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STUDIES OF GRANULAR FLOW DOWN AN INCLINED CHUTE

Work performed under PETC Contract # DE-AC22-91PC90182

by

The University of Florida, Gainesville, Florida

Daniel M. Hanes, Principal Investigator

FINAL TECHNICAL REPORT

June, 1996

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Appendix 3: Lee (1994) Ph.D. Thesis	103p

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Introduction

When an assembly of discrete solid particles are placed upon an incline of sufficient slope they will move down-slope in any of a variety of possible flow regimes which generally exhibit different kinematics and dynamics. These regimes range from the uniform sliding motion of a bulk solid with little internal shear and essentially no particle velocity fluctuations, to a kinetic, granular flow with high internal shear and large particle velocity fluctuations. Flow regimes intermediate between these forms of motion are also possible, such as a layered flow with internal shear and small velocity fluctuations. The dynamics of any particular flow relate to the local mechanisms for momentum transfer and energy dissipation. These mechanisms are strongly influenced by the characteristics of the apparatus and its boundaries, such as the entrance conditions or the base friction and bumpiness. The connections between the apparatus characteristics and the local flow dynamics need to be determined in order to understand the basic behavior of the flow, as well as a variety of secondary phenomenon. For example, if segregation, mixing, or particle attrition are important in any particular application, then prediction and control of the flow regime would be of paramount importance.

We are therefore motivated to explore the flow regime behavior, and internal dynamics of a system of solid particles flowing down an incline. There have been many previous studies of this nature. These studies generally take one of two viewpoints in their general approach to this problem: 1) they emphasize the bulk flow behavior as it relates to the experimental apparatus, or 2) they emphasize the mechanics of the local flow behavior. From the first point of view, for example, Roberts (1969) or Ridgeway and Rump (1970) describe how a smooth base results in greater discharge by increasing the slip at the base. From the second point of view, Savage (1979) or Drake (1991) describe the relative importance of collisions and friction in determining the constitutive behavior of the observed shear flows. Some authors, such as Johnson, Nott, and Jackson (1990) discuss both viewpoints. They evaluated the constitutive behavior and its relation to the flow regime which was in turn related to the entrance conditions of the particular apparatus.

These previous investigations pose some challenging questions which provide the motivation for the present studies. For example, can any flows down an incline be accurately described by the kinetic theory for granular flow? Are any flows fully developed in space and steady in time? What is the significance of the interactions between the flow particles and the base? Are multiple flow regimes possible under similar conditions? In this work we will begin to answer some of these questions. In particular, we will provide measurements which address the issues of flow development and steadiness. We will also examine the effects of a bumpy base upon the local characteristics of the flow.

Apparatus and Techniques

An inclined chute was constructed as shown in Figure 1. The flow region of the experimental apparatus consists of a rectangular aluminum chute with clear lexan sidewalls. The interior of the chute is four meters long, 46 cm tall, and the width is adjustable from zero to 25 cm in 2.5 cm increments. A drawing of the chute cross section appears in Figure 2. The 19 mm channel design of the chute base was designed to deflect less than .25 mm for the entire chute when supported horizontally by its ends. The base of the chute is designed to be covered with interchangeable inserts, allowing different base characteristics to be studied.

The angular range which the chute is operable is 10° to 30° . Additionally, the chute is adjustable to within the 0.25 mm tolerance at any angle. In order to achieve this, the chute is supported at six points and pivots at the top (entrance) in a single plane, as shown in Figure 3. The lower four supports consist of square telescoping tubing to allow for the various angles. At the base of each of these adjustable legs is a worm gear screwjack. One complete turn of the shaft on these jacks extends the leg 0.635 mm. At the two top pivot points there are adjustable wedge jacks. These six jacks (one for each support point) allow the chute to have the micro-adjustability required. There are ten pivot points, each physically achieved by a pillow block bearing.

The driving force for the granular flow in the experimental region is gravity. The vehicle which re-circulates this flow is a 46 cm wide Corra-Trough belt conveyor manufactured by Buck-El, Inc. Entrance and exit chambers were designed to route the flow between the chute and the conveyor. Both devices had to be flexible because the position of the chute relative to the conveyor changes each time the angle of the chute is changed. A 15 cm iris valve controls the main flow between the top hopper and the entrance chamber.

An adjustable gate apparatus was constructed to accurately control the mass flux at the upper entrance of the chute. This mechanism, shown in Figure 4 positioned at the top of the chute, is adjustable for any width and can be positioned anywhere along the length of the chute. The aluminum plate which forms the gate itself is what allows the adjustability as it is completely interchangeable.

The first step in setting up the chute for a particular experiment is to set the angle of inclination. The chute is supported by a movable hoist and the pins are removed from the four telescopic leg supports. Pivoting about the two top support points, the chute is lowered to the proper angle. The angle is read by an Inogon inclinometer, which uses a vernier scale and two diffraction grating discs and is accurate to 0.2° . The pins are replaced and the hoist removed when the angle is close to the desired inclination. A somewhat iterative process is performed whereby an angle reading is taken at different points on the chute base and the six legs of the chute are adjusted until the angle is the same at all points.

Fig. 1: Photograph of the inclined chute facility.

Fig. 2: Cross-section of chute.

Fig. 3: Diagram of chute support member.

Fig. 4: Adjustable weir gate for flow control.

The granular material used in the experiments described in this report are technical quality glass spheres, three millimeters in diameter. These beads are produced by Cataphote, Inc. Cataphote lists the tolerances for the 3mm spheres at ± 0.2 mm. The average mass of a single bead was measured to be 0.034 g which gives an average measured specific gravity of the glass at 2.42 g/cm³.

A variety of instruments and mechanical devices are utilized to obtain measurements of flow parameters. These consist of measurements of bulk properties of the flow as well as local properties. A summary of the range, precision, and accuracy of the measurements is given in Table 1.

Bulk flow measurements consist of the flow thickness and material mass in each of six sections along the chute, along with the total mass discharge rate. From these measurements we calculate bulk flow velocity, volume concentration, mass hold up, and thickness in each chute section.

Local diagnostics include fiber optic sensors and high speed digital imaging, generally in section 6 of the chute. These data were used to estimate the velocity profiles near the side wall and at the flow surface across the chute. The measurement techniques were developed during this project and are summarized in the theses of McCardle (1993) and Lee (1994), presented in Appendices 2 and 3, respectively. The different methods of determining velocity are compared to each other in Figure 5. The method referred to as manual particle tracking is labor intensive, and only used here to verify the accuracy of the automated fiber optic and high speed imaging techniques. In general, a DIV based correlation scheme was applied to generate velocity profiles from pairs of images. This technique proved reliable and accurate for most flow conditions.

Observations

A variety of experiments have been conducted in order to explore the issues presented earlier. A summary of these experiments is given in tabular form in Appendix 1. We will present results now in the following order: flow regime, examples of fully developed flow, effects of base bumpiness, and temporal fluctuations.

Different flow regimes can be achieved in the chute in a variety of ways. However, if the base, sidewalls, and the type of entrance/exit are kept the same, then the variables which can be varied are the slope and the entrance gate height. As an example of the flow regimes which are possible, we will present next some results for the flow of 3 mm glass spheres over a bumpy base. The base consists of 3 mm glass spheres rigidly fixed in a hexagonal pattern with 4 mm separation between bead centers.

When the slope is too low (less than approximately 16 degrees for the present application), then decelerating flow or no flow results. The decelerating flows are dense, slow, and layered, with very small velocity fluctuations. If the slope is high

TABLE 1. Precision and accuracy of the measured, fixed, and calculated values associated with the chute.

Quantity	Typical Values	Range	Precision	Accuracy(+/-)	Typical Accuracy(%)
Flow Thickness	3.3 cm	0-30 cm	0.1 cm	0.1 cm	3.03%
Mass in a Chute Section	2340 g	0-8000 g	5.0 g	10.0 g	0.43%
Discharged Mass	4645 g	0-8000 g	5.0 g	10.0 g	0.22%
Gate Height	5.08 cm	0-30 cm	0.15 cm	0.15 cm	2.95%
Humidity	53%	30-80%	1%	2%	3.77%
Air Temperature	78 F	60-90 F	0.5 F	1.0 F	1.28%
Chute Inclination	17.0 deg	0.00-19.99	0.01 deg	0.01 deg	0.06%
	22.5 deg	20.0-28.0	0.1 deg	0.1 deg	0.44%
Mass of Beads in System	150E3 g	0-150E3 g	1 g	4500 g	3.00%
Chute Bed Length	365.8 cm	365.8 cm	0.15 cm	0.15 cm	0.04%
Chute Bed Width	15.24 cm	15.24 cm	0.15 cm	0.15 cm	0.98%
Section Length	50.2 cm	50.2 cm	0.15 cm	0.30 cm	0.60%
Average Bulk Velocity	3.9	0-10			6.0%
Mass Holdup	4.0	0-10			7.0%
Volume Fraction	0.38	0-.6			4.4%
Mass Flow Rate	15.8	0-30			0.24%

Particle Velocity Using Three Measurement Techniques

Fig. 5: Comparison of three methods used to measure velocity.

(greater than approximately 24 degrees for the present application), then the flow accelerates and expands down-chute, exhibiting large velocity fluctuations and low volume concentration. In between these extremes, flows exhibit complex and varied behavior. We have classified these flows into several categories based upon their qualitative character. *Surging flows* are dense and slow, and intermittently surge like a wave. They resemble the decelerating flows described above. Sometimes between surges the material appears stationary. *Frictional* flows exhibit shear, layering, high volume concentration, and weak velocity fluctuations. *Collisional* flows exhibit shear, weak layering, intermediate volume concentration, and strong velocity fluctuations. The distinction between frictional and collisional flows is not always obvious; sometimes high speed imaging was used to delineate the flows based upon the length of contact between neighboring particles. Sometimes a flow was collisional throughout most of the depth, but frictional near the base. These flows will be discussed further in the section regarding the influence of the base. Finally, *saltating* flows are comprised of particles which bounce off the base and follow approximately ballistic trajectories. These flows are dilute, with rare interparticle collisions.

Fully developed flows were achieved in both the frictional and collisional regimes. For example, at a slope of 21.2 degrees, a fully developed frictional flow was observed. Figure 6 shows the flow depth, bulk volume fraction, and bulk velocity as a function of position in the chute. To within the accuracy of the measurements, the flow is fully developed. High speed images indicate a dense, layered flow, with enduring contacts between neighboring particles. The velocity profiles through the side wall and across the free surface (looking down on the flow) are shown in Figures 7 and 8. There is slip at both the base and the side walls, and shear throughout the flow. The slip at the bumpy base is much less than the slip at the sidewalls, and the corresponding shear in the base-normal direction is much greater than the shear in the base-parallel direction.

At a slope of 23.4 degrees, a fully developed collisional flow was achieved, as shown in Figure 9. High speed images indicate brief contact between neighboring particles, except at the base. There is enduring contact and small slip at the base, and large slip at the side walls. The velocity profiles at the side wall and across the free surface are shown in Figures 7 and 8. Again, the base-normal shear is much greater than the base-parallel shear. The measured and calculated data for 21.2 degrees and 23.4 degrees is summarized in Table 2.

The bumpy base, although composed of low friction glass spheres ($\mu = 0.1$), appears to nearly capture a layer of the flowing spheres. Even in the collisional flows, the lowest layer of flowing spheres moves intermittently, and remains in contact with the base much longer than the time required for a collision. In contrast to the kinetic theory for a bumpy base put forth by Hanes et. al (88), the base does not act as a source of fluctuation energy. Rather, the base acts as a sink for fluctuational energy, much like an internal erodible boundary. This can also be seen by examining the base-

21.2 deg: 2" sluice

21.2 deg: 2" sluice

21.2 deg: 2" sluice

Fig. 6: Frictional flow at 21°.

Fig. 7: Velocity profile at side wall for 21° and 23°.

Fig. 8: Velocity profile at free surface for 21° and 23°.

23.4 deg: 2" sluice

23.4 deg: 2" sluice

23.4 deg: 2" sluice

Fig. 9: Collisional flow at 23°.

TABLE 2

23.4 degrees, 2" sluiceValues averaged over 3 runs, taken from section 6* of the chute

		<i>dimensionless</i>	<i>factor</i>
Flow thickness:	3.4 cm	11.3	d
Discharge:	3.29 kg/sec	16.8	pdw(gd). ⁵
Solid Vol. fraction:	0.40	0.40	1
Mass hold-up:	3.3e-3 kg/cm ²	4.4	pd
Velocity:	66 cm/sec	3.83	(gd). ⁵
Trapped mass:	2.67 kg		
Base area:	809.2 cm ²		
Base: hexagonal center to center=0.4 cm			

Approx. 94 particles/cm²

d(particle diameter)=0.3 cm

 ρ (particle density)=2.5e-3 kg/cm³

w(chute width)=15.24 cm

g(gravity)=9.81 m/s²**21.2 degrees, 2" sluice**Values averaged over 5 runs, taken from section 6* of the chute

		<i>dimensionless</i>	<i>factor</i>
Flow thickness:	2.9 cm	9.7	d
Discharge:	2.76 kg/sec	14.1	pdw(gd). ⁵
Volume fraction:	0.48	0.48	1
Mass hold-up:	3.4e-3 kg/cm ²	4.6	pd
Velocity:	53 cm/sec	3.08	(gd). ⁵
Trapped mass:	2.79 kg		
Base area:	809.2 cm ²		
Base: hexagonal center to center=0.4 cm			

Approx. 98 particles/cm²

*section 6 is the second-to-last downchute section in which the boroscope and fiber optic sensors are used to make measurements.

normal profile of the standard deviation of velocity, as shown in Figure 10. The fluctuations clearly decrease toward the base, and increase toward the free surface.

Experiments were repeated for a slightly more dense base element packing. The later base was essentially similar to the earlier one, except the center to center spacing was 3.18 mm, rather than 3.97 mm. A comparison of the flows obtained for the two bases, with all other variables remaining the same, is shown in Figure 11. The net effect of the closer spacing of base beads is greater slip and flow velocity.

Temporal fluctuations in velocity were observed on a variety of time scales for most flows. Naturally in collisional flows there is a distribution of velocities amongst the different grains, as well as changes in each grain's velocity in time. There were also fluctuations occurring on longer time scales. These are believed to be related to periodic waves in the chute. As an example, we will present the temporal variations in velocity as measured by the fiber optic probe, for the fully developed collisional flow achieved at an angle of 23 degrees. Recall that the probe measures velocity in a spatial voxel on the order of one grain volume, so the measured velocity variations correspond closely to the velocities of individual grains. A 68 second long time series of velocity is shown in Figure 12a. Fluctuations are evident on a variety of time scales. The FFT of this time series shows the frequency content of the temporal variations, as shown in Figure 13a. There is a peak near Hz, which presumable corresponds to a resonant periodic wave. At this time the value of the peak frequency is not fully understood. A second example is presented for the fully developed frictional flow achieved at an inclination of 21.4 degrees. Figure 12b and Figure 13b show the time series of velocity and its FFT. For this flow, the peak is not as pronounced, and the spectrum is wider. The waves causing these fluctuations do not seem to have any preferred period or resonance, though they certainly still exist.

Conclusions

An inclined chute facility and its associated diagnostics has been developed and utilized to study the flow of granular materials. A variety of flow regimes and flow phenomena were observed. Fully developed flows were observed over a bumpy base for a range of slopes. Under some conditions, these flows were dominated by friction and under other conditions, collisions played a dominant role. A variety of unsteady flows were also observed. These include decelerating flows, accelerating flows, and wavy (periodic) flows. The characteristics of the base strongly influenced the flow regime and flow dynamics.

Fig. 10: Profile of velocity standard deviations at side wall for 21° and 23°.

Velocity Comparison Between Bumpy 1 and Bumpy 2

Fig. 11: Comparison of flow with different base roughness element spacings.

Fig. 12a: Time series of particle velocity for collisional flow.

Fig. 12b: FFT of velocity.

Fig. 13a: Time series of particle velocity for frictional flow.

Fig. 13b: FFT of velocity.

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Appendix 1: Data Summary

Appendix 1: Data Summary

EXP:	Experiment number identification
BASE:	B1:bumpy1, B2:bumpy2; sm: smooth aluminum
GATE:	Entrance sluice gate height, inches
MTOT:	Total weight of flow material in system, pounds
ANGLE:	Angle of chute inclination, degrees
TEMP:	Room Temperature, °F
HUMID:	Room humidity, %
CAM:	High speed camera: n(no) or y(yes)
FIBER:	Fiber optic sensors utilized: n(no) or y(yes)
QUAL:	Overall quality control index. 1:good; 0,h,t:bad
STATE:	Classification of flow regime: NF-no flow; US-unsteady flow, SC-steady collisional, SF-steady frictional, EA-expanding/accelerating
AH2-AH7:	Average flow thickness in sections 2 through 7, cm
S1W-S7W:	Weight of flow material in sections 2 through 7, kg
AVF2-AVF7:	Average volume fraction in sections 2 through 7
S2V-S7V:	Average velocity in sections 2 through 7, nondimensional
S2MH-S7MH:	Mass hold-up in section 2 through 7, nondimensional
MDOT:	Discharge rate, nondimensional

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
1/19/93	00b	sm	1.00	250	14.20	77.9	43.0	n	n	1	
1/19/93	00c	sm	1.50	250	14.20	77.9	50.0	n	n	1	
1/19/93	00d	sm	2.00	250	14.20	77.9	44.0	n	n	1	
1/19/93	00e	sm	9.00	250	14.20	77.9	50.0	n	n	0	
1/19/93	00f	sm	9.00	250		0.0	45.0			1	
1/21/93	00g	sm	0.50	250	14.20	77.9	64.0	n	n	1	
1/21/93	00h	sm	0.50	250	14.20	77.9	50.0	n	n	1	
1/25/93	00i	sm	9.00	250	14.20	77.9	50.0	n	n	0	
1/27/93	00j	sm	2.00	250	14.20	77.9	50.0	n	n	1	
1/29/93	00k	sm	1.50	250	14.20	77.9	50.0	n	n	1	
1/31/93	00l	sm	0.50	250	14.20	77.9	50.0	y	n	1	
1/31/93	00m	sm	1.00	250	14.20	77.9	50.0	y	n	1	
2/10/93	00n	sm	0.50	250	11.70	77.9	65.0	n	n	1	
2/10/93	00o	sm	0.50	250	11.70	77.9	65.0	n	n	1	
2/11/93	00p	sm	1.00	250	11.70	77.9	65.0	n	n	1	
2/11/93	00q	sm	1.00	250	11.70	77.9	65.0	n	n	1	
2/11/93	00r	sm	1.50	250	11.70	77.9	65.0	n	n	1	
2/12/93	00s	sm	2.00	250	11.70	77.9	66.0	n	n	1	
2/12/93	00t	sm	9.00	250	11.70	77.9	65.0	n	n	0	
2/12/93	00u	sm	9.00	250	11.70	77.9	65.0	n	n	0	
2/23/93	00v	b2	9.00	330	22.20	77.9	35.0	n	n	h	
2/24/93	00w	b2	0.50	330	22.20	77.9	20.0	n	n	0	NF
2/24/93	00x	b2	1.00	330	22.20	77.9	20.0	n	n	h	US
2/24/93	00y	b2	1.50	330	22.20	77.9	20.0	n	n	h	SC
2/24/93	00z	b2	2.00	330	22.20	77.9	20.0	n	n	h	US
3/2/93	01a	b2	0.50	330	22.20	77.9	63.0	n	n	1	NF
3/2/93	01b	b2	1.00	330	22.20	77.9	63.0	y	n	1	US
3/2/93	01c	b2	1.50	330	22.20	77.9	63.0	n	n	0	SC
3/2/93	01d	b2	2.00	330	22.20	77.9	63.0	n	n	1	US
3/2/93	01e	b2	9.00	330	22.20	77.9	64.0	n	n	0	
3/2/93	01g	b2	1.00	330	22.20	77.9	66.0	n	n		US
3/3/93	01h	b2	1.50	330	22.20	77.9	66.0	n	n		SC
3/3/93	01f	b2	0.50	330	22.20	77.9	66.0	n	n		NF
3/4/93	01k	b2	2.00	330	20.00	77.9	65.0	n	n	0	SF
3/9/93	01i	b2	1.00	330	20.00	77.9	65.0	n	n	1	SF
3/9/93	01j	b2	1.50	330	20.00	77.9	65.0	n	n	0	SF
3/9/93	01l	b2	9.00	330	20.00	77.9	64.0	n	n	0	
3/9/93	01m	b2	0.50	330	20.00	77.9	63.0	n	n		NF
3/9/93	01n	b2	1.00	330	20.00	77.9	63.0	n	n		SF
3/9/93	01o	b2	9.00	330	20.00	77.9	63.0	n	n		
3/15/93	01p	b2	0.50	330	24.00	77.9	60.0	n	n	1	EA
3/15/93	01q	b2	1.00	330	24.00	77.9	59.0	n	n	1	EA
3/15/93	01r	b2	1.50	330	24.00	77.9	50.0	n	n	1	EA
3/15/93	01s	b2	2.00	330	24.00	77.9	50.0	n	n	1	EA
3/15/93	01t	b2	9.00	330	24.00	77.9	61.0	n	n	0	
3/15/93	01u	b2	0.50	330	24.00	77.9		n	n		EA
3/15/93	01v	b2	1.00	330	24.00	77.9	63.0	n	n		EA
3/15/93	01w	b2	1.50	330	24.00	77.9	62.0	n	n		EA
3/18/93	01x	b2	0.50	330	18.00	77.9	66.0	n	n		
3/18/93	01y	b2	1.00	330	18.00	77.9	62.0	n	n	0	

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
3/18/93	01z	b2	1.00	330	18.00	77.9	66.0	n	n		
3/18/93	02a	b2	1.50	330	18.00	77.9	60.0	n	n	1	
3/18/93	02b	b2	2.00	330	18.00	77.9	63.0	n	n	1	
3/18/93	02c	b2	9.00	330	18.00	77.9	63.0	n	n	0	
3/18/93	02d	b2	9.00	330	18.00	77.9	68.0	n	n		
3/19/93	02e	b2	9.00	330	16.20	77.9	59.0	n	n	0	
3/22/93	02f	b2	0.50	330	28.20	77.9	64.0	n	n		EA
3/22/93	02g	b2	1.00	330	28.20	77.9	65.0	n	n		EA
3/22/93	02h	b2	1.50	330	28.20	77.9	66.0	n	n		EA
3/22/93	02i	b2	0.50	330	28.20	77.9	67.0	n	n	1	EA
3/22/93	09z	b2	2.00	330	23.40	77.9	66.0	y	y	1	SC
3/23/93	02j	b2	1.00	330	28.20	77.9	70.0	n	n	1	EA
3/23/93	02k	b2	1.50	330	28.20	77.9	70.0	n	n	1	EA
3/23/93	02l	b2	2.00	330	28.20	77.9	70.0	n	n		EA
3/23/93	02m	b2	9.00	330	28.20	77.9	70.0	n	n	0	EA
3/24/93	02n	b2	0.50	330	26.20	77.9	71.0	n	n	w	EA
3/24/93	02o	b2	1.00	330	26.20	77.9	71.0	n	n		EA
3/24/93	02p	b2	9.00	330	26.20	77.9	71.0	n	n		EA
3/24/93	02q	b2	0.50	330	26.20	77.9	71.0	n	n	1	EA
3/24/93	02r	b2	1.00	330	26.20	77.9	71.0	n	n	1	EA
3/24/93	02s	b2	1.50	330	26.20	77.9	71.0	n	n	1	EA
3/24/93	02t	b2	2.00	330	26.20	77.9	71.0	n	n	1	EA
3/24/93	02u	b2	9.00	330	26.20	77.9	71.0	n	n	0	EA
3/24/93	02v	b2	0.50	330	27.20	77.9	68.0	n	n	1	EA
3/24/93	02w	b2	1.00	330	27.20	77.9	68.0	n	n	1	EA
3/25/93	02x	b2	1.50	330	27.20	77.9	68.0	n	n	1	EA
3/25/93	02y	b2	2.00	330	27.20	77.9	68.0	n	n	1	EA
3/25/93	02z	b2	9.00	330	27.20	77.9	68.0	n	n	0	EA
3/25/93	03a	b2	0.50	330	27.20	77.9	68.0	n	n		EA
3/25/93	03b	b2	1.00	330	27.20	77.9	68.0	n	n	1	EA
3/25/93	03c	b2	1.50	330	27.20	77.9	68.0	n	n	1	EA
3/25/93	03d	b2	0.50	330	25.30	77.9	67.0	n	n	1	EA
3/25/93	03e	b2	1.00	330	25.30	77.9	67.0	n	n	1	EA
3/25/93	03f	b2	1.50	330	25.30	77.9	67.0	n	n	1	EA
3/25/93	03g	b2	2.00	330	25.30	77.9	67.0	n	n	1	EA
3/25/93	03h	b2	9.00	330	25.30	77.9	67.0	n	n	0	EA
3/26/93	03i	b2	0.50	330	25.30	77.9	64.0	n	n	1	EA
3/26/93	03j	b2	1.00	330	25.30	77.9	64.0	n	n	1	EA
3/26/93	03k	b2	1.50	330	25.30	77.9	64.0	n	n	1	EA
3/26/93	03l	b2	0.50	330	23.10	77.9	65.0	n	n	1	
3/26/93	03m	b2	1.00	330	23.10	77.9	65.0	n	n	1	
3/26/93	03n	b2	1.50	330	23.10	77.9	65.0	n	n	1	
3/26/93	03o	b2	2.00	330	23.10	77.9	65.0	n	n	1	
3/26/93	03p	b2	9.00	330	23.10	77.9	65.0	n	n	0	
3/26/93	03q	b2	0.50	330	23.10	77.9	65.0	n	n		
3/26/93	03r	b2	1.00	330	23.10	77.9	65.0	n	n		
3/26/93	03s	b2	9.00	330	23.10	77.9	65.0	n	n		
3/29/93	03t	b2	0.50	330	21.20	77.9	65.0	n	n		NF
3/29/93	03u	b2	1.00	330	21.20	77.9	65.0	n	n		SF
3/29/93	03v	b2	9.00	330	21.20	77.9	65.0	n	n		

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
3/29/93	03w	b2	0.50	330	21.20	77.9	66.0	n	n	0	NF
3/29/93	03x	b2	1.00	330	21.20	77.9	66.0	n	n	1	SF
3/29/93	03y	b2	1.50	330	21.20	77.9	66.0	n	n	1	
3/29/93	03z	b2	2.00	330	21.20	77.9	66.0	n	n	1	SF
3/29/93	04a	b2	9.00	330	21.20	77.9	65.0	n	n	0	
3/30/93	04b	b2	1.00	330	19.10	77.9	62.0	n	n	1	
3/30/93	04c	b2	1.50	330	19.10	77.9	62.0	n	n	1	
3/30/93	04d	b2	2.00	330	19.10	77.9	62.0	n	n	1	
3/30/93	04e	b2	9.00	330	19.10	77.9	62.0	n	n	0	
3/30/93	04f	b2	0.50	330	19.10	77.9	61.0	n	n	1	
3/30/93	04g	b2	1.00	330	19.10	77.9	61.0	n	n	1	
3/30/93	04h	b2	9.00	330	19.10	77.9	62.0	n	n	0	
3/30/93	04i	b2	9.00	330	17.10	77.9	62.0	n	n	0	
3/30/93	04j	b2	9.00	330	17.10	77.9	62.0	n	n	0	
4/1/93	04n	b2	2.00	330	20.00	77.9	66.0			1	SF
4/1/93	04k	b2	2.00	330	22.20	77.9	65.0	n	n	1	US
4/1/93	04l	b2	9.00	330	22.20	77.9	64.0	n	n	0	
4/1/93	04m	b2	9.00	330	22.20	77.9	65.0	n	n		
4/1/93	04o	b2	9.00	330	20.00	77.9	65.0	n	n	0	
4/1/93	04p	b2	9.00	330	20.00	77.9	66.0	n	n	0	
4/1/93	04q	b2	1.00	330	17.10	77.9	67.0	n	n	0	
4/2/93	04r	b2	9.00	330	28.20	77.9	52.0	n	n	0	EA
4/5/93	04s	b2	1.50	330	28.20	77.9	62.0	n	n	1	EA
4/5/93	04t	b2	1.00	330	28.20	77.9	62.0	n	n	1	EA
4/5/93	04u	b2	1.50	330	28.20	77.9	62.0	n	n	1	EA
4/5/93	04v	b2	0.50	330	22.20	77.9	67.0	n	n		NF
4/5/93	04w	b2	1.00	330	22.20	77.9	67.0	n	n		US
4/5/93	04x	b2	9.00	330	22.20	77.9	67.0			0	
4/5/93	04y	b2	1.00	330	20.00	77.9	65.0	n	n	1	SF
4/5/93	04z	b2	1.50	330	20.00	77.9	65.0	n	n	1	SF
4/5/93	05a	b2	1.00	330	20.00	77.9	65.0	n	n		SF
4/5/93	05b	b2	2.00	330	20.00	77.9	65.0	n	n	1	SF
4/7/93	05c	b2	9.00	330	24.00	77.9	58.0	n	n	0	
4/7/93	05d	b2	0.50	330	24.00	77.9	58.0	n	n		EA
4/7/93	05e	b2	1.00	330	24.00	77.9	58.0	n	n		EA
4/7/93	05f	b2	9.00	330	24.00	77.9	58.0	n	n		
4/12/93	05g	b2	2.00	330	20.00	77.9	54.0	n	n	1	SF
4/12/93	05h	b2	9.00	330	20.00	77.9	55.0	n	n	0	
6/14/93	05n	b2	9.00	330	20.00	77.9	72.0	n	n	0	
6/14/93	05o	b2	2.00	330	20.00	77.9	73.0	n	n	v	SF
6/14/93	05p	b2	2.00	330	20.00	77.9	73.0	n	n	v	SF
6/14/93	05q	b2	2.00	330	20.00	77.9	72.0	n	n	v	SF
6/14/93	05r	b2	2.00	330	20.00	77.9	72.0	n	n	1	SF
6/14/93	05s	b2	1.50	330	20.00	77.9	71.0	n	n	1	SF
6/15/93	05t	b2	9.00	330	20.00	77.9	71.0	n	n	0	
6/15/93	05u	b2	2.00	330	20.00	77.9	69.0	n	n	1	SF
6/16/93	05v	b2	3.00	330	20.00	77.9	71.0	n	n	1	
6/17/93	05w	b2	2.00	330	20.00	77.9	68.0	n	n	1	SF
6/17/93	05x	b2	1.50	330	20.00	77.9	68.0	n	n	1	SF
6/17/93	05y	b2	9.00	330	20.00	77.9	65.0	n	n	0	

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
6/17/93	05z	b2	9.00	330	20.00	77.9	65.0	n	n	0	
6/28/93	06a	b2	9.00	330	24.10	77.9	78.0	y	n	0	
7/1/93	06b	b2	2.50	330	24.10	77.9	72.0	n	n	1	
7/1/93	06c	b2	9.00	330	24.10	77.9	71.0	n	n	0	
7/1/93	06d	b2	2.50	330	23.80	77.9	71.0	n	n	1	
7/1/93	06e	b2	9.00	330	23.80	77.9	71.0	n	n	0	
7/6/93	06f	b2	1.37	330	23.40	77.9	69.0	n	n	1	EA
7/6/93	06h	b2	2.00	330	23.00	77.9	69.0	n	n	1	
7/8/93	06g	b2	1.25	330	23.20	77.9	69.0	n	n	1	
7/8/93	06i	b2	1.50	330	22.80	77.9	72.0	n	n	1	SC
7/8/93	06j	b2	9.00	330	22.80	77.9	72.0	n	n	0	
7/8/93	06k	b2	2.50	330	22.60	77.9	71.0	n	n	1	
7/8/93	06l	b2	9.00	330	22.60	77.9	71.0	n	n	0	
7/8/93	06m	b2	2.50	330	22.40	77.9	71.0	n	n	1	
7/8/93	06n	b2	9.00	330	22.40	77.9	71.0	n	n	0	
7/8/93	06o	b2	2.25	330	22.20	77.9	71.0	n	n	1	
7/12/93	06p	b2	9.00	330	22.20	77.9	70.0	n	n	0	
7/12/93	06q	b2	2.00	330	22.00	77.9	70.0	n	n	1	US
7/12/93	06r	b2	9.00	330	22.00	77.9	70.0	n	n	0	
7/12/93	06s	b2	1.87	330	21.80	77.9	70.0	n	n	1	
7/12/93	06t	b2	9.00	330	21.80	77.9	70.0	n	n	0	
7/12/93	06u	b2	1.87	330	21.60	77.9	70.0	n	n	1	SF
7/12/93	06v	b2	9.00	330	21.60	77.9	68.0	n	n	0	
7/13/93	06w	b2	2.25	330	21.40	77.9	72.0	n	n	1	
7/13/93	06x	b2	9.00	330	21.40	77.9	71.0	n	n	0	
7/13/93	06y	b2	2.12	330	21.20	77.9	71.0	n	n	1	
7/13/93	06z	b2	9.00	330	21.20	77.9	71.0	n	n	0	
7/17/93	07a	b2	2.00	330	21.00	77.9	76.0	n	n	1	SF
7/17/93	07b	b2	9.00	330	21.00	77.9	76.0	n	n	0	
7/17/93	07c	b2	1.75	330	20.80	77.9	76.0	n	n	1	SF
7/19/93	07d	b2	9.00	330	20.80	77.9	69.0	n	n	0	
7/19/93	07e	b2	1.00	330	20.80	77.9	68.0	y	n	0	SF
7/19/93	07f	b2	9.00	330	20.80	77.9	69.0	y	n	0	
7/19/93	07g	b2	2.00	330	20.60	77.9	69.0	n	n	1	SF
7/19/93	07h	b2	9.00	330	20.60	77.9	70.0	n	n	0	
7/20/93	07i	b2	2.00	330	20.40	77.9	71.0	n	n	1	SF
7/20/93	07j	b2	9.00	330	20.40	77.9	71.0	n	n	0	
7/20/93	07k	b2	1.75	330	20.20	77.9	71.0	n	n	1	SF
7/20/93	07l	b2	9.00	330	20.20	77.9	72.0	n	n	0	
7/20/93	07m	b2	1.75	330	20.00	77.9	72.0	n	n	1	SF
7/20/93	07n	b2	9.00	330	20.00	77.9	71.0	n	n	0	
7/28/93	07o	b2	9.00	330	24.10	77.9	69.0	n	n	0	
7/28/93	07p	b2	2.50	330	24.10	77.9	68.0	n	n	1	
7/28/93	07q	b2	9.00	330	23.20	77.9	67.0	n	n	0	
7/29/93	07r	b2	1.50	330	23.20	77.9	67.0	n	n	0	
7/29/93	07s	b2	9.00	330	22.40	77.9	66.0	n	n	0	
7/29/93	07t	b2	2.50	330	22.40	77.9	66.0	n	n	1	
8/4/93	07u	b2	1.50	330	21.20	77.9	71.0	n	n	1	
8/4/93	07v	b2	9.00	330	21.20	77.9	71.0	n	n	0	
8/5/93	07w	b2	2.50	330	24.10	77.9	68.0	n	n	1	

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
8/5/93	07x	b2	9.00	330	24.10	77.9	69.0	n	n	0	
8/5/93	07y	b2	2.50	330	24.10	77.9	69.0	n	n	1	
8/12/93	07z	b2	9.00	330	24.10	77.9	68.0	n	n	0	
8/12/93	08a	b2	1.50	330	21.20	77.9	67.0	n	n	0	
8/12/93	08b	b2	9.00	330	21.20	77.9	67.0	n	n	0	
8/17/93	08c	b2	2.00	330	21.00	77.9	69.0	y	n	0	SF
8/17/93	08d	b2	2.00	330	21.00	77.9	69.0	y	n	0	SF
8/17/93	08e	b2	2.00	330	21.00	77.9	69.0	y	n	0	SF
8/17/93	08f	b2	2.00	330	21.00	77.9	69.0	y	n	0	SF
8/17/93	08g	b2	2.00	330	21.00	77.9	69.0	y	n	0	SF
8/17/93	08h	b2	2.00	330	21.00	77.9	69.0	y	n	0	SF
8/17/93	08i	b2	2.00	330	21.00	77.9	69.0	y	n	0	SF
8/17/93	08j	b2	2.00	330	21.00	77.9	69.0	y	n	0	SF
8/31/93	08k	b2	1.75	330	21.00	77.9	67.0	y	n	1	SF
9/1/93	08l	b2	2.00	330	21.00	77.9	72.0	y	n	1	SF
9/1/93	08m	b2	1.75	330	21.20	77.9	67.0	y	n	1	SF
9/1/93	08n	b2	2.00	330	21.20	77.9	67.0	y	n	1	SF
9/2/93	08o	b2	2.00	330	21.40	77.9	71.0	y	n	1	SF
9/2/93	08p	b2	1.75	330	21.40	77.9	67.0	y	n	1	SF
9/2/93	08q	b2	2.00	330	21.60	77.9	66.0	y	n	1	
9/2/93	08r	b2	1.75	330	21.60	77.9	65.0	y	n	1	US
9/6/93	08s	b2	2.00	330	21.80	77.9	71.0	y	n	1	US
9/6/93	08t	b2	1.75	330	21.80	77.9	69.0	y	n	1	US
9/6/93	08u	b2	2.00	330	22.00	77.9	69.0	y	n	1	US
9/6/93	08v	b2	1.75	330	22.00	77.9	68.0	y	n	1	US
9/6/93	08w	b2	2.00	330	22.20	77.9	68.0	y	n	0	US
9/6/93	08x	b2	1.75	330	22.20	77.9	68.0	y	n	0	US
9/7/93	08y	b2	2.00	330	22.40	77.9	71.0	y	n	1	US
9/7/93	08z	b2	1.75	330	22.40	77.9	69.0	y	n	1	US
9/7/93	09a	b2	2.00	330	22.60	77.9	68.0	y	n	1	US
9/7/93	09b	b2	1.75	330	22.60	77.9	66.0	y	n	1	US
9/7/93	09c	b2	2.00	330	20.80	77.9	66.0	y	n	1	SF
9/7/93	09d	b2	1.75	330	20.80	77.9	65.0	y	n	1	SF
9/8/93	09e	b2	2.00	330	20.60	77.9	70.0	y	n	1	SF
9/8/93	09f	b2	1.75	330	20.60	77.9	67.0	y	n	1	SF
9/13/93	09g	b2	2.00	330	22.80	77.9	67.0	y	n	1	US
9/13/93	09g	b2	2.00	330	22.80	77.9	67.0	y	n	1	US
9/13/93	09h	b2	1.75	330	22.80	77.9	63.0	y	n	1	
9/14/93	09i	b2	2.00	330	23.00	77.9	69.0	Y	N	1	SC
9/14/93	09i	b2	2.00	330	23.00	77.9	69.0	y	n	1	SC
9/14/93	09j	b2	1.75	330	23.00	77.9	64.0	Y	N	1	SC
9/14/93	09k	b2	2.00	330	23.20	77.9	61.0	Y	N	1	SC
9/14/93	09l	b2	1.75	330	23.20	77.9	62.0	Y	N	1	SC
9/14/93	09m	b2	2.00	330	23.40	77.9	63.0	Y	N	1	SC
9/15/93	09n	b2	1.75	330	23.40	77.9	71.0	Y	N	1	SC
9/17/93	09o	b2	2.00	330	23.40	77.9	68.0	y	n	1	SC
9/17/93	09p	b2	2.00	330	23.40	77.9	56.0	y	n	1	SC
9/17/93	09q	b2	2.00	330	23.40	77.9	66.0	y	n	1	SC
9/20/93	09r	b2	2.00	330	23.40	77.9	68.0	y	n	1	SC
9/20/93	09s	b2	2.00	330	23.40	77.9	64.0	y	y	1	SC

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
9/20/93	09t	b2	2.00	330	23.40	77.9	64.0	y	n	1	SC
9/20/93	09u	b2	2.00	330	23.40	77.9	63.0	y	n	1	SC
9/21/93	09v	b2	2.00	330	23.40	77.9	70.0	y	n	1	SC
9/21/93	09w	b2	2.00	330	23.40	77.9	66.0	y	n	1	SC
9/21/93	09x	b2	2.00	330	23.40	77.9	66.0	y	n	1	SC
9/22/93	09y	b2	2.00	330	23.40	77.9	66.0			1	SC
9/22/93	10a	b2	2.00	330	23.40	77.9	66.0			1	SC
9/22/93	10b	b2	2.00	330	23.40	77.9	65.0			1	SC
9/22/93	10c	b2	2.00	330	23.40	77.9	65.0			1	SC
9/23/93	10d	b2	2.00	330	23.40	77.9	64.0	y	n	1	SC
9/23/93	10e	b2	2.00	330	23.40	77.9	64.0	y	n	1	SC
9/23/93	10f	b2	2.00	330	23.40	77.9	64.0	y	n	1	SC
9/23/93	10g	b2	2.00	330	23.40	77.9	64.0	y	n	1	SC
9/23/93	10h	b2	2.00	330	23.40	77.9	64.0	y	n	1	SC
9/23/93	10i	b2	2.00	330	23.40	77.9	64.0	y	n	1	SC
9/24/93	10j	b2	2.00	330	23.40	77.9	63.0	y	y	1	SC
9/24/93	10k	b2	2.00	330	23.40	77.9	63.0	y	y	1	SC
9/24/93	10l	b2	2.00	330	23.40	77.9	63.0	y	y	1	SC
9/24/93	10m	b2	2.00	330	23.40	77.9	63.0	y	y	1	SC
10/6/93	10n	b2	2.00	330	23.40	77.9	63.0	y	y	1	SC
10/6/93	10o	b2	2.00	330	23.40	77.9	62.0	y	n	1	SC
10/7/93	10p	b2	2.00	330	23.40	77.9	59.0	y	y	1	SC
10/11/93	10q	b2	2.00	330	23.40	77.9	58.0	y	y	1	SC
10/11/93	10r	b2	2.00	330	23.40	77.9	54.0			1	SC
10/12/93	10s	b2	2.00	330	23.40	77.9	54.0	y	y	1	SC
10/12/93	10t	b2	2.00	330	23.40	77.9	52.0	y	y	1	SC
10/12/93	10u	b2	2.00	330	23.40	77.9	49.0			1	SC
10/13/93	10w	b2	2.00	330	23.40	77.9	48.0	y	y	1	SC
10/14/93	10y	b2	2.00	330	23.40	77.9	57.0	y	y	1	SC
10/18/93	10z	b2	2.00	330	21.20	77.9	52.0	y	y	1	SF
10/18/93	11a	b2	2.00	330	21.20	77.9	56.0	y	y	1	SF
10/18/93	11b	b2	2.00	330	21.20	77.9	54.0	y	y	1	SF
10/19/93	11c	b2	2.00	330	21.20	77.9	62.0	y	y	1	SF
10/19/93	11d	b2	2.00	330	21.20	77.9	56.0	y	y	1	SF
10/19/93	11e	b2	2.00	330	21.20	77.9	56.0	y	y	1	SF
10/19/93	11f	b2	2.00	330	21.20	77.9	54.0	y	y	1	SF
10/20/93	11g	b2	2.00	330	21.20	77.9	60.0	y	y	1	SF
10/20/93	11h	b2	2.00	330	21.20	77.9	58.0	y	y	1	SF
10/20/93	11i	b2	2.00	330	21.20	77.9	56.0	y	y	1	SF
10/21/93	11j	b2	2.00	330	21.20	77.9	60.0	y	y	1	SF
10/21/93	11k	b2	2.00	330	21.20	77.9	59.0	y	y	1	SF
10/21/93	11l	b2	2.00	330	21.20	77.9	57.0	y	y	1	SF
10/21/93	11m	b2	2.00	330	21.20	77.9	57.0	y	y	1	SF
10/21/93	11n	b2	2.00	330	21.20	77.9	57.0	y	y	1	SF
10/22/93	11p	b2	2.00	330	21.20	77.9	62.0	y	y	1	SF
10/22/93	11q	b2	2.00	330	21.20	77.9	59.0	y	y	1	SF
10/22/93	11r	b2	2.00	330	21.20	77.9	58.0	y	y	1	SF
10/22/93	11s	b2	2.00	330	21.20	77.9	56.0	Y	Y	1	SF
10/22/93	11t	b2	2.00	330	21.20	77.9	56.0	y	y	1	SF
10/25/93	11u	b2	2.00	330	21.20	77.9	58.0	y	y	1	SF

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
10/25/93	11v	b2	2.00	330	21.20	77.9	56.0	y	y	1	SF
10/25/93	11w	b2	2.00	330	21.20	77.9	56.0	y	y	1	SF
10/25/93	11x	b2	2.00	330	21.20	77.9	55.0	y	y	1	SF
11/14/93	10x	b2	2.00	330	23.40	77.9	59.0	y	y	1	SC
11/21/93	11o	b2	2.00	330	21.20	77.9	56.0	y	y	1	SF
2/23/94		b1	5.00	330	23.40	0.0	61.0				
2/23/94		b1	5.00	330	23.40	78.0	68.0				
2/23/94		b1	5.00	330	23.40	0.0	62.0				
2/24/94		b1	5.00	330	23.40	0.0	62.0				
4/18/94	12a	b1	0.50	330	16.00	0.0	49.0	n	n	1	SF
4/18/94	12b	b1	1.00	330	16.00	0.0	49.0	n	n	1	
4/18/94	12c	b1	1.50	330	16.00	0.0	49.0	n	n	1	
4/18/94	12d	b1	2.00	330	16.00	0.0	49.0	n	n	1	
4/18/94	12e	b1	9.00	330	16.00	78.0	49.0	n	n	1	
4/18/94	A12	b1		100	16.00	0.0	49.0				
4/21/94	B12	b1		100	16.50	78.0	60.0				
5/2/94	12f	b1	0.50	330	16.50	78.0	76.0			1	nf
5/2/94	12g	b1	1.00	330	16.50	78.0	76.0	n	n	1	nf
5/2/94	12h	b1	1.50	330	16.50	78.0	76.0	n	n	1	nf
5/2/94	12i	b1	2.00	330	16.50	75.0	76.0	n	n	1	nf
5/2/94	12j	b1	9.00	330	16.50	75.0	76.0	y	y	1	
5/3/94	12r	b1	1.50	330	17.50	78.0	74.0	y	n	1	
5/3/94	12k	b1	0.50	330	17.00	75.0	76.0	n	n	1	nf
5/3/94	12l	b1	1.00	330	17.00	78.0	75.0	n	n	1	nf
5/3/94	12m	b1	1.50	330	17.00	78.0	75.0	n	n	1	nf
5/3/94	12n	b1	2.00	330	17.00	78.0	75.0	n	n	1	nf
5/3/94	12o	b1	9.00	330	17.00	78.0	75.0	y	y	1	
5/3/94	12p	b1	0.50	330	17.50	78.0	74.0	n	n	1	nf
5/3/94	12q	b1	1.00	330	17.50	78.0	74.0	n	n	1	nf
5/3/94	12s	b1	2.00	330	17.50	78.0	74.0	y	y	1	
5/3/94	12t	b1	9.00	330	17.50	78.0	74.0	y	y	1	
5/5/94	12u	b1	0.50	330	18.00	77.0	79.0	n	n	1	nf
5/5/94	12v	b1	1.00	330	18.00	78.0	79.0	y	y	1	
5/6/94	12w	b1	1.50	330	18.00	78.0	79.0	y	y	1	
5/6/94	12x	b1	2.00	330	18.00	77.0	57.0	y	y	1	
5/6/94	12y	b1	9.00	330	18.00	77.0	57.0	y	y	1	
5/6/94	12z	b1	0.50	330	18.50	77.0	52.0	y	y	1	
5/6/94	13a	b1	1.50	330	18.50	78.0	51.0	y	y	1	
5/6/94	13b	b1	2.00	330	18.50	77.0	51.0	y	y	1	
5/6/94	13c	b1	9.00	330	18.50	77.0	51.0	y	y	1	
5/9/94	13d	b1	0.50	330	19.00	75.0	67.0	n	n	1	nf
5/9/94	13e	b1	1.00	330	19.00	77.0	67.0	y	y	1	
5/9/94	13f	b1	1.50	330	19.00	77.0	65.0	y	y	1	
5/9/94	13g	b1	2.00	330	19.00	77.0	63.0	y	y	1	
5/9/94	13h	b1	9.00	330	19.00	77.0	62.0	y	y	1	
5/11/94	13i	b1	0.50	330	19.50	74.0	70.0	n	n	1	nf
5/11/94	13j	b1	1.00	330	19.50	78.0	71.0	y	y	1	
5/11/94	13k	b1	1.50	330	19.50	78.0	71.0	y	y	1	
5/11/94	13l	b1	2.00	330	19.50	75.0	69.0	y	y	1	
5/11/94	13m	b1	9.00	330	19.50	75.0	68.0	y	y	1	

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
5/11/94	13n	b1	0.50	330	20.00	78.0	68.0	y	y	1	
5/11/94	13o	b1	1.00	330	20.00	78.0	67.0	y	y	1	
5/11/94	13p	b1	1.50	330	20.00	77.0	67.0	y	y	1	
5/11/94	13q	b1	2.00	330	20.00	77.0	67.0	y	y	1	
5/11/94	13r	b1	9.00	330	20.00	77.0	67.0	y	y	1	
5/13/94	13s	b1	9.00	330	20.50	76.0	73.0	y	y	1	
5/13/94	13t	b1	2.00	330	20.50	76.0	72.0	y	y	1	
5/13/94	13u	b1	1.50	330	20.50	76.0	71.0	y	y	1	
5/13/94	13v	b1	1.00	330	20.50	79.0	71.0	y	y	1	sf
5/13/94	13w	b1	0.50	330	20.50	77.0	69.0	y	y	1	
5/13/94	13x	b1	9.00	330	21.00	78.0	69.0	y	y	1	
5/13/94	13y	b1	2.00	330	21.00	78.0	69.0	y	y	1	
5/13/94	13z	b1	1.50	330	21.00	78.0	64.0	y	y	1	
5/16/94	14a	b1	1.00	330	21.00	78.0	74.0	y	y	1	sf
5/16/94	14b	b1	0.50	330	21.00	78.0	74.0	y	y	1	
5/16/94	14c	b1	9.00	330	21.50	78.0	71.0	y	y	1	
5/16/94	14d	b1	2.00	330	21.50	78.0	71.0	y	n	1	sf
5/16/94	14e	b1	1.50	330	21.50	78.0	71.0	y	n	1	
5/16/94	14f	b1	1.00	330	21.50	78.0	70.0	y	n	1	sf
5/17/94	14g	b1	0.50	330	21.50	78.0	74.0	y	n	1	
5/17/94	14h	b1	9.00	330	22.00	78.0	73.0	y	n	1	
5/17/94	14i	b1	2.00	330	22.00	78.0	72.0	y	n	1	
5/17/94	14j	b1	1.50	330	22.00	78.0	72.0	y	n	1	
5/17/94	14k	b1	1.00	330	22.00	78.0	72.0	y	n	1	
5/17/94	14l	b1	0.50	330	22.00	78.0	72.0	y	n	1	ef
5/17/94	14m	b1	9.00	330	22.50	78.0	71.0	y	n	1	
5/20/94	14n	b1	2.00	330	22.50	78.0	53.0	y	n	1	sf
5/20/94	14o	b1	1.50	330	22.50	78.0	53.0	y	n	1	
5/20/94	14p	b1	1.00	330	22.50	78.0	54.0	y	n	1	
5/20/94	14q	b1	0.50	330	22.50	78.0	54.0	y	n	1	
5/20/94	14r	b1	9.00	330	23.00	78.0	59.0	y	n	1	
5/20/94	14s	b1	2.00	330	23.00	78.0	53.0	y	n	1	sf
5/20/94	14t	b1	1.00	330	23.00	78.0	53.0	y	n	1	sf
5/23/94	14u	b1	0.50	330	23.00	78.0	57.0	y	n	1	ef
5/23/94	14v	b1	9.00	330	23.50	78.0	54.0	y	n	1	
5/23/94	14w	b1	2.00	330	23.50	78.0	53.0	y	n	1	
5/23/94	14x	b1	1.50	330	23.50	78.0	51.0	y	n	1	ef
5/23/94	14y	b1	1.00	330	23.50	78.0	53.0	y	n	1	ef
5/23/94	14z	b1	0.50	330	23.50	78.0	53.0	y	n	1	ef
5/27/94	15a	b1	9.00	330	24.00	78.0	63.0	y	n	1	ef
5/27/94	15b	b1	2.00	330	24.00	78.0	70.0	y	n	1	ef
5/30/94	15c	b1	1.50	330	24.00	78.0	75.0	y	n	1	ef
5/30/94	15d	b1	1.00	330	24.00	78.0	75.0	y	n	1	ef
5/30/94	15e	b1	0.50	330	24.00	78.0	74.0	y	n	1	ef
5/30/94	15f	b1	9.00	330	24.50	78.0	74.0	y	n	1	ef
5/30/94	15g	b1	2.00	330	24.50	78.0	74.0	y	n	1	ef
5/30/94	15h	b1	1.50	330	24.50	78.0	74.0	y	n	1	ef
5/30/94	15i	b1	1.00	330	24.50	78.0	74.0	y	n	1	ef
8/16/94	17d	b1	5.00	330	22.50	73.0	71.0	y			
8/16/94	17e	b1	5.00	330	22.50	73.0	71.0	y			

Data Summary

DATE	EXP	BASE	GATE	MTOT	ANGLE	TEMP	HUMID	CAM	FIBER	QUAL	STATE
8/17/94	17f	b1	5.00	330	22.00	74.0	68.0	y			
8/17/94	17g	b1	5.00	330	22.00	74.0	68.0	y			
8/18/94	17h	b1	2.00	330	21.50	74.0	71.0	y	n		?
8/18/94	17j	b1	5.00	330	21.00	75.0	61.0	y			
8/18/94	17k	b1	5.00	330	21.00	75.0	69.0	y			
9/8/94	17l	b1	5.00	330	21.00	74.0	68.0		y		
9/9/94	17m	b1		330	23.00	78.0	69.0	n	n		st
9/12/94	17n	b1		330	23.00	74.0	70.0	n	n		st
9/12/94	17o	b1		330	23.00	74.0	67.0	n	n		st
9/12/94	17p	b1		330	23.00	75.0	67.0	n	n		st
9/12/94	17q	b1		330	23.00	75.0	67.0	n	n		st
9/13/94	17r	b1		330	23.00	74.0	68.0	n	n		st
9/13/94	17s	b1		330	23.00	75.0	68.0	n	n		vi
9/13/94	17t	b1	0.00	330	23.00	75.0	67.0	n	n		st
9/14/94	17u	b1		330	23.00	74.0	68.0	n	n		st
9/14/94	17v	b1		330	23.00	74.0	68.0	n	n		st
9/14/94	17w	b1		330	23.00	74.0	68.0	n	n		st
9/14/94	17x	b1		330	23.00	76.0	69.0	n	n		st
9/14/94	17y	b1		330	23.00	76.0	69.0	n	n		st
9/14/94	17z	b1		330	23.00	76.0	68.0	n	n		st
9/14/94	18a	b1		330	23.00	76.0	67.0	n	n		st
9/14/94	18b	b1		330	23.00	76.0	67.0	n	n		st
9/14/94	18c	b1		330	23.00	76.0	67.0	n	n		st
9/14/94	18d	b1	0.00	330	23.00	76.0	67.0				
9/25/94		b1	5.00	330	23.00	74.0	62.0	y			
10/6/94	18k	b1	5.00	350	24.00	75.0	62.0	y			
10/6/94	18l	b1	5.00	350	26.00	75.0	64.0				
10/7/94	18m	b1	5.00	350	27.40	76.0	67.0	y			
10/7/94	18n	b1	5.00	350	27.40	76.0	67.0	y			
10/10/94	18o	b1		350	27.10	78.0	72.0	y			
10/10/94	18p	b1		350	27.10	78.0	72.0	y			
10/10/94		b1	5.00	350	27.40	74.0	70.0	n	n		
10/10/94		b1	5.00	350	24.60	74.0	68.0	n	n		
10/11/94		b1		350	27.10	77.0	72.0				
10/14/94	18q	b1	5.00	350	27.40	76.0	72.0		y		
10/25/94	18s	b1	5.00	350	24.00	74.0	67.0		y		
10/26/94	18t	b1	5.00	350	27.10	75.0	64.0		y		

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
1/19/93	00b	0.88	0.80	0.68	0.55	0.63	0.65	1.100	0.785	0.650	0.565	0.475	0.430
1/19/93	00c	1.58	1.28	1.13	0.95	0.93	0.83	1.610	1.290	1.200	0.850	0.750	0.680
1/19/93	00d	2.15	1.83	1.60	1.38	1.23	1.18	2.625	2.125	1.773	1.565	1.315	1.242
1/19/93	00e	2.75	2.15	2.08	1.93	1.85	1.70	2.705	2.435	2.070	1.905	1.725	1.680
1/19/93	00f	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
1/21/93	00g	0.50	0.50	0.58	0.60	0.70	0.80	0.304	0.239	0.192	0.179	0.154	0.152
1/21/93	00h	0.44	0.47	0.70	0.72	0.71	0.77	0.285	0.190	0.160	0.137	0.077	0.167
1/25/93	00i	2.66	2.29	2.20	2.07	1.99	1.86	2.705	2.435	2.070	1.905	1.725	1.680
1/27/93	00j	2.18	1.83	1.57	1.38	1.24	1.15	2.318	1.887	1.610	1.408	1.312	1.162
1/29/93	00k	1.57	1.28	1.09	0.97	0.90	0.80	1.610	1.290	1.200	0.850	0.750	0.680
1/31/93	00l	0.56	0.56	0.63	0.67	0.75	0.79	0.303	0.226	0.181	0.169	0.151	0.149
1/31/93	00m	0.88	0.79	0.68	0.64	0.62	0.61	0.960	0.723	0.582	0.510	0.465	0.423
2/10/93	00n	0.50	0.55	0.58	0.67	0.73	0.75	0.325	0.272	0.221	0.207	0.179	0.176
2/10/93	00o	0.50	0.54	0.59	0.64	0.72	0.74	0.324	0.271	0.220	0.201	0.176	0.170
2/11/93	00p	1.55	1.08	0.85	0.77	0.71	0.64	1.310	1.026	0.785	0.687	0.656	0.523
2/11/93	00q	1.55	1.08	0.85	0.77	0.70	0.65	1.292	1.031	0.785	0.723	0.620	0.543
2/11/93	00r	2.53	1.61	0.89	0.70	0.69	0.63	2.430	2.230	1.759	1.595	1.387	1.228
2/12/93	00s	3.13	1.69	0.94	0.73	0.63	0.55	3.133	2.913	2.373	2.203	1.943	1.758
2/12/93	00t	2.02	1.94	1.80	1.72	1.65	1.52	3.080	3.130	2.773	2.728	2.618	2.460
2/12/93	00u	1.80	2.11	1.95	1.92	1.83	1.70	3.080	3.130	2.773	2.728	2.618	2.460
2/23/93	00v	4.60	4.40	4.40	4.40	4.40	4.40	4.510	4.176	3.826	3.883	4.207	3.923
2/24/93	00w	1.50	1.45	1.40	1.40	1.40	1.40	1.075	1.060	1.000	1.095	1.140	1.037
2/24/93	00x	2.30	2.30	2.30	2.30	2.30	2.30	1.795	1.690	1.545	1.570	1.610	1.500
2/24/93	00y	2.95	3.00	3.00	3.00	3.00	3.00	2.465	2.375	2.260	2.240	2.325	2.170
2/24/93	00z	3.30	3.60	3.60	3.70	3.70	3.70	3.030	2.940	2.750	2.775	2.885	2.675
3/2/93	01a	4.75	9.00	13.00	18.50	23.00	23.50	0.338	0.235	0.187	0.176	0.174	0.159
3/2/93	01b	2.90	3.65	5.40	9.00	10.75	13.25	1.420	1.000	0.740	0.640	0.610	0.520
3/2/93	01c	3.30	3.50	3.65	3.90	5.10	6.90	2.250	1.960	1.580	1.320	1.200	0.980
3/2/93	01d	3.45	3.80	4.00	4.70	4.85	4.85	2.900	2.640	2.260	2.100	1.980	1.670
3/2/93	01e	4.20	4.80	4.80	4.80	4.90	5.00	4.560	4.380	3.900	3.820	3.980	3.600
3/2/93	01g	3.55	4.70	5.60	7.75	8.80	10.50	1.580	1.280	1.050	0.940	0.910	0.800
3/3/93	01h	4.20	4.20	4.45	4.95	5.20	5.75	2.520	2.310	2.000	1.855	1.770	1.510
3/3/93	01f	7.00	9.75	13.00	15.50	18.75	20.50	0.420	0.385	0.328	0.318	0.329	0.280
3/4/93	01k	3.35	3.45	3.45	3.45	3.45	3.45	3.100	2.890	2.880	3.120	3.310	2.940
3/9/93	01i	2.25	2.25	2.35	2.35	2.35	2.35	1.940	1.870	1.975	1.770	1.680	2.050
3/9/93	01j	2.65	2.90	2.90	2.90	2.90	2.90	2.390	2.590	2.400	2.220	2.610	2.440
3/9/93	01l	4.45	4.45	0.00	4.45	0.00	4.55	4.970	4.280	3.800	4.020	4.040	4.340
3/9/93	01m	6.30	7.50	8.05	8.65	9.90	11.40	0.490	0.420	0.380	0.380	0.410	0.340
3/9/93	01n	3.20	2.75	2.55	2.55	2.55	2.55	2.060	2.240	1.960	1.940	2.660	1.960
3/9/93	01o	4.00	4.00	4.00	4.00	4.00	4.00	3.240	3.220	2.580	2.780	2.880	3.260
3/15/93	01p	6.20	10.25	16.50	24.50	26.00	27.50	0.254	0.186	0.164	0.140	0.146	0.135
3/15/93	01q	2.75	4.50	7.00	9.00	12.25	15.50	1.120	0.710	0.550	0.510	0.480	0.440
3/15/93	01r	3.35	3.65	4.05	6.35	7.50	9.00	2.000	1.600	1.190	1.000	0.920	0.790
3/15/93	01s	3.30	3.45	3.45	3.85	4.65	5.50	2.900	2.400	1.940	1.720	1.580	1.270
3/15/93	01t	4.30	4.30	4.30	4.30	4.40	4.40	3.940	3.620	3.220	3.180	3.140	2.880
3/15/93	01u	6.85	9.40	15.10	16.30	18.00	21.00	0.440	0.387	0.326	0.313	0.316	0.260
3/15/93	01v	3.70	4.30	5.15	6.65	8.25	10.25	1.520	1.180	0.900	0.800	0.760	0.680
3/15/93	01w	3.95	4.30	4.50	5.35	6.20	7.25	2.040	1.760	1.420	1.280	1.200	1.140
3/18/93	01x	3.10	3.00	2.80	3.00	3.00	2.90	3.500	3.140	2.890	2.880	3.150	2.650
3/18/93	01y	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
3/18/93	01z	4.50	3.40	3.20	3.40	3.40	3.30	4.920	3.900	3.510	3.480	3.660	3.140
3/18/93	02a	3.00	2.80	3.00	3.00	3.00	3.00	3.220	3.305	3.340	3.160	3.080	2.440
3/18/93	02b	3.20	3.10	3.00	3.30	3.30	3.00	3.810	3.420	3.160	3.290	3.600	3.210
3/18/93	02c	5.80	4.40	4.00	4.00	4.00	4.00	6.680	5.240	4.690	4.440	4.760	4.490
3/18/93	02d	4.30	4.00	3.60	3.60	3.60	3.60	5.160	4.500	3.880	3.920	4.140	3.620
3/19/93	02e	5.80	4.50	4.30	4.30	4.20	4.00	6.400	5.100	4.520	4.420	4.840	4.300
3/22/93	02f	10.00	16.75	23.00	30.00	34.00	37.50	0.400	0.329	0.272	0.255	0.265	0.246
3/22/93	02g	4.65	9.75	13.75	18.00	26.25	29.50	1.060	0.800	0.650	0.600	0.590	0.520
3/22/93	02h	4.40	5.10	6.35	8.10	13.00	16.00	1.740	1.400	1.130	1.025	1.020	0.910
3/22/93	02i	10.25	19.50	25.50	32.00	39.00	43.50	0.217	0.173	0.143	0.142	0.149	0.132
3/22/93	09z	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
3/23/93	02j	6.00	11.50	13.75	24.00	29.50	32.50	0.620	0.490	0.390	0.370	0.370	0.340
3/23/93	02k	3.45	6.85	9.25	13.50	16.50	26.50	1.180	0.910	0.740	0.670	0.680	0.600
3/23/93	02l	3.65	4.40	5.55	9.60	12.80	18.15	1.870	1.450	1.120	1.010	1.010	0.910
3/23/93	02m	4.25	4.50	5.35	6.30	7.00	7.70	2.485	2.033	1.650	1.530	1.500	1.335
3/24/93	02n	10.25	15.25	22.25	28.75	37.50	38.00	0.350	0.287	0.238	0.227	0.237	0.209
3/24/93	02o	4.55	8.90	11.50	16.00	21.50	26.75	0.880	0.700	0.590	0.550	0.550	0.490
3/24/93	02p	4.15	4.65	5.95	7.15	9.70	13.75	1.890	1.510	1.220	1.130	1.120	0.960
3/24/93	02q	9.50	17.25	26.50	32.50	37.00	37.50	0.244	0.186	0.152	0.147	0.154	0.136
3/24/93	02r	5.15	8.80	15.10	21.00	30.75	28.75	0.760	0.550	0.450	0.410	0.420	0.400
3/24/93	02s	3.50	5.50	8.35	12.00	15.60	20.10	1.390	1.030	0.830	0.760	0.750	0.660
3/24/93	02t	3.55	4.05	4.65	7.25	9.90	12.50	2.140	1.620	1.280	1.130	1.120	0.960
3/24/93	02u	4.25	4.65	4.65	5.80	6.90	6.90	3.000	2.520	2.040	1.880	1.840	1.560
3/24/93	02v	7.80	19.15	24.00	30.50	38.50	40.00	0.239	0.185	0.152	0.145	0.143	0.128
3/24/93	02w	4.75	8.10	15.60	22.25	33.50	40.00	0.710	0.540	0.450	0.410	0.410	0.373
3/25/93	02x	3.65	5.90	8.90	11.35	14.50	18.75	1.340	1.000	0.820	0.740	0.740	0.620
3/25/93	02y	3.35	4.45	4.95	7.15	10.00	13.20	2.080	1.550	1.220	1.060	1.050	0.920
3/25/93	02z	4.15	4.55	5.05	6.40	6.65	7.00	2.840	2.340	1.910	1.740	1.690	1.440
3/25/93	03a	10.20	16.25	23.20	31.00	36.00	39.50	0.364	0.278	0.237	0.220	0.224	0.220
3/25/93	03b	5.55	9.80	14.00	19.50	27.50	33.00	0.820	0.680	0.580	0.520	0.540	0.440
3/25/93	03c	3.95	4.80	5.95	8.40	11.15	12.15	1.950	1.530	1.240	1.140	1.140	1.000
3/25/93	03d	7.75	13.45	16.60	24.75	34.25	34.75	0.205	0.150	0.115	0.110	0.105	0.095
3/25/93	03e	3.80	8.30	10.70	15.15	19.25	24.40	0.807	0.545	0.440	0.405	0.400	0.353
3/25/93	03f	3.00	4.00	5.05	8.25	10.00	12.25	1.567	1.110	0.847	0.750	0.740	0.640
3/25/93	03g	3.30	3.85	4.00	5.60	6.80	7.90	2.340	1.817	1.371	1.193	1.130	0.967
3/25/93	03h	3.95	4.00	4.35	4.80	5.30	5.30	3.295	2.880	2.385	2.170	2.087	1.775
3/26/93	03i	8.75	13.90	17.80	23.50	30.50	36.00	0.340	0.280	0.233	0.230	0.235	0.215
3/26/93	03j	5.00	8.25	9.45	12.75	14.35	19.50	0.860	0.705	0.580	0.560	0.560	0.515
3/26/93	03k	3.85	4.40	4.70	6.30	8.45	10.00	1.970	1.595	1.285	1.170	1.155	1.025
3/26/93	03l	5.60	9.80	14.90	18.50	22.00	27.00	0.245	0.177	0.143	0.130	0.125	0.115
3/26/93	03m	2.60	3.70	5.35	7.50	9.10	13.25	1.230	0.785	0.560	0.485	0.477	0.420
3/26/93	03n	3.00	3.25	3.55	4.10	4.50	5.80	2.065	1.750	1.345	1.120	0.990	0.835
3/26/93	03o	3.10	3.25	3.63	3.95	4.25	4.35	2.645	2.420	2.105	2.005	1.880	1.555
3/26/93	03p	4.10	4.20	4.20	4.40	4.40	4.40	3.955	3.790	3.430	3.415	3.440	3.170
3/26/93	03q	6.80	11.45	14.25	19.00	19.00	22.00	0.325	0.280	0.230	0.225	0.225	0.205
3/26/93	03r	3.65	5.15	7.20	9.50	12.10	14.20	0.990	0.790	0.630	0.595	0.587	0.523
3/26/93	03s	3.55	3.60	3.60	3.80	4.30	4.85	2.255	2.075	1.755	1.630	1.640	1.285
3/29/93	03t	4.60	5.20	7.25	7.25	7.80	8.40	0.420	0.365	0.305	0.295	0.300	0.260
3/29/93	03u	2.50	2.30	2.30	2.30	2.30	2.30	2.165	2.135	2.095	2.560	1.825	2.210
3/29/93	03v	3.30	3.00	3.00	3.00	3.00	3.00	2.715	2.670	2.710	2.360	2.730	3.150

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
3/29/93	03w	1.40	1.50	1.50	1.50	1.50	1.50	0.000	0.000	0.000	0.000	0.000	0.000
3/29/93	03x	2.15	2.15	2.15	2.15	2.15	2.15	1.785	1.860	1.675	2.180	1.780	1.505
3/29/93	03y	2.45	2.50	2.50	2.50	2.50	2.50	2.485	2.105	1.960	2.510	2.535	1.915
3/29/93	03z	3.00	3.00	3.00	3.00	3.00	3.00	3.150	2.555	2.545	2.545	2.415	2.600
3/29/93	04a	4.20	4.20	4.20	4.20	4.20	4.20	4.780	4.070	3.420	3.675	4.095	3.517
3/30/93	04b	2.20	2.10	2.30	2.50	2.50	2.50	2.315	2.430	2.410	2.495	2.420	2.030
3/30/93	04c	2.50	2.60	2.60	2.70	2.70	2.70	2.840	2.860	2.695	2.825	2.660	2.590
3/30/93	04d	3.30	2.90	2.90	3.10	3.10	3.10	3.570	3.160	3.030	3.060	3.375	3.060
3/30/93	04e	5.30	4.30	4.20	4.20	4.10	4.00	5.910	4.995	4.385	4.260	4.560	4.015
3/30/93	04f	2.50	2.10	2.40	2.50	2.50	2.50	2.525	2.510	2.405	2.505	2.705	2.390
3/30/93	04g	2.80	2.70	2.70	2.90	2.90	2.90	3.050	2.995	2.790	2.950	3.255	2.800
3/30/93	04h	3.20	3.30	3.30	3.30	3.30	3.30	3.480	3.605	3.460	3.385	3.685	3.595
3/30/93	04i	5.50	4.60	4.10	4.20	4.30	4.30	6.970	5.420	4.515	4.480	4.915	4.675
3/30/93	04j	6.00	4.30	4.00	4.00	4.00	4.00	6.220	4.790	4.375	4.595	5.120	4.600
4/1/93	04n	3.00	3.00	3.00	3.00	3.00	3.00	3.290	2.940	2.605	3.020	3.345	2.870
4/1/93	04k	3.10	3.20	3.30	3.50	3.50	3.50	2.815	2.925	2.555	2.750	2.907	2.643
4/1/93	04l	4.10	4.10	4.20	4.40	4.60	4.60	3.225	3.925	3.475	3.735	4.130	3.770
4/1/93	04m	3.50	3.50	3.50	3.50	3.50	3.50	3.630	2.683	2.485	2.615	2.765	2.585
4/1/93	04o	4.70	4.00	3.80	3.80	3.80	3.90	5.520	4.625	3.785	3.810	3.805	3.775
4/1/93	04p	3.20	3.20	3.20	3.20	3.20	3.20	2.940	3.005	2.885	3.185	3.470	3.305
4/1/93	04q	4.50	3.30	3.30	3.30	3.30	3.30	4.910	4.330	4.190	4.217	4.285	4.165
4/2/93	04r	4.00	4.35	4.75	5.50	6.75	7.75	2.620	2.260	1.815	1.665	1.630	1.345
4/5/93	04s	0.00	0.00	0.00	0.00	0.00	0.00	1.320	0.900	0.720	0.000	0.000	0.590
4/5/93	04t	0.00	0.00	0.00	0.00	0.00	0.00	0.765	0.570	0.465	0.440	0.445	0.390
4/5/93	04u	0.00	0.00	0.00	0.00	0.00	0.00	1.875	1.530	0.000	1.090	0.000	0.905
4/5/93	04v	0.00	0.00	0.00	15.00	0.00	25.00	0.345	0.000	0.000	0.000	0.000	0.145
4/5/93	04w	0.00	0.00	3.90	0.00	0.00	6.75	1.160	0.995	0.780	0.705	0.690	0.575
4/5/93	04x	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
4/5/93	04y	2.00	0.00	2.00	0.00	2.10	2.10	2.060	2.225	2.150	2.130	2.355	2.130
4/5/93	04z	2.50	0.00	2.60	2.70	2.70	2.80	2.615	2.605	2.395	2.375	2.585	2.350
4/5/93	05a	2.50	2.40	2.40	2.40	2.40	2.40	2.325	2.395	2.285	2.415	2.630	2.295
4/5/93	05b	0.00	0.00	0.00	0.00	0.00	0.00	3.510	2.990	2.435	2.700	3.255	3.005
4/7/93	05c	4.10	0.00	0.00	0.00	4.10	0.00	3.655	3.687	3.435	3.375	3.340	2.985
4/7/93	05d	6.90	0.00	10.00	0.00	14.00	22.50	0.310	0.250	0.200	0.200	0.200	0.215
4/7/93	05e	3.80	4.30	5.90	6.50	9.25	10.75	0.880	0.735	0.623	0.585	0.595	0.520
4/7/93	05f	3.40	0.00	3.30	0.00	4.75	5.25	2.290	2.105	1.770	1.625	1.565	1.310
4/12/93	05g	3.15	2.80	3.00	3.00	3.00	3.00	3.355	3.030	2.805	2.895	3.115	2.900
4/12/93	05h	4.90	4.10	4.00	4.00	4.00	4.00	0.000	0.000	0.000	0.000	0.000	0.000
6/14/93	05n	5.25	4.45	3.90	3.90	3.95	4.05	5.620	4.570	3.770	3.700	3.980	3.585
6/14/93	05o	3.20	3.80	3.80	2.90	2.90	3.15	3.505	2.925	2.610	2.950	3.315	3.020
6/14/93	05p	2.70	2.90	2.80	2.80	2.90	3.10	3.265	2.640	2.490	2.570	2.975	2.580
6/14/93	05q	0.00	0.00	0.00	0.00	0.00	0.00	3.340	2.673	2.420	2.605	2.710	2.525
6/14/93	05r	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
6/14/93	05s	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
6/15/93	05t	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
6/15/93	05u	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
6/16/93	05v	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
6/17/93	05w	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
6/17/93	05x	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
6/17/93	05y	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
6/17/93	05z	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
6/28/93	06a	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
7/1/93	06b	0.00	0.00	0.00	4.25	4.25	4.25	0.000	0.000	0.000	0.000	0.000	0.000
7/1/93	06c	0.00	0.00	0.00	4.35	4.35	4.35	0.000	0.000	0.000	0.000	0.000	0.000
7/1/93	06d	0.00	0.00	0.00	4.15	4.15	4.15	0.000	0.000	0.000	0.000	0.000	0.000
7/1/93	06e	0.00	0.00	0.00	4.30	4.30	4.30	0.000	0.000	0.000	0.000	0.000	0.000
7/6/93	06f	0.00	0.00	2.35	2.35	2.35	2.35	0.000	0.000	0.000	0.000	0.000	0.000
7/6/93	06h	0.00	0.00	0.00	3.40	3.40	3.40	0.000	0.000	0.000	0.000	0.000	0.000
7/8/93	06g	0.00	0.00	0.00	2.30	2.35	2.35	0.000	0.000	0.000	0.000	0.000	0.000
7/8/93	06i	0.00	0.00	0.00	3.00	3.00	3.00	0.000	0.000	0.000	0.000	0.000	0.000
7/8/93	06j	0.00	0.00	0.00	4.20	4.20	4.20	0.000	0.000	0.000	0.000	0.000	0.000
7/8/93	06k	0.00	0.00	0.00	3.80	3.80	3.80	0.000	0.000	0.000	0.000	0.000	0.000
7/8/93	06l	0.00	0.00	0.00	4.30	4.30	4.30	0.000	0.000	0.000	0.000	0.000	0.000
7/8/93	06m	0.00	0.00	0.00	3.70	3.70	3.70	0.000	0.000	0.000	0.000	0.000	0.000
7/8/93	06n	0.00	0.00	0.00	4.30	4.30	4.30	0.000	0.000	0.000	0.000	0.000	0.000
7/8/93	06o	0.00	0.00	0.00	3.20	3.20	3.20	0.000	0.000	0.000	0.000	0.000	0.000
7/12/93	06p	0.00	0.00	0.00	4.00	4.00	4.00	0.000	0.000	0.000	0.000	0.000	0.000
7/12/93	06q	0.00	0.00	0.00	3.00	3.00	3.00	0.000	0.000	0.000	0.000	0.000	0.000
7/12/93	06r	0.00	0.00	0.00	4.00	4.00	4.00	0.000	0.000	0.000	0.000	0.000	0.000
7/12/93	06s	0.00	0.00	0.00	3.00	3.00	3.00	0.000	0.000	0.000	0.000	0.000	0.000
7/12/93	06t	0.00	0.00	0.00	4.00	4.00	4.00	0.000	0.000	0.000	0.000	0.000	0.000
7/12/93	06u	0.00	0.00	0.00	3.00	3.00	3.00	0.000	0.000	0.000	0.000	0.000	0.000
7/12/93	06v	0.00	0.00	0.00	3.90	3.90	3.90	0.000	0.000	0.000	0.000	0.000	0.000
7/13/93	06w	0.00	0.00	0.00	3.10	3.10	3.10	0.000	0.000	0.000	0.000	0.000	0.000
7/13/93	06x	0.00	0.00	0.00	3.85	3.85	3.85	0.000	0.000	0.000	0.000	0.000	0.000
7/13/93	06y	0.00	0.00	0.00	3.25	3.25	3.20	0.000	0.000	0.000	0.000	0.000	0.000
7/13/93	06z	0.00	0.00	0.00	3.70	3.70	3.70	0.000	0.000	0.000	0.000	0.000	0.000
7/17/93	07a	0.00	0.00	0.00	3.20	3.20	3.20	0.000	0.000	0.000	0.000	0.000	0.000
7/17/93	07b	0.00	0.00	0.00	3.70	3.70	3.70	0.000	0.000	0.000	0.000	0.000	0.000
7/17/93	07c	0.00	0.00	0.00	2.90	2.90	2.90	0.000	0.000	0.000	0.000	0.000	0.000
7/19/93	07d	0.00	0.00	0.00	3.70	3.70	3.70	0.000	0.000	0.000	0.000	0.000	0.000
7/19/93	07e	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
7/19/93	07f	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
7/19/93	07g	0.00	0.00	0.00	3.10	3.10	3.10	0.000	0.000	0.000	0.000	0.000	0.000
7/19/93	07h	0.00	0.00	0.00	3.90	3.90	3.90	0.000	0.000	0.000	0.000	0.000	0.000
7/20/93	07i	0.00	0.00	0.00	3.40	3.40	3.40	0.000	0.000	0.000	0.000	0.000	0.000
7/20/93	07j	0.00	0.00	0.00	3.80	3.80	3.80	0.000	0.000	0.000	0.000	0.000	0.000
7/20/93	07k	0.00	0.00	0.00	3.00	3.00	3.00	0.000	0.000	0.000	0.000	0.000	0.000
7/20/93	07l	0.00	0.00	0.00	4.20	4.00	4.20	0.000	0.000	0.000	0.000	0.000	0.000
7/20/93	07m	0.00	0.00	0.00	3.00	3.00	3.00	0.000	0.000	0.000	0.000	0.000	0.000
7/20/93	07n	0.00	0.00	0.00	3.80	3.80	3.80	0.000	0.000	0.000	0.000	0.000	0.000
7/28/93	07o	0.00	0.00	0.00	4.30	4.30	4.30	0.000	0.000	0.000	0.000	0.000	0.000
7/28/93	07p	0.00	0.00	0.00	4.20	4.20	4.20	0.000	0.000	0.000	0.000	0.000	0.000
7/28/93	07q	0.00	0.00	0.00	4.40	4.40	4.40	0.000	0.000	0.000	0.000	0.000	0.000
7/29/93	07r	0.00	0.00	0.00	2.70	2.70	2.70	0.000	0.000	0.000	0.000	0.000	0.000
7/29/93	07s	0.00	0.00	0.00	4.10	4.10	4.10	0.000	0.000	0.000	0.000	0.000	0.000
7/29/93	07t	0.00	0.00	0.00	3.60	3.60	3.60	0.000	0.000	0.000	0.000	0.000	0.000
8/4/93	07u	0.00	0.00	0.00	2.80	2.80	2.80	0.000	0.000	0.000	0.000	0.000	0.000
8/4/93	07v	0.00	0.00	0.00	3.95	3.85	3.85	0.000	0.000	0.000	0.000	0.000	0.000
8/5/93	07w	0.00	0.00	0.00	3.90	3.90	3.90	0.000	0.000	0.000	0.000	0.000	0.000

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
8/5/93	07x	0.00	0.00	0.00	4.20	4.20	4.20	0.000	0.000	0.000	0.000	0.000	0.000
8/5/93	07y	0.00	0.00	0.00	3.90	3.90	3.90	0.000	0.000	0.000	0.000	0.000	0.000
8/12/93	07z	0.00	0.00	0.00	4.20	4.30	4.30	0.000	0.000	0.000	0.000	0.000	0.000
8/12/93	08a	0.00	0.00	0.00	2.80	2.80	2.80	0.000	0.000	0.000	0.000	0.000	0.000
8/12/93	08b	0.00	0.00	0.00	3.70	3.70	3.70	0.000	0.000	0.000	0.000	0.000	0.000
8/17/93	08c	3.40	3.05	2.95	3.40	3.15	3.00	3.635	3.180	2.920	3.270	3.420	2.945
8/17/93	08d	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
8/17/93	08e	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
8/17/93	08f	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
8/17/93	08g	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
8/17/93	08h	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
8/17/93	08i	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
8/17/93	08j	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
8/31/93	08k	2.90	2.80	2.80	2.80	2.80	2.80	3.170	2.710	2.540	2.855	3.195	2.835
9/1/93	08l	3.35	2.90	2.95	3.05	3.05	3.05	3.607	2.710	2.805	2.767	3.015	3.045
9/1/93	08m	3.05	2.80	2.80	2.90	3.05	3.05	3.065	2.650	2.560	2.840	3.145	2.720
9/1/93	08n	3.30	2.90	2.90	3.05	3.05	3.05	3.590	2.840	2.570	2.870	3.300	2.810
9/2/93	08o	3.20	2.85	2.85	2.90	3.00	3.05	3.335	2.700	2.505	2.900	2.977	2.660
9/2/93	08p	2.90	2.75	2.75	2.80	2.85	2.95	2.985	2.640	2.425	2.660	2.770	2.460
9/2/93	08q	3.10	2.85	2.95	3.05	3.05	2.95	3.560	2.845	2.460	2.495	2.790	2.525
9/2/93	08r	2.80	2.60	2.60	2.60	2.75	2.85	3.110	2.565	2.405	2.655	2.920	2.630
9/6/93	08s	3.10	2.80	3.05	2.80	2.75	2.80	3.290	2.780	2.375	2.643	2.980	2.310
9/6/93	08t	2.70	2.55	2.65	2.60	2.65	2.45	2.683	2.340	2.255	2.370	2.630	2.370
9/6/93	08u	3.10	2.75	2.85	2.75	2.70	2.70	3.000	2.595	2.535	2.655	3.085	2.745
9/6/93	08v	2.70	2.55	2.60	2.65	2.70	2.55	2.675	2.410	2.365	2.325	2.985	2.335
9/6/93	08w	2.95	2.80	2.85	2.75	2.80	2.80	3.050	2.650	2.450	2.880	2.600	2.490
9/6/93	08x	2.85	2.70	2.70	2.70	2.70	2.70	2.655	2.550	2.275	2.460	2.375	2.200
9/7/93	08y	2.90	2.95	2.80	2.90	2.80	3.15	3.125	2.600	2.380	2.640	2.970	2.685
9/7/93	08z	2.75	2.65	2.70	2.75	2.75	2.75	2.565	2.380	2.155	2.695	2.850	2.235
9/7/93	09a	2.85	2.95	3.00	3.00	3.20	3.20	2.915	2.535	2.510	2.525	2.885	2.640
9/7/93	09b	2.70	2.85	2.75	2.70	2.70	2.65	2.530	2.465	2.215	2.305	2.610	2.265
9/7/93	09c	3.15	2.90	3.00	3.05	3.05	2.90	3.540	2.975	2.660	2.960	3.300	2.915
9/7/93	09d	2.85	2.75	2.70	2.95	2.85	2.80	2.975	2.730	2.415	2.800	3.090	2.500
9/8/93	09e	3.15	2.90	2.85	2.90	2.95	2.90	3.380	2.645	2.705	3.000	3.200	2.680
9/8/93	09f	2.80	2.70	2.65	2.80	2.85	2.65	3.010	2.955	2.895	2.745	3.100	2.695
9/13/93	09g	2.95	3.00	3.10	3.35	3.40	3.25	2.960	2.635	2.665	2.695	2.945	2.700
9/13/93	09g	2.95	3.00	3.10	3.35	3.40	3.25	2.960	2.635	2.665	2.695	2.945	2.700
9/13/93	09h	2.75	3.00	2.85	3.25	3.30	2.75	2.450	2.455	2.100	2.725	2.905	2.210
9/14/93	09i	3.00	3.10	3.10	3.10	3.10	3.10	2.715	2.845	2.600	2.545	2.730	2.585
9/14/93	09i	3.00	3.20	3.20	3.25	3.25	3.30	2.740	2.690	2.500	2.565	2.795	2.655
9/14/93	09j	2.80	3.00	2.90	2.95	2.80	2.90	2.360	2.415	2.380	2.385	2.560	2.390
9/14/93	09k	3.00	3.00	3.15	3.10	3.05	3.05	2.770	2.615	2.460	2.535	2.715	2.585
9/14/93	09l	2.90	2.80	2.90	2.95	2.90	3.05	2.345	2.485	2.285	2.290	2.415	2.260
9/14/93	09m	2.95	3.05	3.00	3.05	3.00	3.05	2.620	2.595	2.490	2.490	2.525	2.320
9/15/93	09n	3.00	3.10	3.10	3.20	3.30	3.30	2.448	2.338	2.108	2.140	2.193	2.015
9/17/93	09o	3.10	3.30	3.40	3.40	3.40	3.40	2.755	2.520	2.385	2.495	2.580	2.350
9/17/93	09p	3.10	3.30	3.40	3.40	3.40	3.40	2.670	2.700	2.445	2.490	2.605	2.310
9/17/93	09q	3.10	3.30	3.40	3.40	3.40	3.40	2.635	2.600	2.470	2.475	2.640	2.375
9/20/93	09r	3.00	3.15	3.20	3.05	3.10	3.35	2.760	2.570	2.420	2.455	2.765	2.415
9/20/93	09s	3.10	3.10	0.00	0.00	0.00	0.00	2.645	2.665	2.430	2.475	2.810	2.420

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
9/20/93	09t	3.10	3.20	3.05	3.30	3.20	3.15	2.645	2.590	2.450	2.525	2.625	2.350
9/20/93	09u	2.95	3.00	3.00	3.10	3.00	3.05	2.549	2.715	2.450	0.000	2.760	2.400
9/21/93	09v	3.05	3.10	3.15	3.05	3.15	3.25	2.765	2.665	2.330	2.355	2.625	2.285
9/21/93	09w	3.15	3.25	3.15	3.25	3.20	3.10	2.635	2.580	2.365	2.480	2.875	2.375
9/21/93	09x	3.05	3.05	3.15	3.15	3.05	3.30	2.680	2.725	2.310	2.400	2.955	2.340
9/22/93	09y	3.05	3.00	3.20	3.30	3.25	3.25	0.000	0.000	0.000	0.000	0.000	0.000
9/22/93	10a	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/22/93	10b	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/22/93	10c	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/23/93	10d	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/23/93	10e	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/23/93	10f	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/23/93	10g	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/23/93	10h	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/23/93	10i	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/24/93	10j	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/24/93	10k	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/24/93	10l	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
9/24/93	10m	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
10/6/93	10n	3.20	3.35	3.35	3.35	3.35	3.35	2.725	2.660	2.430	2.550	3.005	2.400
10/6/93	10o	3.35	3.35	3.35	3.35	3.30	3.20	2.590	2.700	2.395	2.480	2.945	2.440
10/7/93	10p	3.25	3.30	3.40	3.40	3.40	3.40	2.770	2.745	2.440	2.460	2.775	2.505
10/11/93	10q	3.25	3.30	3.40	3.45	3.45	3.45	2.760	2.770	2.545	2.670	2.800	2.480
10/11/93	10r	3.00	3.05	3.05	3.15	2.90	3.20	2.670	2.670	2.510	2.665	2.950	2.570
10/12/93	10s	2.90	3.25	3.15	3.30	3.20	3.20	2.735	2.630	2.440	2.540	2.840	2.560
10/12/93	10t	3.00	3.05	3.10	3.50	3.00	3.20	2.710	2.565	2.505	2.650	3.040	2.520
10/12/93	10u	3.20	3.40	3.45	3.45	3.45	3.35	2.825	2.565	2.490	3.120	3.695	2.735
10/13/93	10w	3.15	3.35	3.40	3.45	3.20	3.35	2.685	2.720	2.440	2.615	3.095	2.625
10/14/93	10y	3.25	3.55	3.35	3.35	3.45	3.40	2.395	2.635	2.430	2.315	2.660	2.770
10/18/93	10z	3.20	3.00	3.00	3.00	2.95	3.00	3.125	2.605	2.365	2.755	2.865	2.685
10/18/93	11a	3.00	2.80	2.90	3.00	2.90	2.95	3.305	2.855	2.535	2.825	2.575	2.550
10/18/93	11b	2.95	2.90	2.90	2.80	2.90	2.85	3.225	2.650	2.480	2.895	2.955	2.640
10/19/93	11c	3.05	2.90	2.80	2.95	2.85	2.85	3.060	2.740	2.395	2.725	3.035	2.735
10/19/93	11d	3.05	2.95	2.85	2.90	2.85	2.80	3.115	2.620	2.305	2.850	3.345	2.690
10/19/93	11e	2.95	2.90	2.85	2.75	2.75	2.85	3.160	2.735	2.520	2.585	2.660	2.555
10/19/93	11f	2.95	2.90	2.85	2.95	2.80	2.75	3.070	2.660	2.495	2.805	2.795	2.570
10/20/93	11g	3.10	2.95	2.90	2.95	2.85	2.85	3.150	2.570	2.420	2.640	3.195	3.015
10/20/93	11h	3.10	3.00	2.95	2.95	2.90	2.85	3.130	2.730	2.570	2.945	3.150	2.615
10/20/93	11i	3.05	2.85	2.90	3.00	2.90	2.90	3.115	2.650	2.440	3.160	3.650	2.905
10/21/93	11j	3.00	2.90	2.90	2.85	2.85	2.90	2.975	2.735	2.535	2.800	2.755	2.645
10/21/93	11k	3.05	3.00	3.00	3.05	2.90	2.95	3.000	2.540	2.450	2.873	2.985	2.580
10/21/93	11l	3.05	2.90	2.95	2.95	2.85	2.85	3.100	2.565	2.520	2.790	2.830	2.620
10/21/93	11m	3.05	2.90	2.90	3.05	2.90	2.90	3.055	2.765	2.370	3.025	3.180	2.620
10/21/93	11n	3.10	2.90	3.00	3.20	3.10	2.95	3.100	2.720	2.585	3.480	3.640	2.725
10/22/93	11p	3.10	3.00	2.90	2.95	2.90	2.95	3.080	2.575	2.490	2.975	3.130	2.665
10/22/93	11q	3.10	3.00	2.95	3.05	2.75	3.05	3.110	2.705	2.580	2.770	3.035	2.755
10/22/93	11r	3.05	2.90	2.90	3.10	2.90	2.90	2.940	2.705	2.515	3.115	3.680	2.680
10/22/93	11s	3.10	2.85	2.95	3.30	3.25	3.00	2.965	2.555	2.610	3.360	3.980	2.815
10/22/93	11t	3.05	2.85	2.95	2.90	2.85	3.00	3.020	2.710	2.505	2.750	2.870	2.620
10/25/93	11u	3.05	2.90	3.00	2.90	2.90	2.90	3.065	2.645	2.490	2.905	3.120	2.440

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
10/25/93	11v	3.00	2.90	2.90	2.80	2.80	2.85	3.180	2.610	2.615	2.775	3.065	2.820
10/25/93	11w	2.95	2.90	3.05	3.10	2.90	2.90	3.150	2.680	2.470	3.030	3.480	2.730
10/25/93	11x	3.05	2.95	2.90	3.05	3.05	2.90	2.975	2.580	2.630	3.975	3.655	2.910
11/14/93	10x	3.30	3.35	3.45	3.45	3.35	3.45	2.750	2.745	2.325	2.460	2.825	2.510
11/21/93	11o	3.10	3.15	2.90	3.00	3.10	3.00	2.915	2.535	2.590	2.420	2.775	2.930
2/23/94		3.35	3.45	3.60	3.70	3.90	3.95						
2/23/94		3.45	3.60	3.65	3.85	4.25	4.30						
2/23/94		3.35	3.55	3.60	3.75	4.10	4.30						
2/24/94		3.40	3.45	3.60	3.80	4.10	4.30						
4/18/94	12a	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
4/18/94	12b	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
4/18/94	12c	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
4/18/94	12d	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
4/18/94	12e	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
4/18/94	A12	0.00	0.00	0.00	0.00	0.00	0.00						
4/21/94	B12	0.00	0.00	0.00	0.00	0.00	0.00						
5/2/94	12f	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/2/94	12g	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/2/94	12h	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/2/94	12i	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/2/94	12j	3.70	3.50	3.50	3.40	3.40	3.40	5.275	4.915	3.850	4.025	4.310	3.180
5/3/94	12r	3.05	3.10	3.10	3.20	3.00	2.60	3.510	3.700	3.275	3.175	3.140	2.440
5/3/94	12k	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/3/94	12l	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/3/94	12m	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/3/94	12n	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/3/94	12o	3.70	3.50	3.40	3.60	3.40	3.20	4.290	3.955	3.600	3.610	3.675	2.925
5/3/94	12p	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/3/94	12q	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/3/94	12s	3.70	3.45	3.30	3.35	3.45	3.35	4.080	3.945	3.630	3.620	3.680	2.870
5/3/94	12t	3.75	3.60	3.45	3.50	3.45	3.45	4.555	4.430	3.845	4.075	4.255	3.555
5/5/94	12u	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/5/94	12v	2.65	2.70	2.65	2.75	2.65	2.45	3.010	2.940	2.785	2.785	2.895	2.290
5/6/94	12w	2.60	2.50	2.40	2.45	2.40	2.55	2.710	2.505	2.295	2.355	2.593	2.405
5/6/94	12x	3.10	3.00	2.70	2.70	2.70	2.65	3.295	3.235	2.995	2.995	3.170	2.855
5/6/94	12y	4.85	4.00	3.60	3.50	3.40	3.20	5.345	4.345	3.720	3.565	3.690	3.320
5/6/94	12z	2.10	2.25	2.15	2.25	2.25	2.25	2.045	1.995	2.025	2.070	1.990	1.800
5/6/94	13a	2.40	2.50	2.50	2.50	2.55	2.45	2.635	2.540	2.570	2.525	2.585	2.490
5/6/94	13b	3.15	2.95	2.85	2.95	2.85	2.85	3.240	2.935	2.825	2.865	2.965	2.765
5/6/94	13c	4.80	3.90	3.40	3.40	3.35	3.30	5.435	4.175	3.660	3.605	3.475	3.420
5/9/94	13d	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/9/94	13e	2.15	1.95	1.90	1.85	1.85	1.90	1.860	1.655	1.545	1.760	1.755	1.690
5/9/94	13f	2.50	2.40	2.35	2.45	2.35	2.35	2.370	2.185	2.115	2.095	2.080	2.080
5/9/94	13g	2.90	2.80	2.65	2.65	2.60	2.60	3.135	2.760	2.580	2.565	2.525	2.485
5/9/94	13h	4.65	3.90	3.80	3.55	3.55	3.55	5.385	4.255	3.735	3.780	3.525	3.425
5/11/94	13i	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000
5/11/94	13j	1.75	1.90	1.75	1.75	1.70	1.70	1.635	1.500	1.375	1.325	1.575	1.475
5/11/94	13k	2.40	2.40	2.30	2.25	2.05	2.40	2.060	1.865	1.955	1.905	1.820	1.950
5/11/94	13l	3.00	2.95	2.85	2.95	2.95	2.85	2.810	2.490	2.215	2.275	2.345	2.475
5/11/94	13m	4.05	3.90	3.60	3.65	3.70	3.70	4.275	3.915	3.495	3.445	3.435	3.315

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
5/11/94	13n	1.15	1.10	1.25	1.20	1.35	1.25	0.940	0.965	1.155	1.015	1.015	0.850
5/11/94	13o	2.15	2.10	2.15	2.15	2.05	1.95	1.545	1.560	1.485	1.620	1.415	1.375
5/11/94	13p	2.50	2.30	2.30	2.30	2.35	2.45	2.080	2.090	1.825	2.055	1.860	2.210
5/11/94	13q	2.90	2.80	2.85	2.90	2.90	2.85	2.865	2.415	2.255	2.370	2.430	2.415
5/11/94	13r	3.90	3.65	3.60	3.65	3.75	3.65	4.180	3.710	3.435	3.400	3.320	3.245
5/13/94	13s	3.80	3.75	3.80	3.90	4.00	4.05	3.735	3.520	3.370	3.550	3.490	3.460
5/13/94	13t	3.00	3.15	3.10	3.10	3.20	3.10	2.665	2.665	2.435	2.530	2.830	2.745
5/13/94	13u	2.65	2.65	2.65	2.65	2.65	2.60	2.075	2.165	2.070	2.160	2.130	2.065
5/13/94	13v	2.25	2.25	2.25	2.25	2.25	2.15	1.580	1.565	1.650	1.595	1.535	1.555
5/13/94	13w	1.25	1.25	1.25	1.35	1.45	4.00	0.830	0.840	0.750	0.775	0.740	0.680
5/13/94	13x	3.95	3.95	4.05	4.05	4.05	4.15	3.295	3.135	3.055	3.115	3.270	3.135
5/13/94	13y	2.85	2.90	3.00	3.05	3.05	2.95	2.550	2.495	2.385	2.530	2.650	2.260
5/13/94	13z	2.55	2.50	2.50	2.45	2.50	2.50	2.005	2.110	1.885	1.945	2.170	1.990
5/16/94	14a	2.20	2.10	2.10	2.10	2.10	2.10	1.485	1.495	1.400	1.405	1.485	1.465
5/16/94	14b	1.15	1.25	1.35	1.65	4.50	6.25	0.760	0.780	0.635	0.480	0.165	0.110
5/16/94	14c	3.90	4.10	4.10	4.25	4.30	4.30	3.260	3.215	3.140	3.220	3.380	3.375
5/16/94	14d	2.80	3.00	3.05	3.05	3.10	3.00	2.505	2.400	2.365	2.490	2.415	2.365
5/16/94	14e	3.05	3.15	3.25	3.25	2.95	2.95	1.945	2.025	1.895	1.970	1.958	1.920
5/16/94	14f	2.10	2.20	2.20	2.20	2.20	2.15	1.440	1.415	1.315	1.360	1.335	1.345
5/17/94	14g	2.20	4.50	11.50	15.00	21.50	23.50	0.435	0.100	0.098	0.089	0.085	0.834
5/17/94	14h	3.85	4.10	4.10	4.20	4.20	4.20	3.065	3.125	2.870	3.065	3.100	3.045
5/17/94	14i	3.10	3.30	3.30	3.45	3.50	3.55	2.450	2.410	2.205	2.250	2.160	2.070
5/17/94	14j	3.55	3.55	3.50	3.55	3.60	3.70	1.925	1.865	1.560	1.480	1.295	1.125
5/17/94	14k	2.40	2.90	4.25	5.15	6.50	7.25	1.275	0.985	0.690	0.565	0.495	0.460
5/17/94	14l	2.00	5.50	9.50	11.50	15.75	17.00	0.390	0.201	0.158	0.141	0.126	0.121
5/17/94	14m	3.60	3.80	3.80	3.80	3.80	3.80	2.875	3.135	2.845	2.900	2.830	2.865
5/20/94	14n	3.15	3.25	3.20	3.20	3.15	3.15	2.535	2.505	2.340	2.230	2.270	2.440
5/20/94	14o	3.05	3.15	2.65	2.70	2.65	2.60	1.885	1.965	1.845	1.860	1.910	1.970
5/20/94	14p	2.15	2.15	2.10	2.15	2.15	2.00	1.420	1.415	1.325	1.310	1.295	1.335
5/20/94	14q	1.15	1.20	1.25	1.25	1.25	1.25	0.785	0.895	0.825	0.695	0.935	0.775
5/20/94	14r	3.30	3.55	3.60	3.50	3.60	3.65	3.030	3.035	2.845	3.090	3.190	3.095
5/20/94	14s	2.90	3.00	3.00	3.05	3.05	3.00	2.510	2.440	2.295	2.330	2.310	2.290
5/20/94	14t	2.50	2.95	2.70	2.95	2.95	3.05	1.945	1.880	1.745	1.670	1.570	1.505
5/23/94	14u	5.25	8.50	12.25	17.50	20.00	20.75	0.255	0.145	0.115	0.110	0.095	0.085
5/23/94	14v	3.90	3.65	3.65	3.90	4.25	4.25	3.020	2.995	2.840	2.915	2.830	2.760
5/23/94	14w	2.90	3.20	3.30	3.50	3.60	3.85	1.790	1.920	2.095	2.140	2.270	2.460
5/23/94	14x	3.10	3.20	3.75	4.00	4.40	5.00	1.925	1.645	1.395	1.220	1.035	0.900
5/23/94	14y	2.25	3.00	4.25	5.75	6.00	7.25	1.150	0.800	0.580	0.505	0.460	0.425
5/23/94	14z	4.00	5.25	6.50	10.00	20.00	21.50	0.205	0.135	0.100	0.095	0.085	0.075
5/27/94	15a	3.80	3.85	3.85	4.05	4.30	4.75	2.960	2.750	2.480	2.315	2.120	1.955
5/27/94	15b	3.20	3.70	3.90	4.35	5.15	5.50	2.300	1.990	1.640	1.410	1.245	1.130
5/30/94	15c	3.25	3.55	4.75	6.75	7.75	10.25	1.580	1.145	0.895	0.775	0.685	0.635
5/30/94	15d	3.50	4.75	6.50	9.50	16.50	19.50	0.775	0.520	0.420	0.375	0.345	0.325
5/30/94	15e	5.50	9.00	14.50	16.00	17.00	26.00	0.145	0.100	0.075	0.070	0.055	0.055
5/30/94	15f	3.70	4.15	4.15	4.55	5.40	5.75	2.565	2.270	1.950	1.775	1.590	1.465
5/30/94	15g	3.35	3.85	4.25	5.15	6.75	7.00	2.255	1.805	1.440	1.255	1.105	1.010
5/30/94	15h	3.20	4.20	5.40	6.75	9.50	11.75	1.575	1.150	0.920	0.805	0.730	0.685
5/30/94	15i	3.75	6.50	8.25	14.00	16.00	22.00	0.815	0.575	0.475	0.425	0.395	0.370
8/16/94	17d	0.00	0.00	0.00	0.00	0.00	0.00						
8/16/94	17e	0.00	0.00	0.00	0.00	0.00	0.00						

Data Summary

DATE	EXP	AH2	AH3	AH4	AH5	AH6	AH7	S2W	S3W	S4W	S5W	S6W	S7W
8/17/94	17f	0.00	0.00	0.00	0.00	0.00	0.00						
8/17/94	17g	0.00	0.00	0.00	0.00	0.00	0.00						
8/18/94	17h	6.50	8.00	13.25	21.00	25.00	28.00	0.000	0.000	0.000	0.000	0.000	0.000
8/18/94	17j	0.00	0.00	0.00	0.00	0.00	0.00						
8/18/94	17k	0.00	0.00	0.00	0.00	0.00	0.00						
9/8/94	17l	0.00	0.00	0.00	0.00	0.00	0.00						
9/9/94	17m	3.25	3.35	3.35	3.25	3.35	3.35	2.570	2.605	2.490	2.575	2.540	2.535
9/12/94	17n	0.00	0.00	0.00	0.00	0.00	0.00	2.540	2.545	2.505	2.510	2.480	2.490
9/12/94	17o	0.00	0.00	0.00	0.00	0.00	0.00	2.530	2.485	2.435	2.505	2.510	2.565
9/12/94	17p	3.45	3.35	3.35	3.25	3.35	3.35	2.505	2.515	2.465	2.455	0.000	2.525
9/12/94	17q	3.35	3.35	3.35	3.35	3.45	3.35	2.580	2.565	2.485	2.535	2.535	2.580
9/13/94	17r	3.35	3.45	3.35	3.45	3.45	3.45	2.505	2.530	2.460	2.470	2.570	2.500
9/13/94	17s	3.35	3.45	3.35	3.45	3.45	3.35	2.470	2.540	2.435	2.475	2.480	2.460
9/13/94	17t	3.35	3.45	3.45	3.35	3.45	3.45	2.485	2.485	2.480	2.505	2.470	2.505
9/14/94	17u	3.45	3.45	3.45	3.45	3.45	3.45	2.435	2.500	2.450	2.435	2.460	2.430
9/14/94	17v	3.35	3.35	3.35	3.45	3.45	3.35	2.450	2.445	2.425	2.430	0.000	2.430
9/14/94	17w	3.45	3.55	3.45	3.45	3.45	3.45	2.410	2.410	2.380	2.386	2.335	2.405
9/14/94	17x	3.65	3.65	3.65	3.65	3.55	3.55	2.240	2.250	2.140	2.210	2.190	2.190
9/14/94	17y	4.05	3.90	3.90	3.90	3.95	3.85	2.165	2.100	2.070	2.065	2.015	2.045
9/14/94	17z	3.75	3.75	3.75	3.65	3.75	3.75	2.285	2.280	2.230	2.245	2.215	2.275
9/14/94	18a	3.65	3.75	3.65	3.65	3.65	3.65	2.140	2.090	2.070	2.060	2.020	2.050
9/14/94	18b	3.75	3.75	3.85	3.75	3.75	3.75	2.180	2.160	2.130	2.145	2.120	2.175
9/14/94	18c	3.85	3.85	3.85	3.75	3.75	3.75	2.130	2.090	2.030	2.055	2.000	2.030
9/14/94	18d	3.75	3.85	3.75	3.75	3.75	3.75	1.970	1.955	1.995	1.990	2.075	2.100
9/25/94		0.00	0.00	0.00	0.00	0.00	0.00						
10/6/94	18k	0.00	0.00	0.00	0.00	0.00	0.00						
10/6/94	18l	0.00	0.00	0.00	0.00	0.00	0.00						
10/7/94	18m	0.00	0.00	0.00	0.00	0.00	0.00						
10/7/94	18n	0.00	0.00	0.00	0.00	0.00	0.00						
10/10/94	18o	0.00	0.00	0.00	0.00	0.00	0.00						
10/10/94	18p	0.00	0.00	0.00	0.00	0.00	0.00						
10/10/94		3.05	2.95	2.75	2.80	2.80	2.75	3.625	3.335	3.160	3.185	2.905	3.070
10/10/94		4.45	4.35	3.95	3.75	3.45	2.95	5.760	5.240	4.735	4.485	4.025	3.205
10/11/94		3.55	4.05	4.05	4.15	4.25	4.15	4.590	4.755	4.715	4.985	4.970	4.605
10/14/94	18q	0.00	0.00	0.00	0.00	0.00	0.00						
10/25/94	18s	0.00	0.00	0.00	0.00	0.00	0.00						
10/26/94	18t	0.00	0.00	0.00	0.00	0.00	0.00						

Data Summary

DATE	EXP	AVF2	AVF3	AVF4	AVF5	AVF6	AVF7	S2V	S3V	S4V	S5V	S6V	S7V
1/19/93	00b	0.64	0.50	0.52	0.55	0.38	0.36	5.08	7.14	8.23	9.53	12.01	12.23
1/19/93	00c	0.52	0.51	0.57	0.47	0.40	0.44	5.01	6.29	6.44	9.22	11.13	11.42
1/19/93	00d	0.62	0.59	0.59	0.60	0.53	0.56	3.94	4.90	5.58	6.42	8.14	8.02
1/19/93	00e	0.51	0.58	0.53	0.52	0.46	0.53	4.34	4.89	5.47	6.03	7.10	6.76
1/19/93	00f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/93	00g	0.31	0.24	0.18	0.16	0.11	0.10	7.04	9.01	10.65	11.61	14.39	13.56
1/21/93	00h	0.34	0.21	0.12	0.10	0.05	0.12	6.43	9.81	11.08	13.02	25.01	10.76
1/25/93	00i	0.52	0.54	0.50	0.49	0.43	0.48	10.94	12.23	13.67	15.07	17.76	16.95
1/27/93	00j	0.55	0.53	0.55	0.54	0.53	0.54	6.45	7.97	8.88	10.31	11.79	12.38
1/29/93	00k	0.53	0.51	0.59	0.46	0.41	0.45	6.50	8.16	8.34	11.95	14.40	14.80
1/31/93	00l	0.28	0.21	0.16	0.13	0.10	0.10	6.70	9.03	10.74	11.65	13.93	13.14
1/31/93	00m	0.56	0.47	0.46	0.42	0.37	0.37	6.54	8.72	10.31	11.95	13.89	14.23
2/10/93	00n	0.33	0.25	0.21	0.16	0.12	0.12	5.97	7.17	8.39	9.08	11.22	10.62
2/10/93	00o	0.33	0.26	0.20	0.17	0.12	0.12	8.00	9.62	11.27	12.51	15.24	14.68
2/11/93	00p	0.43	0.49	0.50	0.47	0.46	0.44	4.55	5.84	7.26	8.41	9.38	10.94
2/11/93	00q	0.43	0.49	0.49	0.50	0.44	0.44	4.62	5.83	7.29	8.01	9.97	10.60
2/11/93	00r	0.49	0.71	1.06	1.20	1.00	1.05	4.22	4.62	5.57	6.23	7.65	8.03
2/12/93	00s	0.51	0.88	1.36	1.60	1.54	1.70	4.89	5.29	6.17	6.75	8.15	8.39
2/12/93	00t	0.78	0.82	0.82	0.84	0.78	0.86	8.56	8.48	9.12	9.40	10.44	10.34
2/12/93	00u	0.93	0.76	0.76	0.75	0.71	0.77	8.12	8.49	9.12	9.40	10.43	10.34
2/23/93	00v	0.50	0.48	0.46	0.47	0.47	0.47	5.62	6.11	6.34	6.34	6.24	6.22
2/24/93	00w	0.37	0.37	0.38	0.41	0.40	0.39	0.73	0.75	0.76	0.70	0.72	0.73
2/24/93	00x	0.40	0.37	0.36	0.36	0.35	0.35	1.83	1.96	2.04	2.03	2.11	2.11
2/24/93	00y	0.43	0.40	0.40	0.39	0.38	0.38	2.66	2.78	2.78	2.84	2.92	2.91
2/24/93	00z	0.47	0.42	0.41	0.40	0.39	0.38	3.57	3.70	3.76	3.78	3.88	3.89
3/2/93	01a	0.05	0.02	0.01	0.01	0.01	0.01	2.30	2.96	3.18	4.06	4.33	4.35
3/2/93	01b	0.25	0.14	0.09	0.05	0.04	0.03	2.63	3.65	4.11	4.56	4.84	5.14
3/2/93	01c	0.35	0.29	0.23	0.18	0.12	0.08	3.68	4.25	5.02	6.06	6.93	7.39
3/2/93	01d	0.43	0.35	0.30	0.24	0.21	0.19	3.88	4.28	4.75	5.11	5.77	6.37
3/2/93	01e	0.56	0.46	0.43	0.42	0.40	0.38	5.79	6.06	6.48	6.71	6.86	7.06
3/2/93	01g	0.23	0.15	0.11	0.08	0.07	0.06	4.07	4.75	5.27	5.57	5.74	5.71
3/3/93	01h	0.31	0.28	0.24	0.20	0.17	0.15	4.93	5.41	5.92	6.43	7.10	7.56
3/3/93	01f	0.05	0.03	0.03	0.02	0.02	0.01	3.07	2.95	2.91	3.16	3.01	3.29
3/4/93	01k	0.47	0.43	0.45	0.48	0.47	0.45	4.06	4.38	4.19	3.92	3.94	4.13
3/9/93	01i	0.44	0.42	0.45	0.40	0.35	0.46	1.94	2.03	1.83	2.07	2.32	1.77
3/9/93	01j	0.46	0.45	0.44	0.40	0.45	0.45	2.55	2.37	2.43	2.66	2.42	2.40
3/9/93	01l	0.57	0.49	0.00	0.48	0.00	0.51	5.15	6.01	0.00	6.18	0.00	5.68
3/9/93	01m	0.06	0.04	0.04	0.04	0.03	0.03	2.27	2.60	2.65	2.67	2.65	2.67
3/9/93	01n	0.33	0.42	0.41	0.40	0.52	0.41	2.35	2.17	2.36	2.42	1.88	2.38
3/9/93	01o	0.41	0.41	0.34	0.37	0.36	0.43	3.89	3.94	4.67	4.40	4.53	3.72
3/15/93	01p	0.03	0.02	0.01	0.00	0.00	0.00	2.60	2.54	2.06	4.25	4.63	4.69
3/15/93	01q	0.21	0.09	0.06	0.04	0.03	0.02	3.06	4.32	4.02	4.51	4.43	4.69
3/15/93	01r	0.31	0.23	0.16	0.10	0.08	0.06	3.61	4.52	5.64	5.82	6.39	7.10
3/15/93	01s	0.45	0.35	0.30	0.24	0.17	0.13	3.79	4.61	5.43	6.20	6.97	7.72
3/15/93	01t	0.47	0.43	0.40	0.39	0.35	0.35	5.58	6.10	6.53	6.71	7.24	7.35
3/15/93	01u	0.04	0.03	0.02	0.02	0.02	0.01	4.14	3.88	3.25	3.48	4.21	4.76
3/15/93	01v	0.21	0.14	0.10	0.07	0.06	0.04	4.48	5.69	6.79	7.28	7.41	7.63
3/15/93	01w	0.27	0.21	0.17	0.13	0.10	0.10	5.22	6.02	7.03	7.73	8.44	7.73
3/18/93	01x	0.58	0.53	0.55	0.51	0.52	0.49	0.63	0.70	0.73	0.74	0.72	0.80
3/18/93	01y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data Summary

DATE	EXP	AVF2	AVF3	AVF4	AVF5	AVF6	AVF7	S2V	S3V	S4V	S5V	S6V	S7V
3/18/93	01z	0.56	0.58	0.59	0.54	0.53	0.51	1.25	1.58	1.67	1.71	1.74	1.88
3/18/93	02a	0.55	0.60	0.60	0.56	0.51	0.43	0.63	0.62	0.58	0.62	0.68	0.80
3/18/93	02b	0.61	0.56	0.56	0.53	0.54	0.57	1.08	1.21	1.24	1.21	1.18	1.23
3/18/93	02c	0.59	0.61	0.63	0.59	0.59	0.60	2.02	2.59	2.76	2.96	2.94	2.90
3/18/93	02d	0.61	0.57	0.58	0.57	0.57	0.53	1.68	1.94	2.14	2.15	2.17	2.31
3/19/93	02e	0.56	0.58	0.56	0.54	0.57	0.57	1.03	1.30	1.39	1.44	1.41	1.47
3/22/93	02f	0.04	0.03	0.01	0.01	0.01	0.01	3.05	2.74	3.82	5.06	5.78	5.99
3/22/93	02g	0.13	0.06	0.04	0.03	0.02	0.02	6.37	6.59	6.95	6.63	6.34	7.06
3/22/93	02h	0.21	0.14	0.10	0.08	0.05	0.04	7.98	9.85	11.18	11.69	10.20	10.24
3/22/93	02i	0.03	0.01	0.01	0.00	0.00	0.00	2.26	2.45	3.18	3.78	4.14	5.25
3/22/93	09z	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/93	02j	0.07	0.04	0.03	0.01	0.01	0.01	4.63	4.52	5.14	5.58	5.54	5.64
3/23/93	02k	0.18	0.09	0.06	0.04	0.03	0.02	6.25	6.74	7.37	7.75	7.87	6.36
3/23/93	02l	0.26	0.17	0.12	0.07	0.06	0.05	6.70	8.60	10.06	9.60	8.85	7.67
3/23/93	02m	0.30	0.23	0.17	0.14	0.12	0.10	8.03	9.79	11.08	11.79	12.70	13.16
3/24/93	02n	0.03	0.01	0.01	0.01	0.00	0.00	3.75	4.98	5.90	5.57	5.35	5.86
3/24/93	02o	0.11	0.05	0.04	0.02	0.02	0.02	5.58	6.18	6.83	7.23	6.23	5.74
3/24/93	02p	0.23	0.17	0.12	0.09	0.07	0.06	6.95	8.77	9.68	10.61	9.83	8.50
3/24/93	02q	0.02	0.01	0.01	0.00	0.00	0.00	2.38	2.68	3.53	3.76	4.51	4.95
3/24/93	02r	0.09	0.04	0.02	0.01	0.01	0.01	4.66	5.74	6.28	6.99	6.09	6.66
3/24/93	02s	0.21	0.11	0.07	0.05	0.04	0.04	5.34	6.42	6.58	6.38	5.81	4.98
3/24/93	02t	0.31	0.21	0.15	0.10	0.08	0.06	5.53	7.16	8.56	8.71	8.04	7.60
3/24/93	02u	0.36	0.28	0.24	0.18	0.15	0.13	7.23	8.61	10.12	10.72	11.07	12.15
3/24/93	02v	0.04	0.01	0.01	0.00	0.00	0.00	1.61	2.71	4.01	4.69	5.20	5.89
3/24/93	02w	0.10	0.05	0.03	0.01	0.01	0.01	4.92	5.32	4.47	7.16	6.69	7.09
3/25/93	02x	0.19	0.10	0.06	0.05	0.03	0.03	5.78	6.86	7.19	7.71	8.01	7.77
3/25/93	02y	0.32	0.18	0.14	0.09	0.07	0.06	5.92	7.78	9.32	10.16	9.20	8.47
3/25/93	02z	0.35	0.26	0.21	0.15	0.14	0.12	7.69	9.30	10.56	11.43	12.35	13.42
3/25/93	03a	0.03	0.02	0.02	0.01	0.00	0.00	2.62	2.38	2.38	4.72	5.72	5.48
3/25/93	03b	0.09	0.05	0.04	0.02	0.02	0.01	5.44	5.89	5.37	7.35	6.32	6.74
3/25/93	03c	0.26	0.17	0.12	0.09	0.07	0.06	7.38	9.23	10.56	10.20	9.66	9.64
3/25/93	03d	0.03	0.01	0.01	0.01	0.00	0.00	2.26	2.21	2.49	2.50	3.67	4.10
3/25/93	03e	0.12	0.05	0.03	0.02	0.02	0.02	4.17	4.68	5.31	5.90	5.43	4.89
3/25/93	03f	0.27	0.14	0.10	0.06	0.05	0.04	4.65	6.51	7.57	7.49	7.65	7.65
3/25/93	03g	0.36	0.24	0.19	0.12	0.09	0.08	4.93	6.30	7.98	8.81	9.47	9.72
3/25/93	03h	0.43	0.37	0.29	0.24	0.20	0.18	6.59	7.59	8.71	9.70	10.59	11.58
3/26/93	03i	0.04	0.03	0.02	0.01	0.01	0.01	2.68	2.42	2.78	3.98	4.85	4.63
3/26/93	03j	0.10	0.07	0.05	0.03	0.03	0.03	5.16	5.04	5.71	6.20	6.22	5.14
3/26/93	03k	0.27	0.19	0.15	0.11	0.08	0.07	6.29	7.77	9.08	9.66	9.27	8.85
3/26/93	03l	0.04	0.02	0.02	0.01	0.01	0.00	1.95	1.98	1.73	2.18	2.96	3.52
3/26/93	03m	0.25	0.12	0.07	0.05	0.04	0.03	2.63	3.72	4.27	4.24	5.10	4.28
3/26/93	03n	0.35	0.28	0.21	0.15	0.11	0.09	3.18	3.76	4.61	5.43	6.54	6.50
3/26/93	03o	0.44	0.38	0.31	0.27	0.23	0.20	3.84	4.22	4.56	4.82	5.41	6.04
3/26/93	03p	0.49	0.46	0.44	0.41	0.39	0.38	5.56	5.84	6.14	6.25	6.62	6.68
3/26/93	03q	0.04	0.03	0.02	0.01	0.01	0.01	3.00	2.50	2.82	3.11	3.31	2.98
3/26/93	03r	0.15	0.09	0.06	0.05	0.04	0.04	4.53	5.26	5.20	5.15	4.80	4.58
3/26/93	03s	0.33	0.29	0.26	0.23	0.19	0.15	4.92	5.38	6.05	6.55	6.83	7.87
3/29/93	03t	0.06	0.05	0.04	0.04	0.03	0.03	2.59	2.93	2.68	2.81	2.87	3.08
3/29/93	03u	0.44	0.47	0.49	0.59	0.39	0.51	1.80	1.84	1.79	1.48	2.22	1.70
3/29/93	03v	0.42	0.45	0.48	0.41	0.45	0.56	3.51	3.59	3.36	3.91	3.61	2.91

Data Summary

DATE	EXP	AVF2	AVF3	AVF4	AVF5	AVF6	AVF7	S2V	S3V	S4V	S5V	S6V	S7V
3/29/93	03w	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/93	03x	0.43	0.44	0.42	0.53	0.41	0.37	1.49	1.44	1.52	1.18	1.55	1.70
3/29/93	03y	0.52	0.43	0.42	0.53	0.50	0.41	2.09	2.48	2.53	2.00	2.12	2.61
3/29/93	03z	0.54	0.43	0.45	0.45	0.40	0.46	2.75	3.41	3.25	3.30	3.71	3.20
3/29/93	04a	0.58	0.49	0.44	0.46	0.48	0.44	4.37	5.16	5.84	5.51	5.28	5.72
3/30/93	04b	0.54	0.59	0.56	0.53	0.48	0.43	0.46	0.44	0.42	0.41	0.45	0.50
3/30/93	04c	0.58	0.56	0.55	0.55	0.49	0.51	1.28	1.28	1.29	1.25	1.41	1.35
3/30/93	04d	0.55	0.55	0.56	0.52	0.54	0.52	1.69	1.92	1.90	1.91	1.85	1.89
3/30/93	04e	0.57	0.59	0.56	0.53	0.55	0.53	3.05	3.63	3.93	4.11	4.09	4.32
3/30/93	04f	0.52	0.61	0.54	0.53	0.53	0.51	0.59	0.60	0.60	0.58	0.57	0.60
3/30/93	04g	0.56	0.56	0.55	0.54	0.55	0.51	1.63	1.67	1.71	1.64	1.58	1.71
3/30/93	04h	0.56	0.56	0.56	0.54	0.55	0.58	2.27	2.21	2.19	2.27	2.22	2.12
3/30/93	04i	0.65	0.60	0.59	0.56	0.56	0.58	0.85	1.10	1.26	1.29	1.25	1.22
3/30/93	04j	0.53	0.57	0.58	0.61	0.63	0.61	0.90	1.18	1.23	1.18	1.13	1.17
4/1/93	04n	0.56	0.50	0.46	0.53	0.55	0.51	2.53	2.85	3.06	2.68	2.58	2.80
4/1/93	04k	0.46	0.46	0.41	0.41	0.41	0.40	3.63	3.52	3.83	3.61	3.64	3.73
4/1/93	04l	0.40	0.49	0.44	0.45	0.44	0.44	6.73	5.56	5.98	5.64	5.44	5.55
4/1/93	04m	0.53	0.39	0.38	0.39	0.39	0.39	2.87	3.91	4.01	3.87	3.90	3.88
4/1/93	04o	0.60	0.59	0.53	0.53	0.49	0.51	3.53	4.24	4.93	4.97	5.30	4.97
4/1/93	04p	0.47	0.48	0.48	0.52	0.54	0.55	2.98	2.94	2.91	2.67	2.62	2.56
4/1/93	04q	0.56	0.67	0.68	0.67	0.64	0.67	0.42	0.48	0.47	0.47	0.49	0.47
4/2/93	04r	0.34	0.26	0.20	0.16	0.12	0.09	8.10	9.43	11.15	12.33	13.30	14.79
4/5/93	04s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/93	04t	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/93	04u	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/93	04v	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.27
4/5/93	04w	0.00	0.00	0.12	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	5.36
4/5/93	04x	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/93	04y	0.53	0.00	0.57	0.00	0.55	0.54	0.83	0.00	0.00	0.00	0.75	0.78
4/5/93	04z	0.54	0.00	0.49	0.46	0.47	0.45	1.79	0.00	0.00	1.91	1.88	1.92
4/5/93	05a	0.48	0.51	0.51	0.53	0.54	0.51	2.29	2.24	2.23	2.14	2.09	2.23
4/5/93	05b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/93	05c	0.46	0.00	0.00	0.00	0.40	0.00	5.93	0.00	0.00	0.00	6.72	0.00
4/7/93	05d	0.05	0.00	0.03	0.00	0.01	0.01	2.13	0.00	0.00	0.00	3.69	2.58
4/7/93	05e	0.13	0.10	0.08	0.07	0.05	0.05	4.56	5.14	4.95	5.25	4.75	4.50
4/7/93	05f	0.34	0.00	0.29	0.00	0.17	0.15	5.02	0.00	0.00	0.00	7.08	7.52
4/12/93	05g	0.54	0.55	0.50	0.51	0.51	0.51	2.00	2.22	2.29	2.25	2.23	2.22
4/12/93	05h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/93	05n	0.55	0.52	0.52	0.50	0.50	0.47	3.45	4.28	4.94	5.10	5.05	5.23
6/14/93	05o	0.56	0.39	0.37	0.54	0.57	0.52	1.80	2.17	2.32	2.08	1.97	1.99
6/14/93	05p	0.62	0.46	0.48	0.48	0.51	0.44	2.46	3.06	3.09	3.03	2.80	3.00
6/14/93	05q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/93	05r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/93	05s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/93	05t	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/93	05u	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/16/93	05v	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17/93	05w	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17/93	05x	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17/93	05y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data Summary

[illegible]

Data Summary

DATE	EXP	AVF2	AVF3	AVF4	AVF5	AVF6	AVF7	S2V	S3V	S4V	S5V	S6V	S7V
8/5/93	07x	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/5/93	07y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12/93	07z	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12/93	08a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12/93	08b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08c	0.55	0.53	0.53	0.51	0.54	0.52	2.01	2.32	2.40	2.17	2.22	2.40
8/17/93	08d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08j	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31/93	08k	0.56	0.49	0.49	0.54	0.56	0.54	1.54	1.81	1.83	1.66	1.58	1.65
9/1/93	08l	0.55	0.48	0.51	0.48	0.49	0.53	1.76	2.35	2.16	2.22	2.17	2.00
9/1/93	08m	0.52	0.48	0.49	0.52	0.51	0.47	1.85	2.15	2.12	1.94	1.86	2.00
9/1/93	08n	0.56	0.50	0.47	0.50	0.54	0.49	2.04	2.59	2.72	2.47	2.29	2.50
9/2/93	08o	0.54	0.48	0.47	0.53	0.49	0.46	2.24	2.78	2.86	2.50	2.59	2.71
9/2/93	08p	0.53	0.49	0.47	0.50	0.48	0.44	2.02	2.29	2.37	2.19	2.25	2.35
9/2/93	08q	0.59	0.51	0.45	0.43	0.45	0.46	2.22	2.80	3.08	3.08	2.94	3.02
9/2/93	08r	0.57	0.50	0.50	0.54	0.53	0.49	2.04	2.48	2.52	2.31	2.24	2.31
9/6/93	08s	0.55	0.51	0.42	0.50	0.54	0.44	2.49	2.96	3.31	3.01	2.84	3.39
9/6/93	08t	0.51	0.47	0.46	0.48	0.49	0.52	2.43	2.81	2.77	2.67	2.57	2.66
9/6/93	08u	0.50	0.48	0.48	0.51	0.57	0.55	2.93	3.42	3.33	3.21	2.93	3.06
9/6/93	08v	0.51	0.48	0.49	0.47	0.55	0.49	2.54	2.84	2.75	2.82	2.34	2.79
9/6/93	08w	0.53	0.48	0.46	0.56	0.46	0.48	2.72	3.15	3.24	2.78	3.27	3.18
9/6/93	08x	0.48	0.48	0.45	0.49	0.44	0.44	2.51	2.62	2.79	2.60	2.87	2.89
9/7/93	08y	0.55	0.45	0.46	0.48	0.53	0.46	2.87	3.48	3.61	3.30	3.10	3.19
9/7/93	08z	0.48	0.46	0.43	0.52	0.52	0.44	2.81	3.05	3.20	2.59	2.61	3.07
9/7/93	09a	0.52	0.44	0.45	0.45	0.45	0.44	3.15	3.65	3.51	3.53	3.28	3.33
9/7/93	09b	0.48	0.44	0.43	0.45	0.48	0.46	2.95	3.04	3.22	3.13	2.92	3.12
9/7/93	09c	0.58	0.52	0.47	0.51	0.54	0.53	1.85	2.21	2.36	2.15	2.05	2.16
9/7/93	09d	0.54	0.51	0.48	0.50	0.54	0.47	1.94	2.13	2.29	2.00	1.93	2.23
9/8/93	09e	0.55	0.46	0.51	0.55	0.54	0.49	1.88	2.42	2.25	2.05	2.05	2.28
9/8/93	09f	0.55	0.56	0.59	0.52	0.54	0.54	1.69	1.73	1.69	1.80	1.70	1.82
9/13/93	09g	0.51	0.45	0.46	0.43	0.43	0.44	3.23	3.66	3.44	3.44	3.36	3.40
9/13/93	09g	0.51	0.45	0.46	0.43	0.43	0.44	3.03	3.42	3.22	3.22	3.15	3.18
9/13/93	09h	0.46	0.42	0.39	0.44	0.44	0.43	2.97	2.98	3.31	2.58	2.59	3.15
9/14/93	09i	0.46	0.47	0.45	0.43	0.44	0.44	3.52	3.38	3.52	3.65	3.63	3.56
9/14/93	09i	0.47	0.43	0.42	0.42	0.43	0.43	3.51	3.60	3.68	3.64	3.57	3.49
9/14/93	09j	0.43	0.41	0.44	0.43	0.45	0.44	3.33	3.28	3.16	3.20	3.18	3.17
9/14/93	09k	0.47	0.44	0.42	0.43	0.44	0.45	3.54	3.78	3.82	3.76	3.75	3.66
9/14/93	09l	0.41	0.45	0.42	0.41	0.41	0.39	3.31	3.14	3.25	3.29	3.33	3.31
9/14/93	09m	0.45	0.43	0.44	0.43	0.42	0.40	3.81	3.87	3.83	3.89	4.09	4.14
9/15/93	09n	0.42	0.38	0.36	0.35	0.33	0.32	3.29	3.46	3.65	3.65	3.80	3.85
9/17/93	09o	0.46	0.39	0.38	0.39	0.38	0.37	3.56	3.92	3.94	3.82	3.94	4.02
9/17/93	09p	0.44	0.42	0.38	0.39	0.38	0.36	3.74	3.72	3.91	3.90	3.97	4.17
9/17/93	09q	0.44	0.40	0.39	0.38	0.38	0.37	3.81	3.88	3.89	3.93	3.93	4.07
9/20/93	09r	0.47	0.42	0.40	0.42	0.44	0.38	3.59	3.88	3.92	3.92	3.71	3.95
9/20/93	09s	0.44	0.44	0.00	0.00	0.00	0.00	3.75	3.74	0.00	0.00	0.00	0.00

Data Summary

DATE	EXP	AVF2	AVF3	AVF4	AVF5	AVF6	AVF7	S2V	S3V	S4V	S5V	S6V	S7V
9/20/93	09t	0.44	0.41	0.43	0.40	0.41	0.40	3.67	3.77	3.79	3.73	3.83	3.98
9/20/93	09u	0.44	0.46	0.44	0.00	0.46	0.42	3.94	3.72	3.92	0.00	3.77	4.03
9/21/93	09v	0.46	0.44	0.40	0.41	0.41	0.37	3.58	3.73	4.05	4.07	3.90	4.16
9/21/93	09w	0.43	0.40	0.40	0.40	0.44	0.41	3.82	3.94	4.09	3.95	3.63	4.09
9/21/93	09x	0.45	0.45	0.39	0.40	0.48	0.38	3.73	3.69	4.15	4.05	3.50	4.11
9/22/93	09y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/93	10a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/93	10b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/93	10c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/93	10j	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/93	10k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/93	10l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/93	10m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/93	10n	0.44	0.40	0.39	0.40	0.44	0.38	3.64	3.74	3.90	3.77	3.41	3.97
10/6/93	10o	0.40	0.41	0.38	0.39	0.44	0.41	3.79	3.66	3.92	3.84	3.45	3.87
10/7/93	10p	0.44	0.42	0.38	0.38	0.40	0.39	3.59	3.65	3.91	3.93	3.71	3.83
10/11/93	10q	0.43	0.43	0.40	0.41	0.40	0.38	3.65	3.66	3.79	3.66	3.72	3.91
10/11/93	10r	0.46	0.45	0.44	0.45	0.50	0.43	3.62	3.64	3.67	3.51	3.39	3.62
10/12/93	10s	0.48	0.41	0.42	0.41	0.44	0.43	3.71	3.87	3.97	3.87	3.69	3.81
10/12/93	10t	0.46	0.43	0.43	0.40	0.50	0.42	3.60	3.83	3.72	3.57	3.32	3.73
10/12/93	10u	0.45	0.38	0.39	0.48	0.53	0.43	3.49	3.87	3.80	3.07	2.77	3.48
10/13/93	10w	0.44	0.41	0.38	0.40	0.48	0.42	3.66	3.64	3.86	3.66	3.29	3.62
10/14/93	10y	0.38	0.38	0.39	0.36	0.38	0.43	4.21	3.85	3.97	4.23	3.92	3.50
10/18/93	10z	0.50	0.44	0.42	0.48	0.48	0.48	2.58	3.12	3.27	2.85	2.91	2.90
10/18/93	11a	0.56	0.52	0.47	0.50	0.44	0.46	2.51	2.93	3.14	2.85	3.34	3.14
10/18/93	11b	0.56	0.47	0.46	0.55	0.50	0.49	2.49	3.05	3.10	2.69	2.81	2.93
10/19/93	11c	0.51	0.48	0.46	0.49	0.53	0.51	2.67	3.00	3.27	2.91	2.79	2.88
10/19/93	11d	0.52	0.45	0.43	0.52	0.58	0.51	2.68	3.20	3.46	2.85	2.58	2.99
10/19/93	11e	0.55	0.48	0.47	0.50	0.48	0.48	2.60	3.03	3.12	3.09	3.20	3.10
10/19/93	11f	0.53	0.47	0.47	0.50	0.49	0.50	2.74	3.19	3.23	2.91	3.12	3.15
10/20/93	11g	0.52	0.44	0.45	0.47	0.56	0.56	2.69	3.32	3.35	3.11	2.74	2.70
10/20/93	11h	0.52	0.46	0.47	0.53	0.54	0.49	2.65	3.05	3.08	2.73	2.72	3.05
10/20/93	11i	0.52	0.47	0.45	0.56	0.63	0.53	2.66	3.14	3.25	2.52	2.34	2.74
10/21/93	11j	0.51	0.48	0.47	0.52	0.48	0.49	2.76	3.02	3.10	2.84	3.08	2.99
10/21/93	11k	0.50	0.43	0.44	0.50	0.51	0.47	2.73	3.25	3.20	2.77	2.84	3.05
10/21/93	11l	0.52	0.45	0.46	0.50	0.49	0.49	2.66	3.24	3.13	2.87	3.02	3.03
10/21/93	11m	0.51	0.49	0.44	0.52	0.54	0.48	2.80	3.12	3.46	2.75	2.79	3.15
10/21/93	11n	0.51	0.48	0.46	0.58	0.58	0.49	2.67	3.07	3.08	2.31	2.36	2.93
10/22/93	11p	0.51	0.44	0.46	0.53	0.53	0.48	2.75	3.31	3.26	2.76	2.80	3.06
10/22/93	11q	0.51	0.46	0.47	0.48	0.55	0.48	2.78	3.21	3.20	3.01	2.92	3.01
10/22/93	11r	0.49	0.48	0.46	0.53	0.63	0.49	2.79	3.05	3.13	2.55	2.31	2.95
10/22/93	11s	0.49	0.46	0.47	0.54	0.61	0.50	2.75	3.21	2.99	2.35	2.12	2.79
10/22/93	11t	0.51	0.49	0.46	0.50	0.50	0.47	2.81	3.14	3.24	2.99	3.05	3.11
10/25/93	11u	0.52	0.46	0.44	0.53	0.53	0.45	2.70	3.15	3.19	2.77	2.75	3.27

Data Summary

DATE	EXP	AVF2	AVF3	AVF4	AVF5	AVF6	AVF7	S2V	S3V	S4V	S5V	S6V	S7V
10/25/93	11v	0.54	0.46	0.48	0.53	0.54	0.53	2.69	3.30	3.13	2.98	2.88	2.92
10/25/93	11w	0.55	0.47	0.43	0.52	0.59	0.50	2.72	3.22	3.32	2.74	2.55	3.03
10/25/93	11x	0.50	0.45	0.49	0.69	0.59	0.53	2.93	3.40	3.18	2.13	2.47	2.89
11/14/93	10x	0.43	0.42	0.36	0.38	0.42	0.39	3.64	3.67	4.12	3.95	3.67	3.84
11/21/93	11o	0.48	0.41	0.48	0.43	0.44	0.52	2.89	3.35	3.12	3.38	3.15	2.77
2/23/94		0.00	0.00	0.00	0.00	0.00	0.00						
2/23/94		0.00	0.00	0.00	0.00	0.00	0.00						
2/23/94		0.00	0.00	0.00	0.00	0.00	0.00						
2/24/94		0.00	0.00	0.00	0.00	0.00	0.00						
4/18/94	12a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	12b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	12c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	12d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	12e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	A12	0.00	0.00	0.00	0.00	0.00	0.00						
4/21/94	B12	0.00	0.00	0.00	0.00	0.00	0.00						
5/2/94	12f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/94	12g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/94	12h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/94	12i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/94	12j	0.73	0.71	0.59	0.62	0.63	0.50	0.15	0.16	0.20	0.19	0.19	0.24
5/3/94	12r	0.59	0.61	0.57	0.52	0.52	0.50	0.09	0.08	0.09	0.09	0.10	0.12
5/3/94	12k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12n	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12o	0.59	0.57	0.57	0.53	0.53	0.49	0.15	0.16	0.17	0.17	0.18	0.21
5/3/94	12p	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12s	0.56	0.58	0.59	0.57	0.53	0.46	0.38	0.39	0.40	0.41	0.43	0.51
5/3/94	12t	0.62	0.63	0.60	0.61	0.61	0.55	0.40	0.41	0.45	0.43	0.44	0.49
5/5/94	12u	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/94	12v	0.58	0.55	0.56	0.53	0.54	0.50	0.10	0.11	0.11	0.11	0.11	0.13
5/6/94	12w	0.54	0.51	0.51	0.51	0.53	0.50	1.00	1.09	1.13	1.12	1.08	1.09
5/6/94	12x	0.54	0.55	0.59	0.59	0.58	0.57	1.30	1.33	1.36	1.38	1.39	1.44
5/6/94	12y	0.56	0.55	0.55	0.54	0.54	0.55	1.45	1.79	1.99	2.10	2.17	2.24
5/6/94	12z	0.50	0.46	0.49	0.47	0.46	0.42	0.75	0.76	0.75	0.74	0.76	0.83
5/6/94	13a	0.57	0.53	0.53	0.52	0.53	0.53	1.20	1.23	1.23	1.25	1.21	1.25
5/6/94	13b	0.53	0.52	0.51	0.50	0.54	0.51	1.58	1.73	1.81	1.79	1.72	1.83
5/6/94	13c	0.58	0.56	0.56	0.55	0.54	0.54	1.79	2.31	2.65	2.69	2.77	2.81
5/9/94	13d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/9/94	13e	0.45	0.44	0.42	0.49	0.50	0.47	1.00	1.12	1.20	1.05	1.05	1.08
5/9/94	13f	0.49	0.47	0.46	0.44	0.46	0.46	1.87	2.01	2.09	2.11	2.12	2.10
5/9/94	13g	0.56	0.51	0.50	0.50	0.50	0.50	2.13	2.41	2.59	2.60	2.63	2.65
5/9/94	13h	0.60	0.57	0.51	0.55	0.52	0.51	2.64	3.32	3.80	3.75	4.00	4.09
5/11/94	13i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11/94	13j	0.48	0.41	0.41	0.40	0.50	0.47	1.76	1.89	2.05	2.13	1.76	1.86
5/11/94	13k	0.44	0.40	0.44	0.44	0.47	0.44	2.36	2.59	2.48	2.54	2.62	2.39
5/11/94	13l	0.48	0.44	0.40	0.40	0.41	0.46	2.85	3.18	3.60	3.50	3.38	3.16
5/11/94	13m	0.54	0.52	0.50	0.49	0.48	0.47	4.38	4.75	5.36	5.44	5.42	5.57

Data Summary

DATE	EXP	AVF2	AVF3	AVF4	AVF5	AVF6	AVF7	S2V	S3V	S4V	S5V	S6V	S7V
5/11/94	13n	0.43	0.46	0.52	0.47	0.40	0.37	0.73	0.71	0.55	0.64	0.65	0.77
5/11/94	13o	0.37	0.39	0.36	0.39	0.36	0.38	1.80	1.77	1.87	1.71	1.93	1.94
5/11/94	13p	0.43	0.47	0.41	0.47	0.42	0.50	2.59	2.56	2.95	2.58	2.82	2.28
5/11/94	13q	0.51	0.45	0.41	0.42	0.44	0.44	2.85	3.36	3.61	3.44	3.34	3.33
5/11/94	13r	0.55	0.53	0.49	0.48	0.46	0.47	4.31	4.82	5.23	5.29	5.37	5.46
5/13/94	13s	0.51	0.49	0.46	0.47	0.45	0.45	5.08	5.34	5.62	5.33	5.39	5.39
5/13/94	13t	0.46	0.44	0.41	0.42	0.46	0.46	3.61	3.59	3.96	3.81	3.38	3.45
5/13/94	13u	0.40	0.42	0.40	0.42	0.42	0.42	3.01	2.86	3.01	2.88	2.91	2.97
5/13/94	13v	0.36	0.36	0.38	0.37	0.35	0.38	2.05	2.05	1.96	2.03	2.09	2.05
5/13/94	13w	0.34	0.35	0.31	0.30	0.27	0.09	0.74	0.72	0.82	0.79	0.82	0.83
5/13/94	13x	0.43	0.41	0.39	0.40	0.42	0.40	4.94	5.15	5.31	5.21	4.94	5.11
5/13/94	13y	0.46	0.45	0.41	0.43	0.45	0.40	3.63	3.68	3.87	3.65	3.46	4.01
5/13/94	13z	0.41	0.44	0.39	0.41	0.45	0.42	2.83	2.66	3.01	2.92	2.60	2.81
5/16/94	14a	0.35	0.37	0.34	0.35	0.37	0.37	1.85	1.82	1.96	1.95	1.84	1.85
5/16/94	14b	0.34	0.32	0.24	0.16	0.02	0.01	0.59	0.57	0.70	0.89	2.65	3.93
5/16/94	14c	0.43	0.41	0.40	0.39	0.41	0.41	5.18	5.21	5.37	5.24	4.96	4.93
5/16/94	14d	0.46	0.42	0.40	0.42	0.40	0.41	3.50	3.63	3.70	3.52	3.60	3.65
5/16/94	14e	0.33	0.33	0.30	0.31	0.34	0.34	2.78	2.65	2.85	2.74	2.74	2.77
5/16/94	14f	0.35	0.33	0.31	0.32	0.32	0.33	1.93	1.95	2.11	2.04	2.07	2.04
5/17/94	14g	0.12	0.01	0.00	0.00	0.00	0.02	0.81	3.58	3.75	4.48	4.53	0.47
5/17/94	14h	0.41	0.40	0.36	0.38	0.38	0.38	5.09	4.95	5.42	5.08	4.99	5.04
5/17/94	14i	0.41	0.38	0.34	0.34	0.32	0.31	3.97	4.00	4.40	4.32	4.47	4.62
5/17/94	14j	0.28	0.27	0.23	0.22	0.19	0.16	3.27	3.35	4.02	4.24	4.82	5.49
5/17/94	14k	0.28	0.18	0.09	0.06	0.04	0.04	2.49	3.19	4.55	5.50	6.07	6.45
5/17/94	14l	0.10	0.02	0.01	0.01	0.00	0.00	1.81	3.26	4.19	4.58	4.73	4.82
5/17/94	14m	0.41	0.43	0.39	0.39	0.39	0.39	5.11	4.65	5.16	5.06	5.15	5.05
5/20/94	14n	0.42	0.40	0.38	0.36	0.37	0.41	3.62	3.64	3.92	4.12	4.02	3.71
5/20/94	14o	0.32	0.32	0.36	0.36	0.38	0.40	2.97	2.83	3.02	3.01	2.90	2.79
5/20/94	14p	0.34	0.34	0.33	0.31	0.31	0.35	1.97	1.97	2.11	2.14	2.15	2.06
5/20/94	14q	0.35	0.39	0.35	0.29	0.39	0.33	0.68	0.59	0.64	0.76	0.56	0.67
5/20/94	14r	0.47	0.44	0.41	0.46	0.46	0.44	5.36	5.32	5.72	5.26	5.07	5.18
5/20/94	14s	0.45	0.42	0.39	0.39	0.39	0.40	3.82	3.90	4.17	4.11	4.12	4.12
5/20/94	14t	0.40	0.33	0.33	0.29	0.28	0.26	3.14	3.22	3.49	3.64	3.85	3.97
5/23/94	14u	0.03	0.01	0.01	0.00	0.00	0.00	2.52	4.11	5.33	6.13	6.88	7.49
5/23/94	14v	0.40	0.43	0.40	0.39	0.35	0.34	5.23	5.23	5.55	5.41	5.52	5.62
5/23/94	14w	0.32	0.31	0.33	0.32	0.33	0.33	5.63	5.21	4.80	4.70	4.41	4.03
5/23/94	14x	0.32	0.27	0.19	0.16	0.12	0.10	3.28	3.79	4.48	5.08	5.94	6.83
5/23/94	14y	0.27	0.14	0.07	0.05	0.04	0.03	2.82	3.95	5.47	6.18	6.63	7.37
5/23/94	14z	0.03	0.01	0.01	0.01	0.00	0.00	3.40	5.15	6.32	7.11	7.61	8.23
5/27/94	15a	0.40	0.37	0.33	0.30	0.26	0.22	5.77	6.15	6.86	7.36	7.98	8.58
5/27/94	15b	0.37	0.28	0.22	0.17	0.13	0.11	4.52	5.19	6.33	7.36	8.26	9.00
5/30/94	15c	0.25	0.17	0.10	0.06	0.05	0.03	3.79	5.19	6.55	7.49	8.28	8.67
5/30/94	15d	0.12	0.06	0.04	0.02	0.01	0.01	3.90	5.73	6.93	7.38	8.46	8.84
5/30/94	15e	0.01	0.01	0.00	0.00	0.00	0.00	4.11	5.68	8.07	8.61	11.26	11.25
5/30/94	15f	0.36	0.28	0.24	0.20	0.15	0.14	5.90	6.61	7.74	8.49	9.33	10.00
5/30/94	15g	0.35	0.24	0.18	0.13	0.09	0.08	4.73	5.85	7.39	8.46	9.27	10.21
5/30/94	15h	0.25	0.14	0.09	0.06	0.04	0.03	4.44	6.03	7.58	8.41	9.31	9.54
5/30/94	15i	0.11	0.05	0.03	0.02	0.01	0.01	4.35	6.10	7.14	8.35	8.94	9.46
8/16/94	17d	0.00	0.00	0.00	0.00	0.00	0.00						
8/16/94	17e	0.00	0.00	0.00	0.00	0.00	0.00						

Data Summary

DATE	EXP	AVF2	AVF3	AVF4	AVF5	AVF6	AVF7	S2V	S3V	S4V	S5V	S6V	S7V
8/17/94	17f	0.00	0.00	0.00	0.00	0.00	0.00						
8/17/94	17g	0.00	0.00	0.00	0.00	0.00	0.00						
8/18/94	17h	0.02	0.01	0.01	0.00	0.00	0.00	4.27	4.96	6.77	7.83	8.13	8.07
8/18/94	17j	0.00	0.00	0.00	0.00	0.00	0.00						
8/18/94	17k	0.00	0.00	0.00	0.00	0.00	0.00						
9/8/94	17l	0.00	0.00	0.00	0.00	0.00	0.00						
9/9/94	17m	0.41	0.40	0.38	0.41	0.39	0.40	4.23	4.14	4.36	4.21	4.25	4.22
9/12/94	17n	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/12/94	17o	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/12/94	17p	0.37	0.39	0.38	0.39	0.00	0.39	4.46	4.40	4.52	4.54	0.00	4.35
9/12/94	17q	0.40	0.40	0.38	0.39	0.38	0.40	4.34	4.33	4.49	4.40	4.38	4.27
9/13/94	17r	0.38	0.38	0.38	0.37	0.39	0.38	4.41	4.34	4.49	4.47	4.27	4.35
9/13/94	17s	0.38	0.38	0.37	0.37	0.37	0.38	4.40	4.25	4.46	4.39	4.35	4.35
9/13/94	17t	0.38	0.37	0.37	0.39	0.37	0.38	4.24	4.20	4.24	4.20	4.23	4.14
9/14/94	17u	0.36	0.38	0.37	0.36	0.37	0.37	4.61	4.45	4.57	4.60	4.52	4.54
9/14/94	17v	0.38	0.38	0.37	0.36	0.00	0.38	4.84	4.81	4.88	4.87	0.00	4.80
9/14/94	17w	0.36	0.35	0.36	0.36	0.35	0.36	4.53	4.50	4.58	4.57	4.64	4.47
9/14/94	17x	0.32	0.32	0.30	0.31	0.32	0.32	5.09	5.02	5.31	5.15	5.16	5.12
9/14/94	17y	0.28	0.28	0.27	0.27	0.26	0.28	4.92	5.03	5.14	5.15	5.24	5.12
9/14/94	17z	0.31	0.32	0.31	0.32	0.31	0.32	4.83	4.80	4.94	4.91	4.94	4.78
9/14/94	18a	0.30	0.29	0.29	0.29	0.29	0.29	4.82	4.90	4.98	5.00	5.07	4.96
9/14/94	18b	0.30	0.30	0.29	0.30	0.29	0.30	4.80	4.81	4.90	4.87	4.90	4.73
9/14/94	18c	0.28	0.28	0.27	0.28	0.28	0.28	4.96	5.02	5.20	5.13	5.24	5.13
9/14/94	18d	0.27	0.26	0.27	0.27	0.29	0.29	10.73	10.73	10.58	10.60	10.11	9.91
9/25/94		0.00	0.00	0.00	0.00	0.00	0.00						
10/6/94	18k	0.00	0.00	0.00	0.00	0.00	0.00						
10/6/94	18l	0.00	0.00	0.00	0.00	0.00	0.00						
10/7/94	18m	0.00	0.00	0.00	0.00	0.00	0.00						
10/7/94	18n	0.00	0.00	0.00	0.00	0.00	0.00						
10/10/94	18o	0.00	0.00	0.00	0.00	0.00	0.00						
10/10/94	18p	0.00	0.00	0.00	0.00	0.00	0.00						
10/10/94		0.53	0.51	0.51	0.51	0.46	0.50	5.41	5.83	6.19	6.13	6.69	6.28
10/10/94		0.57	0.54	0.53	0.53	0.52	0.49	0.35	0.39	0.43	0.45	0.50	0.63
10/11/94		0.57	0.53	0.52	0.53	0.52	0.50	2.43	2.33	2.37	2.24	2.23	2.39
10/14/94	18q	0.00	0.00	0.00	0.00	0.00	0.00						
10/25/94	18s	0.00	0.00	0.00	0.00	0.00	0.00						
10/26/94	18t	0.00	0.00	0.00	0.00	0.00	0.00						

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
1/19/93	00b	0.00	1.88	1.33	1.16	0.99	0.78	0.71	9.54
1/19/93	00c	0.00	2.75	2.19	2.14	1.49	1.24	1.12	13.77
1/19/93	00d	0.00	4.48	3.60	3.16	2.75	2.17	2.05	17.65
1/19/93	00e	0.00	4.61	4.13	3.69	3.35	2.84	2.77	20.20
1/19/93	00f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/93	00g	0.00	0.52	0.41	0.34	0.31	0.25	0.25	3.65
1/21/93	00h	0.00	0.49	0.32	0.29	0.24	0.13	0.28	3.20
1/25/93	00i	0.00	4.61	4.13	3.69	3.35	2.84	2.77	50.49
1/27/93	00j	0.00	3.95	3.20	2.87	2.47	2.16	1.91	25.50
1/29/93	00k	0.00	2.75	2.19	2.14	1.49	1.24	1.12	17.85
1/31/93	00l	0.00	0.52	0.38	0.32	0.30	0.25	0.25	3.47
1/31/93	00m	0.00	1.64	1.23	1.04	0.90	0.77	0.70	10.71
2/10/93	00n	0.00	0.55	0.46	0.39	0.36	0.29	0.29	3.31
2/10/93	00o	0.00	0.55	0.46	0.39	0.35	0.29	0.28	4.42
2/11/93	00p	0.00	2.23	1.74	1.40	1.21	1.08	0.86	10.17
2/11/93	00q	0.00	2.20	1.75	1.40	1.27	1.02	0.89	10.20
2/11/93	00r	0.00	4.14	3.78	3.13	2.80	2.29	2.02	17.50
2/12/93	00s	0.00	5.34	4.94	4.23	3.87	3.20	2.90	26.15
2/12/93	00t	0.00	5.25	5.31	4.94	4.79	4.31	4.05	45.08
2/12/93	00u	0.00	5.25	5.31	4.94	4.79	4.31	4.05	45.08
2/23/93	00v	0.00	7.69	7.08	6.82	6.82	6.93	6.46	43.25
2/24/93	00w	0.00	1.83	1.80	1.78	1.92	1.88	1.71	1.35
2/24/93	00x	0.00	3.06	2.87	2.75	2.76	2.65	2.47	5.61
2/24/93	00y	0.00	4.20	4.03	4.03	3.94	3.83	3.58	11.19
2/24/93	00z	0.00	5.17	4.98	4.90	4.88	4.75	4.41	18.43
3/2/93	01a	0.00	0.58	0.40	0.33	0.31	0.29	0.26	1.71
3/2/93	01b	0.00	2.42	1.70	1.32	1.12	1.01	0.86	6.39
3/2/93	01c	0.00	3.84	3.32	2.82	2.32	1.98	1.61	14.14
3/2/93	01d	0.00	4.95	4.48	4.03	3.69	3.26	2.75	19.18
3/2/93	01e	0.00	7.78	7.43	6.95	6.71	6.56	5.93	45.01
3/2/93	01g	0.00	2.69	2.17	1.87	1.65	1.50	1.32	11.15
3/3/93	01h	0.00	4.30	3.92	3.56	3.26	2.92	2.49	21.22
3/3/93	01f	0.00	0.72	0.65	0.58	0.56	0.54	0.46	3.26
3/4/93	01k	0.00	5.29	4.90	5.13	5.48	5.45	4.84	21.49
3/9/93	01i	0.00	3.31	3.17	3.52	3.11	2.77	3.38	6.43
3/9/93	01j	0.00	4.08	4.39	4.28	3.90	4.30	4.02	10.40
3/9/93	01l	0.00	8.48	7.26	6.77	7.06	6.66	7.15	43.65
3/9/93	01m	0.00	0.84	0.71	0.68	0.67	0.68	0.56	2.89
3/9/93	01n	0.00	3.51	3.80	3.49	3.41	4.38	3.23	8.26
3/9/93	01o	0.00	5.53	5.46	4.60	4.88	4.75	5.37	21.49
3/15/93	01p	0.00	0.43	0.32	0.29	0.25	0.24	0.22	1.41
3/15/93	01q	0.00	1.91	1.20	0.98	0.90	0.79	0.73	5.85
3/15/93	01r	0.00	3.41	2.71	2.12	1.76	1.52	1.30	12.38
3/15/93	01s	0.00	4.95	4.07	3.46	3.02	2.60	2.09	18.77
3/15/93	01t	0.00	6.72	6.14	5.74	5.59	5.17	4.75	37.47
3/15/93	01u	0.00	0.75	0.66	0.58	0.55	0.52	0.43	3.94
3/15/93	01v	0.00	2.59	2.00	1.60	1.41	1.25	1.12	11.70
3/15/93	01w	0.00	3.48	2.98	2.53	2.25	1.98	1.88	18.22
3/18/93	01x	0.00	5.97	5.32	5.15	5.06	5.19	4.37	3.74
3/18/93	01y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
3/18/93	01z	0.00	8.39	6.61	6.25	6.11	6.03	5.17	10.47
3/18/93	02a	0.00	5.49	5.60	5.95	5.55	5.07	4.02	3.47
3/18/93	02b	0.00	6.50	5.80	5.63	5.78	5.93	5.29	7.00
3/18/93	02c	0.00	11.39	8.88	8.36	7.80	7.84	7.40	23.05
3/18/93	02d	0.00	8.80	7.63	6.91	6.89	6.82	5.96	14.82
3/19/93	02e	0.00	10.91	8.65	8.05	7.77	7.97	7.08	11.22
3/22/93	02f	0.00	0.68	0.56	0.48	0.45	0.44	0.41	4.08
3/22/93	02g	0.00	1.81	1.36	1.16	1.05	0.97	0.86	12.58
3/22/93	02h	0.00	2.97	2.37	2.01	1.80	1.68	1.50	24.14
3/22/93	02i	0.00	0.37	0.29	0.25	0.25	0.25	0.22	1.95
3/22/93	09z	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/93	02j	0.00	1.06	0.83	0.69	0.65	0.61	0.56	6.53
3/23/93	02k	0.00	2.01	1.54	1.32	1.18	1.12	0.99	13.19
3/23/93	02l	0.00	3.19	2.46	2.00	1.77	1.66	1.50	21.56
3/23/93	02m	0.00	4.24	3.45	2.94	2.69	2.47	2.20	34.17
3/24/93	02n	0.00	0.60	0.49	0.42	0.40	0.39	0.34	3.26
3/24/93	02o	0.00	1.50	1.19	1.05	0.97	0.91	0.81	9.32
3/24/93	02p	0.00	3.22	2.56	2.17	1.99	1.85	1.58	22.58
3/24/93	02q	0.00	0.42	0.32	0.27	0.26	0.25	0.22	1.86
3/24/93	02r	0.00	1.30	0.93	0.80	0.72	0.69	0.66	6.94
3/24/93	02s	0.00	2.37	1.75	1.48	1.34	1.24	1.09	12.92
3/24/93	02t	0.00	3.65	2.75	2.28	1.99	1.85	1.58	20.20
3/24/93	02u	0.00	5.12	4.27	3.64	3.30	3.03	2.57	36.99
3/24/93	02v	0.00	0.41	0.31	0.27	0.25	0.24	0.21	1.78
3/24/93	02w	0.00	1.21	0.92	0.80	0.72	0.68	0.61	7.68
3/25/93	02x	0.00	2.29	1.70	1.46	1.30	1.22	1.02	13.33
3/25/93	02y	0.00	3.55	2.63	2.17	1.86	1.73	1.52	21.22
3/25/93	02z	0.00	4.84	3.97	3.40	3.06	2.78	2.37	37.26
3/25/93	03a	0.00	0.62	0.47	0.42	0.39	0.37	0.36	2.92
3/25/93	03b	0.00	1.40	1.15	1.03	0.91	0.89	0.73	9.45
3/25/93	03c	0.00	3.33	2.59	2.21	2.00	1.88	1.65	25.02
3/25/93	03d	0.00	0.35	0.25	0.20	0.19	0.17	0.16	1.46
3/25/93	03e	0.00	1.38	0.92	0.78	0.71	0.66	0.58	6.37
3/25/93	03f	0.00	2.67	1.88	1.51	1.32	1.22	1.05	12.44
3/25/93	03g	0.00	3.99	3.08	2.44	2.10	1.86	1.59	19.69
3/25/93	03h	0.00	5.62	4.88	4.25	3.81	3.44	2.92	37.06
3/26/93	03i	0.00	0.58	0.47	0.42	0.40	0.39	0.35	3.18
3/26/93	03j	0.00	1.47	1.20	1.03	0.98	0.92	0.85	9.01
3/26/93	03k	0.00	3.36	2.70	2.29	2.06	1.90	1.69	21.42
3/26/93	03l	0.00	0.42	0.30	0.25	0.23	0.21	0.19	1.29
3/26/93	03m	0.00	2.10	1.33	1.00	0.85	0.79	0.69	5.64
3/26/93	03n	0.00	3.52	2.97	2.40	1.97	1.63	1.38	11.22
3/26/93	03o	0.00	4.51	4.10	3.75	3.52	3.10	2.56	17.31
3/26/93	03p	0.00	6.75	6.43	6.11	6.00	5.67	5.22	37.51
3/26/93	03q	0.00	0.55	0.47	0.41	0.40	0.37	0.34	2.69
3/26/93	03r	0.00	1.69	1.34	1.12	1.05	0.97	0.86	8.09
3/26/93	03s	0.00	3.85	3.52	3.13	2.86	2.70	2.12	18.97
3/29/93	03t	0.00	0.72	0.62	0.54	0.52	0.49	0.43	2.55
3/29/93	03u	0.00	3.69	3.62	3.73	4.50	3.01	3.64	6.66
3/29/93	03v	0.00	4.63	4.53	4.83	4.15	4.50	5.19	16.23

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
3/29/93	03w	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/93	03x	0.00	3.04	3.15	2.98	3.83	2.93	2.48	4.54
3/29/93	03y	0.00	4.24	3.57	3.49	4.41	4.18	3.16	8.84
3/29/93	03z	0.00	5.37	4.33	4.53	4.47	3.98	4.28	14.76
3/29/93	04a	0.00	8.15	6.90	6.09	6.46	6.75	5.79	35.60
3/30/93	04b	0.00	3.95	4.12	4.29	4.38	3.99	3.34	1.80
3/30/93	04c	0.00	4.84	4.85	4.80	4.96	4.38	4.27	6.19
3/30/93	04d	0.00	6.09	5.36	5.40	5.38	5.56	5.04	10.27
3/30/93	04e	0.00	10.08	8.47	7.81	7.48	7.51	6.62	30.74
3/30/93	04f	0.00	4.31	4.26	4.29	4.40	4.46	3.94	2.55
3/30/93	04g	0.00	5.20	5.08	4.97	5.18	5.36	4.61	8.50
3/30/93	04h	0.00	5.93	6.11	6.17	5.95	6.07	5.92	13.50
3/30/93	04i	0.00	11.89	9.19	8.05	7.87	8.10	7.70	10.13
3/30/93	04j	0.00	10.61	8.12	7.80	8.07	8.44	7.58	9.55
4/1/93	04n	0.00	5.61	4.98	4.64	5.31	5.51	4.73	14.21
4/1/93	04k	0.00	4.80	4.96	4.55	4.83	4.79	4.35	17.44
4/1/93	04l	0.00	5.50	6.65	6.19	6.56	6.80	6.21	37.03
4/1/93	04m	0.00	6.19	4.55	4.43	4.59	4.56	4.26	17.77
4/1/93	04o	0.00	9.41	7.84	6.74	6.69	6.27	6.22	33.25
4/1/93	04p	0.00	5.01	5.10	5.14	5.60	5.72	5.45	14.96
4/1/93	04q	0.00	8.37	7.34	7.47	7.41	7.06	6.86	3.49
4/2/93	04r	0.00	4.47	3.83	3.23	2.93	2.69	2.22	36.18
4/5/93	04s	0.00	2.25	1.53	1.28	0.00	0.00	0.97	13.80
4/5/93	04t	0.00	1.30	0.97	0.83	0.77	0.73	0.64	9.25
4/5/93	04u	0.00	3.20	2.59	0.00	1.91	0.00	1.49	25.30
4/5/93	04v	0.00	0.59	0.00	0.00	0.00	0.00	0.24	2.38
4/5/93	04w	0.00	1.98	1.69	1.39	1.24	1.14	0.95	7.11
4/5/93	04x	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/93	04y	0.00	3.51	3.77	3.83	3.74	3.88	3.51	2.92
4/5/93	04z	0.00	4.46	4.42	4.27	4.17	4.26	3.87	7.99
4/5/93	05a	0.00	3.97	4.06	4.07	4.24	4.33	3.78	9.08
4/5/93	05b	0.00	5.99	5.07	4.34	4.74	5.36	4.95	12.07
4/7/93	05c	0.00	6.23	6.25	6.12	5.93	5.50	4.92	36.99
4/7/93	05d	0.00	0.53	0.42	0.36	0.35	0.33	0.35	2.48
4/7/93	05e	0.00	1.50	1.25	1.11	1.03	0.98	0.86	7.60
4/7/93	05f	0.00	3.91	3.57	3.15	2.85	2.58	2.16	19.62
4/12/93	05g	0.00	5.72	5.14	5.00	5.09	5.13	4.78	11.42
4/12/93	05h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.44
6/14/93	05n	0.00	9.58	7.75	6.72	6.50	6.56	5.91	33.18
6/14/93	05o	0.00	5.98	4.96	4.65	5.18	5.46	4.98	10.78
6/14/93	05p	0.00	5.57	4.48	4.44	4.52	4.90	4.25	13.70
6/14/93	05q	0.00	5.70	4.53	4.31	4.58	4.47	4.16	11.80
6/14/93	05r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.19
6/14/93	05s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50
6/15/93	05t	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.00
6/15/93	05u	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.34
6/16/93	05v	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17/93	05w	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.38
6/17/93	05x	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.20
6/17/93	05y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.47

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
6/17/93	05z	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.97
6/28/93	06a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/1/93	06b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.69
7/1/93	06c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.16
7/1/93	06d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.47
7/1/93	06e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.74
7/6/93	06f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.87
7/6/93	06h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.80
7/8/93	06g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
7/8/93	06i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.24
7/8/93	06j	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.33
7/8/93	06k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.56
7/8/93	06l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.94
7/8/93	06m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.04
7/8/93	06n	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.81
7/8/93	06o	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.11
7/12/93	06p	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.46
7/12/93	06q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.75
7/12/93	06r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.21
7/12/93	06s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.53
7/12/93	06t	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.57
7/12/93	06u	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.25
7/12/93	06v	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.38
7/13/93	06w	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.76
7/13/93	06x	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.23
7/13/93	06y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.69
7/13/93	06z	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.84
7/17/93	07a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.66
7/17/93	07b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.20
7/17/93	07c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.13
7/19/93	07d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.08
7/19/93	07e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19/93	07f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19/93	07g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.10
7/19/93	07h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.83
7/20/93	07i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.52
7/20/93	07j	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.10
7/20/93	07k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
7/20/93	07l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.78
7/20/93	07m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.12
7/20/93	07n	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.73
7/28/93	07o	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.56
7/28/93	07p	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.50
7/28/93	07q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.95
7/29/93	07r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.35
7/29/93	07s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.31
7/29/93	07t	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.57
8/4/93	07u	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.13
8/4/93	07v	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.08
8/5/93	07w	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.15

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
8/5/93	07x	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.44
8/5/93	07y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.24
8/12/93	07z	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.39
8/12/93	08a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.35
8/12/93	08b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.44
8/17/93	08c	0.00	6.20	5.39	5.20	5.74	5.63	4.85	12.53
8/17/93	08d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/93	08j	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31/93	08k	0.00	5.41	4.59	4.53	5.02	5.26	4.67	8.31
9/1/93	08l	0.00	6.15	4.59	5.00	4.86	4.97	5.02	10.83
9/1/93	08m	0.00	5.23	4.49	4.56	4.99	5.18	4.48	9.67
9/1/93	08n	0.00	6.12	4.82	4.58	5.04	5.44	4.63	12.48
9/2/93	08o	0.00	5.69	4.58	4.46	5.09	4.91	4.38	12.78
9/2/93	08p	0.00	5.09	4.48	4.32	4.67	4.56	4.05	10.28
9/2/93	08q	0.00	6.07	4.82	4.38	4.38	4.60	4.16	13.53
9/2/93	08r	0.00	5.30	4.35	4.29	4.66	4.81	4.33	10.81
9/6/93	08s	0.00	5.61	4.71	4.23	4.64	4.91	3.81	14.04
9/6/93	08t	0.00	4.58	3.97	4.02	4.16	4.33	3.90	11.19
9/6/93	08u	0.00	5.12	4.40	4.52	4.66	5.08	4.52	15.08
9/6/93	08v	0.00	4.56	4.09	4.21	4.08	4.92	3.85	11.64
9/6/93	08w	0.00	5.20	4.49	4.37	5.06	4.28	4.10	14.18
9/6/93	08x	0.00	4.53	4.32	4.05	4.32	3.91	3.62	11.39
9/7/93	08y	0.00	5.33	4.41	4.24	4.64	4.89	4.42	15.37
9/7/93	08z	0.00	4.37	4.04	3.84	4.73	4.70	3.68	12.34
9/7/93	09a	0.00	4.97	4.30	4.47	4.44	4.75	4.35	15.71
9/7/93	09b	0.00	4.31	4.18	3.95	4.05	4.30	3.73	12.73
9/7/93	09c	0.00	6.04	5.04	4.74	5.20	5.44	4.80	11.19
9/7/93	09d	0.00	5.07	4.63	4.30	4.92	5.09	4.12	9.88
9/8/93	09e	0.00	5.76	4.48	4.82	5.27	5.27	4.42	10.86
9/8/93	09f	0.00	5.13	5.01	5.16	4.82	5.11	4.44	8.72
9/13/93	09g	0.00	5.05	4.47	4.75	4.73	4.85	4.45	16.37
9/13/93	09g	0.00	5.05	4.47	4.75	4.73	4.85	4.45	15.32
9/13/93	09h	0.00	4.18	4.16	3.74	4.79	4.79	3.64	12.43
9/14/93	09i	0.00	4.63	4.82	4.63	4.47	4.50	4.26	16.34
9/14/93	09i	0.00	4.67	4.56	4.45	4.51	4.61	4.37	16.42
9/14/93	09j	0.00	4.02	4.09	4.24	4.19	4.22	3.94	13.43
9/14/93	09k	0.00	4.72	4.43	4.38	4.45	4.47	4.26	16.76
9/14/93	09l	0.00	4.00	4.21	4.07	4.02	3.98	3.72	13.26
9/14/93	09m	0.00	4.47	4.40	4.44	4.37	4.16	3.82	17.03
9/15/93	09n	0.00	4.17	3.96	3.76	3.76	3.61	3.32	13.74
9/17/93	09o	0.00	4.70	4.27	4.25	4.38	4.25	3.87	16.74
9/17/93	09p	0.00	4.55	4.58	4.36	4.37	4.29	3.81	17.07
9/17/93	09q	0.00	4.49	4.41	4.40	4.35	4.35	3.91	17.12
9/20/93	09r	0.00	4.71	4.36	4.31	4.31	4.56	3.98	16.93
9/20/93	09s	0.00	4.51	4.52	4.33	4.35	4.63	3.99	16.91

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
9/20/93	09t	0.00	4.51	4.39	4.37	4.44	4.33	3.87	16.57
9/20/93	09u	0.00	4.35	4.60	4.37	0.00	4.55	3.95	17.15
9/21/93	09v	0.00	4.72	4.52	4.15	4.14	4.33	3.76	16.86
9/21/93	09w	0.00	4.49	4.37	4.21	4.36	4.74	3.91	17.22
9/21/93	09x	0.00	4.57	4.62	4.12	4.22	4.87	3.86	17.07
9/22/93	09y	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/93	10a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/93	10b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/93	10c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/93	10i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/93	10j	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/93	10k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/93	10l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/93	10m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/93	10n	0.00	4.65	4.51	4.33	4.48	4.95	3.95	16.91
10/6/93	10o	0.00	4.42	4.58	4.27	4.36	4.85	4.02	16.74
10/7/93	10p	0.00	4.72	4.65	4.35	4.32	4.57	4.13	17.00
10/11/93	10q	0.00	4.71	4.70	4.53	4.69	4.61	4.09	17.19
10/11/93	10r	0.00	4.55	4.53	4.47	4.68	4.86	4.23	16.47
10/12/93	10s	0.00	4.66	4.46	4.35	4.46	4.68	4.22	17.31
10/12/93	10t	0.00	4.62	4.35	4.46	4.66	5.01	4.15	16.64
10/12/93	10u	0.00	4.82	4.35	4.44	5.48	6.09	4.51	16.85
10/13/93	10w	0.00	4.58	4.61	4.35	4.59	5.10	4.33	16.81
10/14/93	10y	0.00	4.08	4.47	4.33	4.07	4.38	4.56	17.20
10/18/93	10z	0.00	5.33	4.42	4.21	4.84	4.72	4.42	13.79
10/18/93	11a	0.00	5.64	4.84	4.52	4.96	4.24	4.20	14.18
10/18/93	11b	0.00	5.50	4.49	4.42	5.09	4.87	4.35	13.72
10/19/93	11c	0.00	5.22	4.65	4.27	4.79	5.00	4.51	13.97
10/19/93	11d	0.00	5.31	4.44	4.11	5.01	5.51	4.43	14.26
10/19/93	11e	0.00	5.39	4.64	4.49	4.54	4.38	4.21	14.06
10/19/93	11f	0.00	5.24	4.51	4.45	4.93	4.61	4.23	14.38
10/20/93	11g	0.00	5.37	4.36	4.31	4.64	5.26	4.97	14.45
10/20/93	11h	0.00	5.34	4.63	4.58	5.17	5.19	4.31	14.14
10/20/93	11i	0.00	5.31	4.49	4.35	5.55	6.01	4.79	14.13
10/21/93	11j	0.00	5.07	4.64	4.52	4.92	4.54	4.36	14.01
10/21/93	11k	0.00	5.12	4.31	4.37	5.05	4.92	4.25	13.99
10/21/93	11l	0.00	5.29	4.35	4.49	4.90	4.66	4.32	14.11
10/21/93	11m	0.00	5.21	4.69	4.22	5.31	5.24	4.32	14.64
10/21/93	11n	0.00	5.29	4.61	4.61	6.11	6.00	4.49	14.19
10/22/93	11p	0.00	5.25	4.37	4.44	5.23	5.16	4.39	14.47
10/22/93	11q	0.00	5.30	4.59	4.60	4.87	5.00	4.54	14.74
10/22/93	11r	0.00	5.01	4.59	4.48	5.47	6.06	4.42	14.02
10/22/93	11s	0.00	5.06	4.33	4.65	5.90	6.56	4.64	13.94
10/22/93	11t	0.00	5.15	4.59	4.46	4.83	4.73	4.32	14.48
10/25/93	11u	0.00	5.23	4.48	4.44	5.10	5.14	4.02	14.16

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
10/25/93	11v	0.00	5.42	4.43	4.66	4.88	5.05	4.65	14.62
10/25/93	11w	0.00	5.37	4.54	4.40	5.32	5.73	4.50	14.65
10/25/93	11x	0.00	5.07	4.37	4.69	6.98	6.02	4.79	14.91
11/14/93	10x	0.00	4.69	4.65	4.14	4.32	4.65	4.14	17.07
11/21/93	11o	0.00	4.97	4.30	4.62	4.25	4.57	4.83	14.40
2/23/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.18
2/23/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2/23/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2/24/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.11
4/18/94	12a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	12b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	12c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	12d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	12e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/94	A12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4/21/94	B12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5/2/94	12f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/94	12g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/94	12h	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/94	12i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/94	12j	0.00	9.00	8.33	6.86	7.07	7.10	5.24	1.34
5/3/94	12r	0.00	5.99	6.27	5.84	5.58	5.17	4.02	0.53
5/3/94	12k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12n	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12o	0.00	7.32	6.71	6.41	6.34	6.06	4.82	1.10
5/3/94	12p	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/94	12s	0.00	6.96	6.69	6.47	6.36	6.06	4.73	2.62
5/3/94	12t	0.00	7.77	7.51	6.85	7.16	7.01	5.86	3.11
5/5/94	12u	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/94	12v	0.00	5.13	4.98	4.96	4.89	4.77	3.77	0.53
5/6/94	12w	0.00	4.62	4.25	4.09	4.14	4.27	3.96	4.64
5/6/94	12x	0.00	5.62	5.49	5.34	5.26	5.22	4.70	7.29
5/6/94	12y	0.00	9.12	7.37	6.63	6.26	6.08	5.47	13.23
5/6/94	12z	0.00	3.51	3.45	3.48	3.56	3.44	3.11	2.62
5/6/94	13a	0.00	4.52	4.39	4.42	4.34	4.47	4.31	5.42
5/6/94	13b	0.00	5.56	5.07	4.86	4.92	5.13	4.78	8.82
5/6/94	13c	0.00	9.32	7.22	6.29	6.20	6.01	5.91	16.74
5/9/94	13d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/9/94	13e	0.00	3.19	2.86	2.66	3.03	3.03	2.92	3.20
5/9/94	13f	0.00	4.07	3.78	3.64	3.60	3.60	3.60	7.62
5/9/94	13g	0.00	5.38	4.77	4.43	4.41	4.37	4.30	11.51
5/9/94	13h	0.00	9.24	7.36	6.42	6.50	6.09	5.92	24.43
5/11/94	13i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11/94	13j	0.00	2.80	2.59	2.36	2.28	2.72	2.55	4.95
5/11/94	13k	0.00	3.53	3.22	3.36	3.27	3.15	3.37	8.36
5/11/94	13l	0.00	4.82	4.31	3.81	3.91	4.05	4.28	13.74
5/11/94	13m	0.00	7.33	6.77	6.01	5.92	5.94	5.73	32.20

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
5/11/94	13n	0.00	1.61	1.67	1.99	1.74	1.76	1.47	1.19
5/11/94	13o	0.00	2.65	2.70	2.55	2.78	2.45	2.38	4.79
5/11/94	13p	0.00	3.57	3.61	3.14	3.53	3.22	3.82	9.26
5/11/94	13q	0.00	4.91	4.18	3.88	4.07	4.20	4.18	14.04
5/11/94	13r	0.00	7.17	6.41	5.90	5.84	5.74	5.61	30.96
5/13/94	13s	0.00	6.41	6.09	5.79	6.10	6.03	5.98	32.55
5/13/94	13t	0.00	4.57	4.61	4.19	4.35	4.89	4.75	16.59
5/13/94	13u	0.00	3.56	3.74	3.56	3.71	3.68	3.57	10.71
5/13/94	13v	0.00	2.71	2.71	2.84	2.74	2.65	2.69	5.56
5/13/94	13w	0.00	1.42	1.45	1.29	1.33	1.28	1.18	1.05
5/13/94	13x	0.00	5.65	5.42	5.25	5.35	5.65	5.42	27.95
5/13/94	13y	0.00	4.37	4.31	4.10	4.35	4.58	3.91	15.89
5/13/94	13z	0.00	3.44	3.65	3.24	3.34	3.75	3.44	9.76
5/16/94	14a	0.00	2.55	2.58	2.41	2.42	2.57	2.53	4.73
5/16/94	14b	0.00	1.30	1.35	1.09	0.83	0.29	0.19	0.76
5/16/94	14c	0.00	5.59	5.56	5.40	5.53	5.84	5.84	29.00
5/16/94	14d	0.00	4.30	4.15	4.07	4.28	4.18	4.09	15.06
5/16/94	14e	0.00	3.34	3.50	3.26	3.39	3.39	3.32	9.28
5/16/94	14f	0.00	2.47	2.45	2.26	2.34	2.31	2.33	4.78
5/17/94	14g	0.00	0.75	0.17	0.17	0.15	0.15	1.44	0.70
5/17/94	14h	0.00	5.26	5.40	4.93	5.27	5.36	5.26	26.77
5/17/94	14i	0.00	4.20	4.17	3.79	3.87	3.73	3.58	16.69
5/17/94	14j	0.00	3.30	3.22	2.68	2.54	2.24	1.95	10.79
5/17/94	14k	0.00	2.19	1.70	1.19	0.97	0.86	0.80	5.49
5/17/94	14l	0.00	0.67	0.35	0.27	0.24	0.22	0.21	1.22
5/17/94	14m	0.00	4.93	5.42	4.89	4.98	4.89	4.95	25.23
5/20/94	14n	0.00	4.35	4.33	4.02	3.83	3.92	4.22	15.79
5/20/94	14o	0.00	3.23	3.40	3.17	3.20	3.30	3.41	9.62
5/20/94	14p	0.00	2.44	2.45	2.28	2.25	2.24	2.31	4.81
5/20/94	14q	0.00	1.35	1.55	1.42	1.19	1.62	1.34	0.92
5/20/94	14r	0.00	5.20	5.25	4.89	5.31	5.52	5.35	27.98
5/20/94	14s	0.00	4.31	4.22	3.94	4.00	3.99	3.96	16.46
5/20/94	14t	0.00	3.34	3.25	3.00	2.87	2.71	2.60	10.49
5/23/94	14u	0.00	0.44	0.25	0.20	0.19	0.16	0.15	1.24
5/23/94	14v	0.00	5.18	5.18	4.88	5.01	4.89	4.77	27.11
5/23/94	14w	0.00	3.07	3.32	3.60	3.68	3.92	4.25	17.31
5/23/94	14x	0.00	3.30	2.84	2.40	2.10	1.79	1.56	10.83
5/23/94	14y	0.00	1.97	1.38	1.00	0.87	0.80	0.73	5.63
5/23/94	14z	0.00	0.35	0.23	0.17	0.16	0.15	0.13	1.27
5/27/94	15a	0.00	5.08	4.75	4.26	3.98	3.67	3.38	29.31
5/27/94	15b	0.00	3.95	3.44	2.82	2.42	2.15	1.95	17.87
5/30/94	15c	0.00	2.71	1.98	1.54	1.33	1.18	1.10	10.34
5/30/94	15d	0.00	1.33	0.90	0.72	0.64	0.60	0.56	5.29
5/30/94	15e	0.00	0.25	0.17	0.13	0.12	0.10	0.10	1.10
5/30/94	15f	0.00	4.40	3.92	3.35	3.05	2.75	2.53	25.98
5/30/94	15g	0.00	3.87	3.12	2.48	2.16	1.91	1.75	18.34
5/30/94	15h	0.00	2.70	1.99	1.58	1.38	1.26	1.18	12.05
5/30/94	15i	0.00	1.40	0.99	0.82	0.73	0.68	0.64	6.10
8/16/94	17d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8/16/94	17e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Data Summary

DATE	EXP	S1MH	S2MH	S3MH	S4MH	S5MH	S6MH	S7MH	MDOT
8/17/94	17f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8/17/94	17g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8/18/94	17h	0.00	0.34	0.27	0.21	0.20	0.19	0.19	1.55
8/18/94	17j	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8/18/94	17k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9/8/94	17l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9/9/94	17m	0.00	4.41	4.50	4.28	4.43	4.39	4.38	18.65
9/12/94	17n	0.00	4.36	4.40	4.31	4.31	4.29	4.31	18.82
9/12/94	17o	0.00	4.34	4.30	4.19	4.31	4.34	4.44	17.59
9/12/94	17p	0.00	4.30	4.35	4.24	4.22	0.00	4.37	19.16
9/12/94	17q	0.00	4.43	4.44	4.27	4.36	4.38	4.46	19.19
9/13/94	17r	0.00	4.30	4.37	4.23	4.25	4.44	4.32	18.97
9/13/94	17s	0.00	4.24	4.39	4.19	4.25	4.29	4.25	18.67
9/13/94	17t	0.00	4.26	4.30	4.26	4.31	4.27	4.33	18.07
9/14/94	17u	0.00	4.18	4.32	4.21	4.19	4.25	4.20	19.24
9/14/94	17v	0.00	4.20	4.23	4.17	4.18	0.00	4.20	20.35
9/14/94	17w	0.00	4.13	4.17	4.09	4.10	4.04	4.16	18.75
9/14/94	17x	0.00	3.84	3.89	3.68	3.80	3.79	3.79	19.55
9/14/94	17y	0.00	3.71	3.63	3.56	3.55	3.48	3.54	18.29
9/14/94	17z	0.00	3.92	3.94	3.83	3.86	3.83	3.93	18.94
9/14/94	18a	0.00	3.67	3.61	3.56	3.54	3.49	3.54	17.71
9/14/94	18b	0.00	3.74	3.73	3.66	3.69	3.67	3.76	17.95
9/14/94	18c	0.00	3.65	3.61	3.49	3.53	3.46	3.51	18.14
9/14/94	18d	0.00	3.38	3.38	3.43	3.42	3.59	3.66	36.28
9/25/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/6/94	18k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/6/94	18l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/7/94	18m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/7/94	18n	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/10/94	18o	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/10/94	18p	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/10/94		0.00	5.36	4.97	4.68	4.72	4.33	4.61	28.99
10/10/94		0.00	8.52	7.81	7.02	6.65	6.00	4.82	3.02
10/11/94		0.00	6.79	7.09	6.99	7.39	7.41	6.92	16.53
10/14/94	18q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/25/94	18s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/26/94	18t	0.00	0.00	0.00	0.00	0.00	0.00	0.00	