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A Fluid Flow Analysis of Aluminum 356.0 in the Vacuum Assisted Countergravity Method

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Abstract

The purpose of this study is to determine the fluid flow pattern obtained through the use of the countergravitaional process. The physical fluid flow model assists design engineers in their casting design of parts utilizing the LS-Vac technology thereby reducing tooling costs and time losses.

A FLUID FLOW ANALYSIS OF ALUMINUM 356.0 IN THE VACUUM ASSISTED COUNTERGRAVITY METHOD

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PROPOSAL

Introduction

This research work studies the flow pattern of aluminum alloy 356.0 in the countergravity vacuum assisted casting method which may also be referred to as the "Hitchiner process" or "loose sand vacuum casting method (LS-Vac)."

LS-Vac is a process where the metal is siphoned into a mold by a vacuum directly from the furnace to form the desired part. LS-Vac's advantages are high casting yield, good casting definition, less cleaning of the casting as compared to green sand, castability of thin wall sections, a controlled fill rate, and low scrap. The present technology limitation is the process's inability to facilitate itself to high-volume production capabilities (American Foundrymen's Society, Inc. 1989).

Aluminum alloy 356.0 is a commonly used alloy in industry because of its good fluidity, resistance to hot cracking, resistance to solidification shrinkage, machinability, wieldability, finishing, and corrosion resistance characteristics. 356.0 is used for such parts as machine tool parts, passenger car wheels, cylinder heads, car blocks, transmission housings, valve bodies, and various aircraft parts (American Foundrymen's Society, Inc. 1989).

Statement Of The Problem

The problem examined in this research is to study the flow pattern of molten 356.0 Aluminum when cast using the LS-Vac method. This study determines the flow pattern by the use of several thermocouples to determine the fill sequence.

Statement of Purpose

The purpose of this study is to determine the fluid flow pattern obtained through the use of the countergravitaional process. The physical fluid flow model assists design engineers in their casting design of parts utilizing the LS-Vac technology thereby reducing tooling costs and time losses.

Statement of Need

These tests are necessary due to the relative newness of the LS-Vac process. The LS-Vac process is a variation of the countergravity low pressure air melt process developed by Hitchiner Manufacturing incorporated. This technology is relatively new as it was developed in the mid 1970's. The LS-Vac process utilizes Hitchiner's countergravitational casting machine and is advantageous for the following reasons:

1. Thinner wall castings are achievable.
2. Lower amounts of superheat are necessary.
3. Less slag or nonmetallic inclusions are cast into the part
4. Higher casting yield is achievable.

5. Reduced tool wear in machining due to cleaner metal.

6. A high degree of surface polish is possible due to fewer surface defects.

Due to the infancy and high degree of quality of this process a study is necessary to evaluate simulation as an applicable engineering tool.

Research Questions

Following are the questions which are answered with this research. By answering these questions the castability of castings using the LS-Vac method will be more predictable.

1. What is the filling sequence of the mold?

2. What are the process parameters, i.e. vacuum pressure,...etc.

Assumptions

1. Slight variations in the metal composition due to the melting process will not affect the results of this research.

2. The reaction time of all of the thermocouples is the same.

3.A uniform vacuum pressure is applied to the mold cavity.

4. A constant vacuum pressure is used in all experiments.

Limitations/Delimitations

1. The temperature of the molten metal was held within plus or minus five degrees of the desired temperature.

2. This research is limited to the resources available at the Metal Casting Center, University of Northern Iowa, such as the availability of charge materials, equipment, and other related supplies or limitations.

3. The accuracy of the machinery used in this experiment is limited to that of the available instrumentation and testing equipment at the Metal Casting Center.

Research Design

This study uses a mold with two different mold cavity sizes 5" x 15" x 1" and 5" x 15" x 1/2". The gate is 2" x 1/8" x 1". The molds are constructed using a No-bake type chemically bonded silica sand. The mold cavities are then coated with a graphite mold coating in order to prevent such defects as sand burn-in on the castings. At this time, type K chromel/alumel thermocouples are added to the molds in order to determine the mold filling rate and sequence. The thermocouples are placed in the cavities in the following positions: at 0" the bottom of the cavity in the center of the gate, 3 thermocouples at 2.5" spaced at 1.25" across the cavity, 3 at 5" with the same spacing, 3 at 7.5" with the same spacing, 3 at 10" with the same spacing, and 3 at 12.5" also with the same spacing across the cavity. The mold was then booked together using core paste to create the assembled mold. Aluminum foil was glued over the gate of the mold cavity with a heated epoxy glue in order to prepare them for the LS-Vac process.

The aluminum was melted in a high-frequency lift-swing induction melting furnace in 90 pound batches. When the aluminum was melted the casting temperature of 1300° F

was determined through the use of a pyrometer and then degassed using a 5% mixture of sulfur hexa fluoride and 95% nitrogen at a rate of approximately 10 cu. ft./ hr. for five minutes prior to each casting session. During LS-Vac casting a constant pressure of 5 in. Hg. was used.

The research follows these general guidelines:

1. 356.0 aluminumwas poured in a 1" thick mold.
2. 356.0 aluminum was poured in a 1" thick mold.
3. Models of the fluid-flow were created.
4. The results and models were compared and assessed.

Definition of Terms

Castability - 1. "A complex combination of liquid-metal properties and solidification characteristics that promotes accurate and sound final castings." 2. "The relative ease with which a molten metal flows through a mold or casting die." (ASM International 1988).

Casting yield - Casting weight as related to total weight poured, expressed as a percentage.

Cope - Top half of a mold which is assembled with the drag in order to form a mold with a mold cavity.

Drag - Bottom half of a mold which is assembled with the cope in order to form a mold with a mold cavity.

Hitchiner process - The LS-Vac process, developed by Hitchiner.

LS-Vac - Loose sand vacuum casting method of casting parts to achieve thinner wall sections and less defects or inclusions.

Pyrometer - A temperature measuring device used in molten metal baths.

Superheat - Amount of heat in excess of the melting temperature.

Thermocouple - A temperature measuring device constructed of two bimetal wires.

CHAPTER 2

LITERATURE REVIEW

Countergravity Casting

Countergravity casting is a relatively new process which was developed in the late seventies. The reason why that it is still a relatively new process is that it is not very widely used due to its high technology, its relatively high cost, and its being a highly specialized process. For these reasons it is often only used for applications where very close casting tolerances and very good metallurgical properties are desired. Countergravitational casting is advantageous for the following reasons:

- Low superheat for casting temperature.

  Chandley & Flemings, (1988).

- Very good casting temperature control.

  Counter Gravity Casting: Putting Innovation To Work, (1996).

- Cavity fills in a short time (2 seconds or less) with minimum turbulence.

  Counter Gravity Casting: Putting Innovation To Work, (1996).

- Section capability of 1.75 - 2.75mm minimum.

  Counter Gravity Casting: Putting Innovation To Work, (1996).

- The vacuum assists in the removal of gases.

  Counter Gravity Casting: Putting Innovation To Work, (1996).

- "Clean Metal is drawn from the center of the melting furnace."

Cargill and Chandley, (1990, p.413).

- Metal flow is less turbulent causing less oxidation, nonmetallic inclusions, or cold shots.

Cargill and Chandley, (1990).

- "Metal is drawn into part detail by the vacuum differential of each cavity, permitting fill-out of very thin sections."

Cargill and Chandley, (1990, p.413).

- Grain structure can be better controlled due to the lower temperatures used in this process.

Cargill and Chandley, (1990).

- Casting yields of up to 93 - 95% are achievable.

Chandley, (1983).

Because of the reasons listed above countergravitaional casting can often be used to cast parts that could not be cast in any other manner.

The countergravity casting technology is broken up into several different processes and may be called by the acronyms CL (for countergravity low-pressure) with A (air melt), V (vacuum melt), or AS (air melt sand casting) Chandley (1986). By these designations the process which I am using would be termed CLAS. Figure 1 shows an induction furnace and countergravity setup being used for CLA.

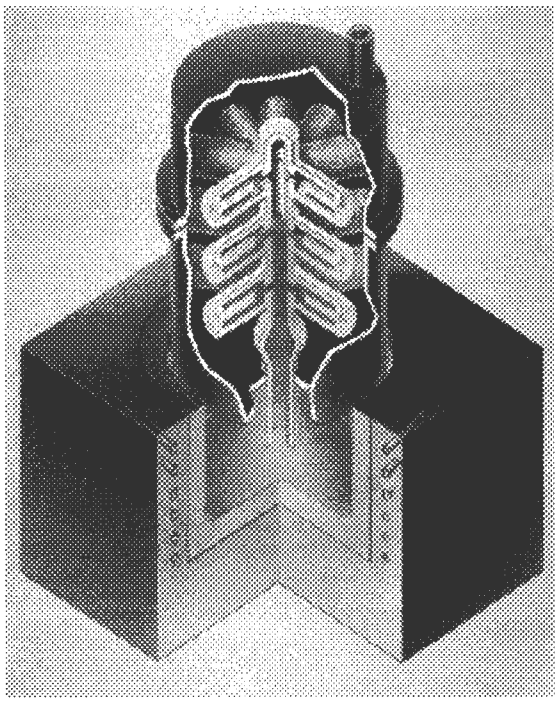

Figure 1. Countergravity Machine.
Note. From The CLA Process
http://www.hitchiner.com/Library.html

Fluid Flow

This paper studies the fluid flow of the countergravitational process. Chandley describes the fluid flow of the countergravitational process as

> ...as soon as the metal rises above one level of gates, the full vacuum differential is available to fill that level, which generally happens before the metal rises to the next level. Thus, CL gives the fastest, most controlled rate of fill at temperatures lower than most other process-and with lower mold temperatures, for molds normally preheated.(p. 209, 1986)

This is the claim which my experimentation is designed to test. Chandley claims that the benefits of unusually thin wall thickness, controlled grain size, low nonmetallic inclusion amounts, and excellent soundness exist because of a precise fluid flow. It is my theory that the metal flow in this process may not be as precise and controlled as indicated.

Fluid flow modeling is important to the gating design process because it eliminates a lot of the guesswork on which designing casting has been based on in the past. The objectives of a fluid flow model are to insure the smooth flow of metal during the entry, minimize gas entrapment, keep nonmetallic inclusions out of the casting, obtain a filling time within the desired range, eliminate mold erosion, and distribute the metal through the branches of the gating system according to Hwang and Stoehr.(1983) Several variables must be tracked in order to predict the fluid flow, they are: pressure, momentum, surface tension, quantity of metal in the system, location of the metal in the cavity, and solidification of the metal during the filling of the mold.Stoehr(1989) The predictions used in fluid flow modeling are important in that they determine the castability of a casting design before it goes into production.

CHAPTER 3

METHODOLOGY

Results of this study show the mold filling sequence of a simple mold in the countergravitational process.

This study used a mold with two different mold cavity sizes of 5" x 15" x 1" and 5" x 15" x 1/2". The gate is 2" x 1/8" x 1". The molds were constructed using a Phenolic-urethane type chemically bonded silica sand. The mold cavities were then coated with a graphite mold coating in order to prevent such defects as sand burn-in on the castings. At this time type K chromel/alumel thermocouples were added to the molds in order to determine the mold filling rate and sequence. The thermocouples were placed in the cavities in the following positions: at 0" the bottom of the cavity in the center of the gate, 3 thermocouples at 2.5" spaced at 1.25" across the cavity, 3 at 5" with the same spacing, 3 at 7.5" with the same spacing, 3 at 10" with the same spacing, and 3 at 12.5" also with the same spacing across the cavityas shown in Figure 2. The mold was booked together using core paste to create the assembled mold. Aluminum foil was then glued over the gate of the mold cavity with a heated epoxy glue in order to prepare them for the LS-Vac process.

The aluminum was melted in a high-frequency lift-swing induction melting furnace in 90 pound batches. The aluminum had a melting temperature of 1300° F which was

determined through the use of a pyrometer. Degassing was accomplished using a 5% mixture of

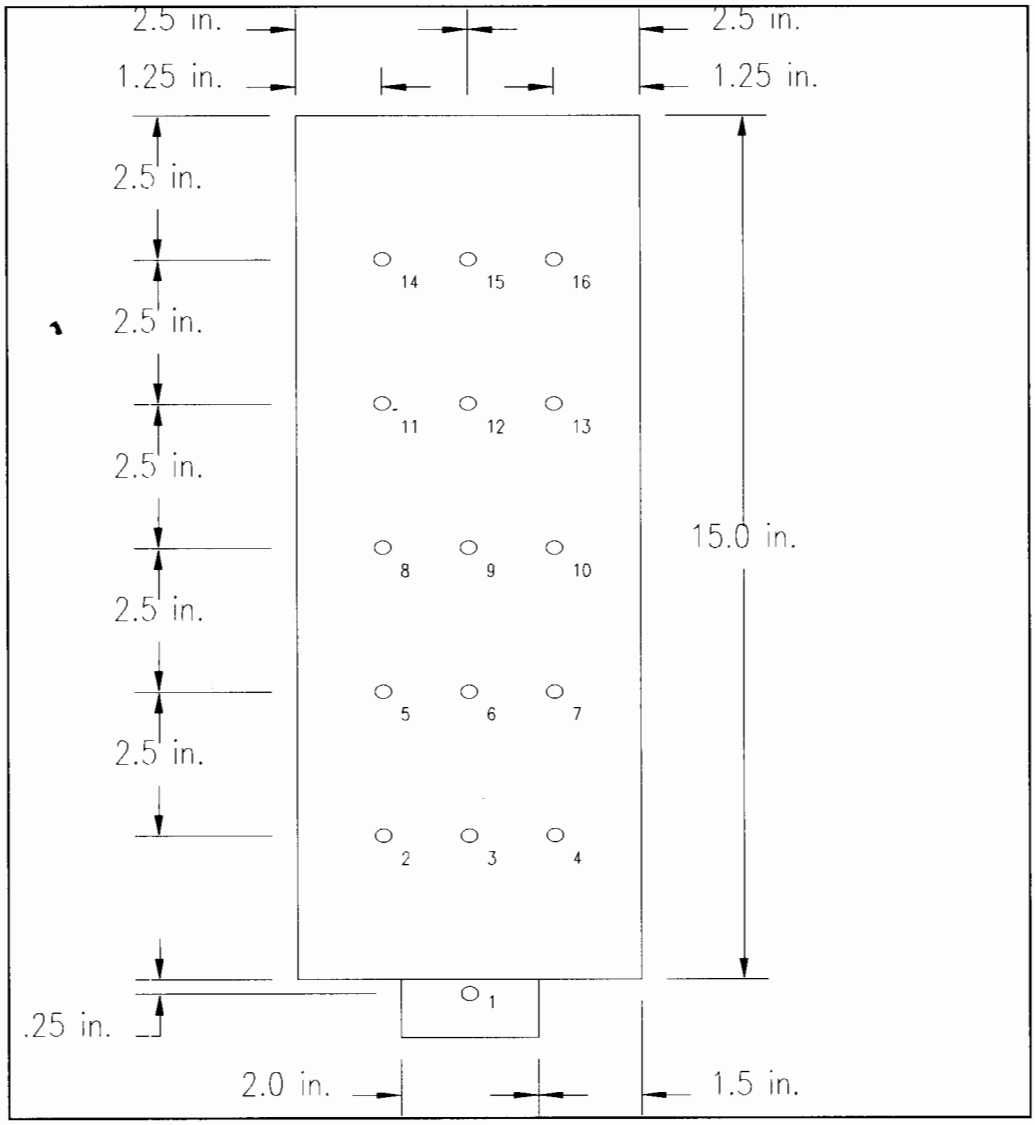

Figure 2. Plate Setup.

sulfur hexa fluoride and 95% nitrogen at a rate of approximately 10 cu. ft./ hr. for five minutes prior to each casting session. During LS-Vac casting a constant pressure of 5 in. Hg. was used (See Table 1).

	Vacuum Pressure	Time
Initial Pressure	5 Hg	
1st Time Segment	5 Hg	5 s
2nd Time Segment	5 Hg	5 s
3rd Time Segment	5 Hg	5 s
4th Time Segment	5 Hg	5 s
5th Time Segment	5 Hg	5 s
6th Time Segment	5 Hg	5 s
Final Pressure	5 Hg	
Total Time		25 s

Table 1. Vacuum Pressure Settings.

The observations and data from this experiment were analyzed to determine the mold filling sequence of the mold cavity in the countergravitational casting process.

CHAPTER 4

RESULTS AND DISCUSSION

The actual pouring temperatures of the pieces are listed in Table 2. The raw data acquired can be seen in Appendix A. From the raw data, line graphs were constructed to show the temperature of each thermocouple versus the time in order to clarify the

	Pouring Temp.
1" Thick Plate	1300 F
1st 1/2" Thick Plate	1300 F
2nd 1/2" Thick Plate	1300 F
3rd 1/2" Thick Plate	1298 F

Table 2. Pouring Temperatures.

sequence in which the metal touched each thermocouple, and are shown in Appendix B. From these graphs the sequence of the thermocouples being heated above 200° F. was recorded and this data is listed in Table 3. From the filling sequence, Figures 3 - 6 were created in order to show an approximation of the fill patterns indicated.

When the data in Table 3 is closely examined, some illogical data is shown. For instance in both the first and second half inch plates thermocouple three can be shown heating up before thermocouple one. Thermocouple one is located directly in the gate of the plate so that any metal that flows into the plate must first come in contact with

thermocouple one. This error could be accounted for by the individual time delays in the temperature readings of each thermocouple, a short in the thermocouple wires, or an error

	FILLING SEQUENCE		
1 INCH	1ST 1/2 INCH	2ND 1/2 INCH	3RD 1/2 INCH
CH1	CH3	CH3	CH1
CH3	CH1	CH1	CH6
CH6	CH2	CH6	CH9
CH9	CH9	CH9	CH3
CH10	CH6	CH10	CH15
CH7	CH5	CH8	CH14
CH5	CH7	CH2	CH13
CH8	CH10	CH7	CH11
CH11	CH8	CH12	CH10
CH12	CH4	CH5	CH8
CH15	CH13	CH13	CH7
CH13	CH11	CH4	CH5
CH14	CH12	CH11	CH2
CH2	CH14	CH15	CH12
CH16	CH15	CH14	CH4
CH4	CH16	CH16	CH16

Table 3. Filling Sequence.

made in connecting the thermocouple wires to the thermocouples. Needless to say this puts the accuracy of the thermocouples into question.

Shown in Figures 3 - 6 is the approximated fill patterns. As you can see the fill patterns are not laminar in any way shape or form. The metal apparently shoots up through the center of the cavity until it is approximately half way to the top of the cavity and there spreads out in a mushroom shape. Last to fill are the top and bottom corners of the mold. The whole filling sequence takes between 0.8s and 2s for the entire cavity to fill at 5Hg. of vacuum.

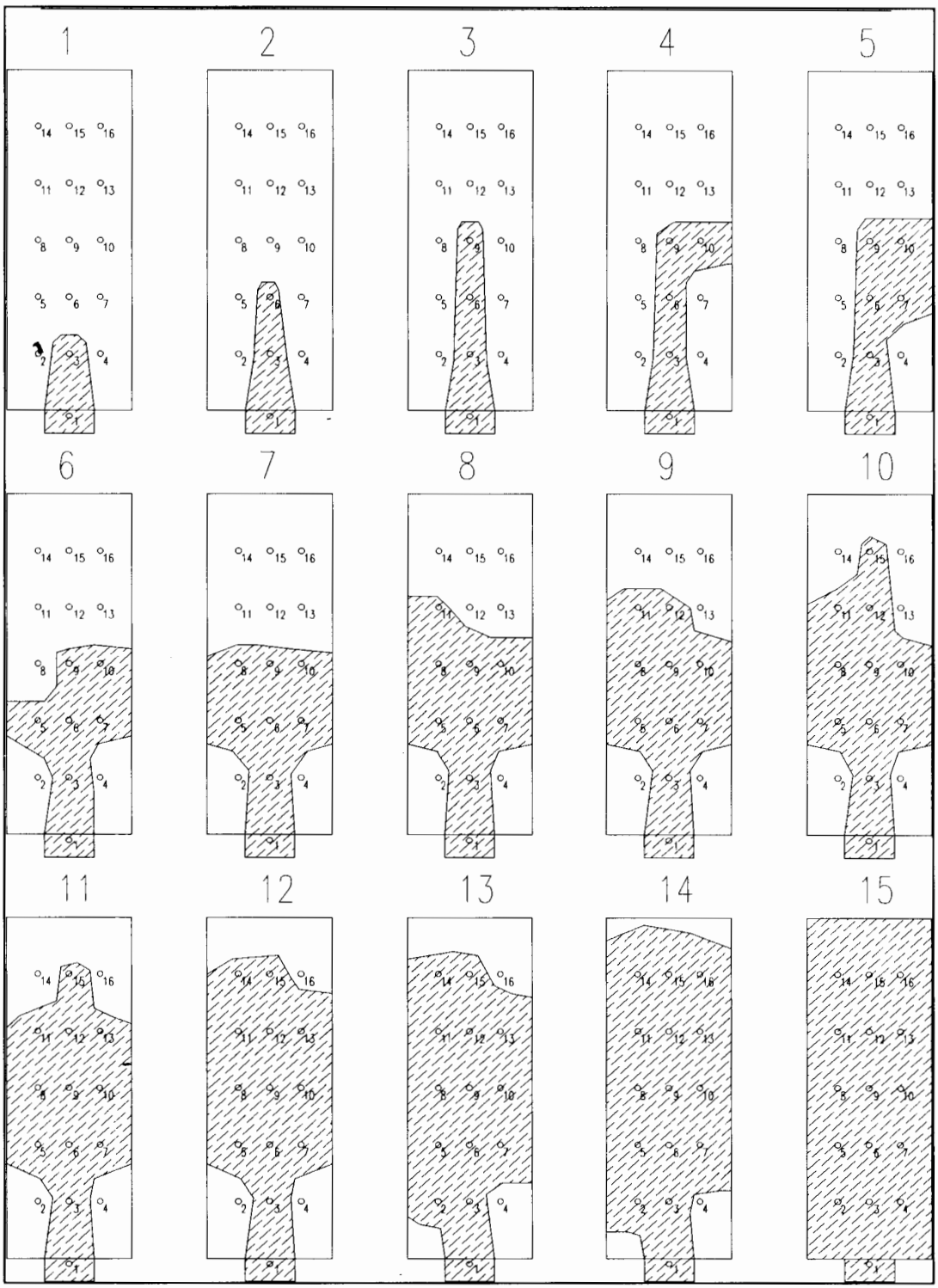
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Figure 3. 1 INCH.

In Figures 4 and 6 there are islands of heat rise which are surrounded by empty air. These islands could be accounted for by the presence of a splash of metal, by the individual time delays in the temperature readings of each thermocouple, a short in the thermocouple wires, or an error made in connecting the thermocouple wires to the thermocouples. In any case the reason for the islands is not readily apparent.

The reason that the fill patterns in this experiment are so sudden and turbulent is the constant pressure 5Hg. of vacuum which was maintained through the pour. If this vacuum were to be applied gradually in a controlled manner the fill pattern may have been more laminar in nature. The reason that this hypothesis was not tested in this research is that the countergravitational casting system as it was set up for this experiment needed the 5Hg. in order to hold the pattern in place from gravity. This problem could be remedied through the use of an investment casting canister which has an enclosed bottom to hold the mold in place without the use of a vacuum which would allow the pressure to be applied gradually.

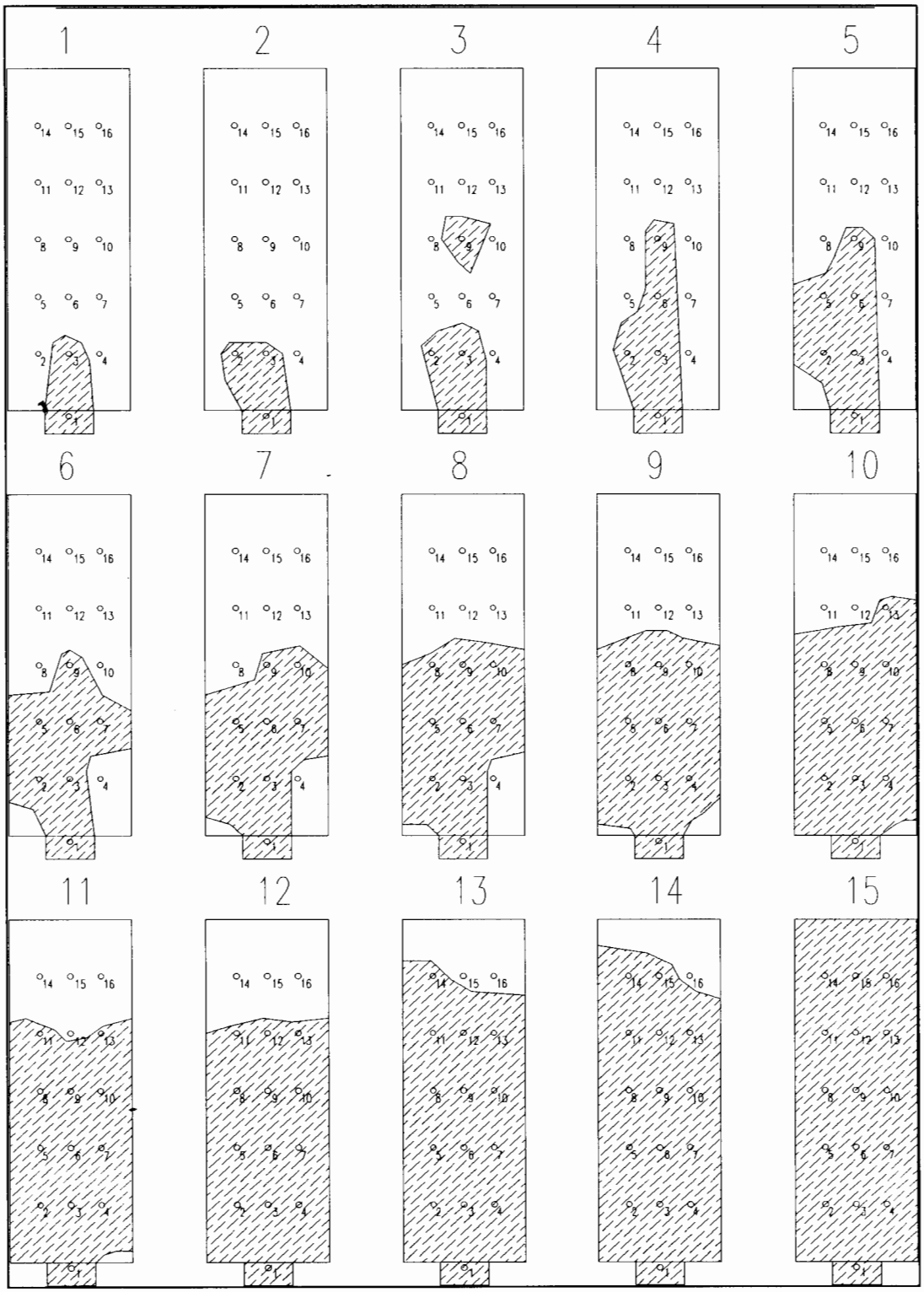

Figure 4. 1st 1/2 INCH.

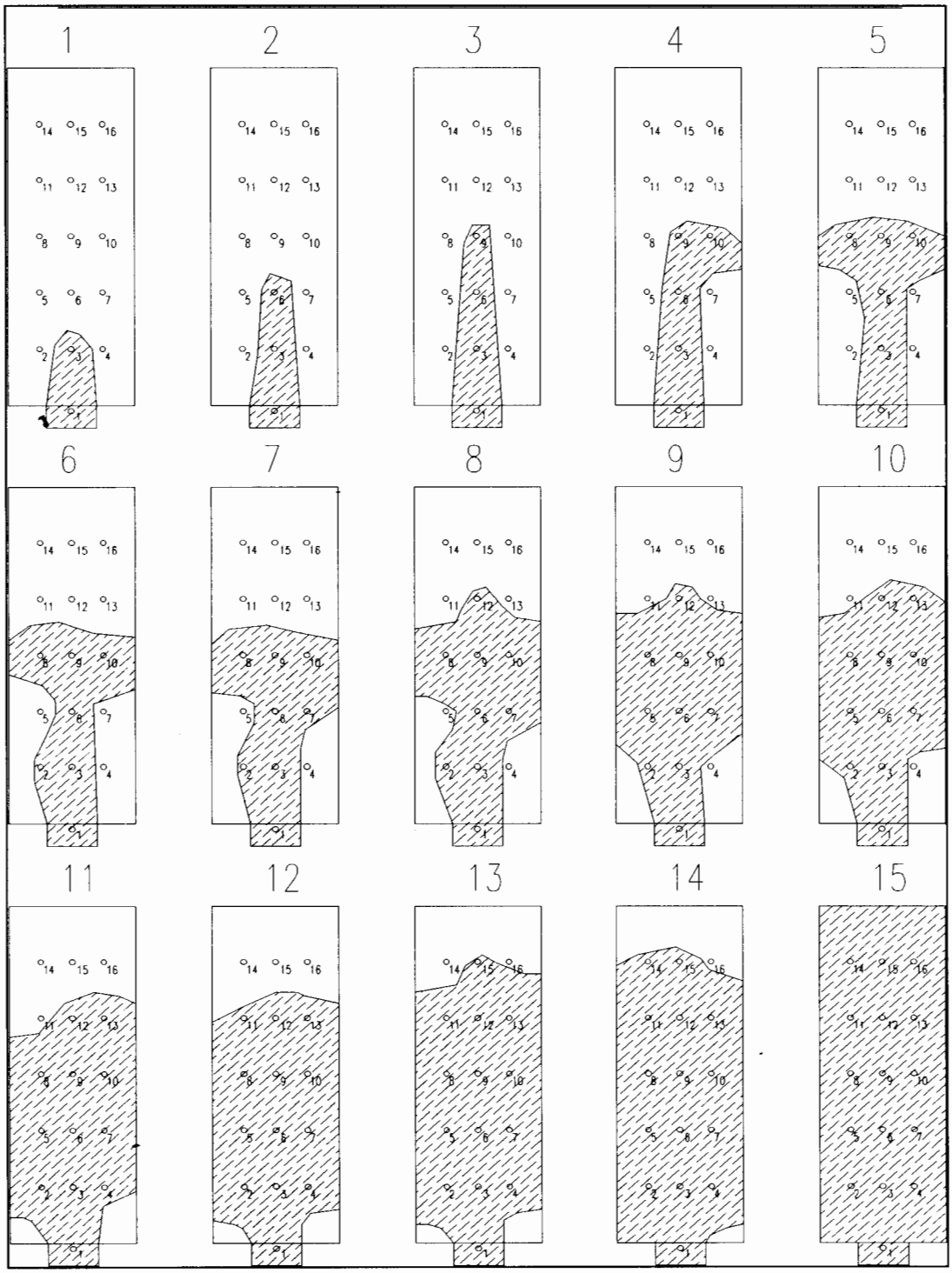

Figure 5. 2nd 1/2 INCH.

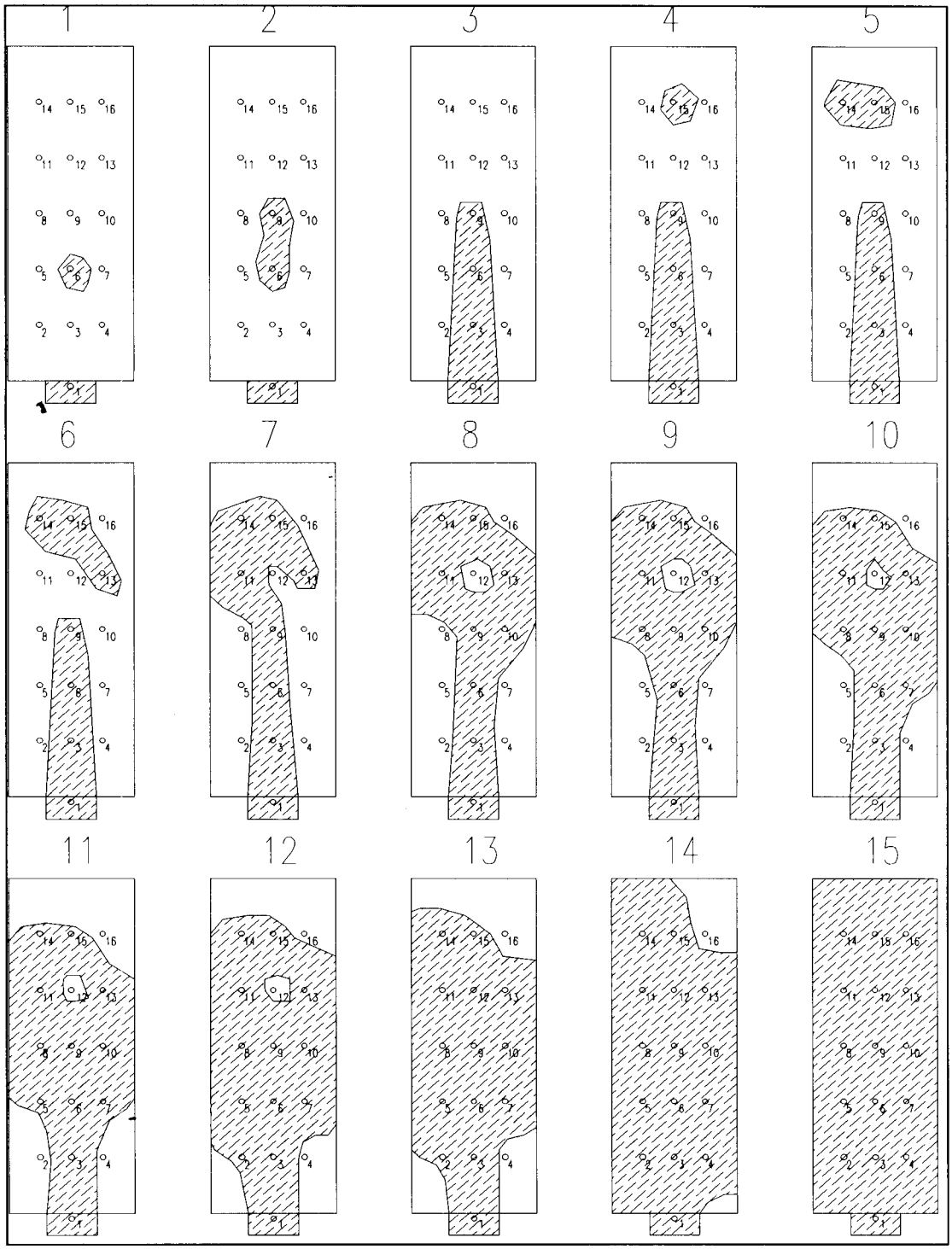

Figure 6. 3rd 1/2 INCH.

CHAPTER 5

CONCLUSIONS AND RECOMMENDATIONS

It is readily apparent through the results of this experiment that the fluid flow pattern achieved by the countergravitational casting process are not laminar in nature under the pressures that were used in this test. This does not mean that it may be turbulent at lower pressures and gradually applied pressures. For this reason it is my recommendation that this experimentation should be done with a investment casting canister which would then allow the experimentation to be done at a more controlled and lower pressure.

Another recommendation for further research is to construct a mold of clear acrylic plastic which would be utilized with a fluid of approximately the same density as molten metal and a high speed video camera in order to get pictures of the actual filling process. This would be much better than the use of thermocouples in that the data would be directly visible rather than deciphered from indirect data.

The fact that the fluid flow pattern is not laminar in nature is extremely important to the quality of the casting. A turbulent flow causes dross and oxidation which are forms of nonmetallic inclusions. Nonmetallic inclusions lower the strength characteristics in the casting which may lead to catastrophic failure. For this reason a laminar flow is extremely desirable. While these results may not truly reflect the true capabilities of the countergravitational process they do point to what may occur if the process is not set up

in a controlled manner. This points to the need for a process engineer who knows the capabilities of this process and how each part should be set up to produce the best part possible.

In conclusion this experimentation showed that data about the fluid flow pattern of aluminum in the countergravitational method could be collected through the use of thermocouples. This data also showed that the process parameters which were used produced a fluid flow pattern which was not laminar and therefore subject to the production of defects in the casting.

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Appendix A

	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
16:56:03.783,11/09/96	68.45	68.09	64.13	61.97	63.95	62.51	62.87	63.41	63.59	63.41	63.95	64.49	62.33	63.77	66.65	64.49
16:56:03.800,11/09/96	65.21	69.17	65.75	62.33	63.77	62.51	62.87	63.59	63.77	63.77	63.95	64.49	62.33	63.77	66.29	64.31
16:56:03.816,11/09/96	62.69	69.17	63.95	63.23	63.59	62.69	62.69	63.77	63.41	63.77	63.77	64.13	62.51	63.95	65.75	64.49
16:56:03.833,11/09/96	62.69	65.93	63.95	63.41	63.41	63.23	62.51	63.77	63.05	63.23	63.95	63.95	62.51	64.13	65.03	64.49
16:56:03.850,11/09/96	63.95	65.75	64.13	63.41	63.41	63.59	62.51	63.59	63.05	62.69	64.13	63.95	62.51	63.95	64.67	64.49
16:56:03.866,11/09/96	67.37	67.37	64.31	62.69	63.41	63.41	62.69	63.23	63.23	62.51	64.67	63.95	62.33	64.13	65.03	64.31
16:56:03.883,11/09/96	67.91	68.99	64.49	62.33	63.23	62.87	63.05	63.59	63.59	62.87	64.85	64.13	62.33	64.13	65.57	64.31
16:56:03.900,11/09/96	67.37	70.61	65.03	62.15	63.05	62.33	63.05	64.31	63.77	63.41	65.21	63.95	62.33	64.49	65.75	64.31
16:56:03.916,11/09/96	91.49	70.25	80.15	63.05	62.87	62.51	62.87	64.67	63.59	63.59	65.03	63.77	62.51	64.67	65.21	64.31
16:56:03.933,11/09/96	176.99	66.83	144.05	63.59	62.87	63.23	62.69	64.85	63.23	63.23	65.39	63.77	62.69	64.85	64.49	64.31
16:56:03.950,11/09/96	287.69	66.83	242.15	63.77	62.87	82.67	62.51	64.49	63.23	62.87	65.39	63.77	62.51	64.67	64.31	64.31
16:56:03.966,11/09/96	399.47	67.73	338.81	63.41	62.87	164.57	62.51	64.31	63.23	62.69	65.75	63.77	62.51	64.67	64.49	64.31
16:56:03.983,11/09/96	505.31	66.29	442.49	63.05	63.05	277.25	62.69	64.31	63.41	62.51	66.11	63.95	62.51	64.85	64.67	64.31
16:56:04.000,11/09/96	595.67	65.03	545.45	62.51	63.23	393.71	62.87	64.31	63.77	62.69	66.29	63.95	62.33	64.85	64.85	64.31
16:56:04.016,11/09/96	674.87	65.57	639.05	62.33	63.41	498.83	63.23	64.67	64.31	63.05	66.11	63.95	62.33	65.21	65.03	64.31
16:56:04.033,11/09/96	747.41	64.13	718.97	62.51	63.59	591.35	63.77	64.85	74.21	63.59	66.29	63.95	62.51	65.21	65.21	64.31
16:56:04.050,11/09/96	807.17	66.11	790.25	63.05	63.59	673.25	64.49	65.21	113.81	64.13	65.93	64.13	62.51	65.03	65.39	64.13
16:56:04.066,11/09/96	856.67	65.03	851.09	63.77	63.77	744.71	65.39	65.39	171.41	64.85	65.75	64.31	62.87	65.03	65.03	64.13
16:56:04.083,11/09/96	901.67	65.75	905.63	64.85	64.13	806.99	69.89	65.39	238.91	83.93	65.57	64.49	63.05	64.85	65.03	64.13
16:56:04.100,11/09/96	941.63	66.83	953.69	65.21	64.49	862.79	113.09	65.39	312.17	136.13	65.39	64.67	63.41	64.67	64.85	64.49
16:56:04.116,11/09/96	976.55	66.65	995.45	65.39	65.21	911.93	178.97	65.57	387.41	220.91	65.57	65.03	63.77	64.67	64.85	64.67
16:56:04.133,11/09/96	1006.6	67.37	1032.5	65.93	65.75	955.49	250.79	65.93	463.55	317.03	65.57	65.75	64.31	64.67	65.03	65.03
16:56:04.150,11/09/96	1032.5	67.73	1065.1	66.29	66.47	994.37	325.31	66.29	537.17	414.77	65.93	66.47	65.03	64.85	65.21	65.39
16:56:04.166,11/09/96	1056.1	67.73	1093.7	66.83	67.37	1028.6	405.59	66.65	606.83	507.65	66.29	67.37	65.75	65.03	65.57	65.75
16:56:04.183,11/09/96	1076.8	68.45	1118.4	67.55	68.45	1059.5	486.23	67.55	672.17	589.55	66.83	68.45	66.83	65.21	65.93	66.11
16:56:04.200,11/09/96	1095.4	68.99	1140.2	67.91	73.67	1086.9	562.19	68.09	733.01	662.63	67.19	69.53	67.55	65.39	66.29	66.47
16:56:04.216,11/09/96	1111.7	69.53	1158.9	68.09	92.21	1110.7	632.03	68.99	789.17	729.05	67.55	70.43	68.09	65.57	66.83	66.83
16:56:04.233,11/09/96	1127.9	70.25	1175.6	68.27	130.91	1131.7	694.85	69.89	840.65	789.35	68.27	71.51	68.63	65.75	67.37	67.19
16:56:04.250,11/09/96	1142.7	70.61	1190	68.45	186.53	1150.3	751.55	70.97	887.45	844.25	68.81	72.41	69.17	65.93	67.91	67.55
16:56:04.266,11/09/96	1155.3	71.15	1202.8	68.63	248.09	1166.3	802.85	72.05	929.75	893.03	69.53	73.31	69.89	66.47	68.63	68.09
16:56:04.283,11/09/96	1166.5	71.51	1214.5	68.63	310.73	1180.1	849.11	114.53	967.73	936.41	70.25	74.21	70.43	66.83	69.17	68.45
16:56:04.300,11/09/96	1175.5	72.23	1225.3	68.81	372.29	1192.7	890.87	198.59	1001.9	975.29	70.97	74.93	71.15	67.37	69.89	68.99
16:56:04.316,11/09/96	1182.5	73.31	1234.7	68.99	433.67	1203.7	928.13	301.19	1032.4	1009.9	72.23	75.83	71.69	67.73	70.61	69.35
16:56:04.333,11/09/96	1188.2	74.03	1242.2	69.17	491.99	1213.4	961.61	408.29	1059.2	1040.6	73.67	76.73	72.23	68.27	71.33	69.89

Table 4. Inch Raw Data

16:56:04.350,11/09/96	1195.3	75.29	1247.5	69.17	547.07	1222.3	991.49	507.47	1082.2	1067.5	76.01	77.81	72.77	68.81	72.23	70.07
16:56:04.366,11/09/96	1200.3	76.01	1252.3	69.53	598.37	1230	1018.9	595.49	1102.2	1093	87.89	78.71	74.03	69.53	72.95	70.43
16:56:04.383,11/09/96	1207.5	78.17	1256.3	70.07	646.43	1237	1043.7	669.11	1120.2	1114.4	105.53	79.79	74.75	70.07	73.49	70.79
16:56:04.400,11/09/96	1211.1	78.71	1260.1	70.07	690.89	1243.3	1065.3	732.11	1136.9	1132.6	145.85	80.87	75.29	70.79	74.03	71.15
16:56:04.416,11/09/96	1215.4	79.07	1263.3	70.79	731.75	1249.1	1084	785.75	1152.2	1148.5	217.85	112.91	76.37	71.51	74.57	71.51
16:56:04.433,11/09/96	1218.7	79.97	1266.9	71.51	768.65	1254.5	1100.9	832.01	1166.1	1162.3	291.47	175.55	87.17	72.41	83.39	72.77
16:56:04.450,11/09/96	1220.6	81.59	1270.7	72.23	801.95	1258.6	1116.1	871.61	1178.9	1174.2	358.79	248.99	119.75	76.19	126.23	96.71
16:56:04.466,11/09/96	1224.4	81.59	1273.6	72.77	832.37	1262.6	1129.6	906.71	1190.4	1185	419.81	324.77	170.15	100.49	178.43	121.73
16:56:04.483,11/09/96	1222.6	85.01	1275.5	73.31	860.09	1265.3	1141.8	937.67	1200.7	1194.5	474.53	398.75	231.89	144.41	231.53	143.51
16:56:04.500,11/09/96	1222.8	112.55	1276.4	74.03	884.57	1268	1153	967.19	1210	1203.2	523.13	467.69	302.09	199.67	288.23	163.13
16:56:04.516,11/09/96	1226.8	164.03	1277.2	74.39	906.35	1269.6	1163.2	999.95	1218.8	1210.9	566.15	530.33	377.33	260.69	344.57	180.77
16:56:04.533,11/09/96	1230.7	230.63	1277	73.67	931.19	1270.1	1172.6	1031.5	1226.8	1217.9	604.67	587.03	452.03	322.61	398.21	197.33
16:56:04.550,11/09/96	1237.6	305.69	1277.7	73.49	960.35	1270.7	1181.2	1060.3	1234	1223.5	639.23	638.15	523.67	381.65	448.07	212.63
16:56:04.566,11/09/96	1239.5	382.37	1278.1	80.51	991.49	1271	1189.1	1085.3	1239.7	1228.2	670.91	683.69	591.71	436.55	493.43	227.03
16:56:04.583,11/09/96	1237	458.51	1281.3	108.95	1021.6	1271.6	1195.8	1108.3	1244.6	1232.5	707.63	724.37	656.15	486.41	534.29	240.53
16:56:04.600,11/09/96	1229.6	528.17	1284.2	149.63	1049.3	1271.2	1201.6	1129	1249.1	1237	750.65	760.73	716.27	531.05	572.09	253.31
16:56:04.616,11/09/96	1236.3	589.37	1283.5	198.05	1073.8	1269.8	1207	1146.8	1253.4	1240.8	796.01	794.39	771.53	570.11	607.37	265.55
16:56:04.633,11/09/96	1242.1	641.75	1282	255.47	1097	1269.4	1211.3	1161.6	1256.5	1242.6	838.31	832.01	821.75	604.31	639.05	277.79
16:56:04.650,11/09/96	1234.3	690.35	1281.7	320.81	1118	1269.8	1214.9	1175.3	1258.6	1244.4	877.37	872.33	866.21	635.09	666.59	289.31
16:56:04.666,11/09/96	1235	731.39	1282.4	382.01	1136.8	1268	1218.5	1187.5	1260.8	1246.9	913.55	912.65	905.27	662.09	696.47	306.23
16:56:04.683,11/09/96	1243.1	768.47	1276.4	443.93	1153.5	1268.2	1222.1	1196.9	1261.9	1247.3	947.75	950.63	939.29	686.03	733.01	358.07
16:56:04.700,11/09/96	1234.5	801.41	1276.4	508.91	1168.1	1270.7	1225.5	1205.7	1261.5	1247.5	979.07	983.93	968.81	710.15	769.37	423.77
16:56:04.716,11/09/96	1235.2	829.13	1277.5	567.77	1180.5	1270.1	1228.9	1213.4	1261.9	1248.5	1008.1	1013.3	994.37	736.25	805.91	485.51
16:56:04.733,11/09/96	1239.5	853.25	1275.2	623.75	1191.8	1271	1232	1219	1261.3	1247.1	1034.7	1038.5	1016.5	764.15	838.13	541.13
16:56:04.750,11/09/96	1230.5	876.47	1278.8	677.57	1201.4	1271.6	1234.7	1225.1	1260.8	1246.6	1058.1	1060.1	1035.6	793.67	865.67	590.45
16:56:04.766,11/09/96	1243	896.09	1279.7	723.47	1209.7	1269.8	1237.6	1229.6	1261.3	1246.4	1079.5	1079	1052	821.21	891.23	634.37
16:56:04.783,11/09/96	1241.2	914.99	1282	769.01	1216.9	1270.7	1240.3	1233.6	1260.8	1244.9	1097.9	1095	1065.8	846.05	911.93	673.25
16:56:04.800,11/09/96	1240.6	932.45	1285.1	809.87	1222.3	1269.1	1243.1	1237.9	1261.9	1246.4	1113.7	1108.7	1078.3	868.73	931.37	707.27
16:56:04.816,11/09/96	1246.4	948.11	1283.5	851.27	1227.7	1270.7	1246	1240.3	1262.2	1246.2	1127.8	1121.1	1090.5	888.89	947.93	737.51
16:56:04.833,11/09/96	1247.6	962.33	1287.8	891.05	1232	1271.4	1248.5	1243.5	1263.5	1248.2	1138.7	1131.5	1102	907.61	962.33	763.97
16:56:04.850,11/09/96	1252.1	975.83	1284.7	927.05	1236.1	1272.8	1250.7	1244.4	1264.2	1248.5	1148.6	1140.2	1113.2	924.17	975.47	787.37
16:56:04.866,11/09/96	1243.1	998.69	1288	962.69	1237.9	1274.3	1250	1246.6	1264.9	1250.7	1156.4	1147.4	1124.3	939.47	986.27	807.71
16:56:04.883,11/09/96	1248.4	1022.5	1284.5	992.39	1240.3	1275.2	1248	1246.9	1265.6	1252	1163	1154.2	1134.8	952.61	996.71	825.35
16:56:04.900,11/09/96	1236.1	1046.8	1287.4	1022.3	1242.6	1275.5	1245.7	1248.9	1266	1254.3	1167.7	1160.3	1144.9	965.03	1005	840.29
16:56:04.916,11/09/96	1240.8	1066.4	1284.5	1045.9	1245.1	1274.3	1244.4	1249.6	1266.2	1255.2	1172.2	1166.3	1153.7	975.47	1013.1	853.43

Table 4. Inch Raw Data

16:56:04.933,11/09/96	1229.6	1085.8	1287.2	1070.2	1247.1	1273	1243	1252.1	1266	1257	1175.6	1171.5	1162.1	985.37	1019.4	864.59
16:56:04.950,11/09/96	1233.1	1100.8	1284.5	1088.9	1248	1271.8	1241.9	1253.6	1265.5	1257	1179.1	1176.4	1169.5	993.65	1025.7	874.13
16:56:04.966,11/09/96	1224.2	1115.2	1288.7	1107.6	1248	1270	1240.4	1256.1	1265.3	1258.3	1181.2	1180.9	1176.9	1001.6	1031.1	882.05
16:56:04.983,11/09/96	1223.2	1127.4	1286	1123.8	1248.9	1268.3	1239	1257	1265.5	1258.1	1183.4	1185.7	1183.9	1008.1	1037.6	890.69
16:56:05.000,11/09/96	1218.1	1137.1	1288.7	1137.5	1249.1	1266.2	1237.7	1258.8	1266.4	1259.2	1184.8	1190.9	1190.9	1014.4	1044.8	901.85
16:56:05.016,11/09/96	1217.8	1146.5	1287.4	1151	1249.3	1266.5	1237	1259.3	1266.5	1258.3	1186.3	1195.4	1197.4	1019.6	1051.8	915.53
16:56:05.033,11/09/96	1218.8	1154.4	1288.1	1160.9	1248.9	1265.1	1236.5	1260.4	1267.6	1259	1187.3	1200.3	1203.5	1024.4	1059.5	930.83
16:56:05.050,11/09/96	1208.2	1161.2	1288.5	1172.6	1248.5	1266.5	1235.9	1261.1	1267.4	1258.3	1188.1	1204.1	1209.1	1030.2	1065.8	947.39
16:56:05.066,11/09/96	1214.3	1165.6	1286.7	1179.1	1249.1	1266.2	1235.4	1261.5	1268.2	1258.1	1189.1	1208.4	1214	1038.3	1074.1	964.85
16:56:05.083,11/09/96	1203.9	1171.5	1289.9	1189.1	1249.4	1267.4	1234.9	1263.3	1267.8	1257.9	1189.3	1211.8	1218.3	1047.8	1081.1	983.03
16:56:05.100,11/09/96	1208	1175.8	1286.3	1195.6	1249.6	1268.3	1234.7	1263.8	1267.4	1256.6	1190	1214.5	1222.1	1057.2	1089.4	1002.3
16:56:05.116,11/09/96	1204.8	1180.1	1287.6	1201.2	1249.1	1268.3	1234.5	1265.1	1267.1	1256.6	1190.2	1217.2	1225.5	1067.8	1098.1	1022.1
16:56:05.133,11/09/96	1201.6	1184.5	1287.4	1207.9	1250.2	1270	1234	1264.9	1265.5	1255	1190	1220.8	1228.4	1078.4	1106.7	1041.9
16:56:05.150,11/09/96	1206.6	1189	1286.5	1210.9	1251.1	1269.4	1234	1265.6	1264.7	1254.5	1189.3	1224.6	1229.6	1089.2	1117.1	1060.4
16:56:05.166,11/09/96	1191.7	1193.1	1286.9	1214	1250.9	1270.5	1233.2	1267.1	1262.2	1252	1186.3	1227.5	1228.7	1100.4	1125.1	1076.8
16:56:05.183,11/09/96	1192.9	1193.8	1282.7	1212.4	1249.6	1269.8	1232.2	1267.1	1257.2	1247.8	1182.8	1220.8	1225	1108.9	1133.2	1091.4
16:56:05.200,11/09/96	1184.5	1195.8	1284.7	1212.5	1248.4	1267.3	1230.9	1268.9	1253.2	1245.5	1178.5	1213.4	1221	1116.2	1140.7	1104.5
16:56:05.216,11/09/96	1180	1197.4	1282.9	1213.8	1248.4	1266.4	1229.5	1269.6	1249.1	1241.7	1174.9	1207.7	1217.8	1120.2	1146.5	1116.4
16:56:05.233,11/09/96	1180.1	1197.8	1281.5	1212.5	1249.1	1264	1228	1270.7	1246.6	1240.1	1171.9	1201.9	1215.2	1122.9	1152.2	1126.5
16:56:05.250,11/09/96	1165.9	1199	1281.7	1214.5	1248.9	1264.2	1226.6	1272.3	1243.5	1238.1	1168.4	1196.7	1213.1	1124.5	1155.1	1136
16:56:05.266,11/09/96	1166.6	1198.7	1276.8	1213.1	1248.5	1263.5	1225.3	1272.8	1241	1236.3	1165.9	1192.2	1211.3	1124.7	1158.7	1144.7
16:56:05.283,11/09/96	1165.4	1198.5	1276.4	1211.6	1248.9	1261.3	1224.4	1273.4	1238.6	1235.8	1163.8	1188.1	1210.2	1124.7	1161.2	1151.9
16:56:05.300,11/09/96	1153.7	1199.8	1273.7	1213.1	1249.4	1260.8	1223.7	1273	1235.9	1234.3	1162.1	1184.1	1209.3	1124.2	1162.3	1158.7
16:56:05.316,11/09/96	1154.9	1199.6	1266.2	1211.1	1249.6	1259	1223.3	1272.1	1234.1	1233.1	1161.4	1180.9	1208.2	1123.8	1164.1	1164.3
16:56:05.333,11/09/96	1152.1	1200.3	1263.7	1210.2	1249.8	1257	1223.5	1272.7	1233.4	1232.9	1160.7	1177.6	1207.5	1124	1165.2	1168.4
16:56:05.350,11/09/96	1140.2	1199.2	1261	1211.1	1249.6	1256.5	1223.3	1272.3	1232	1231.4	1160.5	1175.1	1206.6	1124.2	1165.4	1172.2
16:56:05.366,11/09/96	1147.6	1198.3	1255.4	1209.3	1248.5	1254.5	1222.8	1271.2	1231.8	1230.7	1160.9	1173.3	1205.7	1124.3	1166.5	1175.3
16:56:05.383,11/09/96	1139.1	1198.1	1253.9	1209.7	1246.4	1252	1222.1	1270.5	1231.8	1230.7	1160.7	1171.3	1205.2	1125.2	1166.6	1178.2
16:56:05.400,11/09/96	1134.2	1196.7	1251.4	1211.3	1244.8	1251.1	1220.8	1269.1	1231.3	1229.6	1161.1	1169.2	1204.6	1126.1	1166.3	1181
16:56:05.416,11/09/96	1142.2	1195.4	1248.4	1210.6	1243.3	1248.5	1219.9	1268	1231.4	1229.5	1162.1	1167.4	1204.4	1129	1166.6	1184.1
16:56:05.433,11/09/96	1131	1194.7	1251.8	1211.8	1241.7	1246	1219	1266.9	1231.6	1229.6	1162.3	1165.4	1204.3	1131.2	1165.6	1186.6
16:56:05.450,11/09/96	1130.5	1194.2	1251.2	1213.4	1240.4	1244.8	1217.9	1265.1	1231.1	1228.9	1162.1	1163.6	1203.9	1133.5	1164.5	1188.6
16:56:05.466,11/09/96	1133.2	1192.2	1251.2	1212.2	1239	1242.4	1217.2	1263.3	1231.3	1228.7	1162.3	1162.1	1204.1	1135.9	1163.9	1189.5
16:56:05.483,11/09/96	1121.8	1190.6	1254.3	1212.9	1237	1240.4	1216.3	1261.7	1231.3	1228.9	1162	1160.5	1204.3	1137.8	1162.3	1189.9
16:56:05.500,11/09/96	1121.1	1189.3	1253.8	1214.2	1235.6	1239.5	1215.6	1259.7	1230.4	1228.2	1161.8	1158.9	1204.4	1140.2	1160.5	1190.4

Table 4. Inch Raw Data

16:56:05.516,11/09/96	1130.5	1187.9	1252.1	1213.1	1234.3	1237.7	1214.9	1257.5	1230.2	1227.8	1163	1157.6	1204.8	1142.5	1159.8	1191.3
16:56:05.533,11/09/96	1131	1187.9	1252.3	1213.1	1233.2	1235.9	1214.3	1255.6	1229.6	1228	1163.9	1156.4	1205.5	1145.2	1158.2	1192
16:56:05.550,11/09/96	1123.3	1188.8	1252.1	1215.1	1232.2	1235	1213.6	1253.4	1228.9	1227.5	1164.8	1154.8	1206.2	1147.4	1156.6	1193.3
16:56:05.566,11/09/96	1129.4	1188.2	1249.4	1215.2	1231.1	1234.3	1212.9	1250.7	1228.2	1226.9	1165.4	1153	1207	1149.7	1155.8	1194.4
16:56:05.583,11/09/96	1133.9	1187.2	1246.7	1213.4	1230	1233.2	1212.5	1247.5	1227.5	1226.4	1165.9	1151.3	1207.5	1151.2	1154.9	1195.3
16:56:05.600,11/09/96	1123.6	1187.2	1246.4	1213.8	1228.9	1232.5	1212.5	1244.9	1226.6	1226.2	1165.9	1149.9	1208.2	1152.6	1153.3	1196.3
16:56:05.616,11/09/96	1113	1188.1	1246.2	1215.8	1228.4	1232.3	1212.5	1242.4	1225.5	1226	1166.1	1148.6	1209.1	1153.5	1152.2	1197.6
16:56:05.633,11/09/96	1116.4	1187.5	1243.5	1216.7	1228.4	1232.7	1213.8	1239.9	1224.6	1226.6	1166.1	1147.6	1211.3	1154	1151.5	1199.2
16:56:05.650,11/09/96	1118.6	1186.1	1240.1	1215.4	1228.2	1233.1	1214	1237.2	1223.5	1227.3	1165.9	1146.7	1212.4	1154.8	1150.8	1200.5
16:56:05.666,11/09/96	1109.8	1186.4	1239	1216.3	1227.8	1233.1	1214.3	1234.9	1222.4	1227.7	1165.7	1146.1	1213.3	1155.5	1149.7	1202.1
16:56:05.683,11/09/96	1101.8	1187	1239	1217.8	1227.8	1233.4	1214.5	1232.7	1221.4	1227.7	1165.4	1145.6	1213.6	1156.2	1148.8	1203.5
16:56:05.700,11/09/96	1104.4	1186.1	1237	1217.4	1228	1234.3	1214.2	1230.5	1220.3	1227.3	1165	1145	1213.8	1156.4	1148.5	1204.4
16:56:05.716,11/09/96	1103.3	1185.2	1233.4	1215.8	1228.4	1234.7	1213.8	1228.6	1219.4	1226.9	1164.8	1144.7	1214.3	1156.6	1148.3	1205
16:56:05.733,11/09/96	1104.2	1185.7	1232.3	1215.1	1228.7	1234.9	1213.8	1226.8	1218.5	1226.8	1164.7	1144.5	1214.7	1156.7	1147.4	1205.3
16:56:05.750,11/09/96	1101.3	1185.4	1234.1	1214.9	1228.9	1234.9	1213.3	1225.5	1217.8	1226.4	1164.7	1144.5	1214.5	1156.7	1146.8	1205.5
16:56:05.766,11/09/96	1095.4	1184.6	1232.9	1215.2	1229.3	1235.6	1212.7	1224.2	1217	1226.4	1164.8	1144.9	1214.5	1156.7	1147	1205.5
16:56:05.783,11/09/96	1099.5	1184.1	1230.7	1215.4	1229.1	1235.6	1213.3	1223.2	1216.3	1226.8	1165.2	1145	1214.9	1156.7	1147	1205
16:56:05.800,11/09/96	1100.6	1182.7	1230.4	1214.9	1228.9	1234.9	1212.9	1222.1	1215.4	1226.8	1165.7	1145.4	1215.4	1156.7	1146.7	1204.1
16:56:05.816,11/09/96	1098.1	1181.8	1230.2	1214.9	1228.4	1233.4	1212.5	1221.2	1214.7	1226.6	1166.3	1145.9	1215.2	1156.4	1146.3	1202.8
16:56:05.833,11/09/96	1091.4	1181.9	1231.1	1217	1227.7	1232.5	1212.9	1220.6	1214.3	1226.8	1167.2	1146.5	1215.6	1155.8	1146.3	1201.4
16:56:05.850,11/09/96	1087.1	1180.5	1230.5	1218.1	1226.9	1232.3	1212.9	1219.9	1214	1227.3	1167.9	1147	1215.6	1155.5	1146.5	1199.9
16:56:05.866,11/09/96	1087.6	1179.6	1228.2	1219	1226	1232.3	1213.1	1219	1213.4	1227.3	1169	1147.9	1216	1154.9	1146.5	1198.7
16:56:05.883,11/09/96	1090	1178	1227.5	1217.4	1225.3	1231.8	1212.2	1218.1	1212.9	1225.9	1169.9	1148.5	1215.4	1154.6	1145.9	1197.4
16:56:05.900,11/09/96	1088	1177.1	1227.3	1216.1	1224.8	1230.9	1211.5	1217.4	1212.7	1224.6	1170.8	1149.2	1214.9	1153.9	1145.2	1196
16:56:05.916,11/09/96	1080.8	1177.3	1228.2	1216.7	1224.2	1230.4	1210.7	1217	1212.7	1223.9	1172	1150.3	1214.5	1153	1145	1194.7
16:56:05.933,11/09/96	1076.5	1175.6	1227.5	1215.8	1223.9	1230.4	1210.2	1216.9	1212.5	1222.8	1172.9	1151	1214.2	1152.2	1144.9	1193.5
16:56:05.950,11/09/96	1078.8	1175.1	1225.3	1215.2	1223.7	1230.5	1209.5	1216.7	1212	1221.9	1173.7	1151.5	1214	1151.9	1144.5	1192.2
16:56:05.966,11/09/96	1083.8	1174.6	1224.1	1212.7	1223.3	1230	1209.1	1216.5	1211.5	1220.6	1174.4	1152.1	1214	1151.5	1143.6	1191.1
16:56:05.983,11/09/96	1080.1	1175.1	1223.2	1211.6	1223	1229.1	1208.9	1216.3	1211.3	1219.9	1175.1	1152.8	1213.8	1151.2	1142.7	1190.2
16:56:06.000,11/09/96	1077.5	1175.6	1225.1	1211.5	1222.4	1228.2	1208.8	1216.3	1211.3	1219.4	1176	1153.5	1214	1150.8	1142.2	1189.7
16:56:06.016,11/09/96	1072	1176.7	1224.4	1211.8	1222.3	1227.8	1208.8	1216.5	1211.3	1219	1176.5	1154	1214.2	1150.4	1141.8	1189.3
16:56:06.033,11/09/96	1071.2	1177.3	1224.1	1212.2	1221.7	1228	1208.4	1216.3	1211.1	1218.5	1177.1	1154.8	1214.3	1150.1	1141.6	1188.8
16:56:06.050,11/09/96	1073.6	1176.9	1221.4	1210.7	1221.4	1228	1207.9	1216	1210.7	1217.6	1177.4	1155.1	1214.5	1149.9	1140.7	1188.4
16:56:06.066,11/09/96	1076.5	1177.3	1220.5	1209.7	1220.8	1227.7	1207.1	1215.4	1210.4	1216.3	1178	1155.8	1214.7	1149.7	1139.8	1187.7
16:56:06.083,11/09/96	1074.7	1177.6	1219.4	1208.4	1220.3	1226.2	1206.2	1215.2	1210.4	1215.4	1178.5	1156.2	1215.1	1149.5	1138.9	1187.2

Table 4. Inch Raw Data

16:56:06.100,11/09/96	1069.8	1178.3	1221.2	1208	1219.7	1225	1205.2	1215.1	1210.7	1214.7	1179.1	1156.6	1215.1	1149.4	1138.7	1187
16:56:06.116,11/09/96	1063	1179.1	1220.6	1208.4	1219.4	1224.2	1204.1	1215.2	1210.9	1214.5	1179.4	1157.1	1215.2	1149	1138.7	1186.6
16:56:06.133,11/09/96	1062.4	1179.1	1221	1208.9	1219	1224.8	1203.2	1215.6	1211.1	1214.5	1179.4	1157.5	1215.4	1149	1138.9	1186.4
16:56:06.150,11/09/96	1061	1179.2	1218.1	1208.6	1218.5	1225.1	1202.3	1215.4	1210.6	1214	1179.6	1157.6	1216	1151.3	1138.6	1186.1
16:56:06.166,11/09/96	1066.7	1178.3	1217	1206.4	1218.1	1224.8	1202.1	1215.1	1210.4	1213.1	1179.6	1157.6	1216.3	1151.3	1138	1186.1
16:56:06.183,11/09/96	1065.1	1178.5	1215.6	1205	1217.4	1223.7	1201.7	1214.9	1210.2	1212.2	1179.6	1157.8	1216.5	1151.2	1137.3	1185.9
16:56:06.200,11/09/96	1063.3	1178.2	1216.7	1203.2	1216.7	1222.4	1201.6	1214.7	1210.6	1211.5	1179.6	1158	1216.7	1151.5	1136.9	1185.5
16:56:06.216,11/09/96	1056.8	1179.1	1217.8	1203.5	1216	1221.5	1201.2	1215.1	1210.7	1211.5	1179.4	1158.2	1216.7	1151.9	1136.9	1185.2
16:56:06.233,11/09/96	1053.4	1178.3	1217.9	1202.8	1215.2	1221.4	1201	1215.6	1210.9	1211.5	1178.9	1158.4	1216.9	1152.6	1137.1	1184.6
16:56:06.250,11/09/96	1053.8	1178.9	1216.3	1202.6	1214.9	1221.5	1200.7	1216	1210.7	1211.5	1178.5	1158.5	1217	1153.1	1136.9	1184.8
16:56:06.266,11/09/96	1058.5	1178.2	1215.6	1200.1	1214.5	1221.2	1200.1	1216	1210.6	1210.6	1177.8	1158.5	1217.2	1153.9	1136.4	1184.8
16:56:06.283,11/09/96	1057	1178.7	1214.5	1198.9	1214.3	1220.3	1199.9	1215.8	1210.6	1209.8	1177.3	1158.5	1217.4	1154.2	1135.7	1185
16:56:06.300,11/09/96	1054.7	1178.9	1216	1198	1214	1219	1199.6	1216	1210.7	1209.5	1176.9	1158.5	1217.6	1154.4	1135.3	1185.4
16:56:06.316,11/09/96	1047.5	1180	1215.4	1198.5	1213.8	1218.3	1199.4	1216.1	1210.9	1209.5	1176.4	1158.7	1217.9	1154.8	1135.3	1185.5
16:56:06.333,11/09/96	1049.8	1180.5	1214.9	1198.7	1213.8	1218.5	1199.6	1216.5	1210.7	1209.8	1175.6	1158.7	1218.1	1154.9	1135.7	1185.5
16:56:06.350,11/09/96	1048.4	1181.4	1212.4	1198.1	1213.8	1218.5	1199.6	1216.7	1210.2	1209.8	1174.7	1158.7	1218.3	1154.9	1135.7	1185.5
16:56:06.366,11/09/96	1052.2	1181.8	1212.4	1197.1	1213.6	1217.8	1199.8	1216.5	1209.8	1209.5	1174	1158.9	1218.5	1154.9	1135.1	1185.4
16:56:06.383,11/09/96	1050.2	1182.3	1212.4	1196	1213.3	1216.5	1200.5	1216.5	1209.5	1209.3	1173.3	1158.9	1218.7	1154.8	1134.8	1185.4
16:56:06.400,11/09/96	1045.1	1183.9	1213.6	1196.9	1212.9	1216	1200.3	1216.9	1209.3	1209.3	1172.8	1159.1	1218.5	1154.4	1135	1185.4
16:56:06.416,11/09/96	1050.2	1184.3	1212.7	1196.7	1212.7	1216	1200.5	1217	1208.9	1208.9	1172	1159.1	1218.3	1153.9	1135.3	1185.4
16:56:06.433,11/09/96	1048.2	1185	1210	1195.4	1212.4	1215.8	1200.5	1217	1208.4	1208.4	1171.1	1159.3	1217.8	1153.5	1135.7	1185.2
16:56:06.450,11/09/96	1051.8	1185.2	1209.7	1194.5	1211.8	1214.9	1200.3	1216.7	1208	1208	1170.2	1159.3	1217	1153.1	1135.9	1184.8
16:56:06.466,11/09/96	1046.9	1185.4	1209.5	1193.5	1211.5	1214	1200.1	1216.7	1207.9	1207.3	1169.7	1159.3	1216.3	1153	1136	1184.5
16:56:06.483,11/09/96	1041.4	1186.1	1210.2	1194.5	1210.9	1213.4	1199.9	1216.7	1207.5	1207.3	1169	1159.3	1215.4	1152.2	1136.8	1184.3
16:56:06.500,11/09/96	1045	1185.7	1209.3	1194.7	1210.4	1213.3	1199.8	1216.7	1207.3	1207.1	1168.1	1159.1	1214.5	1151.5	1138	1183.9
16:56:06.516,11/09/96	1043.2	1185.5	1207.3	1194.4	1209.8	1212.9	1199.6	1216.5	1206.8	1206.6	1167.4	1158.9	1213.6	1151	1139.3	1183.2
16:56:06.533,11/09/96	1045.9	1184.5	1207.3	1193.3	1209.3	1212	1199.4	1216	1206.4	1205.9	1166.6	1158.7	1212.5	1150.4	1140.2	1182.5
16:56:06.550,11/09/96	1043.3	1183.7	1207.3	1192.2	1208.8	1210.6	1199	1215.6	1206.1	1205.3	1166.1	1158.4	1211.6	1150.1	1141.1	1181.8
16:56:06.566,11/09/96	1038.5	1183.9	1208.2	1193.3	1208.4	1210	1198.5	1215.4	1205.9	1205	1165.6	1158	1210.6	1149.5	1142.2	1181
16:56:06.583,11/09/96	1041.4	1182.7	1208.9	1193.6	1208	1210.4	1198.1	1215.2	1206.4	1204.8	1165	1157.5	1209.7	1149.4	1143.8	1180.7
16:56:06.600,11/09/96	1039.4	1181.8	1207.5	1193.1	1207.9	1210.7	1197.6	1215.1	1207	1204.4	1164.7	1156.9	1208.8	1149.4	1144.9	1180.9
16:56:06.616,11/09/96	1042.3	1180.1	1207.9	1192.2	1207.5	1210.2	1197.2	1214.7	1206.8	1203.9	1164.3	1156.4	1207.9	1149.2	1145.6	1180.3
16:56:06.633,11/09/96	1037.8	1178.9	1208.2	1191.3	1207.3	1208.8	1196.9	1214.3	1206.8	1203.5	1164.1	1156	1206.8	1149	1145.9	1179.6
16:56:06.650,11/09/96	1033.3	1177.8	1208.6	1192.4	1207.1	1208	1196.5	1214.2	1206.4	1203.4	1163.9	1155.5	1205.9	1148.5	1146.8	1178.7
16:56:06.666,11/09/96	1036.9	1176	1207.5	1192.7	1207.3	1207.9	1196.2	1214	1205.9	1203.2	1163.8	1154.8	1205.2	1148.3	1147.9	1177.6

Table 4. Inch Raw Data

16:56:06.683,11/09/96	1037.9	1174.2	1205	1191.7	1207.1	1207.5	1196	1213.8	1205.3	1203	1163.6	1154	1204.4	1148.1	1148.5	1177.1
16:56:06.700,11/09/96	1041.2	1172.9	1204.4	1191.3	1207	1206.8	1195.6	1213.4	1204.8	1202.6	1163.6	1153.3	1203.7	1147.9	1148.8	1176.4
16:56:06.716,11/09/96	1035.4	1171.5	1205.5	1190.9	1206.8	1206.1	1195.3	1213.1	1205.2	1202.3	1163.4	1152.6	1203	1147.9	1149.2	1175.6
16:56:06.733,11/09/96	1029.3	1170.4	1205.5	1192	1206.6	1205.9	1194.7	1213.1	1205.2	1201.9	1163.6	1152.1	1202.5	1147.6	1149.7	1175.3
16:56:06.750,11/09/96	1032.2	1168.8	1205.2	1192.7	1206.6	1206.4	1194	1212.9	1205.2	1201.7	1163.8	1151.3	1201.7	1147.7	1150.6	1175.1
16:56:06.766,11/09/96	1034.9	1166.6	1203.5	1191.5	1206.4	1206.4	1193.3	1212.5	1205.5	1201.4	1163.8	1150.8	1201.2	1147.9	1151.2	1175.1
16:56:06.783,11/09/96	1037.8	1165.9	1203.7	1191.1	1206.2	1206.2	1192.7	1212	1205.5	1200.8	1163.6	1149.9	1200.8	1148.3	1151	1175.3
16:56:06.800,11/09/96	1033.4	1164.7	1205.5	1190.9	1206.1	1206.1	1192.2	1211.6	1206.1	1200.5	1163.6	1149.2	1200.3	1148.6	1151	1175.6
16:56:06.816,11/09/96	1026.1	1163.4	1205	1192	1205.9	1205.5	1191.8	1211.5	1206.1	1200.1	1163.6	1148.5	1199.8	1148.8	1151.3	1174.9
16:56:06.833,11/09/96	1026.8	1162	1204.4	1192.7	1206.1	1205.5	1191.5	1211.1	1205.7	1199.8	1163.8	1147.7	1199.4	1149.4	1151.7	1174.6
16:56:06.850,11/09/96	1031.5	1159.8	1203	1191.5	1206.1	1205.2	1191.3	1210.7	1205.7	1199.2	1163.6	1146.8	1199.2	1149.9	1151.5	1174.2
16:56:06.866,11/09/96	1031.8	1159.4	1202.3	1191.3	1206.1	1204.6	1190.9	1210.4	1205.5	1198.7	1163.6	1146.1	1199	1150.3	1151	1174.6
16:56:06.883,11/09/96	1029.8	1158.5	1204.4	1191.1	1205.9	1203.9	1190.8	1210	1205.5	1198	1163.8	1145.4	1198.9	1150.3	1150.6	1174
16:56:06.900,11/09/96	1025.5	1158.2	1203.4	1192	1205.7	1203.7	1190.4	1209.8	1205.3	1197.4	1163.6	1144.7	1198.7	1150.3	1150.6	1173.5
16:56:06.916,11/09/96	1025.3	1157.8	1201.6	1192.7	1205.5	1203.5	1190	1209.5	1205	1196.9	1163.6	1144	1198.7	1149.9	1150.4	1172.8
16:56:06.933,11/09/96	1030.7	1156.4	1199.9	1190.9	1205.3	1202.6	1190	1208.8	1204.3	1196.2	1163.4	1143.2	1198.7	1149.7	1149.9	1171.7
16:56:06.950,11/09/96	1027.3	1156.2	1198.3	1190.4	1205	1201.6	1189.7	1208.4	1203.4	1195.3	1163.4	1142.5	1198.7	1149.5	1149	1170.6
16:56:06.966,11/09/96	1027.1	1155.7	1199.4	1190.4	1204.8	1200.3	1189.3	1208	1202.6	1194.5	1163.4	1141.8	1198.7	1149	1148.1	1169.5
16:56:06.983,11/09/96	1023.9	1155.7	1198	1190.6	1204.6	1199.8	1189	1207.9	1201.9	1193.8	1163.8	1141.3	1198.5	1148.5	1147.9	1168.6
16:56:07.000,11/09/96	1025.7	1154.9	1195.1	1190.8	1204.4	1199.4	1188.6	1207.5	1201	1193.3	1163.6	1140.7	1198.5	1147.7	1147.6	1167.7
16:56:07.016,11/09/96	1030.4	1153.5	1193.8	1189.1	1204.6	1198.9	1188.6	1207	1200.3	1192.2	1163.4	1140	1198.5	1147.4	1146.7	1166.8
16:56:07.033,11/09/96	1025.7	1152.8	1193.3	1188.4	1204.3	1197.6	1188.2	1206.4	1199.8	1191.5	1163.4	1139.5	1198.3	1147	1145.6	1165.9
16:56:07.050,11/09/96	1023	1152.4	1194	1189	1204.1	1196.9	1187.9	1206.1	1199.2	1190.6	1163.2	1138.9	1198.1	1146.7	1144.7	1165.2
16:56:07.066,11/09/96	1019.6	1151.2	1193.6	1189.1	1204.1	1196.5	1187.5	1205.9	1198.9	1190	1163.2	1138.7	1198	1146.5	1144.3	1164.5
16:56:07.083,11/09/96	1024.3	1150.1	1191.5	1189.1	1204.1	1196.5	1187	1205.3	1198.1	1189.3	1163	1138.2	1198	1146.5	1143.6	1163.8
16:56:07.100,11/09/96	1028.9	1149.2	1190.6	1187.9	1204.1	1196	1186.8	1205	1197.4	1188.6	1162.9	1137.8	1198	1146.5	1142.5	1163
16:56:07.116,11/09/96	1026.8	1148.8	1190.4	1187.2	1203.9	1195.1	1186.8	1204.6	1196.9	1187.5	1162.9	1137.3	1197.8	1146.1	1141.4	1162.5
16:56:07.133,11/09/96	1021.6	1149.2	1191.1	1187.9	1203.9	1194.7	1186.4	1204.3	1196.5	1187	1162.9	1136.8	1197.6	1145.4	1140.5	1162.1
16:56:07.150,11/09/96	1021	1148.5	1190.6	1187.9	1203.9	1194.7	1186.3	1204.1	1196	1186.4	1162.7	1136.2	1197.2	1144.9	1140.2	1161.4
16:56:07.166,11/09/96	1020.7	1148.8	1188.6	1187.5	1204.3	1194.9	1186.1	1203.7	1195.4	1185.9	1162.3	1136.4	1197.2	1144.5	1140	1160.9
16:56:07.183,11/09/96	1024.4	1148.5	1188.4	1186.4	1204.3	1194.4	1185.7	1203.4	1194.9	1185.2	1162	1135.9	1196.9	1144	1139.1	1160.2
16:56:07.200,11/09/96	1019.9	1148.3	1189.1	1185.5	1203.9	1193.6	1185.5	1203	1194.5	1184.6	1162	1135.3	1196.7	1143.2	1138	1159.8
16:56:07.216,11/09/96	1016	1148.1	1189.5	1186.1	1203.7	1193.5	1185.2	1202.6	1194.2	1184.1	1161.6	1134.8	1196.3	1142.5	1137.5	1159.3
16:56:07.233,11/09/96	1020.5	1147.4	1188.6	1186.1	1203.7	1194	1184.6	1202.3	1193.6	1183.7	1161.4	1134.4	1196	1141.8	1137.3	1158.9
16:56:07.250,11/09/96	1024.1	1146.1	1186.4	1184.3	1203.5	1193.6	1184.3	1201.7	1193.1	1183.2	1161.1	1134.1	1195.6	1141.3	1136.6	1158.4

Table 4. Inch Raw Data

16:56:07.266,11/09/96	1027.7	1146.7	1185.7	1183.6	1203.7	1192.9	1184.1	1201.4	1192.6	1182.8	1160.7	1133.7	1195.3	1140.7	1136	1158
16:56:07.283,11/09/96	1022.1	1146.8	1187.7	1183.4	1203.9	1192.4	1183.7	1201.2	1192.4	1182.5	1160.3	1133.9	1194.7	1140	1136	1157.6
16:56:07.300,11/09/96	1015.8	1147.4	1187.2	1184.1	1204.3	1192.4	1183.6	1201	1192	1182.3	1160	1134.1	1194.2	1139.5	1136.6	1157.3
16:56:07.316,11/09/96	1015.4	1146.8	1186.3	1184.8	1204.6	1192.7	1183.2	1200.8	1191.7	1181.9	1159.4	1134.1	1193.6	1138.9	1137.1	1156.9
16:56:07.333,11/09/96	1020.8	1145.6	1185	1182.8	1204.3	1192.6	1183	1200.1	1191.3	1181.2	1158.9	1133.7	1193.1	1138.7	1137.1	1156.4
16:56:07.350,11/09/96	1016.9	1145.6	1184.8	1182.3	1203.7	1191.8	1182.7	1199.8	1191.1	1180.7	1158.5	1133.3	1192.7	1138.4	1136.9	1156
16:56:07.366,11/09/96	1017.2	1145.6	1186.6	1182.5	1203.4	1191.5	1182.5	1199.6	1190.8	1180.3	1158.2	1132.8	1192.2	1138.2	1136.9	1155.7
16:56:07.383,11/09/96	1013.6	1145.8	1186.1	1182.7	1203	1191.7	1182.3	1199.4	1190.6	1180	1157.8	1132.4	1191.7	1137.8	1137.5	1155.3
16:56:07.400,11/09/96	1016.9	1145.6	1183.7	1182.5	1202.6	1191.8	1181.8	1199.2	1190	1179.8	1157.3	1131.9	1191.1	1137.8	1138.2	1154.9
16:56:07.416,11/09/96	1021.4	1145	1183.2	1180.9	1202.3	1191.5	1181.6	1198.9	1189.7	1179.2	1156.7	1131.5	1191.1	1138	1138.6	1154.6
16:56:07.433,11/09/96	1018.1	1145.2	1182.7	1179.6	1201.9	1190.8	1181	1198.5	1189.3	1178.7	1156.2	1131.2	1190.6	1138	1138.6	1154.2
16:56:07.450,11/09/96	1012.2	1146.1	1183.7	1180.1	1201.7	1190.4	1180.7	1198.3	1189	1178.7	1155.7	1131	1190	1138	1138.9	1154
16:56:07.466,11/09/96	1009.1	1145.4	1183.4	1179.8	1201.6	1190.4	1180.3	1198.1	1188.6	1178.3	1155.1	1130.6	1189.5	1138	1139.3	1153.9
16:56:07.483,11/09/96	1011.8	1145.4	1181.6	1179.2	1201.2	1190.4	1180.1	1197.8	1188.1	1178	1154.4	1130.5	1189.1	1138.2	1140	1153.3
16:56:07.500,11/09/96	1015.1	1145.2	1181.4	1177.8	1201	1189.9	1179.8	1197.2	1187.5	1177.4	1153.9	1130.1	1188.6	1138.4	1140	1153
16:56:07.516,11/09/96	1013.3	1145.2	1181.6	1177.1	1200.7	1189	1179.4	1197.1	1187.3	1177.1	1153.3	1130.1	1188.1	1138.4	1139.8	1152.6
16:56:07.533,11/09/96	1009.7	1145.6	1182.3	1177.8	1200.1	1188.6	1178.9	1196.9	1186.8	1176.7	1153	1129.7	1187.5	1138.2	1140	1152.4
16:56:07.550,11/09/96	1014.4	1145.2	1181.4	1177.6	1199.8	1188.8	1178.5	1196.9	1186.4	1176.7	1152.4	1129.4	1187	1138	1140.5	1152.2
16:56:07.566,11/09/96	1014	1144.3	1178.7	1176	1199.2	1188.4	1178.2	1196.3	1185.9	1176.4	1151.7	1129	1186.6	1138	1140.5	1151.9
16:56:07.583,11/09/96	1018.1	1144.7	1178	1175.3	1198.7	1187.7	1177.8	1196.2	1185.4	1176	1151	1128.5	1186.3	1137.8	1140.2	1151.5
16:56:07.600,11/09/96	1012.6	1144.7	1179.6	1174.6	1198.3	1187.2	1177.4	1195.8	1185.2	1175.6	1150.6	1128.5	1185.7	1137.7	1140.2	1151.5
16:56:07.616,11/09/96	1005.5	1144.9	1179.1	1174.9	1198.3	1186.8	1177.1	1195.6	1184.8	1175.5	1149.9	1128.5	1185.2	1137.3	1140.4	1151.3
16:56:07.633,11/09/96	1005.7	1144.7	1178.2	1175.3	1197.6	1187	1176.5	1195.3	1184.5	1175.3	1149.4	1128.1	1184.8	1137.1	1140.5	1151.2
16:56:07.650,11/09/96	1010.9	1143.4	1177.3	1173.5	1197.1	1186.8	1176	1194.7	1184.1	1174.9	1148.6	1127.8	1184.3	1137.1	1140.2	1150.8
16:56:07.666,11/09/96	1009.9	1143.4	1176.9	1172.6	1196.5	1185.9	1175.5	1194.2	1183.9	1174.6	1148.3	1127.2	1183.9	1136.8	1139.6	1150.6
16:56:07.683,11/09/96	1009.1	1143.1	1178.9	1172.4	1195.8	1185.4	1174.9	1194	1183.7	1174	1147.7	1126.7	1183.6	1136.2	1139.1	1150.4
16:56:07.700,11/09/96	1006.8	1143.2	1178.2	1172.2	1195.3	1185.4	1174.6	1193.6	1183.6	1173.8	1147.4	1126.5	1183	1135.7	1139.1	1150.4
16:56:07.716,11/09/96	1009.1	1142.7	1176	1172.2	1194.9	1185.5	1174	1193.3	1183.2	1173.7	1146.8	1126	1182.7	1135.1	1139.3	1150.4
16:56:07.733,11/09/96	1013.5	1141.8	1175.6	1170.6	1194.2	1185.2	1173.7	1192.7	1183	1173.5	1146.3	1125.4	1182.7	1134.8	1139.1	1150.3
16:56:07.750,11/09/96	1009.9	1141.4	1175.3	1169.5	1193.6	1184.5	1173.3	1192.2	1182.7	1172.9	1145.6	1124.9	1182.3	1134.4	1138.4	1150.1
16:56:07.766,11/09/96	1008.1	1141.1	1176.4	1169.9	1192.9	1184.1	1172.9	1191.8	1182.7	1172.4	1145.2	1124.5	1181.9	1133.9	1138	1150.1
16:56:07.783,11/09/96	1005	1139.8	1176.4	1169.7	1192.6	1184.3	1172.6	1191.7	1182.5	1172	1144.7	1124	1181.8	1133.3	1138	1150.1
16:56:07.800,11/09/96	1010.2	1138.9	1174.6	1169.3	1192.2	1184.5	1172.4	1191.1	1182.1	1171.9	1144.1	1123.6	1181.4	1132.8	1137.8	1150.1
16:56:07.816,11/09/96	1016	1137.8	1174	1167.7	1191.8	1184.1	1172	1190.6	1181.9	1171.3	1143.8	1123.1	1181	1132.6	1137.3	1149.9
16:56:07.833,11/09/96	1014.4	1137.3	1174.2	1166.8	1191.5	1183.4	1171.9	1190.2	1181.8	1170.8	1143.4	1122.7	1180.9	1132.1	1136.4	1149.9

Table 4. Inch Raw Data

16:56:07.850,11/09/96	1009	1137.5	1175.5	1167.5	1191.1	1182.8	1171.7	1190	1181.8	1170.6	1143.1	1122.4	1180.5	1131.5	1136.2	1150.1
16:56:07.866,11/09/96	1005	1136	1175.5	1167.5	1190.9	1183.2	1171.5	1190	1181.6	1170.4	1142.9	1122	1180	1131.4	1136.2	1150.1
16:56:07.883,11/09/96	1005.9	1135.5	1173.5	1168.1	1190.6	1183.7	1171.3	1190.4	1181	1170.2	1142.7	1121.6	1179.6	1131.7	1136	1149.9
16:56:07.900,11/09/96	1010.8	1133.7	1172.9	1166.5	1190.4	1183.7	1171.1	1190.6	1180.7	1169.5	1142.7	1121.3	1179.2	1132.1	1135.5	1149.5
16:56:07.916,11/09/96	1015.1	1133.5	1171.9	1165.6	1190	1183	1171	1190.8	1180.3	1169	1143.2	1120.9	1178.9	1132.3	1134.8	1149.5
16:56:07.933,11/09/96	1012.2	1132.8	1173.3	1164.5	1189.7	1182.1	1170.8	1190.4	1180.3	1168.3	1143.2	1120.6	1178.5	1132.1	1134.4	1149.5
16:56:07.950,11/09/96	1008.6	1132.6	1174.2	1165.2	1189.3	1181.8	1170.4	1191.7	1180.3	1168.3	1143.8	1120.6	1178	1132.4	1134.4	1149.5
16:56:07.966,11/09/96	1011.8	1131.7	1174	1165.4	1189.1	1181.8	1170.2	1192.7	1180.1	1168.3	1145	1120.2	1177.6	1133.5	1134.6	1149.5
16:56:07.983,11/09/96	1013.1	1131	1172.2	1165.2	1189	1182.3	1169.9	1193.5	1179.6	1167.9	1146.1	1120.2	1177.1	1134.8	1134.4	1149.4
16:56:08.000,11/09/96	1021	1129.7	1171.1	1163.8	1188.8	1182.1	1169.7	1193.6	1179.1	1167.2	1145.8	1120	1176.7	1135	1133.9	1149.2
16:56:08.016,11/09/96	1019.4	1129.2	1169.7	1162.5	1188.4	1181.4	1169.5	1192.9	1178.5	1166.5	1145.4	1119.8	1176.2	1134.2	1133.2	1149.2
16:56:08.033,11/09/96	1018	1128.7	1171.7	1161.6	1187.9	1180.3	1169.3	1192.4	1178.5	1166.1	1145.4	1119.7	1175.6	1133.3	1133	1149.2
16:56:08.050,11/09/96	1013.3	1129	1172.8	1162.5	1187.7	1179.6	1169.3	1192	1178.5	1166.3	1144.7	1119.7	1175.1	1132.4	1133.2	1149.4
16:56:08.066,11/09/96	1010.9	1128.1	1173.1	1162.7	1187.3	1179.4	1169.2	1193.1	1178.3	1166.5	1145.8	1119.7	1174.7	1133	1133.5	1149.2
16:56:08.083,11/09/96	1011.8	1127.8	1173.1	1164.1	1187	1180	1169	1193.6	1177.8	1166.5	1145.9	1119.7	1174.2	1133.3	1133.3	1149.2
16:56:08.100,11/09/96	1010.8	1127	1171	1163.9	1186.6	1180.5	1169	1193.5	1176.9	1166.1	1145.4	1119.5	1173.8	1133.2	1132.8	1149
16:56:08.116,11/09/96	1018	1125.8	1169.3	1162.9	1186.4	1180.7	1169	1192.2	1176	1165	1144.5	1119.1	1173.5	1132.3	1131.9	1149
16:56:08.133,11/09/96	1021	1125.6	1168.1	1162.3	1186.1	1180	1168.8	1190.6	1175.5	1164.1	1143.4	1119.1	1173.1	1131.2	1131	1149
16:56:08.150,11/09/96	1020.3	1124.9	1166.5	1160.5	1185.5	1178.5	1168.8	1188.8	1175.1	1163.2	1142.7	1119.1	1172.6	1129.9	1130.6	1149.2
16:56:08.166,11/09/96	1019.9	1124.3	1168.4	1159.3	1185	1176.7	1169	1187.5	1175.3	1162.9	1142	1119.1	1172.2	1128.7	1130.8	1149.4
16:56:08.183,11/09/96	1018.3	1124.7	1170.1	1160	1184.6	1175.5	1169.2	1186.8	1175.3	1163.4	1141.1	1119.5	1171.9	1127.6	1131.2	1149.5
16:56:08.200,11/09/96	1010.2	1124.9	1171	1162.1	1184.1	1174.7	1169.5	1186.3	1175.3	1165.2	1140.4	1119.5	1172.2	1126.5	1131.5	1149.7
16:56:08.216,11/09/96	1003.7	1124.2	1171.9	1164.1	1183.7	1174.7	1170.8	1186.1	1175.1	1167	1139.5	1119.5	1174	1126	1131.9	1149.7
16:56:08.233,11/09/96	1002.3	1124	1172.9	1167.9	1183.6	1175.6	1171.1	1185.9	1174.4	1168.8	1138.4	1119.5	1174.6	1125.6	1131.7	1149.5
16:56:08.250,11/09/96	999.23	1123.8	1171.3	1169.9	1183.4	1176.7	1171.3	1185.5	1173.3	1169	1137.3	1119.5	1174.4	1125.2	1131.2	1149.5
16:56:08.266,11/09/96	996.89	1122.9	1169.2	1170.4	1183	1177.8	1171.1	1185	1172.2	1168.4	1136.4	1119.5	1174.2	1125.1	1130.1	1149.5
16:56:08.283,11/09/96	1000.3	1121.5	1167.2	1169.5	1183	1178.5	1170.8	1183.9	1171	1167.2	1135.5	1119.3	1174	1124.9	1129	1149.5
16:56:08.300,11/09/96	1007.5	1120.6	1165.7	1168.1	1182.8	1178.5	1170.6	1182.5	1170.1	1165.7	1135.1	1119.3	1173.5	1124.3	1128.1	1149.7
16:56:08.316,11/09/96	1012.4	1120.2	1163.8	1167	1182.7	1177.8	1170.2	1181	1169.3	1164.3	1135	1119.3	1173.1	1123.8	1127.2	1149.9
16:56:08.333,11/09/96	1012.2	1119.5	1162	1164.7	1182.3	1176.2	1170.1	1179.8	1169	1163.2	1135	1119.3	1172.4	1123.1	1126.9	1149.9
16:56:08.350,11/09/96	1012.9	1118.8	1163.6	1162.7	1181.8	1174.4	1169.7	1178.7	1169.2	1162.9	1135	1119.3	1171.9	1122.4	1127	1150.1
16:56:08.366,11/09/96	1014.4	1118.8	1165.7	1161.8	1181.4	1172.4	1169.5	1178.2	1169.5	1163	1135	1119.7	1171.3	1121.6	1127.6	1150.3
16:56:08.383,11/09/96	1007.5	1119.3	1167	1162.3	1180.9	1171.1	1169.3	1177.8	1169.7	1163.6	1134.8	1119.7	1170.8	1121.1	1128.1	1150.4
16:56:08.400,11/09/96	1001.4	1119.5	1168.4	1162.7	1180.7	1170.2	1169	1178	1169.9	1164.5	1134.8	1119.8	1170.4	1120.7	1128.7	1150.4
16:56:08.416,11/09/96	995.09	1118.9	1169.3	1162.9	1180.3	1170.1	1168.8	1178.2	1170.1	1165.2	1134.2	1119.8	1170.2	1120.7	1129.2	1150.4

Table 4. Inch Raw Data

	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
11:55:28.266,10/25/9	76.19	45.95	133.25	87.71	69.17	69.89	70.25	70.25	70.61	70.79	69.89	70.07	69.71	69.17	72.23	72.05
11:55:28.283,10/25/9	133.97	46.67	169.25	86.99	69.17	70.43	68.99	70.43	70.97	70.97	70.07	70.07	70.07	69.35	72.59	72.05
11:55:28.300,10/25/9	183.65	56.75	208.49	86.99	69.35	70.43	68.63	70.25	71.15	71.33	70.25	70.25	70.79	69.53	72.59	72.05
11:55:28.316,10/25/9	241.25	89.51	250.97	87.89	69.53	70.61	69.17	70.43	71.33	71.51	70.25	70.61	70.97	69.71	72.59	72.05
11:55:28.333,10/25/9	282.47	136.67	307.67	89.51	70.07	71.51	70.07	70.97	71.87	71.33	70.07	70.43	70.07	69.53	72.41	72.23
11:55:28.350,10/25/9	351.23	194.27	377.87	89.69	70.43	73.13	70.25	71.33	72.77	71.33	70.07	70.61	69.89	69.35	72.59	72.41
11:55:28.366,10/25/9	437.63	263.57	452.57	88.25	70.97	75.11	69.17	71.69	73.49	71.33	69.89	70.61	70.43	69.17	73.13	72.41
11:55:28.383,10/25/9	531.05	340.43	519.35	87.53	72.77	76.91	69.35	71.87	76.19	71.69	70.25	71.51	70.97	69.35	73.31	72.41
11:55:28.400,10/25/9	613.31	415.31	579.29	86.09	78.71	79.07	71.33	72.23	88.25	71.69	70.61	72.23	70.79	70.07	73.31	72.41
11:55:28.416,10/25/9	674.85	488.93	636.89	83.03	90.41	82.49	72.41	72.77	126.05	71.51	71.15	72.95	70.25	69.71	73.67	72.41
11:55:28.433,10/25/9	748.31	562.19	696.29	78.35	105.35	86.63	72.05	73.85	184.01	71.87	71.33	73.49	70.43	70.07	74.39	72.59
11:55:28.450,10/25/9	765.95	629.87	753.89	77.27	122.63	92.57	71.33	74.57	252.41	72.59	71.51	74.39	71.69	70.79	74.75	72.77
11:55:28.466,10/25/9	795.29	684.77	808.61	79.79	140.81	115.97	72.41	75.29	323.87	73.31	71.87	74.93	72.23	71.51	74.93	72.95
11:55:28.483,10/25/9	830.57	727.25	855.41	82.13	160.61	167.63	75.47	76.19	393.35	73.85	72.05	75.29	71.69	71.69	75.29	73.13
11:55:28.500,10/25/9	902.57	771.17	897.17	79.61	180.59	238.91	90.77	77.09	455.99	74.75	72.23	75.83	71.87	71.87	76.01	72.95
11:55:28.516,10/25/9	955.49	819.41	933.71	73.85	207.05	319.73	134.51	77.63	511.25	75.47	72.59	76.55	73.31	72.59	76.73	73.31
11:55:28.533,10/25/9	947.57	860.09	967.37	73.85	246.11	403.79	202.55	78.53	559.31	76.37	72.95	77.27	74.21	73.49	77.09	73.85
11:55:28.550,10/25/9	935.33	889.61	1002.8	78.17	291.29	486.59	284.63	79.43	601.79	76.73	72.95	77.63	73.85	73.85	77.63	74.21
11:55:28.566,10/25/9	981.59	919.13	1035.2	79.25	338.09	564.17	370.13	79.97	639.23	77.27	73.13	78.17	74.21	74.03	78.17	74.57
11:55:28.583,10/25/9	1041.2	954.77	1056.8	76.91	388.13	634.37	453.11	80.51	672.35	83.93	73.67	78.35	75.29	74.75	78.89	74.93
11:55:28.600,10/25/9	1064.8	991.85	1073.2	73.85	446.63	697.73	533.57	81.05	704.03	119.21	74.21	79.43	76.37	75.65	79.43	75.47
11:55:28.616,10/25/9	1045.3	1018.9	1094.6	75.29	514.49	754.97	610.43	81.95	739.67	155.03	74.57	80.15	76.37	76.37	79.43	76.01
11:55:28.633,10/25/9	1045	1039.4	1118.9	78.89	587.39	807.53	681.35	82.85	775.31	191.03	74.75	80.69	76.73	76.55	80.15	76.73
11:55:28.650,10/25/9	1100.9	1063.1	1136.6	78.53	658.31	855.23	745.25	83.57	814.55	246.11	75.29	81.77	78.35	77.27	81.23	77.27
11:55:28.666,10/25/9	1124	1089.6	1145.8	75.29	726.35	898.43	804.29	84.11	853.43	304.97	75.65	82.85	79.97	78.17	81.77	77.99
11:55:28.683,10/25/9	1098.2	1106.2	1159.4	77.45	788.09	937.67	857.75	89.87	887.09	362.93	76.37	85.01	80.69	78.89	82.13	78.89
11:55:28.700,10/25/9	1122.2	1118.6	1173.5	79.61	843.53	974.21	904.55	122.27	916.07	417.83	76.73	85.73	81.95	79.25	83.57	79.97
11:55:28.716,10/25/9	1155.5	1139.6	1181.6	75.11	893.93	1007	946.31	172.13	941.81	468.95	77.45	86.81	85.01	80.15	84.83	81.23
11:55:28.733,10/25/9	1138.4	1152.8	1190.6	84.29	938.21	1036.5	985.01	223.07	964.31	515.93	77.99	87.71	87.89	81.23	85.73	82.67
11:55:28.750,10/25/9	1152.3	1160.2	1195.3	120.11	976.37	1062.6	1021	272.57	984.83	558.59	78.35	88.61	89.69	81.77	86.27	84.83
11:55:28.766,10/25/9	1167.5	1172.8	1207.9	179.69	1010	1087.3	1051.1	319.19	1007.5	599.45	78.89	89.51	92.75	82.49	87.71	86.81
11:55:28.783,10/25/9	1186.3	1182.1	1214.2	256.01	1039.4	1108.3	1079.2	383.09	1033.4	648.95	79.43	90.41	96.35	83.21	88.79	88.79
11:55:28.800,10/25/9	1169.9	1189.3	1216	338.63	1064.9	1126.9	1105.6	454.37	1055.6	703.85	82.31	91.49	98.51	83.93	89.51	90.77
11:55:28.816,10/25/9	1151.7	1189.1	1227.7	425.93	1086.9	1144.1	1127.6	520.61	1074.8	756.05	94.91	92.75	105.17	84.11	90.59	92.75
11:55:28.833,10/25/9	1188.8	1193.6	1230.2	505.49	1105.6	1159.3	1146.3	579.47	1091	801.05	111.83	94.37	146.75	84.83	91.85	94.73
11:55:28.850,10/25/9	1161.8	1198.9	1233.8	584.15	1123.6	1172.4	1163.8	631.67	1104.5	841.91	131.81	96.71	209.75	85.91	92.93	96.89
11:55:28.866,10/25/9	1154.2	1197.8	1236.3	658.67	1141.4	1185.2	1179.6	679.91	1113.9	879.89	153.41	99.23	279.23	86.45	94.73	98.87

Table 5. 1/2 Inch Raw Data

11:55:28.883,10/25/9	1170.8	1204.3	1242.6	721.85	1158.2	1197.2	1191.1	731.03	1121.8	914.63	176.09	102.11	356.09	87.53	97.43	100.85
11:55:28.900,10/25/9	1180	1206.1	1247.1	783.23	1172.8	1207.3	1201	781.25	1128.8	948.65	201.47	109.67	427.01	89.33	99.77	102.65
11:55:28.916,10/25/9	1183.2	1207.7	1244.9	839.75	1185.9	1216.3	1211.5	825.53	1133	981.77	238.37	134.15	492.17	91.49	101.75	104.27
11:55:28.933,10/25/9	1165.6	1202.3	1252.9	891.95	1197.2	1225.5	1217.9	864.59	1139.6	1011.7	280.13	160.07	550.31	105.89	104.27	106.43
11:55:28.950,10/25/9	1187.3	1207.1	1253.8	935.87	1206.6	1233.6	1221.4	901.85	1146.1	1039.9	322.61	186.71	603.77	125.33	107.51	108.77
11:55:28.966,10/25/9	1171.1	1203.2	1255.6	979.97	1214.2	1240.4	1225.7	938.39	1149.2	1064.9	364.37	211.73	650.75	144.23	110.93	111.29
11:55:28.983,10/25/9	1178	1199.2	1255	1017.2	1219.7	1246.7	1232	971.51	1152.1	1085.8	404.15	234.59	691.43	162.77	115.07	113.63
11:55:29.000,10/25/9	1192	1197.2	1261.1	1050	1223.9	1252.5	1236.1	1001	1158.2	1104.5	443.93	255.47	729.23	180.59	119.93	115.79
11:55:29.016,10/25/9	1193.6	1201.2	1259.7	1078.6	1227.1	1256.1	1241.7	1026.4	1162.5	1121.3	486.77	289.31	762.53	198.41	124.07	117.59
11:55:29.033,10/25/9	1185.3	1200.8	1259.5	1106.3	1228.9	1259.3	1248.2	1048.6	1164.8	1135.7	533.21	351.95	795.11	215.15	128.39	119.39
11:55:29.050,10/25/9	1177.8	1208.8	1267.8	1128.1	1230.2	1262.4	1250.9	1067.3	1166.1	1147.7	582.71	420.35	836.33	230.81	146.03	130.37
11:55:29.066,10/25/9	1198.3	1218.5	1264	1147	1231.1	1264.2	1254.5	1082.2	1165.9	1157.5	632.93	483.35	877.37	251.87	200.57	164.57
11:55:29.083,10/25/9	1185	1220.6	1264.9	1166.6	1232.9	1266.5	1258.6	1095	1165	1165	680.45	538.07	912.83	297.59	265.19	206.69
11:55:29.100,10/25/9	1203.4	1229.1	1268.9	1179.1	1236.8	1269.8	1260.1	1105.3	1163.6	1171.9	724.73	585.77	945.05	364.01	329.99	250.97
11:55:29.116,10/25/9	1231.8	1236.7	1266.7	1190.9	1241	1272.1	1262.2	1114.6	1162.3	1178.2	765.59	627.89	974.39	434.93	390.65	295.25
11:55:29.133,10/25/9	1218.3	1237.7	1267.3	1204.1	1244	1274.5	1264.9	1126	1162.3	1183.2	802.67	664.25	998.51	501.17	446.27	339.35
11:55:29.150,10/25/9	1237.9	1242.1	1269.4	1211.5	1245.7	1277.9	1264.9	1136.9	1163.8	1188.2	836.69	696.47	1020.1	561.11	497.03	380.75
11:55:29.166,10/25/9	1247.5	1247.8	1269.4	1219	1246.9	1280.6	1265.8	1147.2	1165.7	1194	868.19	725.81	1039.9	616.01	542.93	418.91
11:55:29.183,10/25/9	1215.1	1249.1	1268.9	1226.8	1247.5	1282.9	1268.2	1156.4	1167.4	1199	897.17	755.33	1055.4	664.97	583.79	454.91
11:55:29.200,10/25/9	1232	1250	1272.3	1231.6	1246.6	1286.5	1268.5	1163.8	1169.2	1203.9	924.17	784.49	1070.7	708.71	621.59	487.31
11:55:29.216,10/25/9	1220.3	1254.8	1274.6	1235.6	1249.8	1288.9	1268.3	1169.3	1171	1208.8	949.37	812.21	1085.3	748.13	655.61	516.47
11:55:29.233,10/25/9	1192.7	1256.5	1273.4	1239.5	1253.9	1290.7	1269.2	1173.3	1172.8	1212.4	972.23	837.59	1096.1	783.41	686.03	542.75
11:55:29.250,10/25/9	1215.2	1257.2	1276.3	1242.2	1257.9	1293.2	1268.3	1176	1176.7	1216	992.93	860.81	1106.5	815.09	714.47	566.33
11:55:29.266,10/25/9	1203.4	1261.7	1278.2	1244.2	1262	1294.8	1266.4	1178.9	1180.3	1219.6	1012	884.03	1117.3	844.97	740.21	587.93
11:55:29.283,10/25/9	1171.5	1261.7	1276.1	1247.6	1265.5	1295.9	1266.4	1181	1182.8	1222.1	1029.5	905.99	1125.8	871.07	763.07	607.37
11:55:29.300,10/25/9	1199.4	1261	1279.1	1249.4	1267.8	1297.9	1265.3	1182.7	1185.2	1224.4	1044.8	926.87	1134.4	894.11	784.67	624.83
11:55:29.316,10/25/9	1189.5	1264.6	1281.3	1250.2	1270.5	1298.9	1264.2	1183.6	1187.3	1226.2	1059.2	947.39	1143.2	915.53	804.11	640.49
11:55:29.333,10/25/9	1161.8	1263.8	1279.3	1252.5	1272.7	1299.1	1264.7	1184.6	1190.6	1226.9	1072.1	966.83	1149.2	934.43	821.57	654.89
11:55:29.350,10/25/9	1183.7	1262.9	1282.2	1252.7	1273.6	1300.7	1262.9	1185.9	1194.9	1227.8	1083.7	984.83	1154.6	950.63	838.31	667.85
11:55:29.366,10/25/9	1183.9	1266	1283.5	1252.1	1274.3	1301.6	1259.7	1187.3	1199	1229.5	1094.3	1002.1	1160.3	965.93	853.43	679.01
11:55:29.383,10/25/9	1162.5	1264.2	1282.4	1253.2	1274.8	1301.5	1259.2	1189	1203.2	1230.2	1103.5	1018.1	1164.5	979.07	866.93	689.63
11:55:29.400,10/25/9	1186.6	1262.2	1285.3	1251.4	1274.8	1303.3	1258.1	1190.2	1206.6	1230.5	1111.2	1033.3	1170.2	990.41	880.07	698.99
11:55:29.416,10/25/9	1204.1	1263.1	1284.9	1250	1275.4	1303.6	1257.5	1190.6	1211.3	1230.9	1117.9	1048.7	1176.9	1000.7	891.77	707.99
11:55:29.433,10/25/9	1196.9	1256.8	1284.2	1251.1	1275.4	1303.8	1258.3	1191.3	1214.3	1230.5	1123.6	1063.1	1180.7	1010	902.57	716.09
11:55:29.450,10/25/9	1220.3	1255.2	1287.2	1248.7	1275	1304.5	1255.9	1191.8	1217.4	1230.5	1128.8	1076.5	1184.6	1018	913.01	723.47
11:55:29.466,10/25/9	1235	1255.7	1283.8	1247.6	1274.8	1304.2	1254.5	1192.4	1220.1	1230.5	1133.9	1089.1	1187.9	1025.3	922.19	729.95
11:55:29.483,10/25/9	1231.5	1248.2	1282.4	1249.6	1273.9	1304.3	1255.4	1193.8	1222.4	1230	1138.9	1101.1	1188.8	1031.3	930.29	735.89
11:55:29.500,10/25/9	1227.7	1246.9	1286.5	1248.7	1272.3	1304.9	1252.9	1195.4	1224.8	1230.2	1144.5	1112.6	1192.7	1036.9	938.75	741.29

Table 5. 1/2 Inch Raw Data

11:55:29.516,10/25/9	1214.7	1244.8	1283.8	1249.4	1269.4	1304.3	1252.1	1197.2	1226.6	1230.5	1149.7	1124	1195.8	1041.9	945.77	746.15
11:55:29.533,10/25/9	1199.2	1237.6	1284.5	1251.1	1264.6	1305.1	1250.9	1200.1	1228.4	1230.9	1155.5	1134.2	1197.4	1045.9	952.43	750.65
11:55:29.550,10/25/9	1208.4	1237.9	1286	1250	1258.8	1305.2	1247.5	1202.6	1230.7	1231.8	1161.1	1144.1	1201	1049.1	959.09	754.79
11:55:29.566,10/25/9	1204.1	1233.2	1281.1	1251.6	1253	1305.2	1246.6	1205.7	1233.1	1232.7	1165.2	1153.5	1204.1	1051.4	964.67	758.57
11:55:29.583,10/25/9	1206.1	1226.9	1284.7	1253	1246.7	1306	1245.1	1207.7	1235.4	1233.8	1169.5	1162	1207.3	1054.3	970.25	761.81
11:55:29.600,10/25/9	1213.3	1228.6	1284.5	1252	1240.6	1305.8	1244.6	1210.2	1237.2	1235.6	1173.5	1170.1	1212.5	1056.3	975.65	764.87
11:55:29.616,10/25/9	1206.8	1224.6	1281.8	1253.2	1235	1305.4	1247.3	1213.6	1238.1	1236.5	1177.1	1177.1	1215.4	1059	979.79	767.75
11:55:29.633,10/25/9	1224.6	1222.6	1284.4	1251.1	1228.9	1305.8	1246.7	1216.7	1238.8	1237.4	1180.9	1183.7	1219.6	1061.3	984.65	770.27
11:55:29.650,10/25/9	1221.5	1223.3	1280	1250.3	1223.9	1304.7	1247.8	1219.4	1239	1238.3	1185.2	1190.9	1223.5	1064	988.61	772.61
11:55:29.666,10/25/9	1223.5	1216	1278.4	1250.5	1220.1	1304.7	1249.8	1222.3	1240.1	1238.6	1189.1	1197.4	1225.9	1065.5	992.21	774.95
11:55:29.683,10/25/9	1230.2	1217.2	1280.6	1249.8	1218.5	1304.5	1249.6	1224.2	1241.5	1239.2	1193.5	1203.7	1230.2	1067.3	995.81	776.93
11:55:29.700,10/25/9	1220.5	1214.5	1275.4	1251.1	1218.7	1303.6	1252.1	1226.6	1243	1238.8	1197.6	1210	1231.8	1068.9	998.51	778.37
11:55:29.716,10/25/9	1221.9	1211.3	1278.2	1251.1	1219.2	1303.6	1252.1	1228.9	1244.2	1237.9	1201.9	1215.2	1232.9	1070	1002.8	780.35
11:55:29.733,10/25/9	1243.7	1215.2	1274.6	1248	1219.7	1302.2	1251.8	1230.5	1245.5	1237.6	1206.4	1221	1234.9	1071.6	1009	783.23
11:55:29.750,10/25/9	1245.5	1210.4	1271.8	1248.2	1220.1	1302	1253.8	1232.5	1246.4	1236.3	1210.2	1225.9	1235.2	1072.5	1016.9	787.19
11:55:29.766,10/25/9	1247.6	1210.9	1273.7	1244.9	1220.5	1302	1253	1233.8	1247.5	1235.2	1214.3	1230.5	1237.7	1073.6	1027	792.23
11:55:29.783,10/25/9	1225.1	1209.5	1266	1244.8	1221.4	1300.9	1255.2	1235.6	1248.4	1233.8	1218.1	1235.2	1239.4	1075.2	1037.2	798.17
11:55:29.800,10/25/9	1221.4	1206.8	1266.5	1244.9	1221.9	1301.1	1255.9	1237.6	1249.4	1232	1221.5	1239.4	1239.5	1075.9	1048.2	805.37
11:55:29.816,10/25/9	1230	1210	1263.7	1242.2	1222.6	1300.4	1254.8	1238.5	1250.3	1231.3	1225.3	1243.5	1241.3	1077.5	1057.7	813.29
11:55:29.833,10/25/9	1221.4	1204.8	1257.7	1242.4	1223.5	1299.3	1256.3	1239.5	1250.9	1230	1228.9	1246.9	1241.2	1079.3	1066	821.93
11:55:29.850,10/25/9	1228.9	1203.5	1259.7	1240.4	1224.4	1298.9	1255.4	1240.6	1251.8	1229.5	1232.3	1250	1242.1	1081.7	1074.7	830.93
11:55:29.866,10/25/9	1221.4	1202.6	1253.2	1240.1	1225.7	1297.3	1256.8	1241.3	1252.5	1229.5	1235.8	1252.9	1242.1	1085.5	1081.7	840.83
11:55:29.883,10/25/9	1214.5	1197.8	1252.9	1239.9	1226.8	1296.8	1257.5	1242.4	1253.4	1229.5	1238.8	1255.4	1240.3	1088.9	1088.5	851.63
11:55:29.900,10/25/9	1224.1	1201.4	1250	1235.2	1227.8	1295.7	1255.7	1243	1254.3	1230.7	1242.1	1258.1	1240.3	1093.4	1095.7	863.33
11:55:29.916,10/25/9	1221.9	1196.5	1245.7	1234.5	1228.4	1294.6	1256.5	1243.9	1254.8	1231.4	1244.8	1260.6	1237.6	1097.3	1102.2	876.65
11:55:29.933,10/25/9	1218.7	1196	1247.6	1230.9	1228.7	1294.1	1254.3	1244.4	1255.6	1232.2	1246.9	1262.8	1236.7	1101.1	1109.2	891.77
11:55:29.950,10/25/9	1193.5	1193.5	1243.3	1230.7	1229.6	1292.8	1255.4	1244.9	1255.9	1232	1248.5	1264.9	1234.3	1104.7	1115.3	907.97
11:55:29.966,10/25/9	1202.8	1189.9	1248.4	1228.2	1229.8	1292.8	1253.9	1245.5	1256.3	1232.2	1249.4	1266.7	1232.3	1108	1122	925.07
11:55:29.983,10/25/9	1198.9	1189.5	1246.2	1226.9	1230.4	1291.2	1253.6	1245.3	1256.6	1232.9	1250.2	1268.7	1231.4	1112.1	1128.5	942.35
11:55:30.000,10/25/9	1183.6	1182.5	1248.2	1227.3	1230.7	1290.8	1254.1	1245.8	1257	1233.4	1250.2	1270.3	1228.9	1115.9	1135.3	959.81
11:55:30.016,10/25/9	1212.7	1187	1247.5	1223.7	1232	1289.9	1252.5	1245.8	1257.4	1234.9	1250	1271.9	1228.7	1120.9	1142.2	977.27
11:55:30.033,10/25/9	1208.3	1183.9	1245.7	1223.7	1232.7	1288.7	1253.2	1246.4	1257.2	1235.4	1248.7	1273.4	1225.7	1126	1148.3	994.37
11:55:30.050,10/25/9	1203.2	1185.9	1250	1223.2	1233.8	1288.1	1251.1	1246.4	1257.4	1236.3	1247.5	1274.6	1225.3	1131	1155.1	1011.1
11:55:30.066,10/25/9	1175.1	1183.6	1246.9	1225.1	1235.2	1286.2	1251.6	1246.7	1257.2	1236.7	1245.7	1276.1	1223.2	1136.4	1162	1027
11:55:30.083,10/25/9	1196.7	1182.5	1249.4	1222.8	1235.9	1285.8	1249.1	1247.3	1256.8	1236.7	1243.7	1277.2	1222.1	1141.1	1169.3	1041.9
11:55:30.100,10/25/9	1194	1183.4	1241.9	1223	1237	1284.2	1249.4	1247.5	1256.3	1236.5	1241.9	1278.4	1220.8	1146.3	1176	1055.9
11:55:30.116,10/25/9	1197.8	1182.1	1244.6	1223.3	1237.7	1283.8	1248.5	1248	1255.9	1235.9	1240.1	1279.1	1219	1150.3	1182.7	1068.9
11:55:30.133,10/25/9	1203.2	1186.6	1243.9	1222.6	1238.6	1282.7	1246.7	1248	1255.6	1236.8	1238.3	1280.2	1218.8	1154.8	1188.2	1081.1

Table 5. 1/2 Inch Raw Data

11:55:30.150,10/25/9	1185.2	1180.5	1244.6	1225.9	1239.2	1283.3	1247.6	1248.5	1255.4	1237	1236.3	1280.4	1216.5	1157.8	1193.3	1092.3
11:55:30.166,10/25/9	1213.6	1187.2	1242.6	1224.2	1240.1	1283.3	1245.7	1248.4	1255.2	1238.3	1238.2	1280.8	1216.9	1161.6	1198.3	1102.6
11:55:30.183,10/25/9	1205.9	1186.1	1239.5	1225.9	1240.6	1282.7	1246.4	1249.3	1254.7	1239.2	1233.8	1280.8	1214.7	1164.8	1202.5	1111.9
11:55:30.200,10/25/9	1203	1189.3	1244.4	1226.4	1241.5	1282.2	1243.9	1250	1254.8	1240.4	1233.1	1279.9	1215.1	1168.3	1207	1120.6
11:55:30.216,10/25/9	1179.2	1187	1241.3	1229.3	1242.6	1280.9	1244.9	1250.2	1254.5	1241.2	1233.2	1278.4	1213.3	1171	1210.2	1128.5
11:55:30.233,10/25/9	1209.1	1186.8	1243.9	1227.5	1243.1	1280.6	1242.8	1251.1	1254.5	1242.4	1233.2	1276.3	1213.1	1172.6	1214.3	1136
11:55:30.250,10/25/9	1201	1187.2	1237	1227.8	1244.8	1279	1243.9	1251.6	1254.1	1243.5	1234.1	1274.6	1212.5	1174.9	1217	1142.9
11:55:30.266,10/25/9	1190.2	1186.3	1242.1	1226.9	1245.5	1278.8	1242.6	1252.5	1253.9	1244.2	1234.9	1272.8	1211.3	1176	1220.3	1149.5
11:55:30.283,10/25/9	1185.9	1187.5	1239.5	1226.9	1246.7	1277.2	1242.6	1252.5	1253.9	1245.5	1235.8	1271.8	1211.5	1177.4	1222.1	1155.1
11:55:30.300,10/25/9	1182.1	1182.3	1238.8	1228.7	1247.5	1277	1243.9	1253.2	1253.9	1245.8	1236.7	1270.5	1209.5	1178	1223.7	1160.9
11:55:30.316,10/25/9	1196.5	1189.1	1236.3	1225	1248.4	1276.1	1242.6	1253.2	1253.9	1246.9	1237.6	1270	1209.5	1179.4	1225	1165.9
11:55:30.333,10/25/9	1164.8	1182.7	1236.1	1226.8	1249.1	1274.8	1243.7	1253.6	1253.9	1247.3	1237.9	1269.4	1207.1	1180.1	1225.5	1170.4
11:55:30.350,10/25/9	1170.8	1184.6	1238.5	1226.2	1250.2	1273.6	1242.2	1253.2	1254.3	1248.2	1238.6	1269.6	1207.1	1181.6	1226.4	1174.6
11:55:30.366,10/25/9	1180.3	1182.8	1234.1	1227.1	1251.1	1271.6	1243.3	1253.2	1254.1	1248.4	1238.8	1269.1	1205	1183	1226.2	1178.3
11:55:30.383,10/25/9	1193.3	1185.4	1237.2	1224.4	1251.6	1269.4	1241.2	1253	1254.5	1249.3	1239	1268.7	1205	1183.9	1227.3	1181.6
11:55:30.400,10/25/9	1139.5	1184.1	1234	1223.7	1252.5	1266.4	1242.1	1252.9	1254.1	1249.4	1238.5	1268	1203.7	1185.2	1228.2	1184.8
11:55:30.416,10/25/9	1165.9	1182.7	1237.6	1220.6	1252.3	1265.5	1240.1	1252.5	1254.1	1249.6	1237.7	1267.4	1203.9	1185.9	1230	1187.5
11:55:30.433,10/25/9	1163.6	1183.7	1230.9	1219.6	1252.7	1262.9	1241	1252.1	1253.9	1250	1237.2	1267.4	1203.5	1187.2	1231.3	1190
11:55:30.450,10/25/9	1156.4	1183	1237.9	1217.2	1252.3	1261.9	1239.5	1252.1	1253.6	1250	1236.1	1266.7	1202.8	1187.7	1233.4	1192.6
11:55:30.466,10/25/9	1160.7	1183	1236.5	1217.8	1252.1	1259.7	1240.4	1251.8	1253.6	1250.2	1235.4	1266.5	1203	1189	1234.7	1194.7
11:55:30.483,10/25/9	1169.2	1180.9	1239.9	1218.5	1251.6	1259.2	1241	1252	1253.2	1250	1234.3	1266.2	1201.9	1189.1	1236.1	1196.5
11:55:30.500,10/25/9	1170.6	1185.4	1242.2	1216	1251.4	1257.5	1240.1	1251.6	1252.9	1250.5	1234	1266.2	1202.6	1190.4	1237.4	1198.3
11:55:30.516,10/25/9	1152.1	1178.2	1245.1	1218.3	1250.7	1257.4	1241.3	1251.6	1252.7	1250.3	1233.4	1265.5	1201	1190.6	1238.3	1199.8
11:55:30.533,10/25/9	1171	1185.7	1244.8	1213.6	1250.5	1256.5	1240.3	1251.4	1252	1250.9	1233.4	1265.5	1202.1	1191.7	1239.4	1201
11:55:30.550,10/25/9	1143.1	1178.5	1248	1216.1	1249.8	1256.5	1241	1251.4	1251.2	1250.5	1233.1	1264.9	1201	1192	1240.1	1202.3
11:55:30.566,10/25/9	1172	1183.4	1248.9	1214.2	1249.4	1256.3	1239.4	1250.9	1250.7	1251.1	1233.6	1264.9	1202.1	1192.9	1241	1203.4
11:55:30.583,10/25/9	1171.9	1181.2	1247.6	1214.5	1248.5	1255.6	1239.5	1251.1	1250	1250.7	1233.8	1265.1	1200.7	1193.5	1241.2	1204.6
11:55:30.600,10/25/9	1170.4	1183.4	1253.4	1214.3	1248	1255.2	1237.2	1250.7	1249.8	1250.9	1234.3	1264.9	1201.6	1194.2	1241.9	1205.5
11:55:30.616,10/25/9	1181.6	1181.8	1248	1215.6	1247.3	1254.1	1237.7	1250.9	1249.1	1250.3	1234.9	1264.7	1200.5	1195.1	1241.9	1206.4
11:55:30.633,10/25/9	1173.7	1185.9	1252.7	1214.9	1246.7	1253.4	1235.4	1250.9	1248.9	1250.5	1235.9	1264.9	1201.4	1196	1242.2	1207
11:55:30.650,10/25/9	1172.8	1183.4	1249.3	1217.9	1246.4	1252	1236.3	1251.2	1248.5	1250.3	1237.2	1265.3	1200.5	1197.2	1241.5	1207.5
11:55:30.666,10/25/9	1196.7	1186.4	1250.5	1216	1245.8	1251.2	1233.8	1251.2	1248.4	1250.3	1238.3	1265.3	1201	1198	1241.7	1207.9
11:55:30.683,10/25/9	1138.7	1185.9	1247.6	1217.8	1246.2	1250	1234.5	1251.2	1247.6	1250.3	1239.4	1265.5	1200.3	1198.9	1241.2	1208.4
11:55:30.700,10/25/9	1167.9	1185.4	1249.8	1216.1	1246	1250	1232.5	1251.1	1247.1	1250.2	1240.4	1265.5	1200.7	1199.6	1241.2	1208.8
11:55:30.716,10/25/9	1156.9	1187.9	1242.2	1216.1	1246.4	1248.4	1233.6	1250.7	1246.2	1249.8	1241.7	1265.6	1200.5	1200.7	1240.4	1209.3
11:55:30.733,10/25/9	1160.9	1187.9	1247.5	1215.8	1246.7	1248.4	1231.8	1250.9	1245.7	1249.6	1242.6	1265.5	1200.5	1201	1240.8	1209.7
11:55:30.750,10/25/9	1170.4	1189.7	1240.4	1217.8	1246.7	1246.9	1232.5	1250.5	1244.9	1249.3	1243.9	1265.8	1200.8	1201.9	1240.1	1210
11:55:30.766,10/25/9	1172.8	1189.3	1241.5	1218.8	1246.6	1246.7	1232.5	1250.7	1244.4	1248.5	1244.9	1265.6	1200.1	1202.5	1239.9	1210.4

Table 5. 1/2 Inch Raw Data

11:55:30.783,10/25/9	1174	1194.9	1240.1	1217.9	1246.9	1245.3	1231.8	1250.5	1243.9	1248.7	1246	1265.6	1201	1203.4	1239.5	1210.7
11:55:30.800,10/25/9	1151.9	1188.1	1240.8	1221.2	1247.1	1244.9	1233.4	1250.7	1243.5	1247.8	1246.9	1265.5	1199.8	1203.4	1239	1210.9
11:55:30.816,10/25/9	1183	1195.1	1239.7	1218.5	1247.6	1244	1232.3	1250.2	1243.3	1247.6	1248	1265.5	1200.7	1204.1	1239	1211.3
11:55:30.833,10/25/9	1158.5	1192.2	1240.1	1219.9	1248.2	1243.1	1233.4	1250.3	1243	1246.9	1248.5	1265.6	1199.2	1204.1	1239	1211.6
11:55:30.850,10/25/9	1158.9	1195.1	1244.8	1219.7	1248.5	1242.6	1232.3	1249.8	1243.1	1246.7	1249.3	1265.8	1199.9	1204.4	1239	1212
11:55:30.866,10/25/9	1154.2	1193.8	1241.2	1220.3	1248.9	1241.5	1233.8	1249.6	1243	1246	1249.8	1265.6	1198.3	1204.6	1237.7	1212.4
11:55:30.883,10/25/9	1150.3	1196.7	1247.6	1219.6	1249.3	1241	1231.8	1249.3	1243	1245.8	1250.3	1265.5	1199.2	1204.6	1237.4	1212.9
11:55:30.900,10/25/9	1154.9	1193.1	1245.3	1222.4	1249.6	1240.1	1233.8	1248.7	1243	1245.1	1250.9	1265.3	1198.1	1204.3	1236.1	1213.1
11:55:30.916,10/25/9	1171	1196	1248.5	1220.3	1249.3	1239.9	1231.4	1248.4	1243	1244.9	1251.2	1265.1	1198.5	1203.9	1235.8	1213.3
11:55:30.933,10/25/9	1113	1194.7	1247.1	1222.4	1249.6	1239.2	1232	1247.8	1242.8	1244.2	1251.4	1264.9	1197.6	1203.5	1234.5	1213.4
11:55:30.950,10/25/9	1148.8	1194.5	1251.1	1220.6	1249.1	1239.4	1229.1	1247.1	1242.8	1243.5	1251.6	1264.4	1197.6	1202.5	1234.3	1213.6
11:55:30.966,10/25/9	1129.2	1196.2	1245.7	1221	1249.1	1238.5	1229.3	1246.7	1242.4	1243	1251.8	1264.6	1197.1	1202.1	1233.2	1213.8
11:55:30.983,10/25/9	1137.1	1194.2	1251.6	1221.5	1248.4	1239	1226.6	1246.4	1242.2	1242.6	1251.6	1264.2	1196.9	1200.7	1233.1	1214
11:55:31.000,10/25/9	1144	1195.4	1243.5	1221.7	1248	1238.3	1226.6	1245.8	1241.9	1241.9	1251.8	1264.2	1196.3	1199.9	1232	1214
11:55:31.016,10/25/9	1131.9	1195.1	1247.5	1219.9	1247.3	1238.6	1223.7	1245.7	1241.5	1241	1251.6	1264	1195.6	1198.7	1231.8	1214.5
11:55:31.033,10/25/9	1138.7	1195.3	1241.7	1220.8	1246.9	1237.9	1223.2	1245.1	1241.2	1240.1	1251.8	1264.2	1196	1198	1230.9	1214.3
11:55:31.050,10/25/9	1144.1	1194.9	1242.4	1220.5	1245.8	1238.5	1221.9	1245.3	1240.6	1238.6	1251.6	1263.8	1194.9	1196.7	1230.5	1214.5
11:55:31.066,10/25/9	1140.5	1198	1241.3	1218.8	1245.5	1237.6	1219.9	1244.4	1240.4	1237.9	1251.6	1264.2	1195.3	1195.8	1230	1214.5
11:55:31.083,10/25/9	1150.8	1193.3	1239.4	1219.4	1244.6	1238.3	1219.9	1244.4	1240.1	1236.5	1251.4	1264.2	1193.8	1194.2	1229.5	1214.5
11:55:31.100,10/25/9	1164.5	1200.3	1236.7	1214.9	1244	1237.7	1217.4	1243.9	1239.7	1235.8	1251.1	1264.6	1194.5	1193.5	1227.5	1214.5
11:55:31.116,10/25/9	1137.8	1191.8	1236.5	1217	1243.5	1238.3	1217.8	1243.9	1239.4	1234.1	1250.3	1264	1192.9	1191.8	1227.3	1214.7
11:55:31.133,10/25/9	1169.5	1198.5	1232	1212	1242.8	1238.3	1215.8	1243.5	1239	1233.2	1249.8	1264.6	1193.8	1191.3	1227.1	1214.7
11:55:31.150,10/25/9	1135.3	1192.9	1230.9	1212.9	1242.1	1238.3	1216	1243.5	1238.6	1231.8	1249.1	1264.2	1192.4	1190	1226.4	1214.9
11:55:31.166,10/25/9	1159.4	1196.3	1229.5	1210.6	1241.5	1238.3	1214.3	1243	1238.3	1231.1	1248.5	1264.4	1193.3	1189.5	1226.4	1214.9
11:55:31.183,10/25/9	1152.5	1194.2	1225.1	1210	1241	1237.9	1214.7	1243	1237.7	1229.6	1247.8	1264.2	1192	1188.6	1225.7	1215.1
11:55:31.200,10/25/9	1147.9	1196	1227.8	1209.8	1240.6	1237.7	1212.7	1242.6	1237.7	1228.9	1247.3	1263.7	1193.3	1187.9	1225.7	1215.2
11:55:31.216,10/25/9	1152.8	1194.5	1221.4	1210.6	1240.3	1237.2	1214.2	1242.6	1237.2	1227.7	1246.6	1263.3	1192.4	1187.2	1225	1215.2
11:55:31.233,10/25/9	1139.5	1198.1	1224.8	1209.5	1239.7	1237.2	1211.8	1242.2	1237	1227.1	1246.2	1263.1	1193.8	1186.4	1225	1215.4
11:55:31.250,10/25/9	1137.7	1194.9	1220.1	1212	1239.5	1236.5	1212.9	1241.9	1236.3	1225.7	1245.8	1262.9	1193.5	1185.9	1224.2	1215.6
11:55:31.266,10/25/9	1149.5	1198	1220.8	1208.9	1238.6	1236.7	1210.9	1241.7	1235.6	1224.8	1245.5	1262.4	1194.5	1185.4	1224.2	1215.4
11:55:31.283,10/25/9	1092.3	1196	1217.9	1210.4	1239	1235.9	1211.8	1241.5	1234.9	1223.2	1245.5	1262.2	1194.4	1185.2	1223.7	1215.6
11:55:31.300,10/25/9	1138.7	1196.2	1219.4	1207.7	1238.3	1236.1	1209.8	1241.2	1233.2	1222.1	1245.1	1261.7	1195.3	1184.8	1223.7	1215.2
11:55:31.316,10/25/9	1105.4	1196.9	1213.3	1208	1238.3	1235.9	1210.7	1241	1232.7	1220.6	1244.9	1261.5	1195.6	1184.8	1223.2	1215.2
11:55:31.333,10/25/9	1122.5	1194.9	1216.1	1207.5	1237.7	1235.8	1208.8	1240.4	1232.3	1219.6	1244.6	1261.1	1196.5	1184.3	1223.2	1215.4
11:55:31.350,10/25/9	1110.8	1197.1	1208.6	1206.1	1237.7	1234.5	1209.8	1239.9	1231.8	1218.3	1244.4	1261.3	1196.9	1184.3	1222.3	1215.2
11:55:31.366,10/25/9	1114.4	1195.6	1214.9	1205.7	1237.4	1234.5	1207.9	1239.9	1231.4	1217.2	1244.4	1260.8	1197.6	1183.7	1222.4	1215.1
11:55:31.383,10/25/9	1120.2	1196.5	1207.3	1206.2	1237.2	1232.9	1208.6	1239.4	1230.9	1216	1244.2	1260.6	1198.5	1183.7	1221.7	1214.9
11:55:31.400,10/25/9	1106	1196.3	1212	1204.6	1236.7	1232.7	1206.8	1239.4	1230.4	1215.1	1243.9	1260.1	1199.2	1183.4	1221.9	1215.1

Table 5. 1/2 Inch Raw Data

11:55:31.416,10/25/9	1111.6	1196.5	1207.3	1206.2	1236.7	1231.1	1207.1	1238.8	1229.8	1214	1243.7	1259.9	1200.3	1183.7	1221.5	1214.7
11:55:31.433,10/25/9	1113	1196.7	1209.3	1205.3	1235.9	1230.9	1207	1238.8	1229.1	1212.5	1243.5	1259.3	1200.8	1183.4	1221.5	1214.9
11:55:31.450,10/25/9	1107.8	1198.7	1209.1	1205.2	1235.8	1229.3	1205.9	1238.3	1228.6	1211.5	1243.3	1259.2	1202.5	1183.6	1221.4	1214.7
11:55:31.466,10/25/9	1113	1194	1208.4	1206.6	1234.9	1229.1	1206.2	1238.1	1227.8	1209.8	1243.3	1258.4	1202.3	1183	1221	1214.7
11:55:31.483,10/25/9	1125.4	1200.3	1207.3	1203.2	1235	1227.5	1204.1	1237.4	1227.3	1208.9	1242.4	1258.4	1204.1	1183	1220.8	1214.7
11:55:31.500,10/25/9	1098.6	1191.8	1207.9	1206.8	1234.7	1227.3	1204.6	1237.2	1226.9	1207.5	1242.1	1257.5	1203.9	1181	1220.6	1214.7
11:55:31.516,10/25/9	1116.1	1199	1204.4	1202.6	1234.7	1226	1202.6	1236.8	1226.2	1207.1	1240.4	1257.4	1205.9	1181.8	1220.5	1214.5
11:55:31.533,10/25/9	1084.7	1192	1205.5	1205	1234.3	1225.7	1203.2	1237.2	1225.7	1205.9	1240.6	1256.5	1205.5	1182.1	1220.1	1214.5
11:55:31.550,10/25/9	1113.5	1196.5	1204.4	1202.8	1234.3	1225.1	1201.6	1235.6	1225.3	1205.5	1240.4	1256.5	1207.5	1182.8	1220.1	1214.3
11:55:31.566,10/25/9	1091.4	1193.3	1203.2	1203.5	1233.8	1224.1	1201.9	1235.2	1224.6	1204.4	1240.4	1255.7	1206.8	1182.8	1219.4	1214.3
11:55:31.583,10/25/9	1099.3	1194.7	1205.2	1203	1233.8	1223.7	1200.1	1234.3	1224.4	1204.3	1239.5	1255.4	1208.4	1182.8	1219.4	1214.2
11:55:31.600,10/25/9	1100.8	1193.5	1199.9	1202.3	1233.2	1222.6	1201	1234	1223.5	1203	1238.3	1254.8	1207.5	1182.7	1218.7	1214.3
11:55:31.616,10/25/9	1102	1195.3	1205	1201.9	1233.1	1222.6	1198.7	1233.1	1223.5	1202.5	1237.2	1254.1	1209.1	1182.5	1218.7	1214.7
11:55:31.633,10/25/9	1111.6	1192.7	1199.4	1203.4	1232.7	1221.7	1200.1	1232.7	1222.8	1201.4	1235.9	1253.8	1208.2	1182.5	1217.8	1214.5
11:55:31.650,10/25/9	1102.9	1195.6	1204.4	1202.1	1232.5	1221.4	1198	1232.2	1222.4	1200.7	1235	1253.2	1209.7	1182.1	1217.6	1214.2
11:55:31.666,10/25/9	1112.6	1192.4	1199.6	1203.9	1232.3	1220.6	1199.4	1231.6	1221.5	1199.6	1233.8	1252.7	1208.8	1181.9	1216.3	1213.8
11:55:31.683,10/25/9	1105.3	1196	1203.4	1201.9	1231.8	1220.3	1197.2	1231.1	1221	1198.9	1232.5	1252.1	1210.2	1181.8	1216	1213.6
11:55:31.700,10/25/9	1114.8	1191.7	1199.2	1204.4	1231.4	1219.6	1198.9	1230.5	1220.3	1197.6	1231.4	1251.6	1209.3	1181.4	1214.7	1213.4
11:55:31.716,10/25/9	1111	1195.4	1202.3	1201	1230.9	1219.4	1196.9	1230	1219.9	1196.9	1230.7	1251.1	1210.2	1181.6	1214.2	1212.9
11:55:31.733,10/25/9	1109.2	1191.5	1199.8	1203.5	1230.5	1218.8	1198.3	1229.3	1219.9	1195.8	1229.6	1250.7	1209.5	1181.6	1212.7	1212.5
11:55:31.750,10/25/9	1124	1194	1201.7	1200.1	1229.8	1218.5	1196.5	1228.9	1219.2	1195.1	1228.9	1250	1210.2	1181.8	1212.2	1212.2
11:55:31.766,10/25/9	1099.5	1191.3	1199.2	1201.9	1229.8	1217.8	1198.1	1228.4	1218.5	1194.4	1228.2	1249.6	1209.7	1182.3	1210.6	1212.2
11:55:31.783,10/25/9	1145.6	1192.7	1199.9	1198.5	1228.9	1217.9	1196.5	1227.5	1217.9	1193.6	1227.7	1249.1	1210.7	1182.5	1209.8	1211.8
11:55:31.800,10/25/9	1083.8	1191.1	1197.1	1199.8	1228.9	1217.2	1198	1227.1	1217.2	1193.6	1227.5	1248.7	1210.6	1183.2	1208.2	1211.8
11:55:31.816,10/25/9	1124.9	1189.9	1199.6	1197.6	1228	1217.6	1196.5	1226.6	1216.5	1192.7	1227.3	1248.2	1209.8	1183.4	1207.5	1211.6
11:55:31.833,10/25/9	1100.9	1191.1	1194.5	1196.7	1227.7	1216.7	1198.7	1226	1215.6	1192	1227.3	1248	1208.9	1183.9	1205.7	1211.5
11:55:31.850,10/25/9	1108.7	1188.2	1200.7	1197.6	1226.6	1217.2	1197.4	1225.3	1215.1	1189.9	1227.1	1247.3	1209.7	1183.7	1204.8	1211.3
11:55:31.866,10/25/9	1109.8	1189.1	1193.5	1196.9	1225.9	1216.1	1199.2	1224.6	1214.2	1187	1227.5	1247.1	1210.7	1184.1	1203	1211.1
11:55:31.883,10/25/9	1096.3	1187.9	1198.5	1195.1	1225	1216.5	1198	1224.2	1213.6	1186.3	1227.5	1246.4	1210.9	1183.7	1201.9	1211.1
11:55:31.900,10/25/9	1099	1187.5	1194.9	1195.8	1224.6	1215.6	1198.3	1223.3	1212.9	1186.1	1227.7	1246.2	1211.8	1184.1	1200.5	1210.7
11:55:31.916,10/25/9	1104.5	1185	1195.3	1196.5	1223.9	1215.8	1198.3	1223	1212.4	1185.4	1227.8	1245.5	1211.5	1183.7	1199.2	1210.6
11:55:31.933,10/25/9	1105.4	1190.4	1194.9	1193.3	1223.3	1214.9	1196.7	1222.4	1211.8	1185.5	1228.4	1245.5	1210.2	1183.9	1198	1210.4
11:55:31.950,10/25/9	1082	1181.4	1195.8	1196.7	1222.6	1215.1	1197.8	1222.1	1211.5	1184.1	1228.2	1244.8	1209.8	1183.2	1196.3	1210
11:55:31.966,10/25/9	1110.3	1187.5	1192.9	1192.2	1222.3	1214.5	1196.3	1221.4	1211.1	1183.6	1228.7	1244.8	1210.2	1183.6	1195.3	1210
11:55:31.983,10/25/9	1079.7	1181.2	1192.6	1193.5	1221.7	1214.2	1197.2	1221	1210.6	1183	1228.9	1244	1209.8	1183	1193.6	1209.8
11:55:32.000,10/25/9	1099.9	1183	1193.5	1191.8	1221.4	1214.2	1195.8	1220.1	1210.4	1182.8	1229.1	1243.7	1211.5	1182.7	1192.7	1209.7
11:55:32.016,10/25/9	1100.6	1181.2	1189.7	1190.6	1220.6	1213.8	1196.9	1220.5	1209.8	1182.5	1229.5	1243.1	1210.6	1182.8	1190.9	1209.5
11:55:32.033,10/25/9	1100.4	1181.9	1194.9	1189.9	1220.1	1213.8	1194.7	1219.7	1209.8	1182.7	1229.3	1242.6	1211.8	1182.8	1190.2	1209.1

Table 5. 1/2 Inch Raw Data

11:55:32.050,10/25/9	1111.7	1179.6	1190.2	1190.2	1219.4	1213.4	1196.2	1219.4	1209.5	1182.3	1229.1	1242.1	1210.9	1182.8	1188.6	1208.9
11:55:32.066,10/25/9	1101.7	1182.3	1194.9	1188.2	1219	1213.4	1194	1219	1209.3	1181.6	1229.3	1241.7	1212.2	1182.8	1187.9	1208.9
11:55:32.083,10/25/9	1110.1	1178.2	1190.9	1190.2	1218.7	1213.1	1194.9	1218.3	1208.8	1181.2	1229.1	1241.2	1210.7	1182.8	1186.4	1208.6
11:55:32.100,10/25/9	1121.6	1180.5	1193.6	1187	1217.9	1213.3	1192.9	1217.8	1208.8	1180.7	1229.5	1240.6	1211.8	1182.7	1185.7	1208.2
11:55:32.116,10/25/9	1097.3	1176.9	1191.7	1188.6	1217.8	1212.9	1194	1217.4	1208.4	1181	1229.3	1240.1	1211.8	1183	1184.3	1207.9
11:55:32.133,10/25/9	1143.4	1178.2	1192.7	1185	1216.9	1213.3	1191.7	1216.9	1208.2	1181	1229.3	1239.5	1213.1	1183.2	1183.7	1207.7
11:55:32.150,10/25/9	1083.1	1176.5	1190.2	1186.1	1216.7	1212.7	1192.7	1216.5	1207.7	1182.3	1228.9	1239	1212.5	1183.7	1182.5	1207.5
11:55:32.166,10/25/9	1126.9	1175.5	1193.1	1184.6	1215.8	1213.1	1190.4	1216.1	1207.3	1182.7	1228.7	1238.3	1210.6	1183.6	1182.1	1207.3
11:55:32.183,10/25/9	1100.9	1176.5	1188.4	1183.7	1215.4	1212.5	1191.3	1216	1206.8	1182.5	1228.7	1237.9	1210.6	1183.9	1180.3	1207.1
11:55:32.200,10/25/9	1111	1173.7	1194.7	1184.1	1214.5	1213.1	1189.3	1215.6	1206.6	1182.3	1228.4	1237.2	1210.6	1183.7	1179.8	1206.8
11:55:32.216,10/25/9	1109.6	1174.6	1187	1183.7	1214	1212.4	1190.4	1215.1	1206.1	1182.3	1228.4	1237.2	1210.6	1184.3	1178.5	1206.6
11:55:32.233,10/25/9	1099.9	1173.1	1193.5	1181.9	1212.9	1212.9	1188.6	1214.5	1205.7	1182.5	1228	1235.9	1210.4	1183.9	1178.3	1206.4
11:55:32.250,10/25/9	1108.7	1171.9	1188.8	1183.4	1212.7	1212.2	1188.8	1213.8	1205.3	1182.7	1228	1235.6	1210.7	1184.3	1177.1	1206.1
11:55:32.266,10/25/9	1112.6	1171.5	1191.1	1182.7	1212.2	1212.9	1187.9	1214	1204.8	1182.5	1227.7	1234.7	1210	1183.9	1176.5	1206.1
11:55:32.283,10/25/9	1109.2	1173.3	1191.5	1181.9	1211.8	1211.8	1186.4	1213.3	1204.3	1182.8	1227.7	1234.3	1210.6	1184.3	1175.5	1205.5
11:55:32.300,10/25/9	1116.2	1169.3	1190.9	1183.2	1211.1	1212.4	1186.1	1213.3	1203.7	1182.7	1227.8	1233.6	1209.7	1183.2	1174.7	1205.3
11:55:32.316,10/25/9	1112.1	1175.1	1190.6	1179.8	1210.9	1211.1	1183.9	1213.3	1203.2	1183.2	1227.8	1233.2	1210.6	1183.7	1174	1205
11:55:32.333,10/25/9	1086.7	1166.8	1191.1	1183.2	1210.4	1211.3	1184.3	1213.1	1202.8	1183	1227.1	1232.5	1209.5	1183	1173.1	1204.8
11:55:32.350,10/25/9	1102.7	1174.2	1189.5	1177.4	1210.4	1210.7	1182.1	1212.5	1202.6	1183.6	1227.1	1232.2	1210.4	1183.4	1172.6	1204.8
11:55:32.366,10/25/9	1080.8	1165.2	1191.5	1181.2	1210	1210.7	1182.7	1212.4	1202.3	1183.4	1226.4	1231.4	1208.9	1182.8	1171.7	1204.6
11:55:32.383,10/25/9	1115.3	1171.9	1188.6	1176.7	1210	1210.2	1180.5	1211.8	1201.7	1183.9	1226	1231.4	1210	1183.2	1170.6	1204.3
11:55:32.400,10/25/9	1079.9	1164.5	1189.9	1179.4	1209.7	1210	1180.9	1211.6	1201.2	1183.9	1225.3	1230.7	1208.8	1182.5	1169.2	1204.1
11:55:32.416,10/25/9	1111.9	1170.6	1188.2	1176.9	1209.8	1209.7	1178.9	1210.9	1201	1184.5	1225.1	1230.9	1209.8	1183	1169	1203.7
11:55:32.433,10/25/9	1080.1	1165.4	1188.4	1178.3	1209.5	1209.1	1179.1	1210.9	1200.3	1184.1	1224.4	1230	1208.4	1182.5	1167.4	1203.5
11:55:32.450,10/25/9	1109.6	1168.6	1188.2	1177.1	1209.3	1208.9	1177.6	1210.6	1199.8	1184.8	1224.2	1229.8	1209.5	1182.8	1167	1203
11:55:32.466,10/25/9	1083.5	1165	1187.2	1177.8	1208.8	1208.2	1178	1210.6	1199	1184.6	1223.5	1229.1	1208	1182.5	1165.9	1202.8
11:55:32.483,10/25/9	1096.1	1166.3	1189.1	1178	1208.6	1207.7	1176.2	1209.8	1199	1185.4	1223.2	1228.7	1209.3	1182.7	1165.7	1202.5
11:55:32.500,10/25/9	1094.9	1164.5	1185.7	1177.1	1208	1206.8	1176.5	1209.8	1198.9	1185.4	1222.6	1228	1207.9	1182.5	1164.5	1202.3
11:55:32.516,10/25/9	1092.3	1165.4	1189.9	1177.4	1207.9	1206.4	1174.2	1209.5	1198.7	1186.1	1222.3	1227.7	1208.8	1182.7	1164.1	1201.9
11:55:32.533,10/25/9	1086.7	1163.9	1184.6	1177.1	1207.3	1205.7	1174.7	1209.3	1197.8	1186.3	1221.7	1227.1	1207.5	1182.5	1163	1202.3
11:55:32.550,10/25/9	1080.4	1165.6	1189.5	1176.2	1207.1	1205.5	1172.4	1208.8	1196.2	1187	1221.4	1226.6	1208.8	1182.7	1162.9	1201.9
11:55:32.566,10/25/9	1090.9	1162.9	1184.8	1177.4	1206.8	1204.8	1173.5	1208.6	1195.4	1187.2	1220.8	1226	1207.5	1182.8	1161.6	1201.7
11:55:32.583,10/25/9	1081.7	1166.5	1189.9	1175.6	1206.6	1204.3	1171	1208.4	1195.4	1187.7	1220.3	1225.7	1208.4	1182.5	1161.2	1201.4
11:55:32.600,10/25/9	1091	1162.1	1186.1	1178.2	1206.6	1203.4	1172.2	1208.2	1194.9	1188.1	1219.9	1225.3	1207.1	1182.3	1160	1200.7
11:55:32.616,10/25/9	1096.8	1165.6	1189.3	1174.9	1206.2	1202.8	1169.7	1207.7	1194.7	1188.6	1219.9	1224.8	1207.9	1181.9	1159.6	1200.1
11:55:32.633,10/25/9	1075.4	1162.5	1187	1177.4	1206.2	1201.6	1170.8	1207.7	1194.4	1188.8	1219.2	1224.4	1207	1182.1	1158.4	1199.6
11:55:32.650,10/25/9	1122.9	1163.9	1188.4	1174	1205.7	1201.4	1168.8	1207.5	1194	1189.3	1218.5	1223.9	1207.3	1181.8	1158.2	1199
11:55:32.666,10/25/9	1061.3	1162.7	1185.4	1175.5	1205.9	1199.9	1169.7	1207.3	1193.6	1189.5	1217.9	1223.7	1206.8	1182.1	1157.3	1198.7

Table 5. 1/2 Inch Raw Data

11:55:32.683,10/25/9	1106.2	1161.2	1188.6	1173.8	1205	1199.6	1167.9	1207.1	1193.3	1189.9	1217.4	1223.2	1207.1	1181.8	1157.1	1198.1
11:55:32.700,10/25/9	1071.1	1162.3	1184.5	1174	1205	1198.1	1169	1206.8	1192.7	1190	1217	1222.8	1206.6	1181.9	1156	1197.6
11:55:32.716,10/25/9	1098.4	1160	1188.6	1173.7	1204.3	1198	1167	1206.2	1192.6	1190.2	1216.5	1222.3	1206.8	1181.4	1156	1197.1
11:55:32.733,10/25/9	1072.1	1161.4	1183.6	1173.1	1204.1	1196.3	1168.3	1205.9	1192.2	1190.8	1216	1222.1	1206.8	1181.6	1154.9	1196.7
11:55:32.750,10/25/9	1090.7	1158.7	1188.8	1173.7	1203.2	1196.2	1166.8	1205.5	1192.2	1190.8	1215.4	1221.4	1206.8	1181	1154.8	1196.2
11:55:32.766,10/25/9	1070.5	1160.7	1183	1172.6	1203	1194.7	1168.3	1205.2	1191.7	1190.9	1215.1	1221.2	1206.2	1181.2	1153.9	1195.6
11:55:32.783,10/25/9	1082.9	1158.2	1189	1173.3	1201.9	1194.5	1166.5	1205	1191.7	1191.1	1214.3	1220.5	1206.2	1180.9	1153.9	1195.1
11:55:32.800,10/25/9	1070.7	1160.2	1181.9	1172.4	1201.9	1192.9	1167.9	1204.6	1191.1	1191.1	1214.3	1220.5	1205.9	1181	1153	1194.5
11:55:32.816,10/25/9	1079.3	1157.3	1189.3	1173.3	1201.2	1192.7	1166.3	1204.4	1190.9	1191.1	1213.6	1219.9	1205.7	1180.7	1153	1194
11:55:32.833,10/25/9	1072.5	1159.4	1181.2	1172.8	1201	1191.3	1167.9	1204.6	1190.6	1191.3	1213.8	1219.9	1205.3	1181.2	1151.9	1193.3
11:55:32.850,10/25/9	1077.9	1157.6	1189	1173.1	1200.3	1191.3	1166.3	1204.3	1190.4	1191.3	1213.1	1219	1205.2	1180.5	1151.7	1192.9
11:55:32.866,10/25/9	1081.9	1158.7	1181	1173.3	1200.1	1189.7	1167.7	1203.7	1190.2	1191.7	1212.7	1218.8	1204.8	1180.5	1151	1192.2
11:55:32.883,10/25/9	1071.2	1157.1	1189.1	1172.9	1199.4	1189.7	1166.5	1203.5	1190.2	1191.5	1212	1218.1	1204.3	1180.1	1151	1192
11:55:32.900,10/25/9	1082.9	1157.8	1181.8	1173.8	1199.2	1188.4	1167.5	1202.8	1189.9	1191.8	1211.6	1218.1	1204.4	1180.1	1150.3	1191.3
11:55:32.916,10/25/9	1068.5	1157.1	1187.3	1172.6	1198.7	1188.4	1166.5	1202.6	1189.5	1191.7	1210.9	1217.2	1203.9	1179.6	1150.3	1190.9
11:55:32.933,10/25/9	1081.9	1157.1	1181.8	1174	1198.5	1187.2	1167.4	1201.7	1189.1	1191.7	1210.6	1217	1204.1	1179.8	1149.5	1190.2
11:55:32.950,10/25/9	1067.5	1156.9	1186.4	1172.8	1198	1187.2	1166.3	1201.6	1188.8	1191.5	1209.8	1216.3	1203.5	1179.2	1149.5	1189.9
11:55:32.966,10/25/9	1080.8	1156	1182.5	1174.4	1197.8	1185.9	1167	1200.8	1188.2	1191.7	1209.5	1216.1	1203.7	1179.4	1148.8	1189.1
11:55:32.983,10/25/9	1077.7	1156.6	1186.4	1172.9	1196.9	1186.1	1166.3	1200.5	1187.7	1191.1	1208.8	1215.6	1203	1179.1	1148.6	1188.8
11:55:33.000,10/25/9	1075.4	1156.6	1185.2	1173.8	1196.9	1184.8	1166.5	1199.8	1187.3	1191.5	1208.2	1215.4	1203.4	1179.2	1147.9	1187.9
11:55:33.016,10/25/9	1077.9	1153.7	1185	1175.3	1196.3	1184.8	1166.8	1199.4	1186.8	1191.1	1207.7	1214.7	1202.5	1178.7	1147.7	1187.3
11:55:33.033,10/25/9	1074.1	1157.6	1185.7	1173.5	1196	1183.6	1165.7	1198.7	1186.4	1191.7	1207.3	1214.7	1203	1178.9	1147.2	1186.6
11:55:33.050,10/25/9	1077.7	1150.1	1185.7	1177.1	1195.3	1183.6	1167.2	1198.7	1185.9	1191.3	1206.6	1214	1201.7	1178.3	1146.8	1186.1
11:55:33.066,10/25/9	1094.1	1157.5	1184.3	1171.7	1195.1	1182.7	1165.6	1198	1185.7	1191.5	1206.1	1214	1202.5	1178.5	1146.5	1185.4
11:55:33.083,10/25/9	1068.4	1148.5	1186.4	1176.4	1194.4	1182.8	1166.8	1197.8	1185.2	1191.1	1205.3	1213.4	1201	1178	1145.9	1184.6
11:55:33.100,10/25/9	1100.6	1154	1184.5	1172.6	1193.6	1182.3	1165.6	1197.1	1184.8	1191.3	1205	1213.3	1202.3	1178.3	1145.8	1183.9
11:55:33.116,10/25/9	1066.7	1149.2	1183.9	1174.6	1193.3	1182.1	1166.6	1196.9	1184.3	1190.8	1204.1	1212.7	1200.7	1178.2	1144.7	1183.6
11:55:33.133,10/25/9	1078.1	1151.2	1186.1	1174.6	1193.1	1182.1	1165.2	1196	1184.1	1191.1	1203.5	1212.9	1201.6	1178.3	1145.2	1183
11:55:33.150,10/25/9	1074.3	1149.4	1181	1174	1192.2	1181.8	1166.5	1195.6	1183.7	1190.8	1203	1212.5	1200.1	1178.2	1144.7	1182.5
11:55:33.166,10/25/9	1070.5	1151.2	1186.8	1173.8	1191.8	1181.8	1164.7	1195.1	1183.6	1190.8	1202.5	1212.4	1201.2	1178.3	1144.7	1181.9
11:55:33.183,10/25/9	1079.5	1147.7	1181.9	1175.8	1191.1	1181.6	1166.3	1194.5	1183	1190.2	1201.9	1212	1199.8	1178.3	1144	1181.2
11:55:33.200,10/25/9	1070.2	1151.3	1186.3	1174	1190.4	1181.8	1164.1	1194	1182.8	1190.2	1201.6	1211.6	1200.3	1178.5	1144	1180.5
11:55:33.216,10/25/9	1078.3	1146.8	1182.7	1177.4	1190	1181.4	1165.7	1193.5	1182.3	1189.9	1200.8	1211.5	1199.2	1178.3	1143.2	1180
11:55:33.233,10/25/9	1075.2	1150.3	1185.2	1174.9	1189.3	1181.8	1163.8	1193.1	1182.1	1189.9	1200.3	1211.3	1199.8	1178.2	1143.2	1179.2

Table 5. 1/2 Inch Raw Data

	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
14:01:26.650,11/05/96	81.59	83.57	181.49	68.63	77.27	75.83	79.61	73.85	73.13	77.45	72.23	76.91	77.45	75.11	74.75	77.27
14:01:26.666,11/05/96	107.87	85.91	265.19	78.53	71.69	74.39	79.25	73.31	72.77	76.01	72.95	75.83	72.41	73.67	74.03	78.89
14:01:26.683,11/05/96	89.87	72.77	343.49	83.75	70.25	74.03	75.11	72.77	76.01	76.01	74.03	72.05	71.33	72.41	76.37	79.07
14:01:26.700,11/05/96	88.43	66.29	413.69	76.37	75.47	76.55	74.21	72.77	77.27	77.45	73.67	71.87	76.37	73.31	77.81	77.45
14:01:26.716,11/05/96	160.61	77.81	488.21	69.53	78.71	84.65	78.17	73.49	74.75	77.99	72.23	75.65	78.71	74.75	76.19	77.09
14:01:26.733,11/05/96	277.43	85.19	569.39	75.11	74.75	97.43	80.15	73.49	72.77	76.91	72.41	76.73	74.75	74.39	74.39	78.53
14:01:26.750,11/05/96	390.47	76.73	642.47	85.19	70.43	113.27	77.09	72.77	75.47	75.83	73.49	73.67	70.61	72.59	75.11	79.43
14:01:26.766,11/05/96	464.63	66.11	695.21	84.11	72.59	137.93	74.03	72.59	78.89	77.09	74.03	71.15	73.13	72.23	77.81	78.35
14:01:26.783,11/05/96	542.75	69.71	740.57	73.31	77.81	187.97	75.65	73.13	79.07	78.71	72.95	73.49	77.99	73.85	77.99	76.91
14:01:26.800,11/05/96	661.37	82.67	793.67	69.53	77.09	253.49	79.97	73.67	76.91	78.53	72.05	77.27	77.45	74.75	75.29	77.27
14:01:26.816,11/05/96	761.45	84.29	845.51	80.33	71.51	328.01	79.61	73.31	78.35	77.09	72.95	76.01	72.41	73.31	75.11	79.07
14:01:26.833,11/05/96	803.39	71.15	878.45	84.65	70.97	407.93	75.83	72.77	93.29	77.63	73.85	72.95	72.23	72.23	77.45	79.25
14:01:26.850,11/05/96	825.35	66.65	898.79	76.19	76.91	489.47	75.83	73.13	137.75	79.61	73.13	73.85	77.81	73.49	78.89	77.81
14:01:26.866,11/05/96	892.49	79.61	929.03	70.43	78.35	565.97	79.97	73.85	202.55	80.15	72.23	78.17	79.07	74.75	76.73	77.81
14:01:26.883,11/05/96	966.83	86.09	965.93	78.89	73.13	635.63	81.23	73.67	282.83	79.25	72.77	78.71	73.85	73.85	75.11	79.61
14:01:26.900,11/05/96	993.47	73.49	988.07	86.09	70.79	700.61	77.27	73.13	374.45	80.15	74.03	75.29	71.87	72.23	77.45	80.33
14:01:26.916,11/05/96	996.17	66.11	995.99	78.53	76.19	761.81	76.37	73.49	464.45	93.65	73.85	75.65	77.09	73.13	79.79	78.89
14:01:26.933,11/05/96	1020.8	77.99	1009.7	70.97	79.79	817.43	80.69	74.75	546.35	128.75	72.59	80.33	80.33	74.75	78.17	78.71
14:01:26.950,11/05/96	1072	86.45	1035.8	77.81	75.47	865.67	82.49	80.15	623.75	176.09	73.31	82.13	75.83	74.93	76.01	80.33
14:01:26.966,11/05/96	1108.1	76.01	1053.6	86.09	72.77	909.05	79.25	105.71	699.89	230.99	75.11	79.25	72.77	73.31	77.81	81.77
14:01:26.983,11/05/96	1107.6	67.37	1052.5	79.97	77.99	950.09	77.09	148.19	769.55	292.55	75.29	78.35	77.27	73.67	80.33	80.51
14:01:27.000,11/05/96	1111.9	77.63	1055.2	70.79	83.39	987.53	80.69	205.61	828.41	356.81	74.21	82.49	81.23	75.29	79.43	79.61
14:01:27.016,11/05/96	1155.1	87.71	1073.2	75.29	80.87	1019.4	83.57	274.37	880.61	418.55	74.57	85.37	77.63	75.47	76.91	81.41
14:01:27.033,11/05/96	1185.2	78.53	1087.3	86.09	77.63	1046.9	80.69	349.79	930.65	477.77	76.19	82.67	73.85	73.85	78.35	82.85
14:01:27.050,11/05/96	1173.5	69.53	1083.7	81.41	83.03	1073.9	77.99	427.73	975.47	535.73	76.91	81.41	77.81	74.03	81.41	81.77
14:01:27.066,11/05/96	1168.8	80.33	1081	70.61	89.51	1099	81.77	503.15	1010.6	590.27	76.01	85.55	82.49	76.37	80.69	80.87
14:01:27.083,11/05/96	1212	90.41	1097	76.19	86.63	1119.5	84.47	573.53	1041.2	636.89	76.37	87.89	78.35	76.37	78.35	82.67
14:01:27.100,11/05/96	1232.7	78.53	1107.8	86.09	84.11	1137.1	80.51	639.23	1073.4	678.65	78.71	84.29	75.11	75.11	80.69	83.93
14:01:27.116,11/05/96	1207	70.07	1099.7	78.53	91.13	1154.9	79.07	700.97	1100.9	716.09	79.25	84.11	80.87	76.55	83.21	82.67
14:01:27.133,11/05/96	1229.8	86.63	1105.1	70.79	94.37	1170.8	84.29	756.77	1120.4	746.51	78.71	89.33	83.03	78.71	80.87	82.49
14:01:27.150,11/05/96	1274.5	88.07	1126	81.59	88.79	1182.7	83.39	806.09	1140.4	786.65	80.69	88.97	77.45	77.81	80.15	84.83
14:01:27.166,11/05/96	1243.9	76.01	1138.6	85.37	91.31	1195.6	79.43	851.99	1161.2	837.23	82.85	86.63	79.07	77.45	83.39	84.83
14:01:27.183,11/05/96	1223.3	81.77	1144.1	73.67	98.51	1208.6	82.31	895.73	1176.2	887.63	82.49	90.77	85.37	80.15	83.57	83.75
14:01:27.200,11/05/96	1254.7	97.43	1170.2	76.01	96.17	1217.9	86.27	934.79	1187.9	931.55	83.39	94.55	83.03	81.05	81.05	85.91
14:01:27.216,11/05/96	1271.2	109.85	1191.5	87.53	92.93	1225.9	83.03	969.71	1202.1	969.89	86.09	91.85	79.61	79.43	83.03	87.89
14:01:27.233,11/05/96	1242.2	147.65	1190.6	80.69	100.49	1234.9	82.13	1002.1	1214.2	1006.1	87.17	92.03	85.91	80.69	86.09	86.81
14:01:27.250,11/05/96	1258.6	227.57	1201	72.77	104.45	1241.9	88.07	1031.6	1220.1	1037	87.35	98.15	88.61	83.21	84.65	86.99

Table 6. 1/2 Inch Raw Data

14:01:27.266,11/05/96	1300.7	309.29	1221.2	83.57	99.95	1245.3	89.15	1057.2	1227.7	1061.5	90.05	99.95	83.21	82.85	84.29	89.51
14:01:27.283,11/05/96	1264.6	376.07	1222.8	88.07	102.83	1250	96.17	1081.3	1237.9	1082.8	92.75	110.21	85.37	83.03	88.25	89.69
14:01:27.300,11/05/96	1238.5	457.79	1216.9	76.37	111.29	1255.6	126.59	1104	1243	1100.6	92.75	136.49	92.93	86.09	88.79	88.79
14:01:27.316,11/05/96	1271.4	541.49	1234	80.15	119.93	1257.7	178.25	1124.5	1245.5	1113.2	94.19	164.21	90.23	87.35	86.81	91.13
14:01:27.333,11/05/96	1282.4	599.27	1244.9	91.49	162.41	1259.3	239.81	1141.6	1252.7	1123.6	97.61	188.33	87.35	86.09	89.87	93.11
14:01:27.350,11/05/96	1245.1	655.97	1235.2	83.39	241.07	1263.5	312.71	1158	1257.7	1134.4	98.51	228.83	94.91	88.07	92.93	92.03
14:01:27.366,11/05/96	1284.7	724.73	1245.3	79.61	328.01	1265.8	389.39	1172.2	1257.5	1142.9	99.41	280.67	95.45	90.59	90.95	93.29
14:01:27.383,11/05/96	1303.4	765.41	1259.2	93.65	415.85	1266.5	457.25	1182.8	1262.4	1153.5	103.19	329.99	92.93	90.05	92.75	95.81
14:01:27.400,11/05/96	1269.2	799.61	1248.5	88.07	512.15	1270	517.55	1192.6	1266.9	1163	105.53	386.33	99.59	92.39	96.35	94.91
14:01:27.416,11/05/96	1288	855.77	1251.8	82.31	596.57	1272.1	579.11	1201.9	1264.6	1169	107.15	449.15	102.11	95.63	94.55	95.27
14:01:27.433,11/05/96	1316.8	894.29	1263.7	99.59	664.07	1271.6	628.79	1208.9	1265.1	1171.3	111.47	502.79	96.89	95.27	95.09	97.79
14:01:27.450,11/05/96	1284.9	918.77	1253	107.15	732.47	1273.6	671.63	1216.1	1268.5	1174.9	115.07	553.55	102.65	96.89	99.05	97.25
14:01:27.466,11/05/96	1285.4	963.59	1247.6	112.01	793.13	1276.4	719.87	1223.2	1266.2	1176.5	116.69	607.73	113.27	100.67	97.61	97.25
14:01:27.483,11/05/96	1328.6	996.89	1261.5	140.99	837.95	1275	771.35	1227.8	1266.2	1175.3	120.65	652.37	124.25	101.03	97.43	99.95
14:01:27.500,11/05/96	1289.4	1010.8	1253.2	162.05	885.47	1276.1	820.85	1232.7	1270	1182.3	124.07	692.15	156.11	102.11	101.93	99.77
14:01:27.516,11/05/96	1273	1046.4	1244	170.87	931.37	1278.1	876.47	1237.4	1267.1	1190.2	124.97	736.97	202.19	105.71	101.39	99.23
14:01:27.533,11/05/96	1312.4	1074.8	1259.5	204.53	961.61	1276.1	923.81	1239.2	1264.9	1194.5	127.85	774.95	243.05	105.89	100.67	101.93
14:01:27.550,11/05/96	1275	1079.7	1252.7	238.37	995.81	1275.7	959.09	1241	1268	1200.5	130.91	811.31	294.89	106.61	105.71	102.11
14:01:27.566,11/05/96	1253.6	1104.9	1243.5	270.23	1030.7	1277	998.15	1244.2	1264.6	1206.2	134.87	853.07	353.21	109.85	105.17	101.39
14:01:27.583,11/05/96	1295.5	1126.3	1259.9	345.11	1050	1275.2	1031.8	1245.8	1261.5	1208.4	152.69	887.81	398.93	110.03	103.37	104.09
14:01:27.600,11/05/96	1261.1	1125.8	1255.4	416.21	1070.2	1275.2	1054.7	1247.5	1264.2	1210.2	185.09	915.17	447.71	110.03	108.41	104.27
14:01:27.616,11/05/96	1240.6	1147	1244.9	473.45	1090.7	1276.3	1082.2	1251.2	1260.6	1212	246.47	949.55	496.31	113.45	107.87	103.19
14:01:27.633,11/05/96	1284.9	1165.4	1261.7	552.65	1096.8	1274.8	1102.7	1253	1257.9	1211.1	326.57	979.43	533.93	113.99	105.89	106.43
14:01:27.650,11/05/96	1250.5	1160.5	1254.5	621.77	1109	1275.9	1112.8	1255.2	1261.3	1212.2	405.23	1002.1	580.55	114.53	110.93	106.07
14:01:27.666,11/05/96	1244.9	1180.7	1246.9	672.71	1124	1277.5	1130.3	1258.1	1257.5	1213.6	476.15	1028.8	629.33	117.95	111.29	105.35
14:01:27.683,11/05/96	1295.9	1192.6	1262.8	742.55	1125.4	1275.9	1143.6	1258.8	1256.3	1212.2	546.53	1047.3	665.51	117.77	118.49	108.59
14:01:27.700,11/05/96	1262.6	1186.1	1251.6	793.31	1136.6	1277.5	1149.7	1260.2	1259.3	1213.4	612.95	1061.9	708.17	119.03	136.67	107.69
14:01:27.716,11/05/96	1271.2	1207	1248.5	830.75	1146.7	1277.9	1163.6	1262.4	1254.5	1214	671.81	1083.3	745.79	122.27	151.61	107.87
14:01:27.733,11/05/96	1302.9	1211.3	1261.7	886.55	1145.9	1276.1	1168.4	1262.2	1254.3	1212.5	727.79	1098.4	772.07	121.73	168.89	111.11
14:01:27.750,11/05/96	1259.9	1205.2	1246.9	919.49	1156.9	1277.3	1172.4	1262.9	1256.5	1214.3	778.19	1112.5	807.35	123.53	188.87	110.03
14:01:27.766,11/05/96	1287.8	1225	1250	947.75	1162.3	1277	1183.6	1264	1252.1	1214.5	823.91	1129.9	834.89	126.59	200.21	111.83
14:01:27.783,11/05/96	1306.5	1219	1258.1	991.49	1161.6	1275.7	1184.6	1263.8	1255	1213.4	868.55	1137.3	854.69	125.69	215.69	114.35
14:01:27.800,11/05/96	1259	1220.5	1239.5	1007.2	1172.6	1277.3	1190.2	1265.6	1255.2	1215.4	906.89	1149.5	882.23	128.93	229.01	113.09
14:01:27.816,11/05/96	1300.9	1236.8	1252	1034.7	1171.5	1275.7	1197.6	1266.2	1252.3	1213.8	942.35	1162.5	896.81	130.19	236.03	117.05
14:01:27.833,11/05/96	1277	1224.4	1248.4	1062.6	1173.7	1275.9	1196.3	1266.5	1256.5	1213.8	975.47	1168.8	913.01	129.83	248.99	118.13
14:01:27.850,11/05/96	1255.7	1235	1237.6	1068	1181.9	1277.3	1204.6	1268.5	1254.7	1215.1	1002.3	1181.2	932.09	133.07	255.47	117.41
14:01:27.866,11/05/96	1305.8	1239.9	1253.9	1097.9	1176.4	1274.6	1207.5	1268.5	1254.5	1212.9	1027.3	1187.3	938.39	132.17	260.51	120.83
14:01:27.883,11/05/96	1265.6	1228	1239.7	1109	1182.8	1275.4	1207.1	1269.6	1257.9	1215.4	1049.1	1191.3	954.59	133.25	270.05	119.57

Table 6. 1/2 Inch Raw Data

14:01:27.900,11/05/96	1291.4	1246.4	1244.2	1117.3	1183.9	1274.5	1214.3	1271	1254.1	1217.2	1068.9	1201.7	964.49	135.05	270.23	121.01
14:01:27.916,11/05/96	1299.1	1236.5	1252.1	1142.5	1180.1	1273	1211.8	1270.7	1257.5	1218.5	1090.1	1203.9	970.07	133.61	277.43	122.99
14:01:27.933,11/05/96	1266.5	1238.5	1235.9	1139.6	1187.5	1274.8	1215.8	1272.3	1257.4	1222.3	1107.1	1211.5	985.37	136.49	281.75	121.19
14:01:27.950,11/05/96	1310.1	1249.3	1251.2	1157.6	1180.5	1272.5	1219.4	1272.3	1255.6	1222.1	1124.2	1215.6	987.71	136.13	280.85	124.61
14:01:27.966,11/05/96	1270.5	1232.2	1241.5	1166.6	1182.1	1273	1216.1	1272.7	1259.7	1225	1139.8	1215.6	998.33	136.13	288.05	124.07
14:01:27.983,11/05/96	1284.5	1247.8	1241.7	1165.2	1184.3	1271.9	1222.6	1273.9	1255.7	1227.1	1151.9	1222.8	1007.3	138.29	285.89	124.79
14:01:28.000,11/05/96	1304.5	1238.5	1252	1186.3	1179.4	1270	1218.8	1272.8	1258.6	1227.5	1166.1	1221.5	1009	136.49	289.31	127.31
14:01:28.016,11/05/96	1259.5	1237.9	1235.4	1178.5	1188.4	1272.1	1220.6	1273.9	1258.6	1230.7	1176.7	1225.3	1021.7	138.65	291.47	125.51
14:01:28.033,11/05/96	1312.6	1250.2	1251.1	1191.5	1183.9	1270.1	1223.3	1275.5	1256.3	1230.5	1188.4	1228	1021.6	139.91	297.77	128.93
14:01:28.050,11/05/96	1271	1233.4	1242.6	1196.5	1189	1271.2	1219.2	1275.9	1260.6	1233.6	1198.7	1226.4	1029.5	140.45	339.53	128.21
14:01:28.066,11/05/96	1284.2	1251.8	1246.4	1193.3	1192.2	1271.8	1226	1276.6	1256.3	1235.8	1204.6	1231.6	1035.2	148.01	391.37	129.65
14:01:28.083,11/05/96	1291	1240.8	1255.2	1211.3	1189.3	1269.8	1222.3	1275.5	1259.3	1236.8	1212.5	1228.2	1035.8	166.37	460.13	138.65
14:01:28.100,11/05/96	1258.1	1245.1	1241.2	1200.7	1198.5	1271.6	1225.5	1276.1	1258.1	1240.3	1216.1	1232	1046.4	206.69	531.05	161.15
14:01:28.116,11/05/96	1310.1	1250.9	1259.7	1217	1192.9	1268.9	1225.3	1274.8	1257.2	1239.7	1221.5	1232.3	1044.4	264.29	600.17	206.69
14:01:28.133,11/05/96	1258.3	1238.5	1244.2	1213.3	1200.5	1271	1222.8	1274.8	1259.9	1242.1	1225.3	1231.8	1053.8	335.03	671.99	262.49
14:01:28.150,11/05/96	1303.1	1256.8	1256.6	1215.1	1198.7	1270.1	1228.6	1274.6	1255.7	1241.7	1228.4	1235.6	1054.3	407.57	732.65	332.69
14:01:28.166,11/05/96	1279.5	1239	1253.8	1223.3	1199.9	1269.4	1223.3	1273.4	1260.2	1242.2	1233.2	1231.8	1058.3	475.07	795.11	405.41
14:01:28.183,11/05/96	1287.4	1254.5	1250.2	1212.7	1204.6	1270.7	1229.6	1273.6	1256.6	1242.4	1235	1236.8	1064.9	541.13	845.33	478.49
14:01:28.200,11/05/96	1304.3	1245.5	1261.7	1228.9	1199.8	1269.1	1225.7	1271.6	1259.3	1241.2	1239.7	1233.2	1063.7	597.65	893.93	551.57
14:01:28.216,11/05/96	1266.4	1246.6	1245.5	1214.3	1208.2	1271.6	1228.6	1271.6	1258.6	1242.6	1241.3	1235.9	1073.8	653.45	936.59	616.91
14:01:28.233,11/05/96	1318.4	1251.4	1264.9	1228	1201.9	1270.5	1228.6	1270	1258.8	1240.6	1245.3	1235.4	1070.5	700.97	972.95	683.87
14:01:28.250,11/05/96	1266.2	1238.5	1250	1221	1209.1	1271.9	1226.4	1269.6	1261.9	1242.1	1247.5	1234.7	1079.5	746.51	1009.5	739.85
14:01:28.266,11/05/96	1309.4	1255.2	1263.1	1221.5	1206.2	1270.9	1231.8	1269.6	1258.3	1240.4	1249.1	1237.7	1079.3	790.07	1035.8	792.77
14:01:28.283,11/05/96	1283.5	1236.1	1259.5	1227.5	1207.3	1271.2	1227.3	1268.5	1263.3	1240.8	1252	1233.8	1082.8	829.49	1066.6	837.95
14:01:28.300,11/05/96	1291.4	1251.2	1256.3	1214.9	1211.8	1273.2	1234.1	1269.1	1260.1	1241.2	1251.6	1238.8	1088.3	867.83	1088.7	878.45
14:01:28.316,11/05/96	1303.8	1240.1	1267.1	1230.4	1206.6	1271.9	1230.2	1267.4	1263.3	1239.7	1254.5	1234.9	1086.5	898.43	1111.2	916.79
14:01:28.333,11/05/96	1268.7	1242.2	1252.5	1214.7	1214.3	1273.6	1233.1	1267.8	1262.4	1241.2	1253.9	1237.9	1095.7	929.75	1130.1	947.57
14:01:28.350,11/05/96	1317.5	1244.9	1271.4	1228.6	1207.5	1269.6	1232.3	1266.9	1262	1239.2	1257.4	1236.8	1092.3	955.31	1145.4	979.43
14:01:28.366,11/05/96	1268.3	1233.8	1254.8	1217.8	1214.9	1270.3	1232	1266.4	1263.8	1241	1257.2	1236.8	1102.4	980.15	1162.7	1003.6
14:01:28.383,11/05/96	1319.5	1250	1269.8	1220.8	1210.9	1268	1237.7	1265.3	1260.6	1239	1255.7	1239.5	1103.5	1005.9	1171.9	1027.7
14:01:28.400,11/05/96	1279.1	1230.5	1260.2	1221.4	1214.3	1265.5	1234.7	1262.6	1264.9	1239	1251.4	1236.1	1111.6	1030.2	1186.6	1046.6
14:01:28.416,11/05/96	1302.5	1248	1266.4	1215.4	1214.3	1263.8	1241.9	1261.1	1260.4	1237	1243.5	1240.3	1114.4	1053.2	1191.8	1065.1
14:01:28.433,11/05/96	1290.8	1228	1264.7	1222.6	1214.9	1262.9	1237	1259.2	1264.6	1236.3	1238.1	1235.8	1116.2	1070.9	1203	1081.5
14:01:28.450,11/05/96	1300.2	1243.9	1263.3	1210.4	1218.8	1263.1	1244.4	1259.3	1260.6	1235.9	1230.4	1240.3	1119.7	1089.4	1205.9	1096.8
14:01:28.466,11/05/96	1291	1228.7	1268.7	1222.6	1216.3	1261.5	1239.5	1258.1	1264.4	1234.5	1226.9	1235.9	1116.4	1101.8	1212.5	1111.6
14:01:28.483,11/05/96	1275.5	1239.7	1259.5	1205.7	1223	1263.5	1245.1	1259.2	1261.1	1234.9	1221.7	1240.1	1121.1	1116.2	1213.6	1122.9
14:01:28.500,11/05/96	1288.5	1231.1	1270.9	1220.8	1217.4	1260.6	1241.2	1257.9	1263.8	1232.5	1221.2	1235.9	1115.5	1124.5	1216.7	1136
14:01:28.516,11/05/96	1247.3	1232.7	1254.1	1204.8	1225.7	1262	1244	1258.4	1262.9	1233.1	1217.8	1238.3	1121.5	1135.7	1218.5	1144.1

Table 6. 1/2 Inch Raw Data

14:01:28.533,11/05/96	1282.9	1233.8	1271.2	1219.6	1218.8	1259.9	1242.4	1256.8	1263.3	1230.2	1216.5	1235.6	1114.6	1141.1	1218.8	1156.2
14:01:28.550,11/05/96	1224.4	1227.7	1249.4	1205.7	1227.3	1262.4	1242.1	1256.8	1264.4	1231.3	1216.1	1235.8	1120.9	1148.3	1221.2	1162.3
14:01:28.566,11/05/96	1270.7	1237.4	1263.8	1214	1221.2	1260.4	1243.3	1255.2	1262.2	1228.9	1211.6	1235.2	1115.2	1151.9	1219.7	1172.2
14:01:28.583,11/05/96	1210.7	1221.9	1244.2	1207	1227.1	1262.4	1239.7	1254.3	1265.1	1230.2	1209.5	1232.3	1120.4	1156	1224.2	1176.9
14:01:28.600,11/05/96	1252.9	1240.1	1254.3	1206.8	1223.5	1261.5	1244.2	1254.3	1260.1	1228.6	1207.1	1234.3	1117.5	1160	1220.8	1185
14:01:28.616,11/05/96	1223.7	1221	1245.8	1211.5	1224.1	1261	1237.7	1253.9	1263.5	1229.1	1206.2	1229.3	1118.6	1162.3	1225	1189.7
14:01:28.633,11/05/96	1229.1	1238.8	1243	1201.9	1226.6	1260.4	1242.8	1255	1258.6	1228.6	1203	1233.8	1120	1167.2	1221.5	1194.5
14:01:28.650,11/05/96	1217.6	1224.4	1244.2	1214.7	1223.3	1258.3	1235.8	1254.5	1261.9	1227.1	1202.8	1230.4	1118	1168.6	1224.8	1199.6
14:01:28.666,11/05/96	1210.2	1236.8	1235.2	1200.5	1228.4	1258.4	1239.4	1255.9	1258.1	1226.6	1199.2	1234.9	1122.7	1174	1222.3	1202.1
14:01:28.683,11/05/96	1221.2	1225.7	1242.2	1216.5	1222.6	1255.4	1232.9	1254.7	1260.2	1223.7	1199.4	1231.1	1118.6	1174.7	1224.1	1206.8
14:01:28.700,11/05/96	1197.1	1233.1	1228	1201	1229.8	1255.7	1235	1255.9	1257	1223	1196.3	1234.3	1124.7	1179.6	1223	1208
14:01:28.716,11/05/96	1229.3	1228.9	1242.4	1217.9	1222.6	1252.3	1229.6	1255	1257.2	1219.4	1197.2	1230.9	1119.1	1179.8	1223.3	1212.9
14:01:28.733,11/05/96	1182.5	1228.2	1222.3	1203.5	1230.5	1252.9	1229.1	1256.3	1255.7	1219.6	1195.4	1232.2	1126.3	1183.7	1223.3	1212.9
14:01:28.750,11/05/96	1225.3	1232.3	1239.4	1218.5	1223	1249.1	1226	1255.9	1253.9	1216.1	1196.3	1230.4	1120.4	1184.1	1220.5	1217.8
14:01:28.766,11/05/96	1166.5	1224.2	1219.6	1208.2	1230.2	1249.8	1222.8	1257	1254.3	1217.2	1195.4	1229.6	1127.4	1187	1221.4	1217
14:01:28.783,11/05/96	1216.5	1235.8	1234.9	1217.6	1223.2	1246.2	1222.4	1256.8	1250.5	1214.5	1196.3	1229.5	1122.2	1187.3	1216.5	1221.4
14:01:28.800,11/05/96	1156.9	1221.7	1216.1	1211.5	1229.1	1246.6	1217.4	1258.1	1251.8	1215.8	1197.1	1227.3	1128.1	1189.7	1218.7	1220.8
14:01:28.816,11/05/96	1211.3	1237.7	1229.3	1214.9	1224.6	1243.5	1219	1258.6	1246.4	1213.8	1198	1228.7	1124.3	1190	1213.4	1224.4
14:01:28.833,11/05/96	1163.2	1218.7	1215.6	1214.2	1228.9	1243	1212	1258.6	1248.5	1214.3	1198.3	1225.3	1128.7	1189.9	1216.7	1224.2
14:01:28.850,11/05/96	1185.9	1236.8	1222.4	1210.9	1228.2	1240.8	1215.4	1258.8	1242.6	1212.7	1196.7	1228.7	1127.8	1190.4	1211.5	1226.8
14:01:28.866,11/05/96	1167.7	1217.6	1217.6	1217.9	1229.3	1239.2	1208.6	1257.7	1245.1	1212.7	1197.2	1224.6	1129.9	1189	1214.7	1227.5
14:01:28.883,11/05/96	1181	1233.2	1214.3	1206.4	1233.1	1238.5	1212.4	1257.5	1239.5	1211.8	1194.5	1229.3	1133	1190.2	1211.1	1228.6
14:01:28.900,11/05/96	1180.3	1218.7	1219.4	1220.5	1229.8	1235.8	1205.5	1255.6	1241.7	1209.7	1195.4	1225.3	1130.3	1187.9	1213.6	1230.7
14:01:28.916,11/05/96	1160.5	1227.3	1207.7	1203.9	1236.8	1236.3	1209.1	1255.4	1238.1	1209.3	1192.7	1229.5	1136.4	1189.9	1212	1230.5
14:01:28.933,11/05/96	1189.7	1220.6	1220.6	1219.6	1230.4	1233.2	1203.9	1253	1239.4	1206.2	1193.8	1226.4	1131.4	1187.3	1212.5	1233.8
14:01:28.950,11/05/96	1146.5	1222.4	1202.6	1202.5	1238.3	1234.5	1206.1	1253	1237.9	1206.4	1191.8	1229.3	1139.1	1189.5	1211.8	1232.5
14:01:28.966,11/05/96	1184.6	1223	1219.2	1216.1	1230.7	1230.9	1204.3	1251.2	1237.9	1203	1193.1	1227.7	1133.3	1187.7	1210.2	1235.6
14:01:28.983,11/05/96	1127	1216.3	1197.8	1202.3	1238.3	1231.8	1203.9	1250.9	1239	1203.7	1192.4	1228.6	1140.7	1189.3	1211.1	1233.4
14:01:29.000,11/05/96	1182.3	1224.6	1214.3	1212.5	1230.9	1228.2	1204.4	1249.4	1237.2	1200.8	1194	1228.4	1135.1	1188.2	1207.5	1236.5
14:01:29.016,11/05/96	1122.5	1212.2	1196	1203	1237.4	1228.9	1201.2	1248.5	1239.7	1201.9	1194.4	1227.7	1141.8	1189.5	1210.2	1234.3
14:01:29.033,11/05/96	1179.4	1227.7	1210.7	1206.8	1231.8	1226.2	1203.5	1247.1	1236.3	1199.8	1194.4	1229.5	1137.8	1189.3	1205.9	1236.7
14:01:29.050,11/05/96	1132.1	1210.7	1196.5	1203.9	1235.8	1226.2	1198	1245.7	1239.7	1201	1194.4	1226.8	1142.7	1189.5	1209.7	1234.9
14:01:29.066,11/05/96	1167.5	1229.8	1205.9	1201.6	1232.3	1224.2	1201.7	1244.9	1234.9	1200.1	1192.9	1229.6	1141.4	1190.4	1205.5	1236.3
14:01:29.083,11/05/96	1140.9	1211.1	1197.8	1205	1232.9	1223	1194.9	1243.5	1238.6	1201	1192.9	1225	1144.3	1190	1209.5	1235.6
14:01:29.100,11/05/96	1149.4	1228.9	1200.3	1197.2	1232.3	1221.7	1199.2	1244	1233.4	1201	1190.9	1228.4	1145.8	1192.4	1205.7	1236.1
14:01:29.116,11/05/96	1136.8	1211.5	1199.9	1207.3	1229.6	1219.9	1192.2	1242.4	1236.7	1201.7	1191.3	1223	1145.9	1191.8	1209.1	1236.5
14:01:29.133,11/05/96	1139.3	1225.7	1194.4	1193.5	1233.1	1219.9	1196.7	1242.2	1231.6	1202.8	1187.9	1226.6	1151.3	1194.4	1206.4	1235.6
14:01:29.150,11/05/96	1146.7	1212.4	1200.7	1208.2	1227.3	1217.2	1190.6	1239.9	1234	1202.8	1188.1	1221.4	1149.5	1192.7	1208.4	1236.8

Table 6. 1/2 Inch Raw Data

14:01:29.166,11/05/96	1127.2	1220.5	1189.1	1192.2	1232.7	1218.5	1194	1239.7	1230	1205.2	1184.6	1224.2	1156.7	1195.6	1206.6	1235.2
14:01:29.183,11/05/96	1158.7	1214.2	1202.5	1208	1225.1	1215.6	1188.8	1237.6	1230.9	1204.3	1184.8	1219.6	1152.4	1194.4	1206.8	1236.7
14:01:29.200,11/05/96	1115.5	1215.8	1184.8	1192.6	1231.6	1217.4	1189.5	1237.4	1228.7	1206.6	1181.4	1221.2	1160.2	1197.6	1206.6	1234.3
14:01:29.216,11/05/96	1156.4	1217.6	1203.4	1207.5	1223	1214.7	1186.4	1235.8	1227.8	1205.3	1180.7	1218.3	1154.6	1196.9	1205.2	1236.8
14:01:29.233,11/05/96	1098.2	1209.8	1183.6	1195.8	1229.6	1216.3	1183.9	1235.4	1228.6	1207.7	1177.6	1217.6	1162.3	1199.6	1206.8	1234.1
14:01:29.250,11/05/96	1150.1	1219.2	1200.3	1206.4	1221.7	1213.4	1183.4	1234.1	1225.9	1206.2	1176	1216.9	1157.5	1199.6	1203.5	1236.1
14:01:29.266,11/05/96	1092.1	1206.2	1181.9	1198.5	1227.7	1214.5	1179.2	1233.6	1227.5	1208.4	1173.5	1214.7	1164.3	1201.4	1206.1	1233.8
14:01:29.283,11/05/96	1150.6	1219.4	1197.8	1204.6	1221	1211.8	1180.1	1232.5	1224.2	1207.1	1172	1215.1	1159.8	1201.6	1202.1	1235.4
14:01:29.300,11/05/96	1095	1202.1	1181.4	1201.9	1225.3	1212	1174.6	1231.8	1227.3	1209.1	1170.6	1211.6	1164.7	1202.1	1205.3	1233.1
14:01:29.316,11/05/96	1133.9	1220.3	1192.6	1201.7	1221.5	1209.8	1177.8	1231.6	1222.8	1208.2	1168.6	1214	1162.1	1202.8	1200.8	1233.8
14:01:29.333,11/05/96	1108.7	1200.8	1183	1205.7	1222.4	1208.6	1170.6	1230.7	1226.9	1209.1	1168.3	1209.1	1163.9	1201.9	1204.3	1232.5
14:01:29.350,11/05/96	1114.8	1218.5	1184.5	1198.1	1222.4	1207.3	1175.1	1231.1	1222.1	1208.9	1165.6	1212.9	1164.5	1202.8	1199.9	1232.3
14:01:29.366,11/05/96	1102.7	1201.2	1183.7	1208.8	1220.1	1205.2	1168.3	1229.6	1225.7	1209.1	1165.6	1208	1163.2	1201	1202.3	1232
14:01:29.383,11/05/96	1115.5	1216.1	1179.1	1195.8	1223	1204.8	1173.1	1230.4	1221.4	1209.7	1162.1	1212.2	1165.9	1202.8	1198.5	1230.7
14:01:29.400,11/05/96	1124.3	1203.5	1185.2	1210.2	1217.6	1201.7	1167.2	1228.7	1224.1	1209.1	1162.1	1207.9	1161.4	1200.7	1199.9	1231.6
14:01:29.416,11/05/96	1105.6	1213.1	1174	1193.6	1223.2	1202.3	1171	1229.3	1221	1210.6	1158.5	1211.5	1166.3	1203	1197.4	1229.5
14:01:29.433,11/05/96	1138.9	1207.9	1188.1	1209.7	1215.6	1198.5	1166.8	1227.8	1222.6	1209.3	1158.5	1207.7	1159.6	1200.7	1197.2	1231.1
14:01:29.450,11/05/96	1095	1209.8	1170.2	1192.9	1222.4	1199.6	1168.8	1228.4	1221.4	1210.9	1155.1	1210.2	1165.2	1203	1196.5	1228.6
14:01:29.466,11/05/96	1138.4	1210.2	1187.7	1207.1	1214.2	1196.2	1166.8	1227.1	1221.5	1208.9	1154.8	1208	1157.6	1201.2	1195.3	1230.5
14:01:29.483,11/05/96	1083.7	1204.8	1167	1192.4	1221.4	1197.6	1166.8	1227.5	1222.3	1210.6	1151.9	1208.6	1163.4	1203	1196.5	1227.8
14:01:29.500,11/05/96	1141.4	1212.2	1184.8	1203	1213.4	1194.7	1167.2	1226.4	1220.8	1208.2	1151.2	1208.2	1155.8	1201.9	1194.2	1230.5
14:01:29.516,11/05/96	1086.4	1200.5	1167.5	1193.5	1219.6	1196.7	1164.7	1226.4	1223.2	1209.3	1149.4	1207.1	1160.7	1203	1197.2	1228.6
14:01:29.533,11/05/96	1145.6	1214.5	1184.1	1198.7	1212.9	1194.5	1167.4	1225.7	1219.9	1207	1148.3	1208.6	1154.2	1202.8	1193.8	1230.5
14:01:29.550,11/05/96	1092.7	1198	1169.5	1195.4	1216.5	1195.3	1163.2	1225.1	1222.8	1207.5	1147.6	1206.1	1157.3	1203	1198	1228.4
14:01:29.566,11/05/96	1130.3	1217.2	1181.4	1193.8	1213.3	1194	1167.5	1225	1218.1	1205.7	1146.1	1210.4	1153	1203.5	1194.5	1229.6
14:01:29.583,11/05/96	1106	1199	1173.5	1197.2	1213.6	1193.8	1161.6	1224.1	1221.7	1205.9	1146.3	1206.2	1153.1	1203	1198.9	1228.6
14:01:29.600,11/05/96	1111	1216.5	1175.1	1188.4	1213.6	1193.5	1166.6	1224.4	1216.9	1204.8	1144.5	1210.2	1152.4	1204.4	1194.7	1228.9
14:01:29.616,11/05/96	1097	1199.8	1176.7	1200.3	1209.5	1192	1160	1224.1	1220.5	1203.9	1146.8	1205	1149	1203.4	1197.4	1229.1
14:01:29.633,11/05/96	1090.3	1212.9	1170.1	1185.4	1213.1	1192.7	1164.5	1225.1	1216.1	1203.9	1144.7	1208.9	1151.7	1205.9	1194.2	1227.8
14:01:29.650,11/05/96	1107.1	1201.6	1178.7	1200.7	1206.2	1190.6	1158.9	1223.7	1218.8	1202.3	1146.1	1204.3	1145.9	1203.7	1195.6	1229.3
14:01:29.666,11/05/96	1080.2	1207.9	1165.6	1185	1212	1192	1163.8	1224.4	1216	1203.9	1144.1	1207.1	1151.9	1206.2	1194	1227.1
14:01:29.683,11/05/96	1119.1	1203.2	1181	1201.6	1203.7	1189.5	1160.3	1222.8	1217.2	1201.9	1145.9	1203	1144.9	1204.4	1194	1229.5
14:01:29.700,11/05/96	1079	1205	1163.8	1185.9	1210.4	1191.1	1162.3	1223.2	1215.8	1202.8	1144.3	1204.6	1150.6	1207	1193.8	1227.1
14:01:29.716,11/05/96	1125.4	1205.2	1181.9	1201.4	1201.6	1188.4	1160.2	1221.7	1216	1200.1	1145.9	1201.4	1142.9	1205.3	1192.6	1229.3
14:01:29.733,11/05/96	1078.3	1200.5	1161.4	1187.2	1208.8	1190.6	1160	1221.9	1216.3	1201.2	1144.9	1200.8	1148.8	1207.3	1193.8	1226.9
14:01:29.750,11/05/96	1136	1206.8	1180	1198.9	1200.7	1187.7	1160	1220.3	1215.1	1198.3	1145.8	1198.9	1141.8	1206.1	1191.3	1229.3
14:01:29.766,11/05/96	1083.5	1194.4	1162	1190.2	1206.4	1189.1	1157.1	1219.9	1217.4	1199.2	1145.6	1196	1146.7	1206.8	1194.4	1226.8
14:01:29.783,11/05/96	1142	1209.7	1178	1194.4	1200.1	1187.3	1160	1219.4	1214	1196.5	1145.8	1196.2	1141.3	1206.2	1190.4	1228.6

Table 6. 1/2 Inch Raw Data

14:01:29.800,11/05/96	1096.3	1192	1164.5	1192.2	1203.5	1188.2	1154.9	1218.5	1217.6	1196.9	1146.3	1191.5	1144.3	1205.9	1194.5	1226.6
14:01:29.816,11/05/96	1132.4	1210.9	1175.5	1190.4	1200.3	1187	1159.6	1218.1	1213.1	1195.1	1145.8	1193.5	1140.9	1206.2	1190.6	1227.8
14:01:29.833,11/05/96	1106.5	1192	1166.3	1193.3	1201.6	1187	1153.5	1217	1217.4	1195.1	1147	1187.7	1142	1205	1194.4	1226.8
14:01:29.850,11/05/96	1119.3	1210.2	1171.3	1186.8	1200.5	1186.4	1158.9	1217	1212.7	1193.6	1146.1	1189.9	1140.9	1205.7	1189.9	1227.3
14:01:29.866,11/05/96	1111	1191.3	1168.3	1194.4	1199.4	1185.9	1153	1215.4	1216.9	1192.9	1147.7	1183.4	1139.8	1203.7	1193.5	1226.9
14:01:29.883,11/05/96	1118.8	1207.9	1167.5	1183.9	1201	1186.3	1158.7	1215.8	1212.4	1192.2	1146.8	1185.9	1140.9	1205.5	1189.5	1226.8
14:01:29.900,11/05/96	1102.7	1191.7	1169.7	1196.9	1197.2	1185	1152.8	1214.3	1216.1	1191.1	1149.2	1179.6	1137.8	1203	1192.6	1226.9
14:01:29.916,11/05/96	1091.8	1204.3	1162.5	1182.1	1201.7	1186.1	1158.2	1214.2	1212.4	1190.9	1147.7	1182.7	1141.1	1204.4	1190.2	1225.7
14:01:29.933,11/05/96	1108.1	1193.6	1170.4	1197.6	1195.6	1184.1	1153.3	1211.8	1215.1	1189.3	1149.9	1177.6	1136	1201.6	1192	1226.8
14:01:29.950,11/05/96	1086.9	1201.7	1158.9	1181.6	1201.9	1185.5	1158	1211.6	1212.2	1190.2	1148.3	1180.5	1141.3	1203.2	1190.9	1224.8
14:01:29.966,11/05/96	1115.9	1196	1172.9	1198	1194.5	1182.8	1154.6	1209.5	1213.8	1188.8	1150.4	1176.2	1135.3	1200.1	1192	1226.4
14:01:29.983,11/05/96	1075	1199	1156.6	1181.9	1201.7	1184.8	1158.2	1209.7	1212.4	1190.2	1149	1178.3	1141.6	1202.1	1192.2	1223.9
14:01:30.000,11/05/96	1124.7	1198	1174	1197.1	1193.6	1181.9	1156.6	1207.7	1212.7	1187.7	1150.6	1175.5	1135	1199.6	1191.8	1225.9
14:01:30.016,11/05/96	1076.8	1194.5	1153.7	1181.8	1201.4	1183.7	1157.8	1207.5	1212.7	1189.1	1149.7	1176	1141.6	1200.7	1193.3	1223
14:01:30.033,11/05/96	1133.7	1201	1172.9	1194	1193.5	1181	1158.7	1206.1	1211.5	1186.8	1150.8	1174.6	1135	1198.9	1191.1	1225.3
14:01:30.050,11/05/96	1074.1	1192.2	1155.3	1183.4	1200.3	1183.2	1158.2	1205.9	1213.4	1188.1	1150.4	1173.7	1140.9	1199.4	1193.3	1223.3
14:01:30.066,11/05/96	1123.6	1203	1173.7	1191.8	1193.1	1181.2	1160.7	1204.6	1211.1	1185.7	1151	1173.3	1134.6	1198	1190.2	1225.7
14:01:30.083,11/05/96	1061.9	1189.3	1156.2	1184.1	1199	1183.4	1158.5	1203.9	1214	1187	1150.8	1171	1140	1198	1193.3	1223.5
14:01:30.100,11/05/96	1120.4	1204.4	1171.9	1187.7	1193.6	1182.1	1162.7	1203	1210.2	1184.8	1150.8	1172	1135.3	1197.2	1189.5	1225
14:01:30.116,11/05/96	1076.3	1186.6	1158.9	1186.8	1196.9	1183	1158.5	1201.7	1213.8	1185.5	1151.2	1168.3	1138.2	1196.3	1193.6	1222.6
14:01:30.133,11/05/96	1104.7	1205.3	1168.3	1183.6	1195.3	1182.8	1164.5	1201.2	1209.1	1184.1	1150.1	1171.7	1136.2	1196.5	1190.2	1222.6
14:01:30.150,11/05/96	1083.1	1186.1	1161.6	1188.4	1195.6	1183	1159.1	1199.8	1213.3	1184.3	1151.2	1166.3	1136.9	1194.9	1194.2	1221
14:01:30.166,11/05/96	1088.3	1204.1	1162.9	1179.1	1196.3	1183.6	1165.4	1199.6	1208.2	1183.7	1149.4	1169.9	1137.3	1195.8	1190	1220.3
14:01:30.183,11/05/96	1077.5	1187	1163.4	1190	1193.8	1183	1159.6	1198.3	1211.8	1183.4	1150.8	1164.3	1135.5	1194.7	1192.9	1219.6
14:01:30.200,11/05/96	1093	1201.7	1160.2	1176.5	1197.1	1184.3	1165.6	1198.3	1207.3	1183.4	1148.8	1167.9	1138	1196	1189.5	1217.8
14:01:30.216,11/05/96	1101.5	1187.9	1166.3	1190.9	1192.2	1183.2	1160	1196.2	1210.2	1182.5	1149.9	1162.7	1133.7	1193.3	1191.3	1217.8
14:01:30.233,11/05/96	1084.7	1198.1	1157.1	1174.6	1197.8	1185.2	1164.8	1196.3	1206.4	1183.4	1147.6	1165.7	1138.4	1194.9	1189.1	1215.4
14:01:30.250,11/05/96	1103.8	1189.9	1168.6	1190.2	1191.1	1183.2	1160	1194.5	1208	1181.9	1148.5	1160.9	1132.8	1192.2	1189.7	1216.3
14:01:30.266,11/05/96	1066.2	1194.7	1153.7	1172.9	1198.3	1185.7	1163.2	1194.9	1205.5	1183.4	1145.9	1163.6	1138.7	1194.2	1188.8	1213.4
14:01:30.283,11/05/96	1105.8	1191.3	1169.2	1188.4	1190.9	1183.6	1159.6	1193.3	1206.2	1181.6	1146.8	1159.8	1132.4	1191.7	1188.6	1214.9
14:01:30.300,11/05/96	1060.4	1192.2	1150.8	1171.9	1198.3	1186.3	1161.6	1193.8	1204.4	1183.4	1144.7	1161.4	1139.5	1193.3	1188.6	1212
14:01:30.316,11/05/96	1104.5	1194.2	1171	1187.2	1190.2	1184.3	1160	1192.6	1203.7	1181.6	1145.6	1159.3	1133	1191.1	1186.8	1214.2
14:01:30.333,11/05/96	1055.9	1189.5	1150.1	1172.6	1198.1	1187	1160.3	1193.1	1203.5	1183.6	1143.8	1159.8	1140.2	1192.4	1188.1	1211.3
14:01:30.350,11/05/96	1115	1196.5	1168.8	1184.1	1190.4	1184.8	1160.5	1192.2	1201.6	1181.8	1144.3	1158.9	1133.9	1190.8	1185	1213.6
14:01:30.366,11/05/96	1064	1184.6	1151.2	1174.9	1197.1	1187	1158.2	1192.7	1203	1183.4	1143.6	1157.8	1140.2	1191.3	1187.3	1211.1
14:01:30.383,11/05/96	1123.3	1198.1	1167.9	1180.1	1191.1	1185.4	1160.7	1192.2	1199.4	1181.6	1143.4	1158.9	1135.3	1190.4	1183.4	1212.7
14:01:30.400,11/05/96	1074.3	1181.2	1153.5	1177.3	1195.4	1186.8	1156.4	1192.2	1202.1	1182.7	1143.6	1155.8	1139.5	1190	1186.6	1210.2
14:01:30.416,11/05/96	1107.2	1199.2	1165.6	1175.8	1192	1184.5	1161.1	1192.4	1197.2	1181.2	1142.9	1158.7	1136.9	1190.6	1182.1	1211.6

Table 6. 1/2 Inch Raw Data

14:01:30.433,11/05/96	1082.2	1179.8	1156.4	1178.9	1193.5	1184.8	1155.1	1192	1201	1182.1	1144	1154.6	1138.6	1189.7	1185.9	1210.4
14:01:30.450,11/05/96	1086.2	1198.1	1159.6	1171.1	1193.5	1185.4	1160.7	1192.9	1195.8	1181.6	1142.9	1158.7	1138.6	1190.8	1181.4	1210.2
14:01:30.466,11/05/96	1079.7	1180.5	1158.2	1180.3	1192	1184.8	1154.4	1192.2	1199.4	1181.6	1144.5	1154	1137.5	1189	1184.6	1209.8
14:01:30.483,11/05/96	1094.6	1195.3	1155.5	1167.5	1195.1	1185.9	1159.6	1193.1	1194.5	1181.9	1143.1	1158.4	1139.8	1190.4	1181.6	1208.8
14:01:30.500,11/05/96	1100.8	1181.4	1160.9	1181.9	1190.4	1184.5	1153.7	1192.2	1197.4	1181.4	1144.9	1153.7	1136	1188.2	1183.7	1209.5
14:01:30.516,11/05/96	1084.7	1192.7	1152.6	1165.9	1195.8	1186.3	1158.5	1193.5	1193.3	1182.5	1143.2	1157.8	1140.4	1189.9	1181.4	1207.5
14:01:30.533,11/05/96	1102.4	1183.2	1162.5	1181.6	1189.5	1184.5	1153.5	1192.6	1195.3	1181.2	1145.4	1153.9	1135.1	1187.7	1182.8	1208.6
14:01:30.550,11/05/96	1069.6	1189	1149	1165	1196.2	1186.4	1157.3	1194	1192.4	1182.3	1142.7	1157.5	1140.7	1189.7	1181.8	1205.7
14:01:30.566,11/05/96	1108	1184.8	1164.5	1181	1188.6	1183.9	1153.7	1193.1	1193.3	1180.5	1144.9	1154.2	1134.2	1186.8	1182.1	1207.1
14:01:30.583,11/05/96	1065.5	1186.8	1147.9	1165.4	1195.8	1185.9	1156	1194.2	1191.7	1181.8	1144.1	1156.7	1140.4	1189.1	1181.9	1204.3
14:01:30.600,11/05/96	1115.3	1184.8	1165.7	1181.6	1187.7	1183.2	1153.5	1192.9	1192	1179.6	1146.1	1154	1133.5	1186.6	1181.4	1205.9
14:01:30.616,11/05/96	1065.1	1183	1145.6	1165.6	1195.6	1185.2	1154.8	1193.6	1191.3	1181	1145.2	1155.8	1140	1187.9	1182.1	1202.5
14:01:30.633,11/05/96	1108.9	1185.5	1165.4	1180.1	1187.7	1182.8	1153.5	1192.6	1190.8	1178.5	1147.4	1154.2	1133	1186.1	1180.5	1204.3
14:01:30.650,11/05/96	1062.6	1181.9	1144.3	1165.2	1195.4	1185	1153.9	1193.8	1190.6	1180	1146.5	1155.3	1139.5	1187.2	1181.8	1201
14:01:30.666,11/05/96	1114.1	1187	1163.9	1178.5	1187.7	1182.7	1153.5	1192.6	1189.5	1177.4	1147.7	1154.4	1132.3	1185	1179.6	1202.8
14:01:30.683,11/05/96	1055.8	1179.1	1144.7	1166.8	1195.1	1184.6	1152.4	1192.6	1190.8	1178.9	1147.7	1154.4	1138.6	1186.3	1181.8	1199.4
14:01:30.700,11/05/96	1112.5	1189.3	1162.5	1176.7	1187.9	1182.3	1153.9	1191.8	1188.4	1176.4	1148.5	1154.8	1131.9	1185.5	1178.3	1201.2
14:01:30.716,11/05/96	1051.6	1177.1	1144	1168.3	1194.4	1184.1	1151.7	1191.8	1190.8	1177.4	1148.8	1153.7	1137.5	1185.7	1181.2	1198.1
14:01:30.733,11/05/96	1111.9	1191.7	1161.1	1173.8	1188.4	1182.3	1154.9	1190.8	1187.5	1175.1	1149.2	1155.3	1131.9	1184.5	1177.1	1199.4
14:01:30.750,11/05/96	1068	1174.6	1147.2	1172.6	1192.6	1183.6	1150.6	1190	1191.1	1175.8	1149.5	1152.2	1135.3	1183.6	1180.5	1196.9
14:01:30.766,11/05/96	1104	1193.5	1158.2	1170.8	1189.7	1182.7	1156.4	1189.9	1186.8	1174.2	1148.6	1155.8	1132.4	1183.4	1176	1197.2
14:01:30.783,11/05/96	1082.4	1175.6	1152.4	1175.8	1190	1183	1150.6	1188.8	1191.7	1174	1149.9	1151.7	1132.8	1181.4	1179.6	1196.2
14:01:30.800,11/05/96	1086.7	1192.7	1153.1	1165.7	1191.5	1183.6	1156.4	1189.1	1188.1	1173.3	1148.5	1156	1133.3	1182.1	1175.6	1195.8
14:01:30.816,11/05/96	1071.2	1176.7	1153.7	1177.6	1189	1182.7	1150.4	1187.9	1192	1172.2	1149.9	1151.3	1130.8	1179.8	1178.5	1195.3
14:01:30.833,11/05/96	1071.8	1190.9	1148.1	1163	1192.9	1183.9	1156	1189	1188.1	1171.9	1147.9	1155.8	1133.7	1181.2	1175.5	1193.5
14:01:30.850,11/05/96	1088	1179.4	1155.5	1178	1187.2	1182.1	1150.8	1187.5	1191.1	1169.9	1149.4	1151.3	1128.5	1178.5	1177.3	1194
14:01:30.866,11/05/96	1068.4	1187.2	1144.3	1161.2	1193.1	1184.1	1155.3	1188.2	1188.4	1170.1	1147.6	1154.9	1133	1180.1	1175.6	1191.3
14:01:30.883,11/05/96	1104	1181.4	1158.2	1177.1	1186.1	1181.9	1151.3	1187	1190.4	1167.7	1149.2	1151.3	1126.5	1177.4	1176.2	1192.2
14:01:30.900,11/05/96	1060.8	1183.2	1140.7	1160.3	1193.6	1184.3	1154	1187.7	1189.1	1168.6	1147.4	1153.9	1132.4	1179.2	1176	1189
14:01:30.916,11/05/96	1113	1182.3	1158.9	1175.3	1185.5	1181.9	1151.7	1186.6	1189.7	1165.9	1148.5	1151.5	1125.2	1177.3	1174.9	1190.2
14:01:30.933,11/05/96	1065.1	1178.5	1137.8	1160.2	1193.6	1184.1	1152.4	1187.2	1189.9	1167.7	1146.7	1152.8	1131.9	1178.5	1176.2	1186.6
14:01:30.950,11/05/96	1122.7	1184.5	1157.5	1172.2	1185.9	1181.6	1152.6	1186.3	1188.8	1165	1147.2	1152.1	1124.7	1176.7	1174	1187.9
14:01:30.966,11/05/96	1065.3	1174.2	1138.7	1161.4	1193.1	1183.7	1150.6	1186.6	1190.6	1166.6	1146.1	1151.5	1130.8	1177.6	1176.5	1184.3
14:01:30.983,11/05/96	1126.3	1187.3	1156.7	1167.7	1186.6	1181.9	1153.1	1185.9	1187.9	1164.5	1145.9	1152.8	1124.7	1176.9	1172.9	1185.4
14:01:31.000,11/05/96	1065.8	1171.9	1139.3	1163	1191.8	1183.4	1149.4	1185.5	1190.9	1165.6	1145.2	1150.8	1129	1176.9	1176.2	1182.3
14:01:31.016,11/05/96	1109.2	1188.4	1154.4	1164.1	1187.3	1182.5	1153	1185.2	1186.8	1163.9	1144.5	1153.3	1124.7	1176.7	1172	1183.2
14:01:31.033,11/05/96	1071.4	1169.7	1142.2	1165.2	1190	1183.7	1147.6	1184.5	1190.9	1164.5	1144.9	1149.7	1127	1176.2	1175.6	1180.9
14:01:31.050,11/05/96	1092.8	1187.7	1150.3	1160.9	1188.4	1183.2	1153	1184.6	1186.3	1163.4	1143.4	1153.5	1125.2	1176.9	1171.3	1180.7

Table 6. 1/2 Inch Raw Data

14:01:31.066,11/05/96	1087.3	1169	1145.6	1167.5	1188.1	1182.7	1146.8	1183.6	1190.4	1163.2	1144.7	1149.9	1124.9	1175.6	1174.6	1179.1
14:01:31.083,11/05/96	1095	1185.7	1145.6	1156.9	1189.9	1183	1152.2	1183.9	1186.1	1163	1142.7	1154.6	1126	1177.4	1171.1	1178.2
14:01:31.100,11/05/96	1080.6	1170.4	1147.6	1169.5	1186.6	1181.6	1146.1	1182.7	1189.9	1162.1	1144.1	1149.9	1123.1	1175.6	1173.8	1177.6
14:01:31.116,11/05/96	1075.9	1183.9	1141.6	1154.8	1190.8	1182.5	1151.2	1183.2	1185.7	1162.5	1142.2	1154.4	1126.1	1177.4	1171.5	1175.6
14:01:31.133,11/05/96	1092.1	1171.9	1148.6	1169.9	1185.4	1180.3	1145.8	1181.8	1188.8	1161.2	1143.8	1149.9	1121.3	1175.1	1173.3	1176.2
14:01:31.150,11/05/96	1074.7	1180	1137.8	1153.5	1191.5	1182.1	1150.1	1182.5	1185.7	1162.1	1142	1153.5	1126	1177.8	1171.7	1173.7
14:01:31.166,11/05/96	1112.3	1174.4	1151.9	1169.9	1184.1	1179.6	1146.1	1180.9	1187.5	1160.5	1143.8	1149.9	1119.7	1175.6	1172	1174.7
14:01:31.183,11/05/96	1069.4	1176.2	1134.1	1153.7	1191.7	1181.8	1148.6	1181.8	1186.1	1162	1142.3	1152.4	1126	1177.6	1171.9	1171.7
14:01:31.200,11/05/96	1124.2	1175.6	1153.1	1169.2	1183.7	1179.2	1146.7	1180.9	1186.3	1159.8	1144.7	1150.1	1118.8	1177.3	1171	1173.3
14:01:31.216,11/05/96	1077.7	1173.1	1132.8	1153.9	1191.3	1181.4	1148.3	1181.8	1185.7	1161.4	1143.6	1151.7	1125.1	1179.1	1171.7	1170.1
14:01:31.233,11/05/96	1125.6	1176.9	1153.3	1167.9	1183.4	1178.7	1147.7	1181	1184.8	1159.3	1145	1150.4	1117.9	1177.1	1169.9	1172
14:01:31.250,11/05/96	1068	1169.9	1133.3	1156.2	1190.9	1180.9	1147.6	1181.2	1185.5	1161.1	1143.8	1151	1124	1178.5	1171.7	1169.2
14:01:31.266,11/05/96	1122.2	1179.8	1151.9	1165.9	1183.7	1178.3	1149.4	1180.7	1183	1158.9	1144	1151.2	1117.3	1176.9	1168.4	1171
14:01:31.283,11/05/96	1062.8	1165.9	1133.3	1158.9	1189.9	1180.1	1146.5	1180.7	1185.4	1160.3	1143.2	1149.7	1122.7	1177.3	1171.5	1168.3
14:01:31.300,11/05/96	1123.4	1181.2	1149.4	1162.7	1184.6	1178.5	1150.4	1180.1	1181.6	1158.7	1142.9	1151.5	1117.9	1176.5	1167.5	1169.9
14:01:31.316,11/05/96	1082.4	1163.4	1135.9	1162	1188.4	1179.4	1146.1	1179.8	1185	1160	1142.9	1148.6	1121.3	1176	1171.1	1167.7
14:01:31.333,11/05/96	1120.6	1182.1	1147.4	1160	1185.4	1178.7	1151.3	1179.8	1180.3	1158.9	1141.8	1152.2	1118.6	1176.2	1166.6	1168.6
14:01:31.350,11/05/96	1100.2	1163.8	1138.9	1164.1	1186.6	1178.5	1145.8	1179.1	1184.5	1159.4	1142.3	1148.3	1119.5	1175.1	1170.2	1167.4
14:01:31.366,11/05/96	1106	1182.1	1142.5	1156	1186.6	1178.7	1151.5	1179.4	1180	1158.9	1140.9	1152.6	1118.9	1175.8	1165.7	1167.7
14:01:31.383,11/05/96	1099.7	1164.3	1141.4	1166.1	1185	1178.2	1145.2	1178.2	1184.5	1158.9	1142	1147.9	1117.5	1173.8	1169	1167.2
14:01:31.400,11/05/96	1115.9	1179.4	1139.1	1153.3	1187.9	1178.7	1150.6	1178.9	1180.1	1159.1	1139.8	1152.2	1119.7	1175.3	1165.6	1166.3
14:01:31.416,11/05/96	1113.5	1165.2	1143.2	1167	1183.7	1176.9	1144.7	1177.8	1183.6	1158.4	1141.3	1148.1	1116.1	1172.8	1168.3	1166.8
14:01:31.433,11/05/96	1102.6	1179.1	1137.7	1152.1	1188.6	1178	1149.7	1178.5	1179.6	1158.9	1139.1	1153.1	1119.5	1174.6	1165.9	1165.4
14:01:31.450,11/05/96	1116.8	1166.8	1144.1	1167.2	1183.2	1175.8	1144.3	1177.3	1182.8	1158.2	1140.5	1149.2	1114.6	1171.9	1168.1	1166.5
14:01:31.466,11/05/96	1100.8	1177.8	1136	1151.5	1188.4	1177.3	1149	1178	1179.4	1159.1	1138.4	1153.3	1118.6	1173.7	1165.6	1164.7
14:01:31.483,11/05/96	1122.4	1168.8	1147.2	1167.5	1181.8	1174.7	1144	1176.7	1181.8	1157.8	1139.8	1149.2	1113	1171	1166.6	1166.3
14:01:31.500,11/05/96	1084.6	1173.5	1132.6	1151	1188.8	1176.5	1147.4	1177.6	1179.8	1159.3	1137.8	1152.4	1118.6	1172.8	1165.6	1163.8
14:01:31.516,11/05/96	1130.3	1171.1	1149.9	1166.6	1180.7	1173.8	1144.5	1176.4	1180.7	1157.5	1139.1	1149.5	1111.9	1170.2	1164.7	1165.4
14:01:31.533,11/05/96	1075.2	1170.6	1130.8	1151	1188.1	1176	1146.1	1177.3	1180	1159.1	1137.5	1151.3	1118.2	1171.7	1164.7	1162.7
14:01:31.550,11/05/96	1122.4	1173.3	1151.7	1165.6	1179.6	1173.3	1144.7	1176.2	1179.4	1156.9	1138.6	1149.5	1110.7	1169.5	1162.7	1164.7
14:01:31.566,11/05/96	1072	1167.5	1130.3	1151.7	1187.2	1175.5	1144.5	1177.1	1180	1158.7	1137.5	1150.1	1117.1	1171	1163.9	1161.6
14:01:31.583,11/05/96	1133.9	1174.7	1148.8	1162.9	1179.6	1172.8	1145	1176.5	1178.3	1156.6	1138.2	1149.4	1110.5	1169.9	1160.9	1163.8
14:01:31.600,11/05/96	1080.8	1163	1130.3	1153	1186.6	1174.6	1142.9	1176.9	1180.1	1158.2	1137.5	1148.3	1116.4	1170.8	1163.6	1160.7
14:01:31.616,11/05/96	1140	1175.5	1148.8	1160.2	1179.8	1172.2	1145	1176.7	1177.3	1156	1138.2	1149.2	1110.5	1169.9	1159.8	1162.5

Table 6. 1/2 Inch Raw Data

	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
17:40:16.000,11/09/96	76.01	72.95	71.51	69.53	67.19	66.83	70.25	68.27	69.17	70.43	67.91	69.17	68.09	67.91	70.07	68.99
17:40:16.016,11/09/96	72.95	75.47	76.19	72.77	66.65	65.93	71.33	70.79	69.71	72.59	67.19	68.81	67.37	67.55	70.25	69.89
17:40:16.033,11/09/96	84.47	74.57	70.97	67.37	67.01	65.93	71.15	68.09	69.89	70.61	68.27	69.53	67.73	68.45	70.25	69.89
17:40:16.050,11/09/96	75.29	71.15	72.59	71.51	67.37	67.73	69.53	68.81	68.99	70.25	67.37	68.27	67.55	67.73	69.53	69.71
17:40:16.066,11/09/96	92.75	75.11	74.39	70.25	66.83	65.93	71.15	69.71	69.71	71.51	67.55	68.81	67.01	67.73	69.89	69.71
17:40:16.083,11/09/96	151.07	73.13	70.61	66.65	67.37	66.83	70.25	67.55	69.53	69.71	68.09	68.81	67.37	67.73	69.53	69.35
17:40:16.100,11/09/96	227.39	69.35	70.61	68.27	67.73	72.41	68.99	67.55	68.63	68.99	67.73	68.09	67.55	67.37	69.53	69.35
17:40:16.116,11/09/96	314.69	69.17	72.41	71.69	67.55	102.83	68.63	68.99	68.63	69.89	67.37	67.91	67.01	67.01	69.35	69.35
17:40:16.133,11/09/96	411.71	72.77	75.83	71.69	67.19	150.17	69.89	69.89	73.85	70.97	67.55	68.27	66.83	67.19	69.53	69.53
17:40:16.150,11/09/96	512.15	74.21	74.39	68.63	67.01	205.25	70.43	69.17	107.51	70.43	67.91	68.81	67.19	67.55	69.71	69.53
17:40:16.166,11/09/96	599.09	71.87	71.33	65.93	67.55	265.19	69.53	67.37	147.29	68.99	68.27	68.45	67.37	67.55	69.35	69.35
17:40:16.183,11/09/96	667.13	68.09	70.61	67.91	67.91	329.99	68.27	67.01	187.07	68.45	67.91	82.31	67.73	67.19	69.35	69.89
17:40:16.200,11/09/96	727.61	68.09	72.95	70.97	67.91	394.43	68.27	68.27	226.31	69.35	67.55	129.65	67.37	67.01	69.17	69.89
17:40:16.216,11/09/96	791.87	70.97	77.27	71.33	67.55	455.09	69.89	69.35	264.11	70.43	67.55	179.69	67.19	67.01	69.53	70.97
17:40:16.233,11/09/96	852.17	73.49	76.37	68.81	67.37	511.61	70.61	68.63	297.05	70.07	67.91	228.29	67.19	67.37	71.33	70.79
17:40:16.250,11/09/96	906.89	72.41	73.31	66.11	67.55	565.61	70.43	67.19	326.03	68.63	68.27	274.55	67.55	67.55	96.71	70.79
17:40:16.266,11/09/96	948.11	70.07	70.97	64.49	68.09	616.19	69.35	65.93	351.59	67.37	68.27	319.91	68.09	67.37	145.67	70.25
17:40:16.283,11/09/96	978.17	66.11	69.53	67.01	68.27	662.99	68.09	66.11	375.17	67.19	67.73	363.65	68.27	67.01	202.73	70.43
17:40:16.300,11/09/96	1003.6	65.39	72.41	69.53	68.27	706.01	67.91	67.37	397.31	68.27	67.19	404.69	68.09	66.83	262.49	70.97
17:40:16.316,11/09/96	1027.1	67.01	75.11	72.95	68.09	744.17	68.45	68.99	418.01	69.89	67.01	443.03	67.73	67.19	325.85	71.33
17:40:16.333,11/09/96	1054.7	70.07	77.27	73.31	67.91	780.17	69.71	69.89	437.45	70.97	67.19	477.95	67.73	68.09	391.01	72.05
17:40:16.350,11/09/96	1082.8	73.49	78.35	70.43	67.91	813.83	70.79	69.53	455.63	70.97	67.55	508.91	67.91	68.81	458.87	72.59
17:40:16.366,11/09/96	1107.8	73.67	75.47	67.73	67.91	845.33	70.79	68.45	471.83	69.89	68.45	536.27	68.63	69.35	530.15	72.95
17:40:16.383,11/09/96	1127	72.05	72.77	64.85	68.63	875.93	70.07	67.19	486.59	68.63	68.99	559.85	69.17	69.53	601.79	73.31
17:40:16.400,11/09/96	1136.4	68.81	70.61	64.85	68.99	905.81	68.81	67.01	500.45	67.73	68.81	580.73	69.71	69.71	670.73	73.67
17:40:16.416,11/09/96	1140.9	65.21	70.43	68.09	69.35	932.63	67.91	67.73	513.41	68.09	68.45	599.45	69.89	69.71	736.97	74.57
17:40:16.433,11/09/96	1144.5	65.93	74.03	70.25	69.17	957.65	68.27	69.17	526.37	69.35	68.45	616.91	70.07	72.59	798.53	75.47
17:40:16.450,11/09/96	1153.3	68.27	76.37	73.31	68.63	979.97	68.99	71.15	539.15	70.79	68.45	633.47	70.07	87.17	854.69	76.91
17:40:16.466,11/09/96	1166.5	71.33	79.07	72.41	68.63	999.23	70.61	71.87	551.39	71.87	68.99	652.37	70.61	116.51	905.45	78.35
17:40:16.483,11/09/96	1181.8	74.57	77.99	68.99	68.45	1018.3	71.69	71.51	563.09	71.69	69.89	680.99	81.41	158.09	950.09	79.61
17:40:16.500,11/09/96	1195.1	74.03	74.93	66.47	68.81	1037.2	71.33	70.43	573.53	70.43	71.33	714.47	139.37	208.67	989.87	80.69
17:40:16.516,11/09/96	1198.3	71.69	72.95	63.77	69.35	1054.3	70.25	69.35	583.61	69.35	93.65	755.51	225.41	266.09	1024.6	81.95
17:40:16.533,11/09/96	1195.3	68.27	70.79	66.11	69.53	1071.2	68.99	69.89	593.15	68.81	145.85	801.59	322.43	328.19	1054.7	83.03
17:40:16.550,11/09/96	1191.7	65.39	72.95	69.17	70.07	1086.4	68.27	84.83	602.87	75.11	213.89	847.85	421.97	392.81	1080.8	84.47
17:40:16.566,11/09/96	1189.9	66.83	76.37	71.87	69.89	1098.4	68.63	123.71	613.85	111.65	290.93	893.03	516.65	457.79	1102.7	85.73
17:40:16.583,11/09/96	1196.3	69.17	78.35	74.21	70.25	1109.4	69.53	172.85	635.63	169.07	373.01	935.51	604.49	520.43	1121.8	86.99
17:40:16.600,11/09/96	1205.9	72.05	80.51	72.77	79.97	1122	70.79	229.37	666.23	236.57	454.37	974.57	683.51	578.21	1137.8	88.25

Table 7. 1/2 Inch Raw Data

17:40:16.616,11/09/96	1216.1	75.11	80.69	70.07	96.35	1136.2	78.35	292.19	704.57	309.83	531.77	1009.7	754.79	630.77	1150.8	88.97
17:40:16.633,11/09/96	1225.7	75.47	77.81	67.91	116.15	1151.5	124.25	361.31	748.49	383.09	604.31	1041	815.99	678.11	1161.1	89.87
17:40:16.650,11/09/96	1234.1	91.85	74.57	65.75	136.67	1166.8	189.23	432.41	791.51	453.83	672.35	1068.5	865.85	720.05	1169.5	90.77
17:40:16.666,11/09/96	1235.2	129.65	73.67	64.49	157.55	1181.4	258.17	501.53	832.37	521.33	734.45	1093.4	908.33	756.95	1176	91.67
17:40:16.683,11/09/96	1234	177.89	83.57	66.11	194.81	1194.5	330.71	568.13	870.89	585.05	790.97	1115.9	943.07	789.53	1180.7	92.57
17:40:16.700,11/09/96	1229.6	232.25	135.41	72.59	244.49	1205.5	408.29	630.95	909.23	643.19	842.45	1136.2	972.05	818.69	1184.6	93.65
17:40:16.716,11/09/96	1226.4	292.19	207.77	83.03	296.33	1214.7	485.87	689.45	946.31	694.85	889.43	1154	996.53	845.33	1187.9	95.27
17:40:16.733,11/09/96	1224.6	362.57	295.07	100.13	351.77	1221.9	561.11	744.17	982.13	739.85	929.57	1170.2	1016.7	869.09	1190.2	96.53
17:40:16.750,11/09/96	1223.7	439.43	392.27	124.97	412.07	1226.9	629.33	795.47	1016	780.35	963.05	1184.5	1033.1	890.69	1191.7	98.15
17:40:16.766,11/09/96	1225	515.75	487.49	156.29	472.01	1227.8	689.45	841.73	1046.9	815.63	990.59	1197.6	1046.8	910.49	1192.2	99.23
17:40:16.783,11/09/96	1233.1	589.91	576.59	191.39	530.15	1227.8	743.27	882.59	1074.5	846.95	1012.9	1209.1	1058.5	927.59	1192.6	100.31
17:40:16.800,11/09/96	1240.1	657.77	658.13	227.75	590.27	1228.6	794.57	917.51	1098.2	873.41	1031.1	1218.8	1068.2	942.53	1192	101.39
17:40:16.816,11/09/96	1248.7	718.43	730.13	280.49	649.13	1229.8	843.35	945.77	1119.1	895.91	1046.4	1227.5	1076.3	956.03	1190.8	102.11
17:40:16.833,11/09/96	1256.8	772.79	790.25	354.11	703.31	1231.8	885.11	969.53	1136.9	914.99	1059.2	1234.7	1082.9	968.63	1189.1	102.65
17:40:16.850,11/09/96	1262.4	821.21	842.99	435.83	752.63	1235	922.01	988.25	1152.2	931.73	1069.3	1240.3	1088.3	979.25	1187.5	103.37
17:40:16.866,11/09/96	1261.9	863.87	888.71	520.43	798.17	1238.8	956.75	1004.8	1165.4	946.49	1077.5	1244	1092.3	988.43	1185.7	104.27
17:40:16.883,11/09/96	1257.5	902.93	930.65	605.57	839.93	1243	987.89	1018.3	1176.9	959.63	1083.5	1246.7	1095	996.53	1183.7	104.81
17:40:16.900,11/09/96	1249.6	938.39	967.55	684.95	878.63	1247.8	1014.2	1029.7	1187	972.23	1087.4	1248.7	1096.8	1003.2	1182.1	105.71
17:40:16.916,11/09/96	1241.3	970.97	999.23	757.31	914.99	1252.1	1036.9	1039.4	1195.6	984.11	1088.9	1249.8	1097.7	1008.4	1180.7	106.79
17:40:16.933,11/09/96	1235.2	1000.5	1030	821.39	948.29	1255.4	1056.3	1047.3	1203.5	995.09	1089.2	1250.5	1097.9	1012.7	1179.4	107.87
17:40:16.950,11/09/96	1227.8	1027.9	1058.6	877.19	977.81	1257	1073.2	1054	1210.2	1005.2	1088.7	1250.7	1097.3	1016.7	1178.3	109.31
17:40:16.966,11/09/96	1224.8	1055	1085.3	924.89	1004.5	1257.2	1087.8	1059.4	1216.3	1014.4	1087.8	1251.2	1096.3	1020.3	1177.1	110.57
17:40:16.983,11/09/96	1220.8	1080.4	1108.3	966.83	1028.4	1256.8	1100.2	1063.3	1221.4	1022.5	1086.4	1252	1095.2	1023.5	1175.8	111.65
17:40:17.000,11/09/96	1223.7	1102.7	1125.6	1002.7	1049.1	1255.9	1110.8	1066.2	1225.5	1029.3	1084.9	1252.3	1093.7	1026.2	1174.6	113.09
17:40:17.016,11/09/96	1231.6	1123.8	1141.8	1033.8	1067.1	1254.3	1119.7	1067.8	1228.7	1035.2	1083.3	1253.2	1091.9	1029.1	1173.8	114.17
17:40:17.033,11/09/96	1237.6	1141.3	1154.9	1059.4	1083.3	1252.3	1127.2	1068	1231.4	1040.1	1081.7	1253.6	1090.3	1031.3	1172.8	115.25
17:40:17.050,11/09/96	1245.1	1155.5	1165.9	1079.9	1097.5	1250.7	1133	1067.1	1233.1	1043.7	1079.7	1254.1	1088.5	1032.9	1171.9	116.15
17:40:17.066,11/09/96	1251.1	1167.9	1175.8	1097.2	1110.7	1249.3	1137.5	1065.1	1234	1046.4	1077.5	1254.1	1086.7	1034.3	1170.6	116.87
17:40:17.083,11/09/96	1255.7	1177.8	1181.9	1112.1	1122.5	1248	1142.9	1062.2	1234.3	1048.4	1075	1254.1	1084.7	1035.6	1169	117.41
17:40:17.100,11/09/96	1261	1185.7	1185.4	1126.1	1132.6	1246.9	1148.3	1059	1233.8	1049.6	1072.3	1253	1082.9	1036.3	1166.8	117.77
17:40:17.116,11/09/96	1262.9	1190.6	1187.9	1139.1	1141.3	1246.2	1153	1055.6	1232.9	1050.4	1069.4	1251.1	1081.1	1036.7	1164.3	118.13
17:40:17.133,11/09/96	1264.6	1193.1	1190.2	1150.8	1149.2	1246.7	1157.1	1052.2	1231.4	1051.1	1066.4	1248.7	1079.2	1036.9	1161.8	118.49
17:40:17.150,11/09/96	1262.8	1194.5	1193.1	1161.4	1156.2	1247.5	1161.8	1048.7	1229.8	1051.6	1063	1246	1077.2	1036.7	1159.1	118.85
17:40:17.166,11/09/96	1255.6	1195.4	1196.9	1171.1	1162.7	1248.7	1166.5	1045.9	1228.2	1052.2	1059.5	1243.5	1075	1036.5	1156.6	119.21
17:40:17.183,11/09/96	1245.5	1196.2	1200.3	1181	1168.8	1250.3	1170.6	1043.5	1226.2	1053.1	1055.9	1240.6	1072.7	1036	1153.9	119.57
17:40:17.200,11/09/96	1237.6	1197.1	1203.7	1190.6	1174.6	1252.3	1174.7	1041.4	1225.1	1054.3	1052.2	1237.9	1070.3	1035.6	1151.5	120.11
17:40:17.216,11/09/96	1230.2	1198.5	1206.6	1199.9	1180.3	1254.1	1178.7	1039.6	1224.4	1055.6	1048.2	1235.8	1067.8	1035.1	1149.2	120.47
17:40:17.233,11/09/96	1224.1	1200.7	1210.2	1208.6	1186.8	1255.9	1182.8	1038.1	1223.7	1056.8	1044.8	1233.2	1065.5	1034.7	1147	121.19

Table 7. 1/2 Inch Raw Data

17:40:17.250,11/09/96	1219.4	1203.2	1213.3	1216.9	1193.1	1257	1187.3	1036.5	1222.1	1058.3	1041	1230.7	1063.3	1034.7	1145.2	121.91
17:40:17.266,11/09/96	1214.9	1206.1	1216	1224.8	1199.4	1257.7	1192	1035.1	1220.5	1059.5	1037.2	1228.4	1061	1034.2	1143.2	122.45
17:40:17.283,11/09/96	1210.9	1208.9	1218.5	1231.6	1205.2	1258.3	1196.7	1033.6	1219	1061	1033.3	1226.2	1058.5	1033.6	1141.4	122.99
17:40:17.300,11/09/96	1207.5	1211.1	1219.7	1237.4	1210.6	1258.4	1201.2	1032	1217.8	1062.1	1029.5	1224.1	1056.1	1033.1	1139.6	123.53
17:40:17.316,11/09/96	1205.2	1213.6	1221.4	1242.4	1215.8	1258.4	1205	1030.6	1216.7	1063.1	1025.9	1221.9	1054	1032.7	1138.2	124.07
17:40:17.333,11/09/96	1202.8	1217.2	1223.7	1246.9	1220.5	1258.1	1208.6	1028.9	1216	1064.2	1022.3	1219.9	1052	1032.4	1136.6	124.61
17:40:17.350,11/09/96	1200.7	1220.5	1226.4	1251.1	1224.4	1257.5	1212.2	1027.5	1215.4	1065.5	1019	1217.8	1049.8	1032	1135.3	125.33
17:40:17.366,11/09/96	1198.9	1223.5	1228.9	1254.7	1228	1256.6	1215.8	1026.1	1215.1	1066.4	1015.8	1215.6	1047.8	1031.8	1133.9	126.23
17:40:17.383,11/09/96	1198	1226	1231.4	1258.1	1231.4	1255.7	1219	1024.4	1214.7	1067.5	1012.7	1213.4	1045.9	1031.5	1132.4	126.95
17:40:17.400,11/09/96	1198.5	1228.4	1234	1261.7	1234.3	1255.2	1222.3	1022.6	1214.5	1068.4	1009.7	1211.5	1044.2	1031.3	1131	127.85
17:40:17.416,11/09/96	1199.2	1230.7	1236.8	1265.1	1236.5	1254.5	1225.5	1020.7	1214.3	1069.1	1006.4	1209.5	1042.4	1031.1	1129.7	128.57
17:40:17.433,11/09/96	1198.7	1233.1	1240.4	1268.2	1238.3	1253.9	1228.6	1019.2	1214.2	1070	1003.2	1207.3	1041.2	1031.1	1128.5	129.47
17:40:17.450,11/09/96	1196.7	1235.4	1244.4	1270.9	1239.5	1253.2	1231.6	1017.2	1214.2	1070.7	999.95	1205.3	1039.6	1030.9	1127	130.19
17:40:17.466,11/09/96	1194.2	1237	1248.7	1272.8	1240.4	1252.9	1234.1	1015.3	1214	1071.1	996.89	1203.2	1038.3	1030.6	1125.8	130.91
17:40:17.483,11/09/96	1191.8	1239	1252.3	1274.5	1241	1252.5	1236.7	1013.3	1213.6	1071.1	993.65	1201	1036.7	1030.2	1124.3	131.45
17:40:17.500,11/09/96	1188.1	1241	1255.4	1276.1	1241.5	1252	1239	1011.5	1213.6	1071.4	990.59	1198.9	1035.1	1030	1123.1	131.99
17:40:17.516,11/09/96	1185.5	1242.4	1258.3	1277.9	1241.9	1251.6	1241	1009.7	1213.3	1071.8	987.35	1196.7	1033.6	1029.8	1121.8	132.71
17:40:17.533,11/09/96	1184.6	1243.9	1260.6	1279	1242.4	1251.6	1242.4	1007.7	1212.9	1071.6	984.11	1194.5	1032.2	1029.8	1120.4	133.25
17:40:17.550,11/09/96	1184.1	1244.9	1263.3	1280.6	1243.1	1252	1244	1005.9	1212.7	1071.8	980.87	1192.2	1031.1	1029.5	1119.3	133.97
17:40:17.566,11/09/96	1184.6	1245.7	1264.4	1281.8	1243.9	1252.9	1245.3	1003.7	1212	1072.1	977.81	1190	1029.7	1028.9	1118	134.87
17:40:17.583,11/09/96	1185	1246.2	1264.6	1282.7	1244.8	1253.9	1246.4	1001.6	1211.3	1072.5	974.75	1187.7	1028.2	1028.2	1116.6	135.59
17:40:17.600,11/09/96	1185.2	1247.1	1264.2	1283.6	1245.8	1255	1247.1	999.23	1210.4	1071.8	971.87	1185.5	1027.1	1027.9	1116.4	136.31
17:40:17.616,11/09/96	1185	1246.7	1263.7	1284	1246.7	1256.3	1247.6	996.89	1209.5	1070.9	968.99	1183.4	1025.9	1027.1	1115	136.85
17:40:17.633,11/09/96	1183	1246.6	1262	1285.1	1248.2	1257.9	1248	994.73	1208.6	1070.2	966.11	1181.2	1024.8	1026.6	1113.5	137.21
17:40:17.650,11/09/96	1181	1246.2	1260.4	1286	1249.3	1259.5	1248	992.21	1207.3	1069.1	963.23	1179.4	1023.5	1025.9	1113.7	137.57
17:40:17.666,11/09/96	1178.7	1246.9	1259.7	1286.3	1250.2	1261	1248	989.69	1206.1	1068	960.17	1177.3	1022.3	1025	1111.9	137.75
17:40:17.683,11/09/96	1176.4	1246.6	1259	1286.3	1251.1	1262.2	1248	986.99	1205	1066.7	957.47	1175.3	1021.2	1024.3	1110.1	137.93
17:40:17.700,11/09/96	1174.4	1246.4	1258.6	1286	1252	1263.7	1248	984.47	1203.5	1065.5	954.95	1173.3	1020.3	1023.7	1108.1	138.29
17:40:17.716,11/09/96	1172.6	1246.9	1258.8	1285.4	1252.9	1265.1	1247.6	981.77	1202.3	1063.9	952.61	1171.3	1019.4	1023.2	1106.3	138.47
17:40:17.733,11/09/96	1171	1246.2	1258.1	1283.6	1253.6	1266.4	1247.3	978.71	1201	1062.1	950.27	1169.5	1018.5	1022.5	1104.7	138.47
17:40:17.750,11/09/96	1168.3	1244.6	1256.5	1281.1	1254.1	1267.6	1247.1	975.29	1198.9	1059.9	948.29	1167.9	1017.6	1021.7	1102.9	138.65
17:40:17.766,11/09/96	1164.1	1243.1	1255.7	1278.8	1254.7	1268.7	1246.6	971.69	1196	1057.4	946.13	1165.9	1016.9	1021.2	1100.8	138.65
17:40:17.783,11/09/96	1164.7	1241.2	1255	1276.1	1255.4	1269.4	1246.4	968.45	1193.5	1055.4	944.51	1164.1	1016.3	1020.7	1098.8	138.83
17:40:17.800,11/09/96	1172.2	1239	1252.9	1273.4	1256.3	1270.1	1246.6	965.93	1190.8	1054.7	943.07	1162.5	1016	1020.3	1096.8	139.01
17:40:17.816,11/09/96	1182.3	1236.8	1249.4	1270.5	1257	1270.9	1246.7	964.13	1188.4	1055.6	941.63	1161.1	1015.4	1019.9	1094.8	139.55
17:40:17.833,11/09/96	1188.8	1235.8	1245.1	1267.6	1257.7	1271.6	1246.7	963.95	1186.4	1058.3	940.55	1159.8	1015.1	1019.8	1093	139.73
17:40:17.850,11/09/96	1197.6	1236.7	1240.6	1263.8	1258.3	1272.5	1247.1	966.47	1185.5	1063.5	939.83	1159.3	1014.7	1019.9	1091.4	140.27
17:40:17.866,11/09/96	1206.1	1237.7	1238.1	1258.8	1258.6	1273.7	1247.6	971.33	1187.3	1070.3	939.11	1158.9	1014	1020.3	1089.8	141.53

Table 7. 1/2 Inch Raw Data

17:40:17.883,11/09/96	1213.8	1239.7	1238.3	1253.8	1258.8	1275	1248.9	979.07	1189.1	1079.3	938.57	1158.5	1013.3	1020.8	1088.5	142.79
17:40:17.900,11/09/96	1223.3	1241.7	1239.4	1248.7	1259	1274.1	1250.2	989.51	1191.1	1090	957.85	1158.4	1012.7	1021.6	1087.6	143.51
17:40:17.916,11/09/96	1232.5	1244.2	1239.2	1244.9	1259	1271.8	1252	1002.7	1192.9	1101.7	937.13	1158.4	1011.7	1021.9	1087.1	144.05
17:40:17.933,11/09/96	1243.1	1247.5	1240.1	1244.4	1258.8	1269.6	1254.1	1017.6	1195.1	1114.8	936.23	1158.4	1010.6	1022.5	1086.7	144.77
17:40:17.950,11/09/96	1252.3	1251.4	1241.5	1245.3	1258.4	1267.6	1256.3	1033.8	1197.8	1128.3	935.15	1158	1009.1	1022.8	1086.5	145.31
17:40:17.966,11/09/96	1253.4	1255.2	1245.1	1247.3	1258.4	1265.6	1258.6	1050.2	1200.3	1142.2	933.71	1157.5	1007.7	1022.8	1086.2	146.03
17:40:17.983,11/09/96	1251.1	1258.8	1252	1250.2	1258.4	1264.7	1261.3	1066.6	1202.8	1155.8	932.09	1156.6	1006.6	1022.8	1085.8	146.75
17:40:18.000,11/09/96	1249.4	1260.4	1258.1	1253.6	1258.8	1264	1263.7	1082.6	1205.2	1169.7	930.29	1155.1	1005.5	1022.5	1085.3	147.47
17:40:18.016,11/09/96	1242.4	1260.4	1263.7	1256.6	1259	1263.8	1264.4	1097.7	1207.1	1181.6	928.31	1153.7	1004.1	1021.9	1084.6	148.01
17:40:18.033,11/09/96	1236.8	1260.4	1268.2	1261.3	1259.2	1264.4	1264.6	1112.1	1208.9	1192.2	926.51	1151.7	1002.5	1021	1083.8	148.73
17:40:18.050,11/09/96	1228.9	1258.8	1268	1265.6	1259.5	1265.6	1263.8	1125.2	1210.2	1201.2	924.89	1149.7	1000.7	1020.7	1082.8	149.09
17:40:18.066,11/09/96	1220.8	1257.4	1267.4	1269.6	1260.1	1267.6	1262.9	1137.1	1211.1	1208.8	923.27	1147.7	999.41	1020.3	1081.3	149.27
17:40:18.083,11/09/96	1211.3	1254.8	1266.4	1271.6	1260.6	1270.1	1261.7	1147.2	1211.8	1214.7	922.55	1145.6	998.33	1019.8	1079.7	149.27
17:40:18.100,11/09/96	1201.9	1251.6	1266.7	1271.4	1261.7	1272.3	1260.6	1156.6	1212.2	1219.2	922.01	1143.4	997.61	1020.5	1077.9	149.09
17:40:18.116,11/09/96	1202.3	1247.6	1265.5	1270.7	1262.8	1274.6	1259.3	1163.6	1212.5	1222.8	920.75	1141.8	997.07	1019.9	1076.1	148.91
17:40:18.133,11/09/96	1206.2	1244.6	1260.8	1268.7	1263.5	1276.1	1258.4	1169.3	1212.9	1225.1	920.21	1140.7	996.71	1019.6	1074.3	148.73
17:40:18.150,11/09/96	1213.4	1244.4	1256.3	1265.6	1263.8	1277	1258.1	1174.6	1213.8	1227.1	920.93	1140.4	996.35	1020.7	1072.9	148.55
17:40:18.166,11/09/96	1222.6	1244.9	1252.5	1260.2	1263.8	1276.6	1258.4	1179.6	1214.7	1228.9	921.29	1140.2	995.99	1021.9	1071.4	148.55
17:40:18.183,11/09/96	1233.2	1246.9	1252.5	1254.1	1263.8	1275.7	1259.9	1185	1216.5	1231.6	922.73	1140.5	995.27	1023.4	1070.7	148.73
17:40:18.200,11/09/96	1243.3	1249.6	1253	1250.2	1263.5	1273.9	1261.9	1190.8	1218.5	1234.9	922.55	1140.7	994.19	1024.4	1070.5	149.45
17:40:18.216,11/09/96	1254.1	1254.1	1255	1249.6	1262.6	1271.8	1264.4	1196	1220.8	1239.2	921.83	1141.1	992.93	1024.4	1070.5	150.17
17:40:18.233,11/09/96	1250.7	1258.8	1259.2	1251.4	1261.9	1270.3	1266.5	1201.2	1223.2	1244	920.39	1140.9	991.13	1023.9	1070.7	151.07
17:40:18.250,11/09/96	1247.8	1261.7	1264.6	1253.4	1261.7	1269.1	1268.2	1206.2	1224.8	1249.1	918.59	1140.2	989.15	1023	1070.7	151.79
17:40:18.266,11/09/96	1241.7	1263.1	1269.6	1258.1	1262	1269.2	1269.2	1211.6	1226	1253.6	916.43	1138.6	987.35	1021.7	1070.5	152.51
17:40:18.283,11/09/96	1232.9	1262.6	1270.9	1263.8	1262.2	1270.3	1268.7	1216.7	1226.4	1256.6	914.09	1136.9	985.73	1020.1	1070	152.87
17:40:18.300,11/09/96	1223.9	1261	1271.2	1267.6	1262.9	1272.8	1267.4	1220.3	1226.4	1257.7	912.11	1135.1	984.83	1018.7	1068.9	152.87
17:40:18.316,11/09/96	1216	1257.5	1270.3	1267.8	1264.2	1275.4	1265.8	1222.3	1226	1257.5	910.85	1133.3	984.11	1017.2	1067.3	152.69
17:40:18.333,11/09/96	1216.5	1254.5	1265.3	1266.5	1265.6	1277.3	1264.4	1223	1226	1256.1	909.95	1132.6	983.75	1016.3	1066.4	152.51
17:40:18.350,11/09/96	1220.6	1255.7	1259.2	1263.1	1267.3	1278.2	1263.7	1223.3	1226.8	1254.8	909.77	1134.2	983.39	1016.2	1066.2	152.51
17:40:18.366,11/09/96	1228.9	1256.6	1256.6	1257.2	1267.4	1277.7	1264.4	1223.7	1228.6	1254.7	909.95	1134.6	982.85	1016.5	1064.9	152.87
17:40:18.383,11/09/96	1239.5	1259.5	1255	1254.1	1267.1	1275.5	1266.2	1226	1230.7	1256.1	910.13	1135	981.59	1017.1	1064.8	153.77
17:40:18.400,11/09/96	1245.3	1264.6	1255.2	1254.1	1266.2	1273.2	1268.5	1229.5	1233.4	1259.2	909.59	1135.1	979.79	1017.4	1064.8	154.85
17:40:18.416,11/09/96	1243.1	1267.6	1259.9	1255.9	1265.5	1271.4	1270.3	1234	1235.6	1263.1	908.51	1134.2	977.63	1017.1	1064.6	155.93
17:40:18.433,11/09/96	1236.1	1268.2	1263.5	1262	1265.3	1271.8	1270.9	1238.1	1236.7	1266.4	907.61	1132.6	975.65	1016	1064.2	156.83
17:40:18.450,11/09/96	1223.5	1266.5	1265.3	1267.3	1265.3	1274.1	1270	1240.8	1237.7	1267.4	907.79	1130.8	974.03	1014.5	1062.8	157.37
17:40:18.466,11/09/96	1211.3	1262.2	1265.1	1268.2	1266	1277	1268.3	1241.2	1237.4	1266.4	909.77	1129.2	973.13	1013.5	1061	157.55
17:40:18.483,11/09/96	1210.2	1258.1	1258.8	1267.6	1266.7	1278.6	1266.9	1240.1	1236.8	1264	913.91	1128.8	974.21	1012.7	1059	157.19
17:40:18.500,11/09/96	1215.4	1257.2	1252.3	1262.9	1267.1	1279.1	1266.4	1238.6	1237.2	1261.7	920.03	1130.3	977.63	1012.9	1057.6	157.01

Table 7. 1/2 Inch Raw Data

17:40:18.516,11/09/96	1225.5	1258.6	1249.6	1256.6	1267.1	1277.9	1267.6	1237.9	1238.6	1261.1	927.41	1133.3	983.93	1013.6	1056.8	157.37
17:40:18.533,11/09/96	1241.2	1262.9	1249.3	1254.3	1266.4	1275.4	1270	1239.5	1241	1262.9	935.69	1137.8	992.21	1014.4	1057	158.09
17:40:18.550,11/09/96	1242.2	1268	1254.1	1255	1265.6	1273.4	1272.1	1243	1243.1	1266	945.05	1142.3	1002.1	1014.4	1057.4	158.99
17:40:18.566,11/09/96	1237.9	1269.6	1260.6	1259.5	1265.3	1272.3	1273.2	1247.1	1244.4	1269.2	956.93	1146.1	1013.6	1013.6	1057.4	159.89
17:40:18.583,11/09/96	1226.8	1268.7	1263.5	1266.2	1265.1	1273.6	1272.3	1250.2	1244.8	1270.7	970.97	1149.9	1026.8	1012.2	1056.3	160.07
17:40:18.600,11/09/96	1211.8	1264.4	1263.7	1268.3	1265.6	1276.1	1270.5	1251.2	1244.4	1269.6	987.17	1154.2	1042.3	1010.8	1054.7	160.07
17:40:18.616,11/09/96	1209.1	1259.9	1258.6	1268	1266	1278.1	1268.9	1250.7	1244.6	1267.3	1005.4	1159.6	1059	1010	1052.7	159.71
17:40:18.633,11/09/96	1214.9	1259	1253.2	1262.8	1266	1278.4	1268.3	1249.4	1245.5	1265.8	1024.4	1166.5	1076.6	1010	1051.3	159.53
17:40:18.650,11/09/96	1230.5	1261.3	1252.1	1257	1265.5	1276.4	1270.1	1249.6	1247.6	1266	1042.8	1174	1093.2	1010.6	1050.9	159.89
17:40:18.666,11/09/96	1242.8	1266.7	1253.9	1256.3	1264.4	1273.7	1272.8	1252	1250.3	1269.2	1059.5	1181.2	1108.1	1011.1	1050.9	160.61
17:40:18.683,11/09/96	1240.6	1269.4	1261.9	1258.1	1263.3	1272.1	1274.5	1256.1	1252.5	1272.8	1074.5	1186.8	1121.3	1010.4	1051.1	161.33
17:40:18.700,11/09/96	1230	1269.4	1265.5	1264.6	1262.8	1273	1273.7	1259.5	1253	1275	1087.6	1190.9	1133.2	1009	1050.2	161.69
17:40:18.716,11/09/96	1212.2	1265.8	1266.5	1268.2	1263.1	1275.4	1272.3	1260.4	1252.9	1275.9	1100.4	1194.4	1144.7	1007.3	1048.4	161.15
17:40:18.733,11/09/96	1209.1	1261	1261.5	1267.8	1263.5	1277.5	1270.3	1258.8	1252.5	1273	1113.2	1198.3	1156	1006.4	1046.2	160.61
17:40:18.750,11/09/96	1216.5	1260.1	1256.6	1261.3	1263.8	1277.7	1269.8	1256.6	1253.6	1270.5	1125.6	1203.4	1166.3	1007	1044.8	160.25
17:40:18.766,11/09/96	1232.7	1262.8	1255.2	1256.8	1263.1	1275.7	1271.6	1256.8	1255.7	1270.7	1136.8	1208.9	1174.2	1007.5	1044.4	160.43
17:40:18.783,11/09/96	1237.2	1267.8	1260.8	1257	1262.2	1273.4	1273.9	1259.7	1258.3	1273.6	1145.8	1213.4	1180.9	1007.5	1044.6	161.15
17:40:18.800,11/09/96	1229.3	1268.7	1267.1	1263.3	1261.9	1273.6	1273.4	1263.3	1259.2	1275.5	1152.8	1216.3	1186.3	1006.1	1044.1	161.33
17:40:18.816,11/09/96	1213.6	1265.6	1268.7	1266.5	1262.4	1276.3	1270.7	1264.2	1258.6	1273.9	1159.1	1217.8	1191.8	1004.5	1041.9	160.79
17:40:18.833,11/09/96	1211.3	1260.8	1261.7	1265.5	1263.1	1279	1267.8	1262.6	1258.1	1269.8	1165.9	1220.1	1197.8	1003.6	1039.7	160.07
17:40:18.850,11/09/96	1220.3	1260.2	1256.6	1258.1	1263.5	1278.6	1267.6	1261.1	1259.2	1266.9	1173.3	1223.7	1202.8	1003.9	1038.3	159.71
17:40:18.866,11/09/96	1232.5	1265.1	1256.3	1255.4	1262.8	1276.1	1269.6	1262.9	1261.5	1268.2	1179.6	1227.5	1206.2	1004.6	1038.3	160.25
17:40:18.883,11/09/96	1232.3	1268.5	1263.7	1257.5	1262	1274.5	1271.2	1266.9	1263.1	1271.2	1184.1	1229.6	1208.4	1004.3	1038.5	160.97
17:40:18.900,11/09/96	1221.4	1267.6	1267.4	1263.8	1261.9	1275.5	1270.1	1269.4	1262.9	1272.1	1187	1230	1210.4	1002.3	1037.2	160.79
17:40:18.916,11/09/96	1206.4	1262	1264.9	1265.3	1262.6	1278.1	1267.6	1268.3	1261.9	1269.2	1190.4	1230.4	1212.7	1000.7	1034.9	160.07
17:40:18.933,11/09/96	1207.7	1260.1	1257.7	1261.7	1262.9	1279.5	1266.5	1265.3	1261.9	1265.3	1194.7	1232.2	1215.1	1000.3	1032.7	159.35
17:40:18.950,11/09/96	1226.2	1262.6	1255.7	1255.9	1262.9	1277.7	1268.2	1263.7	1263.5	1264	1199	1235.2	1216.1	1000.7	1032.5	159.71
17:40:18.966,11/09/96	1231.8	1267.8	1259.5	1255.2	1262	1274.8	1270.9	1265.1	1265.5	1266.2	1201.7	1237.4	1216	1000.5	1032.5	160.43
17:40:18.983,11/09/96	1223.7	1268.9	1265.1	1262.2	1261.7	1274.5	1271.6	1267.1	1266	1268.2	1202.8	1237.9	1215.8	999.05	1031.8	160.79
17:40:19.000,11/09/96	1207.9	1265.1	1266	1266.2	1262.4	1276.6	1269.6	1265.8	1265.1	1266.7	1204.1	1237.6	1216.3	997.25	1030	160.25
17:40:19.016,11/09/96	1207.3	1261	1257.2	1263.8	1263.3	1278.4	1267.6	1261.9	1264.4	1262.9	1206.1	1238.5	1217.4	996.35	1027.9	159.53
17:40:19.033,11/09/96	1219.9	1262.6	1253	1256.8	1263.7	1277.3	1268.9	1259.3	1265.6	1261.5	1208.8	1241.2	1218.1	996.71	1027	159.53
17:40:19.050,11/09/96	1234.1	1268	1254.5	1254.7	1262.8	1274.6	1271.6	1261	1267.6	1264	1210.6	1243.5	1217.9	996.71	1027.1	160.25
17:40:19.066,11/09/96	1228.7	1269.4	1260.2	1260.2	1262	1273.7	1272.5	1264.6	1268.3	1267.3	1210.7	1243.9	1217.6	995.27	1027	160.61
17:40:19.083,11/09/96	1210.2	1266.5	1262.2	1264.4	1262.8	1275.9	1270.9	1265.5	1267.6	1266.9	1210.9	1243.3	1218.7	993.47	1025.2	160.43
17:40:19.100,11/09/96	1208.2	1261.5	1253.8	1262.2	1263.8	1277.9	1268.9	1262.9	1266.7	1263.3	1212.4	1244	1220.5	992.57	1023.2	159.71
17:40:19.116,11/09/96	1221.7	1263.1	1250.2	1255	1264.6	1276.8	1270.1	1261.3	1268	1262	1214.5	1246.4	1222.1	993.11	1022.5	159.71
17:40:19.133,11/09/96	1234.7	1268.7	1253.2	1252.9	1263.7	1273.9	1272.8	1263.7	1269.8	1264.6	1215.6	1248.7	1222.4	993.29	1022.6	160.43

Table 7. 1/2 Inch Raw Data

17:40:19.150,11/09/96	1225.7	1270.5	1259.9	1260.1	1263.5	1273.4	1273.4	1267.3	1270.1	1267.3	1215.2	1249.1	1222.6	992.21	1022.5	160.97
17:40:19.166,11/09/96	1211.3	1266	1260.8	1263.7	1264.6	1275.5	1271	1267.3	1268.7	1265.6	1214.9	1248.4	1223.7	990.77	1020.3	160.43
17:40:19.183,11/09/96	1210.6	1263.1	1253.2	1260.6	1265.5	1277.2	1269.8	1264.2	1268.2	1262	1216.7	1249.8	1225.5	991.49	1018	159.89
17:40:19.200,11/09/96	1233.4	1266.2	1250.9	1254.5	1265.1	1275	1271.9	1263.5	1269.4	1262	1218.7	1252.7	1226.8	994.01	1018.3	165.65
17:40:19.216,11/09/96	1237.4	1273	1259	1256.3	1264.6	1272.3	1274.5	1266.7	1270.9	1265.8	1219.2	1254.5	1226.9	996.71	1019.9	191.93
17:40:19.233,11/09/96	1223.7	1271.2	1263.3	1263.3	1263.5	1272.8	1273.4	1269.1	1270.1	1267.3	1218.5	1253.4	1227.7	999.05	1021.2	236.75
17:40:19.250,11/09/96	1214.7	1266.2	1260.8	1265.5	1263.8	1275.7	1271	1266.9	1268.7	1264.4	1219.4	1253	1230	1003.4	1023.9	298.67
17:40:19.266,11/09/96	1224.1	1264.6	1254.5	1258.1	1263.5	1276.1	1271.4	1264	1268.9	1261.7	1221.7	1254.7	1232	1010.8	1030.4	372.83
17:40:19.283,11/09/96	1242.8	1270.3	1258.3	1256.3	1262	1273.4	1274.5	1265.5	1270.7	1264	1223.5	1256.5	1232.7	1019.6	1041.5	454.73
17:40:19.300,11/09/96	1232.3	1271.6	1266.2	1264.4	1261.1	1273	1275	1268.7	1271	1267.1	1223.3	1255.9	1232.9	1027.5	1053.8	536.63
17:40:19.316,11/09/96	1214.2	1264.4	1264.6	1267.6	1261.5	1275.9	1272.5	1267.6	1269.2	1264.9	1223.3	1254.5	1234.3	1036.3	1065.1	613.13
17:40:19.333,11/09/96	1222.1	1262.9	1258.6	1261.7	1261.5	1277	1272.1	1264.2	1269.4	1261.7	1225.1	1255.4	1236.3	1047.5	1078.1	684.41
17:40:19.350,11/09/96	1238.5	1268.9	1260.6	1259	1260.6	1275	1275	1265.1	1271.8	1263.8	1226.8	1257	1237.2	1059.5	1093.9	750.47
17:40:19.366,11/09/96	1231.6	1270.3	1268.7	1265.1	1259.7	1275	1275.9	1268.5	1272.5	1267.3	1226.6	1256.1	1237.4	1069.8	1108.5	809.33
17:40:19.383,11/09/96	1215.4	1264.6	1269.8	1269.1	1260.1	1278.1	1273.2	1267.8	1270.9	1265.8	1226.6	1254.3	1239	1079.5	1120	860.81
17:40:19.400,11/09/96	1219.7	1263.1	1264.2	1264.2	1260.4	1279.9	1272.3	1264.2	1270.9	1262.9	1228.7	1254.8	1241.3	1090.7	1131	906.53
17:40:19.416,11/09/96	1235	1268.9	1264	1261.1	1259	1277.5	1275	1264.9	1272.1	1264.9	1230.4	1256.3	1242.2	1102.2	1142.5	947.21
17:40:19.433,11/09/96	1230.9	1271	1270.7	1266.9	1257.7	1275.7	1275.9	1268.5	1271.8	1268.7	1229.8	1255.4	1242.2	1111.2	1152.2	982.49
17:40:19.450,11/09/96	1214.2	1264.9	1270	1270.3	1258.1	1278.2	1273.4	1268	1269.4	1267.4	1229.6	1253.6	1243.5	1119.3	1158.7	1012.4
17:40:19.466,11/09/96	1220.1	1263.3	1262.6	1264.6	1258.6	1279.7	1272.8	1264.7	1268.3	1264.4	1231.6	1254.3	1245.5	1128.8	1164.8	1038.5
17:40:19.483,11/09/96	1238.6	1269.4	1263.5	1261.9	1258.1	1277.3	1276.1	1265.6	1269.2	1267.1	1233.4	1255.7	1246.2	1138.4	1171.9	1062.8
17:40:19.500,11/09/96	1228.7	1270.9	1270.9	1270.1	1258.1	1276.4	1277.3	1269.2	1269.1	1271.8	1233.6	1254.7	1246.6	1145.4	1177.3	1083.5
17:40:19.516,11/09/96	1207.3	1263.5	1267.8	1274.3	1259.2	1279.3	1276.3	1268	1266.7	1271.9	1234.1	1252.9	1249.1	1151.5	1180	1100.4
17:40:19.533,11/09/96	1218.7	1261.7	1259.5	1265.8	1260.1	1279.9	1276.1	1264.6	1266	1269.6	1236.7	1253.6	1250.3	1159.3	1183	1115.5
17:40:19.550,11/09/96	1240.4	1267.6	1261.7	1262.9	1259.5	1277	1278.4	1266.2	1267.4	1272.1	1238.6	1254.7	1249.8	1166.8	1187.5	1129.9
17:40:19.566,11/09/96	1229.1	1269.1	1268.2	1271.4	1259.3	1276.8	1278.6	1269.1	1267.3	1274.8	1238.8	1253.4	1248.9	1171.9	1190.6	1142.7
17:40:19.583,11/09/96	1209.1	1263.7	1264.9	1273.9	1261	1279.9	1275.7	1267.1	1265.5	1272.5	1240.1	1252	1250.2	1176.4	1191.7	1153
17:40:19.600,11/09/96	1221.2	1262.6	1257.9	1266.9	1261.5	1279.5	1277.3	1264	1265.6	1271.2	1243	1253.2	1252.7	1182.7	1193.8	1162.5
17:40:19.616,11/09/96	1233.4	1268	1261.7	1266.9	1260.4	1276.4	1281.8	1265.8	1267.1	1276.3	1244.4	1253.9	1253.2	1187.9	1197.2	1171.7
17:40:19.633,11/09/96	1218.1	1266	1266.4	1274.8	1260.6	1277.2	1280.4	1267.3	1266.2	1278.1	1244.4	1252	1252.5	1190.9	1198.3	1178.9
17:40:19.650,11/09/96	1212	1259.3	1258.4	1272.1	1261.9	1279.5	1277	1263.7	1264.6	1273.7	1246.2	1251.2	1252.3	1194.7	1198	1184.5
17:40:19.666,11/09/96	1238.3	1262.6	1255.4	1263.7	1261.9	1277.9	1278.4	1261.9	1265.8	1273	1248.7	1252.9	1252	1199.9	1199.6	1190.4
17:40:19.683,11/09/96	1241.3	1267.1	1263.3	1266.5	1261.1	1275.5	1279.9	1264.9	1266.7	1276.3	1249.3	1252.9	1250.3	1203.2	1201.2	1196.2
17:40:19.700,11/09/96	1222.8	1262.4	1265.3	1271.8	1262.2	1277.9	1277	1264.6	1265.3	1275	1249.4	1251.1	1250.5	1205.2	1200.5	1200.3
17:40:19.716,11/09/96	1229.6	1260.8	1257.7	1264.7	1263.3	1279.1	1275.9	1261	1264.9	1271.2	1251.8	1251.8	1251.4	1208.9	1200.5	1203.5
17:40:19.733,11/09/96	1249.4	1267.1	1261	1261.7	1262.6	1276.3	1278.4	1262.6	1266.5	1273.4	1253.6	1253	1250.9	1212.7	1202.5	1207.7
17:40:19.750,11/09/96	1235.8	1267.8	1267.8	1269.2	1262.6	1276.3	1277.7	1265.5	1266.4	1275.5	1252.9	1251.8	1250.2	1214.2	1203.4	1211.1
17:40:19.766,11/09/96	1225.5	1262.4	1263.5	1269.6	1263.8	1279	1274.6	1263.3	1264.9	1271.8	1254.1	1251.1	1251.1	1216.1	1202.6	1213.1

Table 7. 1/2 Inch Raw Data

17:40:19.783,11/09/96	1248.7	1265.6	1260.1	1261.3	1263.7	1277.5	1276.3	1262.2	1266.2	1271	1255.9	1252.7	1251.4	1219.9	1203.9	1216.1
17:40:19.800,11/09/96	1250.7	1270	1267.4	1264.4	1262.9	1275	1277.9	1266	1267.3	1274.6	1255.7	1252.7	1250.2	1221.7	1205.7	1219.4
17:40:19.816,11/09/96	1230.4	1264	1268.2	1269.2	1263.8	1277.3	1275	1266.5	1265.6	1273.4	1256.1	1250.9	1250.5	1222.1	1205	1221
17:40:19.833,11/09/96	1239.5	1262.2	1260.6	1260.8	1264.6	1277.9	1274.5	1263.8	1265.5	1270.3	1258.3	1252	1251.8	1226.2	1205	1222.3
17:40:19.850,11/09/96	1252.3	1267.8	1264.4	1259	1263.5	1275	1277.2	1266.9	1266.9	1273.6	1259.7	1253	1251.4	1228.7	1206.8	1224.8
17:40:19.866,11/09/96	1227.3	1265.3	1268.2	1266.7	1263.8	1276.8	1275.2	1268.7	1266	1274.5	1258.8	1251.4	1251.4	1228.6	1207.1	1226
17:40:19.883,11/09/96	1221.4	1261.3	1260.6	1263.5	1265.1	1279.5	1273.4	1264.6	1264.9	1270.9	1258.8	1251.6	1253	1229.6	1207.3	1226.6
17:40:19.900,11/09/96	1241.2	1267.8	1262.2	1259.5	1264.6	1277.2	1276.4	1264.9	1266.7	1273	1259	1253.6	1253.2	1231.1	1210.4	1228.6
17:40:19.916,11/09/96	1228.2	1268	1269.1	1267.8	1264.2	1277.2	1276.1	1267.4	1266.2	1275.7	1256.5	1252.1	1253	1229.8	1212.4	1230.2
17:40:19.933,11/09/96	1219.4	1261.7	1262.6	1266.7	1265.5	1280	1273.4	1264.6	1264.2	1272.1	1255.9	1251.4	1254.7	1229.8	1212.7	1230.5
17:40:19.950,11/09/96	1238.8	1265.8	1260.1	1259.7	1265.1	1277.7	1276.1	1264.9	1265.3	1273	1256.1	1253.6	1255.2	1231.4	1215.6	1232.2
17:40:19.966,11/09/96	1228	1269.1	1268	1267.6	1265.6	1277	1276.8	1269.2	1265.1	1276.4	1253.9	1254.1	1254.8	1231.3	1218.7	1233.8
17:40:19.983,11/09/96	1215.1	1265.1	1263.3	1268.5	1267.8	1280.2	1274.1	1267.4	1263.1	1273.2	1253.4	1254.3	1256.6	1231.1	1219.7	1234
17:40:20.000,11/09/96	1238.6	1268.2	1258.6	1259.9	1266.9	1278.6	1276.6	1267.4	1264.2	1273	1253.9	1255.6	1257.2	1232.7	1221.5	1235.2
17:40:20.016,11/09/96	1228.9	1270.7	1266.4	1266.4	1265.8	1277	1277.3	1271.8	1264.7	1276.3	1252.1	1254.1	1256.6	1232.2	1223.2	1236.8
17:40:20.033,11/09/96	1209.1	1265.6	1262.6	1269.1	1266.7	1280	1274.6	1270.1	1263.7	1273.2	1251.4	1252.7	1257.7	1232	1222.6	1236.8
17:40:20.050,11/09/96	1232.5	1268.5	1258.3	1260.4	1266	1278.8	1276.8	1268.9	1265.3	1272.3	1252.1	1254.1	1258.3	1233.2	1224.1	1237
17:40:20.066,11/09/96	1228.2	1271.6	1267.1	1265.5	1264.6	1277.2	1278.1	1272.7	1267.1	1276.1	1250.3	1253	1257.4	1231.8	1225.7	1237.4
17:40:20.083,11/09/96	1203.5	1265.8	1264.9	1268.3	1265.3	1281.1	1275	1270.7	1267.1	1273.4	1249.4	1251.2	1258.4	1230	1225	1236.8
17:40:20.100,11/09/96	1224.6	1268.5	1261	1260.1	1264.6	1279.7	1276.8	1269.2	1268.7	1272.3	1250.2	1252.5	1258.8	1230.5	1226.4	1235.6
17:40:20.116,11/09/96	1221.5	1272.1	1268.7	1264.7	1263.1	1277	1278.2	1273.4	1269.2	1275.7	1248.7	1251.8	1257.7	1229.3	1227.8	1234.5
17:40:20.133,11/09/96	1193.6	1265.6	1265.6	1268.3	1264.2	1279.7	1275.2	1271.9	1267.6	1272.8	1247.8	1250.2	1258.3	1227.8	1227.1	1232.5
17:40:20.150,11/09/96	1212.9	1268.3	1260.8	1260.1	1263.8	1278.2	1277.2	1270.5	1268.7	1271.9	1249.1	1251.6	1258.8	1228.7	1228	1231.3
17:40:20.166,11/09/96	1212.4	1271.9	1268	1264.7	1262.4	1275.9	1279.3	1274.3	1269.6	1276.1	1247.8	1251.1	1258.4	1228	1229.3	1230.5
17:40:20.183,11/09/96	1184.8	1265.5	1265.1	1269.2	1263.5	1278.6	1277.5	1272.5	1268	1275	1247.1	1249.6	1259.7	1226.9	1227.8	1228.6
17:40:20.200,11/09/96	1203.2	1268	1260.4	1260.2	1262.8	1277.3	1279	1270.7	1269.2	1273.6	1248.4	1251.4	1259.7	1228.4	1228.4	1227.7
17:40:20.216,11/09/96	1202.3	1271.8	1268	1264	1261.1	1274.8	1279.9	1274.3	1270.3	1276.6	1247.3	1250.9	1258.1	1228	1228.9	1226.9
17:40:20.233,11/09/96	1174.9	1265.3	1264.4	1266.9	1261.7	1277.5	1276.6	1272.5	1268.7	1273.7	1246.7	1249.4	1258.3	1227.1	1226.9	1225.1
17:40:20.250,11/09/96	1191.3	1267.6	1258.8	1259	1261.3	1276.6	1278.1	1270.1	1270	1272.3	1248	1251.1	1258.3	1228.6	1227.1	1224.1
17:40:20.266,11/09/96	1190.6	1271.9	1265.6	1263.3	1259.7	1274.6	1279.3	1273.9	1271	1275.9	1246.7	1250.7	1256.6	1228.6	1227.3	1223.7
17:40:20.283,11/09/96	1163.6	1265.8	1261.7	1266.5	1260.4	1277.7	1276.1	1272.5	1269.4	1273.4	1246.6	1249.6	1256.8	1228	1225	1221.9
17:40:20.300,11/09/96	1181	1268.2	1256.1	1258.8	1260.1	1276.8	1277.5	1270.9	1270.5	1272.1	1247.8	1251.1	1256.8	1230.2	1224.8	1220.8
17:40:20.316,11/09/96	1179.8	1272.1	1263.1	1263.1	1258.8	1274.6	1278.6	1275.5	1271.4	1275.7	1246.9	1250.5	1255.4	1232.2	1224.8	1220.5
17:40:20.333,11/09/96	1155.5	1266.2	1259.5	1266	1259.9	1277.5	1275.4	1274.8	1269.6	1273.2	1248	1249.1	1255.7	1232.5	1222.4	1218.8
17:40:20.350,11/09/96	1174.6	1269.1	1254.7	1258.1	1259.7	1276.6	1276.8	1273.4	1270.7	1272.1	1249.6	1250.7	1255.7	1235	1222.3	1217.9
17:40:20.366,11/09/96	1171.9	1272.7	1262	1262.8	1258.8	1274.5	1277.7	1276.4	1271.2	1275.7	1248	1250	1254.5	1233.8	1222.4	1217.8
17:40:20.383,11/09/96	1145.4	1266.7	1258.8	1266.7	1260.4	1277.2	1274.5	1274.3	1269.4	1272.8	1247.1	1248.7	1254.7	1232.3	1219.9	1216.1
17:40:20.400,11/09/96	1163.9	1269.4	1254.1	1259.2	1260.4	1275.9	1275.9	1272.1	1270.5	1271.9	1248	1250.3	1254.8	1233.4	1219.6	1215.6

Table 7. 1/2 Inch Raw Data

17:40:20.416,11/09/96	1159.1	1272.8	1261.7	1264.4	1259.9	1273.7	1276.6	1275.5	1271	1275.7	1246.4	1249.6	1253.4	1232.5	1219.9	1215.4
17:40:20.433,11/09/96	1135.5	1266.9	1258.6	1268	1261.5	1276.6	1273.4	1273	1269.1	1272.8	1245.7	1248.5	1253.8	1231.4	1217.4	1214
17:40:20.450,11/09/96	1157.3	1270	1254.3	1260.2	1261.1	1275	1275	1271.2	1270	1272.5	1246.6	1250.7	1253.6	1232.7	1217.4	1213.4
17:40:20.466,11/09/96	1147.7	1273	1262.4	1266.5	1260.8	1273	1275.5	1274.5	1270.3	1276.1	1245.1	1250.3	1252.1	1231.8	1217.6	1213.4
17:40:20.483,11/09/96	1129.6	1267.3	1258.6	1268.9	1261.9	1275.9	1272.5	1271.8	1268.5	1272.8	1244.9	1249.4	1252.5	1231.3	1215.2	1212
17:40:20.500,11/09/96	1152.1	1270.1	1254.5	1260.4	1261	1273.7	1274.5	1270.3	1269.4	1272.7	1245.8	1251.1	1252.3	1232.7	1214.9	1211.8
17:40:20.516,11/09/96	1140.2	1271.9	1263.3	1268	1259.9	1273	1274.6	1273.6	1269.8	1275.9	1244.2	1250	1250.9	1232	1214.3	1212.5
17:40:20.533,11/09/96	1126.1	1265.1	1259.5	1268	1260.8	1277.3	1271.6	1270.1	1270.1	1272.1	1244.4	1248.9	1251.4	1231.4	1211.8	1213.6
17:40:20.550,11/09/96	1146.7	1268.3	1257	1260.4	1259.5	1276.3	1273.9	1269.6	1271.8	1272.5	1245.3	1250.3	1251.2	1232.9	1211.8	1214.5
17:40:20.566,11/09/96	1133.9	1269.2	1265.3	1268.9	1258.4	1275	1273.9	1272.5	1270.9	1275.2	1243.7	1248.7	1250	1231.8	1211.3	1213.8
17:40:20.583,11/09/96	1122.4	1262.2	1258.3	1268.2	1259	1277.2	1271.2	1269.1	1268.2	1271.6	1243.9	1247.6	1251.1	1231.6	1209.1	1212.2
17:40:20.600,11/09/96	1140.7	1266.5	1256.5	1262	1257.5	1274.3	1274.1	1269.2	1268.7	1273.2	1244.6	1248.7	1250.7	1233.1	1209.8	1211.6
17:40:20.616,11/09/96	1128.3	1267.4	1263.8	1270.5	1256.5	1273.4	1274.3	1271.8	1267.6	1275.7	1243	1246.7	1249.8	1231.8	1209.5	1211.3
17:40:20.633,11/09/96	1118.2	1260.2	1255.6	1270.5	1257.2	1275.5	1273.4	1268.2	1265.1	1274.3	1243	1245.7	1253.8	1231.8	1207.5	1209.7
17:40:20.650,11/09/96	1137.5	1266	1254.3	1266.4	1255.9	1272.7	1279.3	1268.3	1265.6	1278.4	1243.5	1246.6	1255.7	1233.1	1208.4	1209.7
17:40:20.666,11/09/96	1124	1265.8	1261.3	1275	1255	1271.9	1278.2	1270.9	1264.6	1279.9	1241.5	1244.4	1254.3	1232	1208.4	1209.3
17:40:20.683,11/09/96	1115.7	1258.6	1252.1	1271	1255.9	1273.9	1274.8	1267.1	1262.2	1274.8	1241.9	1243.3	1254.7	1232	1206.8	1208
17:40:20.700,11/09/96	1135.5	1264.6	1252	1264.6	1254.7	1270.9	1277.2	1267.6	1263.1	1275.5	1242.4	1244.2	1253.6	1233.2	1208	1208.4
17:40:20.716,11/09/96	1121.1	1264	1259	1272.1	1253.8	1270.1	1275.5	1270	1261.9	1276.8	1240.6	1242.1	1252.1	1232.2	1208	1208.2
17:40:20.733,11/09/96	1113.2	1257.5	1250	1268.2	1254.7	1272.1	1272.7	1266	1259.9	1272.1	1241	1241.3	1252.7	1232.3	1207	1207.3
17:40:20.750,11/09/96	1133.2	1263.8	1250.5	1262.8	1253.4	1269.4	1275	1267.1	1261	1273.4	1242.1	1242.2	1251.8	1233.6	1208.6	1207.9
17:40:20.766,11/09/96	1118.4	1262.9	1257	1270.1	1252.9	1269.2	1273.2	1269.6	1259.9	1274.6	1240.8	1240.1	1250.7	1233.1	1208.6	1207.9
17:40:20.783,11/09/96	1110.8	1256.8	1247.8	1266.2	1253.6	1271.4	1270.7	1266.2	1258.3	1270.1	1241.7	1239.7	1251.4	1233.2	1207.5	1207.1
17:40:20.800,11/09/96	1130.8	1263.5	1248.7	1260.8	1252.3	1268.5	1273	1266.7	1259.5	1271.6	1241.7	1240.8	1250.7	1234	1209.1	1207.7
17:40:20.816,11/09/96	1114.6	1262.4	1254.8	1268	1251.6	1268.5	1271.4	1268.7	1258.6	1272.8	1239.5	1238.8	1249.6	1232.2	1209.1	1207.7
17:40:20.833,11/09/96	1107.2	1257	1246.6	1263.8	1252.7	1270.9	1269.1	1264.7	1257.2	1268.5	1239.9	1238.6	1250.7	1232.5	1208.4	1206.8
17:40:20.850,11/09/96	1128.3	1263.7	1248.7	1259	1251.4	1267.8	1271.6	1266.5	1258.4	1270.7	1240.3	1239.5	1250	1232.9	1210	1207.1
17:40:20.866,11/09/96	1108.9	1261.9	1253.6	1266.4	1251.2	1268.3	1269.8	1268.3	1257.2	1271.4	1239	1237.7	1249.3	1231.8	1209.8	1207
17:40:20.883,11/09/96	1109	1258.1	1245.5	1260.4	1252.3	1270.1	1268	1264.4	1256.1	1267.3	1240.1	1237.9	1250.3	1231.3	1209.3	1206.1
17:40:20.900,11/09/96	1128.8	1264	1248.7	1256.6	1250.9	1266.7	1270.7	1266.2	1257.4	1269.8	1239.5	1238.6	1249.4	1231.1	1211.1	1206.4
17:40:20.916,11/09/96	1104.2	1261.1	1253	1264.4	1250.9	1267.8	1268.3	1267.3	1255.7	1269.8	1237.6	1236.5	1249.1	1228.7	1210.7	1205.9
17:40:20.933,11/09/96	1111.7	1258.4	1244.6	1257.4	1251.6	1268.7	1267.1	1263.3	1255	1265.8	1238.3	1237.2	1250	1228.6	1210.4	1205
17:40:20.950,11/09/96	1123.6	1264.6	1249.4	1257	1250.3	1265.3	1269.4	1265.8	1256.5	1269.1	1237.6	1238.3	1248.9	1228.2	1212.7	1205.7
17:40:17.566,11/09/96	1184.6	1245.7	1264.4	1281.8	1243.9	1252.9	1245.3	1003.7	1212	1072.1	977.81	1190	1029.7	1028.9	1118	134.87

Table 7. 1/2 Inch Raw Data

Appendix B

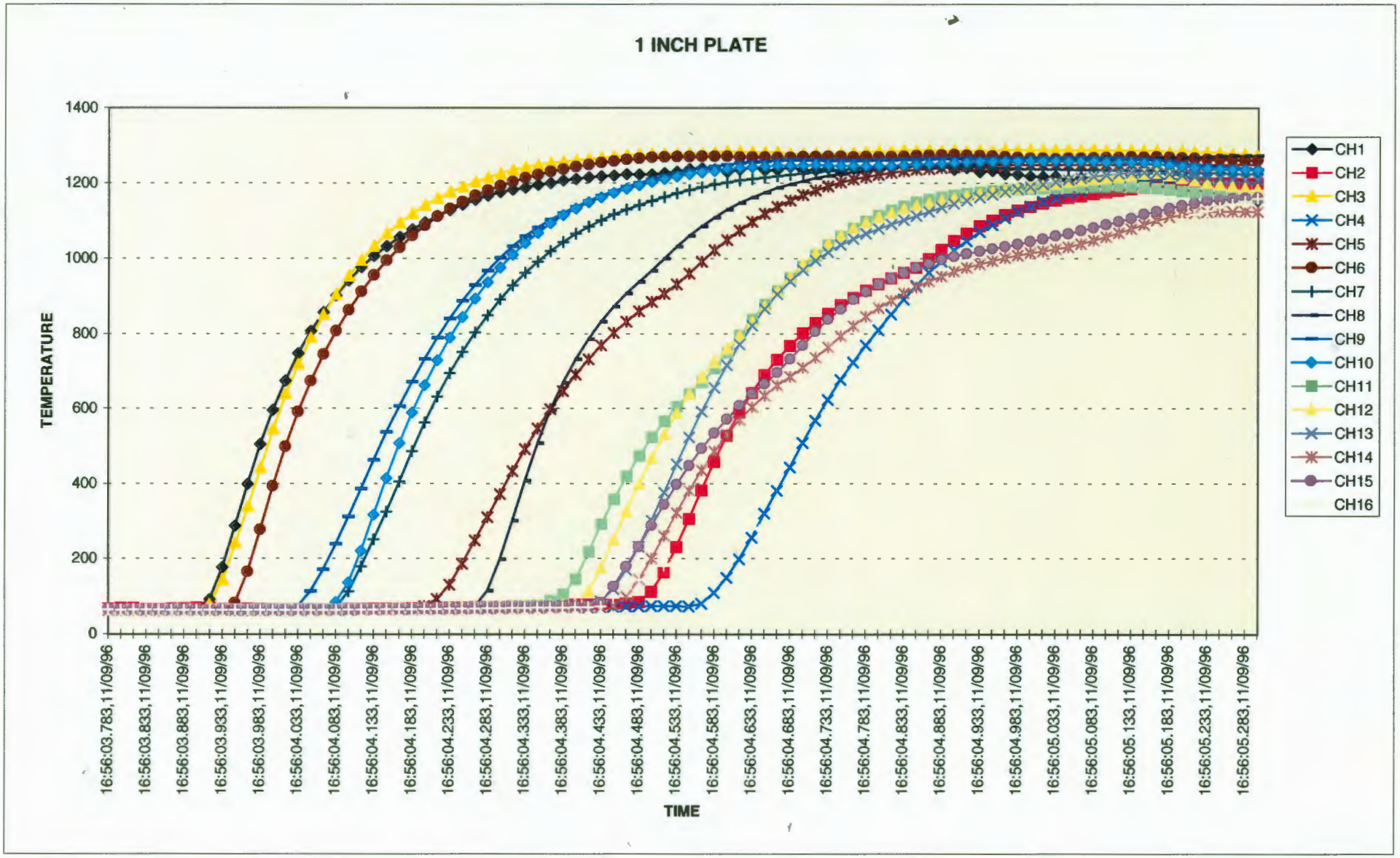

Figure 6. 1 INCH

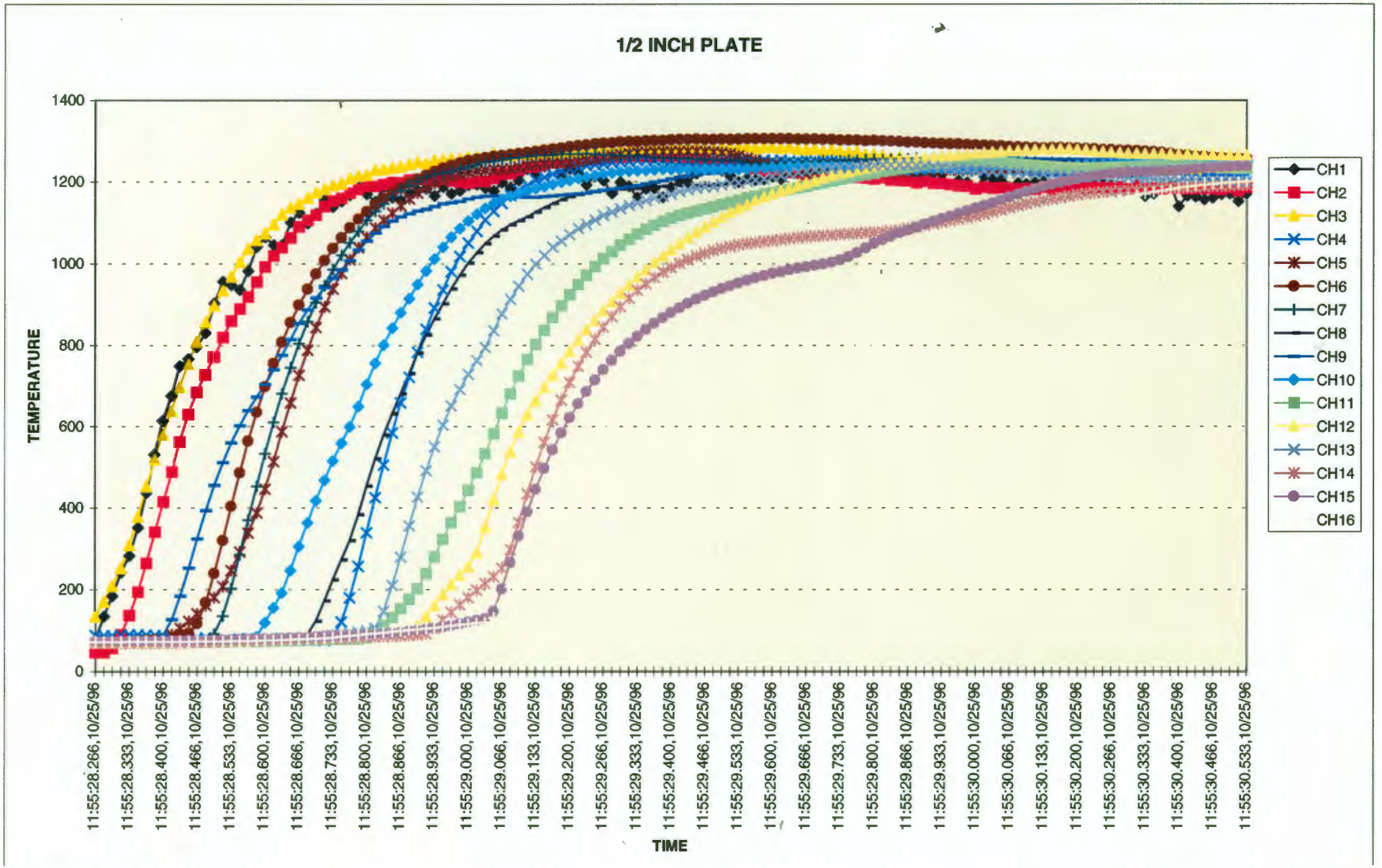

Figure 7. 1/2 INCH

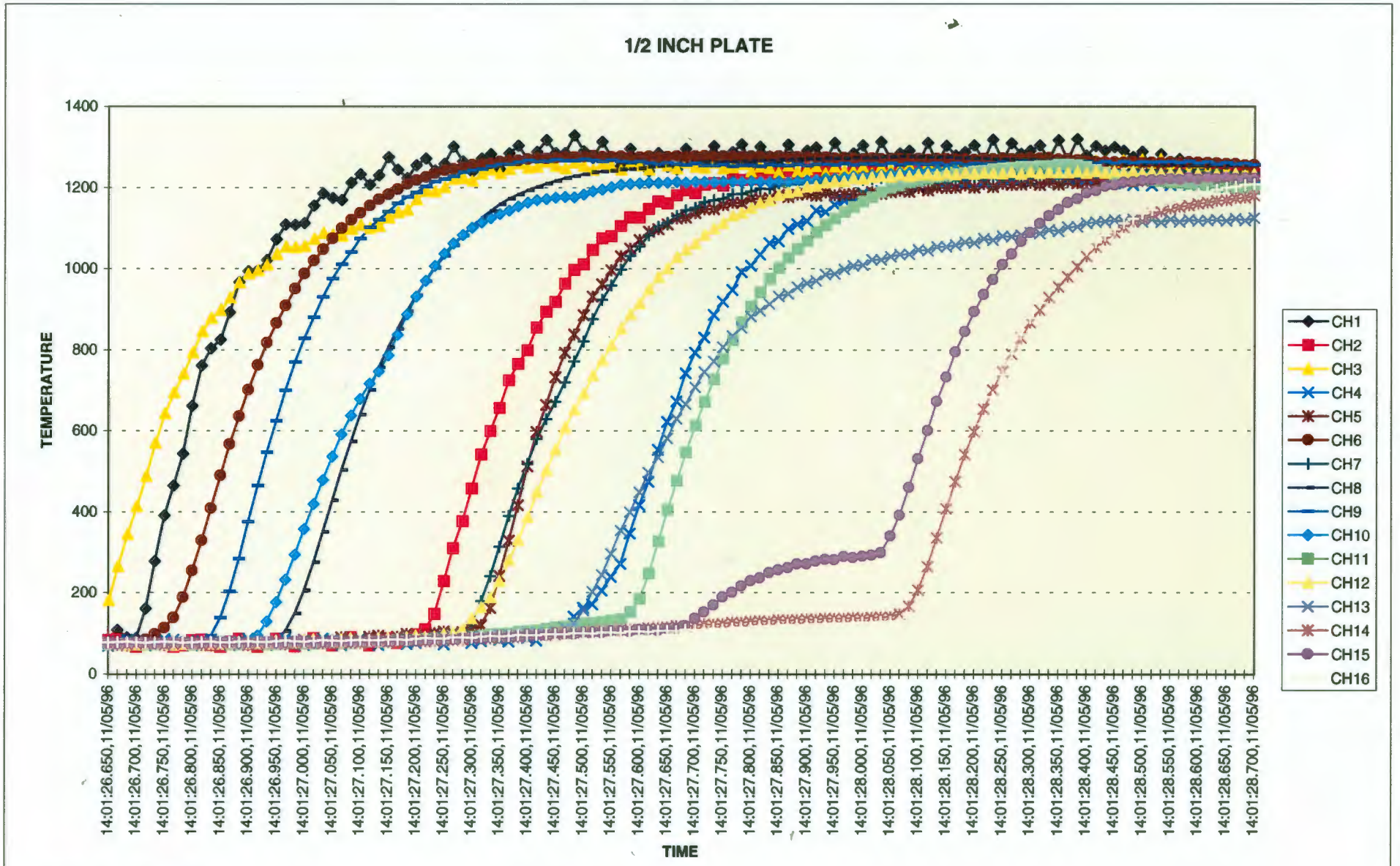

Figure 8. 1/2 INCH

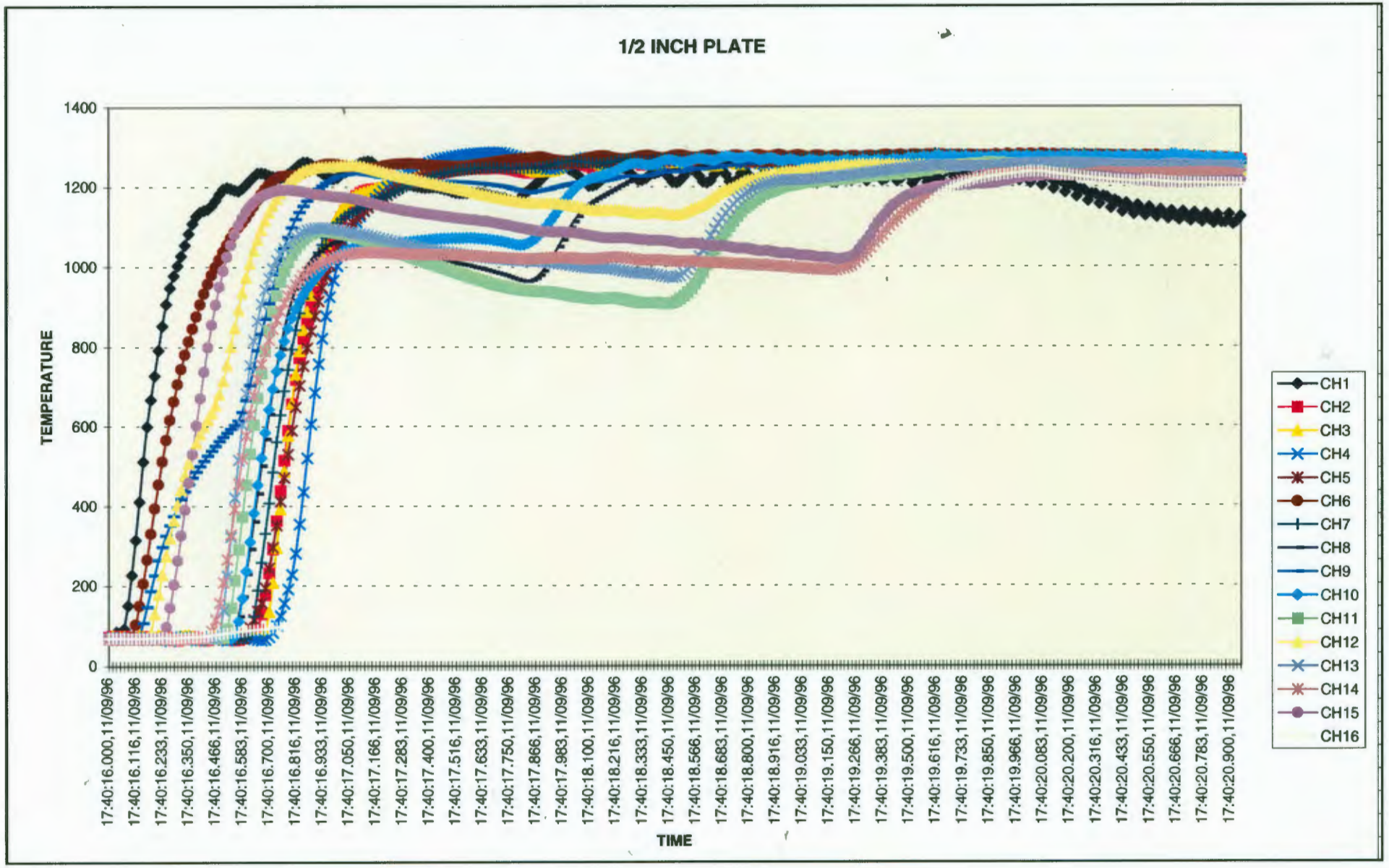

Figure 9. 1/2 INCH