

**STUDY ON BACKTESTING TECHNIQUES OF VAR FOR CHINA STOCK  
MARKETS**

**By**

**Meng Yan (Section B)**

**A00364205**

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**Under the direction of Dr. Colin Dodds**

**Approved: Dr. Colin Dodds**

**Academic Advisor**

**Approved: Dr. Francis Boabang**

**MFIN Director**

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## **ABSTRACT**

### **Study on Backtesting Techniques of VaR for China Stock Markets**

**By Meng Yan (A00364205)**

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VaR is a popular type of technique that focuses on risk measurement, whereas, the precision of VaR model is relied on the backtesting of VaR. Therefore, the approaches of backtesting are initially significant for us to measure the model of VaR.

In order to obtain a relatively correct VaR model, the author builds a GARCH model and eliminates the heteroscedasticity effect of this model. Since the importance of risk measurement, the backtesting methods of VaR model should not be ignored. Insofar as we can see, there are two methods of backtesting which are unconditional coverage backtesting and conditional coverage backtesting.

The results of this study reveal that a backtesting VaR model should not just depend on the test of unconditional coverage, but rely on the conditional coverage backtesting. The reason to consider the independence of exception and unconditional coverage backtesting is that the joint test is a more sound and powerful test for us to measure the VaR model.

In this study, the author has critically assessed the accuracy of a VaR model to China's stock market and compared the methods of backtesting. The daily VaRs are calculated by using the Shanghai composite index for the period 2002- 2011.

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## **Chapter One INTRODUCTION**

### **1.1 Purpose of Study**

VaR is the worst loss under a fixed confidence level over a specific horizon. It is a statistical indicator of market risk based on exposures. Its function mainly services as a risk management tool. Hence, it is critical to judge the precision of the VaR estimators. This is the reason that the use of VaR model always should be followed by validation. Validation is a process of judging if a model is sound and reasonable. This process can be taken by backtesting techniques.

Backtesting is a statistical framework that checks whether the actual losses are larger than VaR. This consists of systematically comparing VaR measures with the subsequent actual losses. The procedure is called a reality check and it is important for risk managers who need to judge whether their VaR estimators are well projected. This procedure also provides comments for model improvement. Therefore, it should be an element of VaR system.

At present, there are two methods of backtesting, which are unconditional coverage backtesting and conditional coverage backtesting. Unconditional coverage backtesting was suggested by Kupiec (1995), which includes two tests (i.e. POF-Test and TUFF-Test). However, both of the tests have shortcomings. Nieppola (2009) claimed, "POF-Test is statistically weak for sample size consistent with current regulatory framework." Besides that, the tests of POF and TUFF only measure the number of exceptions, which means they ignored the time dynamics of exceptions.

Moreover, a TUFF-Test is also not suitable for large samples. For the sake of resolving the drawbacks of unconditional coverage test, the author utilized the conditional coverage backtesting, combining unconditional coverage backtesting and independence of exception to assure the exceptions of VaR independent in any time. This paper uses VaR to evaluate the market risk of China stock market and uses two different backtesting techniques to judge the accuracy of the VaR model. It will also show the different work processes between two backtesting techniques.

## **1.2 Organization of Study**

The remainder of the paper is structured as follows. Chapter 2 offers a literature review from two perspectives, which are the backtesting techniques of VaR and researches of China stock markets. Chapter 3 establishes the GARCH model for VaR calculation and two backtesting techniques of the VaR model. Chapter 4 conducts an empirical analysis based on the theories of Chapter 3. Finally, Chapter 5 presents the conclusion of the research and direction of future work.

## **Chapter 2 LITERATURE REVIEW**

### **2.1 The Backtesting Techniques of VaR**

Risk exposures are defined as a VaR estimator. VaR is the worst loss under a fixed confidence level over a specific horizon. The risk measurement model began from 1993, and recently the participants of financial markets have shown increasing interests in VaR risk measurement model. Hence, the accuracy of this model is a hot question for every market participant, such as the regulator, the investor, the banker, etc.

However, Kupiec (1995) suggests that little research has considered the statistical techniques that would be appropriate for judging the quality of a VaR estimator. There is a set of tools to validate the VaR model, including backtesting tests, stressing tests, and VaR estimation error. This dissertation will focus on the comparison of backtesting techniques.

Backtesting is a statistical framework that judging whether the actual losses are larger than VaR estimators. Lucas (2011) claimed,

“The Basel proposals for the use of internal models in conjunction with backtesting procedures have been turned out that are highly inadequate.”

The current backtesting framework does not do a good job on VaR validation.

Also Christoffersen (2004) claimed that the lack of real portfolio data, which makes the valuation of VaR, were mostly based on artificial data, such as Beder (1995), Hendricks (1996), and so on. In this dissertation, under the China emerging stock markets, the author will use the real portfolio data, which makes more reality.



The traditional backtesting techniques are performance-based VaR valuation tests. These tests require large samples to obtain a reliable evaluation of a model's precision and compare the difference between the actual losses and the projected losses. If the daily actual loss is more than the daily VaR estimator, then that will be an exception. The key assumption of these tests is that the daily return forecasts are efficient and potential loss estimates are independent across days, which means these techniques only consider the number of exceptions, rather than the distribution of exceptions. The Neyman-Pearson lemma establishes that the likelihood ratio (LR) hypothesis test is uniformly powerful against simple alternative hypothesis. As the attention of VaR is ascending, there are some emerging backtesting techniques of VaR.

The previous techniques assume that the portfolio returns are uncorrelated over successive time intervals. This assumption is consistent with efficient markets, where the current price includes all relevant information about a particular asset. By contrast, these new techniques established by Christoffersen (1996) consider that the higher-order moment dynamics are present. Consequently, it is crucial to build a framework for conditional coverage, which means not only the number of exceptions needs to be considered, but also the distribution of exceptions. This framework is a conditional coverage testing, extends the  $LR_{ic}$  statistic to specify that the deviations must be serially independent.

The Christoffersen (2004) also provided another approach based on duration of days between the violations of VaR estimators. He mentioned to an event where the actual

loss exceeds the VaR as a violation. And the significance in backtesting is the clustering of violations. This method is similar to the conditional coverage backtesting in some aspects.

A recent study by Viridi (2011) also reviews the backtesting methods. In the paper, Viridi critically examined assumptions and features of various backtesting methods and assessed their accuracy in Indian capital market. His study suggest that the present backtesting methods are not very efficient and low statistical power in differentiating good VaR model from bad VaR model.

## **2.2 Researches on China Stock Market**

A mature stock market is supposed to be efficient. Conversely, the emerging stock markets such as China, are weak and have many potential problems. Especially, after the subprime mortgage crisis (2007), the stock market was characterized by highly volatility during a bear market. Nieppola (2009) claims that correlation among equities increases. This kind of problem is remarkably challenging for unconditional coverage backtesting, because of its assumption mentioned above.

Some traditional and emerging backtesting techniques of VaR have been established. However, there is no complete and detailed detection for judging the quality of these backtesting techniques. Furthermore, the previous researchers used artificial data to calculate and backtest VaR, which would distort the reality. This study will improve the drawbacks mentioned above to compare the backtesting techniques of VaR under China stock market.

## Chapter 3 METHODOLOGIES

### 3.1 Data Sources

The VaR forecasts are generated by the Shanghai (securities) Composite Index, obtained from Database for the period of January 4<sup>th</sup>, 2002 to December 30<sup>th</sup> 2011. This Index contained all stocks that are traded on the Shanghai Stock Exchange. While there are many indices in China stock markets, the Shanghai Composite Index is the oldest and provides the most available data, and to a certain extent, reflects the whole Shanghai stock market information. In short, the Shanghai composite index is more convenient and appropriate.

### 3.2 The Method to Calculate VaR

#### 3.2.1 Measuring Returns

There are two types of methods to measure return, arithmetic return rate and geometric return rate. The arithmetic rate of return is defined as the capital gain plus any interim payment such as dividend or coupon D divided by the initial price.

$$r_t = \frac{P_t + D_t - P_{t-1}}{P_{t-1}} \quad (3.1)$$

The geometric rate of return is defined in terms of the logarithm of the price ratio.

$$R_t = \ln \frac{P_t + D_t}{P_{t-1}} \quad (3.2)$$

where  $P_t$  is the price of asset at day t.

In this study, the geometric rate of return is chosen as a measure. According to some studies, the geometric rate of return is better than arithmetic to use in finance models.

There are two merits of using geometric return rates. First, it will be more economically meaningful than arithmetic returns. Second, it easily allows extensions into multiple periods. For the stock market index, the coupon  $D$  is zero, that is,

$$R_t = \ln \frac{P_t}{P_{t-1}} \quad (3.3)$$

### 3.2.2 Conditional VaR Model

VaR is the worst loss over a specific horizon under a fixed confidence level. According to the Jorion (2007), there are two critical quantitative factors; the time horizon and the confidence level. VaR can be defined as:

$$P(\Delta V_{\Delta t} > \text{VaR}) = 1 - c \quad (3.4)$$

where  $c$  is the confidence level and  $\Delta V_{\Delta t}$  is largest loss, measured as a positive value. VaR also reported as a positive value. Under the normal assumption, the formula of VaR is:

$$\text{VaR} = W_0 z_\alpha \sigma \sqrt{\Delta t} \quad (3.5)$$

where  $W_0$  is the initial investment, in this study, we set it as \$1.  $Z_\alpha$  is the quantiles of standard normal distribution.  $\sigma$  is the standard deviation. Our purpose is to get the daily VaR, the  $\Delta t$  equal to 1.

So that we can get a convenient VaR formula:

$$\text{VaR} = z_\alpha \sigma \quad (3.6)$$

For an unconditional VaR means that the variance is fixed and conditional VaR means that the variance will follow the time change. In this study, we will use the conditional VaR model, so the  $\sigma$  should be defined as  $\sigma_t$ . Now, VaR can be

calculated through:

$$\text{VaR}_t = z_\alpha \sigma_t \quad (3.7)$$

Many real diagnosis results indicated: most of financial time series existence leptokurtosis and fat tail. That is to say, the distribution will appear a high kurtosis and fat tail. So in order to descriptive this character, Jorion (2007) assumes that  $z_\alpha$  is following the student t distribution, whose PDF is:

$$f(x) = \frac{\Gamma\left[\frac{n+1}{2}\right]}{\Gamma\left[\frac{n}{2}\right]} \frac{1}{\sqrt{n\pi}} \frac{1}{\left(1 + x^2/n\right)^{(n+1)/2}} \quad (3.8)$$

where  $\Gamma()$  is the gamma function, and  $n$  is a shape-defining parameter known as the degrees of freedom. When  $n$  is very large, this function tends to the normal PDF.

We also can assume  $z_\alpha$  is following the generalized error distribution (GED). Its PDF is:

$$f(x) = \frac{v}{\lambda 2^{(1+1/v)} \Gamma(1/v)} e^{\left[-\frac{1}{2}x/\lambda^v\right]} \lambda = \left[2^{-(2/v)} \Gamma(1/v) / \Gamma(3/v)\right]^{(1/2)} \quad (3.9)$$

where  $v$  is a shape-defining parameter. When  $v = 2$ , GED is a normal distribution. Jorion (2007) points out that the method based on normal distribution (Equation 3.7) can be generalized to other distributions as long as all the uncertainty is contained in  $\sigma$ . Instead of a normal distribution, we could select a student t or GED distribution

which has fatter tails.

We have known how to get the  $z_\alpha$  now, according to Equation 3.7, next we will try to get the variance  $\sigma_t^2$  and standard deviation  $\sigma_t$ .

### 3.2.3 GARCH Model

Consider the situation of variance will follow the time change in conditional VaR model; we need to figure out the variance series. The GARCH model can provide a more accurate calculation. In this section, I will introduce the GARCH model.

Engle (1992) first presented the autoregressive conditional heteroscedasticity model (ARCH model), and then Bollerslev (1986) developed it to a generalized ARCH model (GARCH model). Those models are widely applied in each field of economics, especially used in financial time series analysis.

The main point of ARCH model is: the conditional variance of residual  $\mu_t$  is dependent on the previous residual  $\mu_{t-1}$ .

For a stock index series, suppose the series follow a random process:

$$y_t = \mu_t + u_t \quad (3.10)$$

The conditional variance is:

$$\sigma_t^2 = \omega + \alpha u_{t-1}^2 \quad (3.11)$$

Because Equation 3.11 just depends on the previous  $\mu_{t-1}$ , so it is an ARCH (1)

process. Consider more lags of observation and the ARCH (p) process is:

$$\sigma_t^2 = \omega + \sum_{i=1}^p \alpha_i u_{t-i}^2 \quad (3.12)$$

Engle (1982) suggest a lag range multiplier test (ARCH LM test) to inspect the ARCH effect of residual series. The null hypothesis is: the residual series hasn't existed ARCH effect until p lags.

$$\hat{u}_t^2 = \alpha_0 + \left( \sum_{s=1}^p \alpha_s \hat{u}_{t-s}^2 \right) + \varepsilon_t \quad (13)$$

There are two statistics in this test regression, the F-statistic and T\*R-squared statistic. The F-statistic does an omitted variable inspection on all residual squares of the lag of joint significance. T\*R-squared is the Engle's LM statistic. In general, it is close to  $\chi^2(p)$  distribution.

In the actual application, the ARCH (p) model always need bigger lags to get a better fitting result. It will increase the difficulty of parameter estimation. In order to solve this problem, Bollerslev (1986) develop the GARCH model. Adding lags to  $\sigma_t^2$  in the ARCH model. The GARCH model is formed by mean equation and conditions variance equation. The mean equation is confirmed by an ARMA (p, q) model:

$$r_t = c + \sum_{i=1}^p \phi_i r_{t-i} + \sum_{j=1}^q \theta_j u_{t-j} \quad (3.14)$$

where the  $u_t$  is the residual of mean equation. According to the residual series, we can build the conditional variance formula. So the GARCH (p, q) model is:

$$\sigma_t^2 = \omega + \sum_{i=1}^p \alpha_i u_{t-i}^2 + \sum_{j=1}^q \beta_j \sigma_{t-j}^2 \quad (3.15)$$

Most common is the GARCH (1, 1) model, the standard expression is:

$$y_t = x_t' \gamma + u_t \quad t = 1, 2, \dots, T \quad (3.16)$$

$$\sigma_t^2 = \omega + \alpha u_{t-1}^2 + \beta \sigma_{t-1}^2 \quad (3.17)$$

My calculation will use GARCH (1, 1) model in this dissertation. The mean equation is:

$$y_t = \mu + u_t \quad (3.18)$$

### 3.3 Techniques for Backtesting VaR

Backtesting is a statistical framework that judges whether the actual losses are larger than VaR. This process provides ideas for model improvement.

The choice of the quantitative factors is important for backtesting considerations. Model backtesting involves systematic comparisons of VaR with the subsequent returns. Hence, we should maximize the likelihood of catching biases in VaR forecasts. Longer horizons reduce the number of independent observations and thus the power of the tests. Likewise, too high a confidence level reduces the accepted number of observations in the tail and thus the power of the tests. Accordingly, 1-day horizon and 95% backtesting confidence level will be used.

In this research, the author will focus on two backtesting methods which are



conditional coverage and unconditional coverage.

### 3.3.1 Unconditional Coverage

#### 3.3.1.1 POF- Test

The most famous test based of failure rates has been suggested by Kupiec (1995).

The Kupiec test, also called the POF-test, measures whether the observed failure rate is consistent with the true probability.

If stock performance can be monitored, day-to-day profits and losses determine the outcome of a binomial event: Either the actual loss on trading activities is less than its estimate VaR (a success), or the loss on trading activities exceeds the estimate VaR (an exception). Furthermore, the daily forecasts are efficient, potential loss estimates are independent across days. Under this context, the technique to check the accuracy of VaR model is to record the failure rate  $\hat{p}$ , which gives the proportion of times VaR is exceeded in a given actual loss.

According to Kupiec (1995), suppose a bank provides a VaR with a 99% confidence level ( $c$ ) for a total of  $T$  days, the user calculates how many times that the actual loss exceeds the VaR of the previous day, then defines  $N$  as the number of exceptions and  $N/T$  as the observed failure rate  $\hat{p}$ . Typically, the observed failure rate should be an unbiased measure of  $p$ , where  $p= 1-c$ . The null hypothesis for POF-test is:

$$H_0: p= \hat{p}= \frac{N}{T}$$

Under the null hypothesis, that VaR model is correct.

Kupiec (1995) developed approximate 95 percent confidence regions for this

unconditional coverage test, as shown in Table 3.1. These regions are defined by the log-likelihood ratio:

$$LR_{uc} = -2 \ln[(1 - p)^{T-N} p^N] + 2 \ln \left\{ \left[ 1 - \left( \frac{N}{T} \right) \right]^{T-N} \left( \frac{N}{T} \right)^N \right\} \quad (3.19)$$

which is asymptotically distributed chi-square with one freedom degree under null hypothesis that  $\hat{p}$  is the true probability. The null hypothesis will be rejected if  $LR > 3.841$ .

Table 3.1: Nonrejection regions for POF-test under different confidence levels and sample sizes

		Nonrejection Region for Number of Failures N		
Probability level p	VaR confidence level c	T= 252 days	T= 510 days	T= 1000 days
0.01	99%	N<7	1<N<11	4<N<17
0.025	97.5%	2<N<12	6<N<21	15<N<36
0.05	95%	6<N<20	16<N<36	37<N<65
0.075	92.5%	11<N<28	27<N<51	59<N<92
0.10	90%	16<N<36	38<N<65	81<N<120

Table 3.1 shows 95% VaR confidence regions for the POF-test. Those figures show how the power of POF-test is getting stronger as the sample size becomes larger. For

example, when  $T = 252$  days and  $p = 97.5\%$ , the interval  $\frac{N}{T}$  for accepting the model is:

$$(2/252 = 0.007936508, \quad 12/252 = 0.047619048)$$

With 1000 days the confidence interval will be much smaller:

$$\left( \frac{15}{1000} = 0.015, \quad \frac{36}{1000} = 0.036 \right)$$

Consequently, with more data we can reject an inaccurate VaR model more easily.

(See Jorion (2007)).

Table 3.1 also shows a problem. For small values of parameter  $p$ , it becomes increasingly hard to confirm deviations. When  $p = 0.01$  and  $T = 252$  days, for instance, the nonrejection region is  $N < 7$ . Consequently, there is no way to say whether  $N$  is abnormally small or the risk is systematically overestimated by the model.

### 3.3.1.2 TUFF-Test

Kupiec (1995) also suggested another test of backtesting, the TUFF-test (time until first failure). This test also suggests that the daily forecasts are efficient and potential loss estimates are independent across days, the initial monitoring statistic of interest is the number of observations until a failure is observed. He defined  $V$  as the number of days until the first failure is recorded and  $p$  is the probability of a failure on any given day.

The LR statistic for testing is given by Equation 3.20:

$$LR = -2 \ln[p(1-p)^{V-1}] + 2 \ln \left[ \left( \frac{1}{V} \right) \left( 1 - \frac{1}{V} \right)^{V-1} \right] \quad (3.20)$$

This has a chi-square distribution with one degree of freedom. The critical value of 95 percent backtesting confidence level is 3.841. If the likelihood ratio exceeds 3.841, the null hypothesis that  $\hat{P}$  is the true probability will be rejected.

The TUFF-test is best used only as a preliminary to the POF-test when there is no larger data set available, claimed by Dowd (1998). This test also provides a useful framework for testing independence of violations.

So far the framework focuses on unconditional coverage because it ignores the time variation in the data. The observed exceptions, however, could bunch closely in time. Hence, it will fail to reject a model that generates intensive exceptions. Thus, Campbell (2005) suggested, “backtesting should not rely exclusively on unconditional coverage backtesting.”

### **3.3.2 Conditional Coverage**

From Section 3.3.1, it is clear that  $LR_{uc}$  is only concerned with the exception numbers of VaR and ignores the time variation of exceptions. However, if the model of VaR is correct, the exceptions of VaR should be independent and identically distributed. Thus, it would be tough to capture the volatility characters of asset changes in some certain circumstances for VaR model.

Since there are some problems in the backtesting method of  $LR_{uc}$ , Christoffersen (1998) observed a more powerful test which is the conditional coverage test that assures the exceptions of VaR independent in any time. This test is a joint test that combines unconditional coverage backtesting and independence of exception with its

more complex and power formula as follows:

$$LR_{cc} = LR_{uc} + LR_{ind} \quad (3.21)$$

Initially, according to Christoffersen (1998), we should know that the formula of independence of exception is

$$LR_{ind} = 2 \times \frac{\ln[(1 - \pi_{01})^{n_{00}} \pi_{01}^{n_{01}} (1 - \pi_{11})^{n_{10}} \pi_{11}^{n_{11}}]}{\ln[(1 - \pi)^{(n_{00} + n_{10})} \pi^{(n_{01} + n_{11})}]} \quad (3.22)$$

where  $n_{ij}$  is defined as the number of days when condition  $j$  occurred assuming that condition  $i$  occurred on the previous day. The formulas of  $\pi_{01}$ ,  $\pi_{11}$  and  $\pi$  are following:

$$\pi_{01} = \frac{n_{01}}{(n_{00} + n_{01})} \quad (3.23)$$

$$\pi_{11} = \frac{n_{11}}{(n_{10} + n_{11})} \quad (3.24)$$

$$\pi = \frac{(n_{01} + n_{11})}{(n_{00} + n_{01} + n_{10} + n_{11})} \quad (3.25)$$

$n_{00}$  is not VaR violation at time  $I$  and on  $I-1$  day

$n_{01}$  is VaR violation on time  $I$  but no VaR violation at time  $I-1$  day

$n_{10}$  is not VaR violation at time  $I$  but there is VaR violation on  $I-1$  day

$n_{11}$  is VaR violation at time  $I$  followed at other VaR violation at time  $I-1$  day

where  $\pi_i$  represents the probability of observing an exception conditional on state  $i$  on the previous day.

For those equations above, each element is independently distributed as  $\chi^2(1)$  asymptotically and the sum is distributed as  $\chi^2(2)$ . Therefore, at the 95 percent test confidence level, we can reject independence alone if  $LR_{ind} > 3.841$ . Simultaneously, we can reject the value if  $LR > 5.991$ .

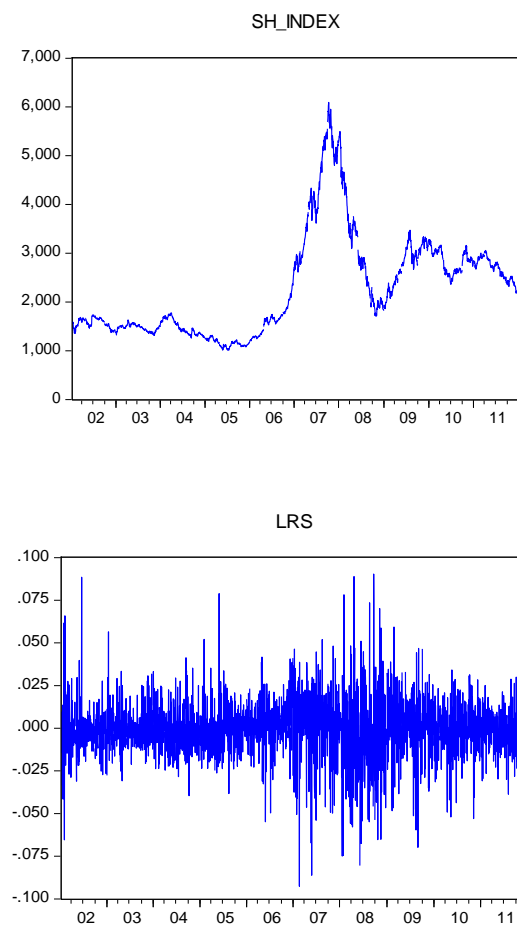
## Chapter 4 RESULTS

### 4.1 VaR Calculation

#### 4.1.1 Descriptive Statistics

According to Equation (3.3), the daily log-returns of this index are presented in the Appendix. The daily closing price and log-returns series (LRS) are shown in Figure 4.1.

Figure 4.1: Time series of daily stock index and log-return (4th January of 2002 to 30th December of 2011)



We see in Figure 4.1 that the index fluctuated widely from 2006 to 2008. Descriptive

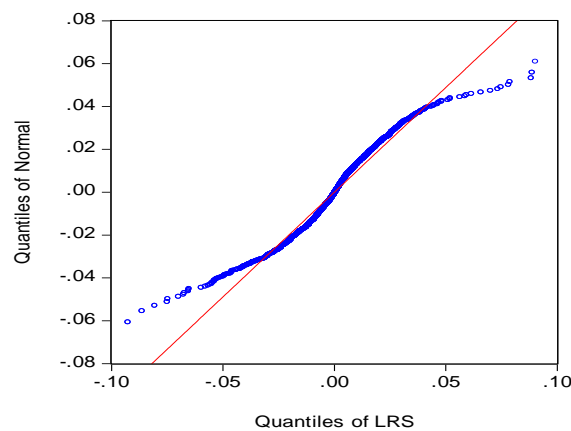
statistics for the log-return series are presented in Table 4.1.

Table 4.1 Descriptive statistics of daily log-returns series (LRS)

Mean	0.000128	Skewness	-0.167302
Median	0.000565	Kurtosis	6.464813
Maximum	0.090348		
Minimum	-0.092562	Jarque-Bera	1222.291
Std. Dev.	0.017231	Probability	0.000000

Table 4.1 reports that the skewness of LRS is -0.167302, smaller than 0, kurtosis is 6.464813, larger than 3. These indicate the distribution of LRS is left skewed and has a leptokurtosis. The Jarque-Bera statistic also confirms this series is different to a normal distribution. The Quantile-Quantile graph (Figure 4.2) also shows that the tail of LRS distribution is much different with the normal distribution.

Figure 4.2: LRS Q-Q graph



Therefore some large deviation could be generated if a normal distribution is applied



directly.

#### 4.1.2 Data Processing

Before building the model, we need to comprehend the characters of log-return series. Therefore, the next step is to process stationary, autocorrelation and heteroscedasticity tests for LRS.

The stationary test is based on the Augmented Dickey-Fuller (ADF) test which is one type of Unit Root Test. The test result is shown in Table 4.2. The ADF statistic equal to -48.89691, and it is smaller than the test critical values (-3.432858) under the 1% significance level. So we can say that the series is a Stationary Time Series under the 99% confidence level.

Table 4.2: Stationary test

	ADF statistic	Prob.	1% critical value	5% critical value
LRS	-48.89691	0.0001	-3.432858	-2.862534

Table 4.3: Correlogram of LRS

Lags	AC	PAC	Q-Stat	Prob
1	0.006	0.006	0.0759	0.783
2	-0.010	-0.010	0.2957	0.863
3	0.038	0.038	3.8389	0.279
4	0.048	0.047	9.3762	0.052

5	-0.004	-0.003	9.4070	0.094
6	-0.047	-0.048	14.865	0.021
7	0.027	0.023	16.579	0.020
8	-0.016	-0.019	17.199	0.028

Table 4.3 reports that log-return series does not possess autocorrelation. Because the values of probability of Q-statistic are all larger than 0.01, which means the null hypothesis that the series does not possess correlation will not be rejected under the 1% significant level. Next, according to the Equation 3.17 we can build the ARMA model. Only one constant term is contained in the mean equation. Table 4.4 show the heteroscedasticity test result of residual series based on the ARCH-LM method.

Table 4.4: ARCH-LM test result

Number of lags	F-statistic	Prob.F	LM-statistic	Prob.LM
1	38.91866	0.0000	38.33385	0.0000
2	24.42241	0.0000	47.93633	0.0000
3	33.47045	0.0000	96.56123	0.0000
4	31.30655	0.0000	119.2924	0.0000
5	26.95559	0.0000	127.9575	0.0000
6	25.32392	0.0000	143.3405	0.0000
7	23.59736	0.0000	155.0837	0.0000
8	21.98114	0.0000	164.4763	0.0000

9	19.51147	0.0000	164.3213	0.0000
10	19.76965	0.0000	183.4881	0.0000
11	17.99342	0.0000	183.7515	0.0000
12	16.63229	0.0000	185.2398	0.0000

Concomitant probability of LRS resid series is less than 0.01, so we can reject the null hypothesis at 99% confidence level; the residual series has obvious heteroscedasticity effect. We select the higher lag to test, and we can see that the heteroscedasticity effect is still obvious.

We can judge the LRS residual series exist ARCH (1) effect. So the GARCH (1, 1) model is available to fit.

According to the previous analysis, the GARCH (1, 1)-Normal distribution is built and the estimation output is shown in Table 4.5. We select four confidence levels (92.5%, 95%, 97.5%, and 99%) and the quantiles are also show in Table 4.5.

Table 4.5: Estimation output of GARCH (1, 1)-N

C	0.000104 (0.393114)*
$\omega$	0.000003 (4.537113)*
$\alpha$	0.069199 (10.20035)*
$\beta$	0.920602 (122.3907)*
Log-L	6638.882
AIC	-5.481108
SIC	-5.471539

q (92.5%)	1.440
q (95%)	1.645
q (97.5%)	1.960
q (99%)	2.326

\*: The t-statistics are shown in brackets

According to the VaR function and conditional variance series, we can get the daily VaR and their values are shown in the Appendix.

Figure 4.3 shows the graph of daily VaR we obtained at four different confidence levels.

Figure 4.3: VaR at four different confidence levels

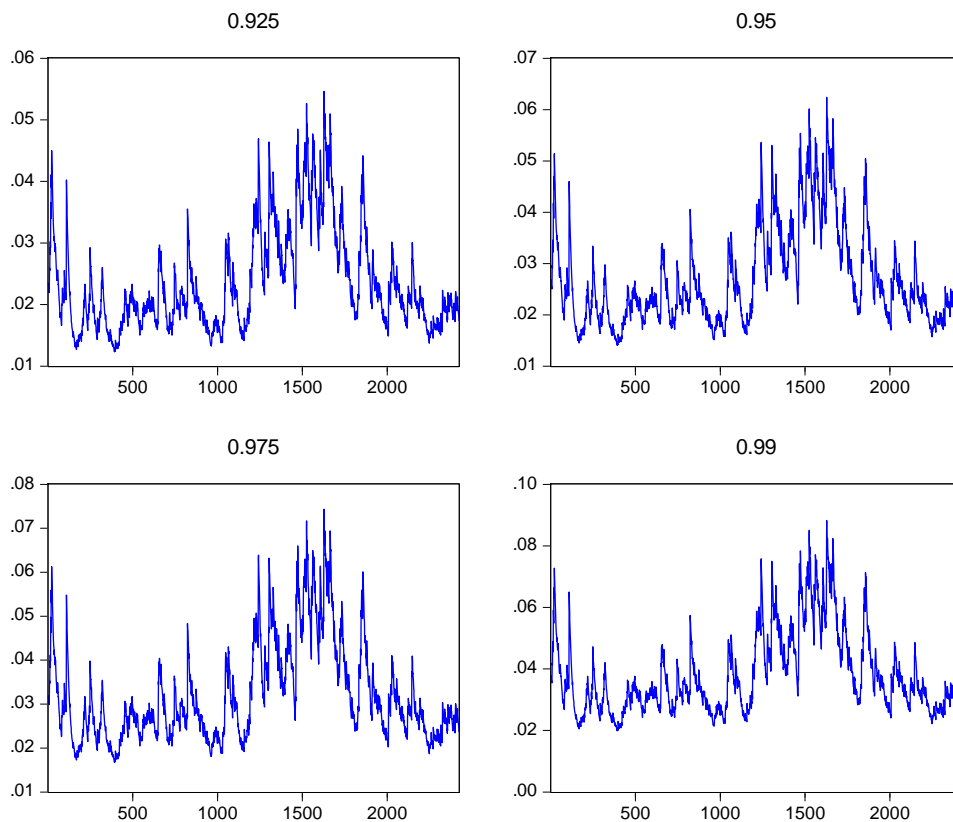
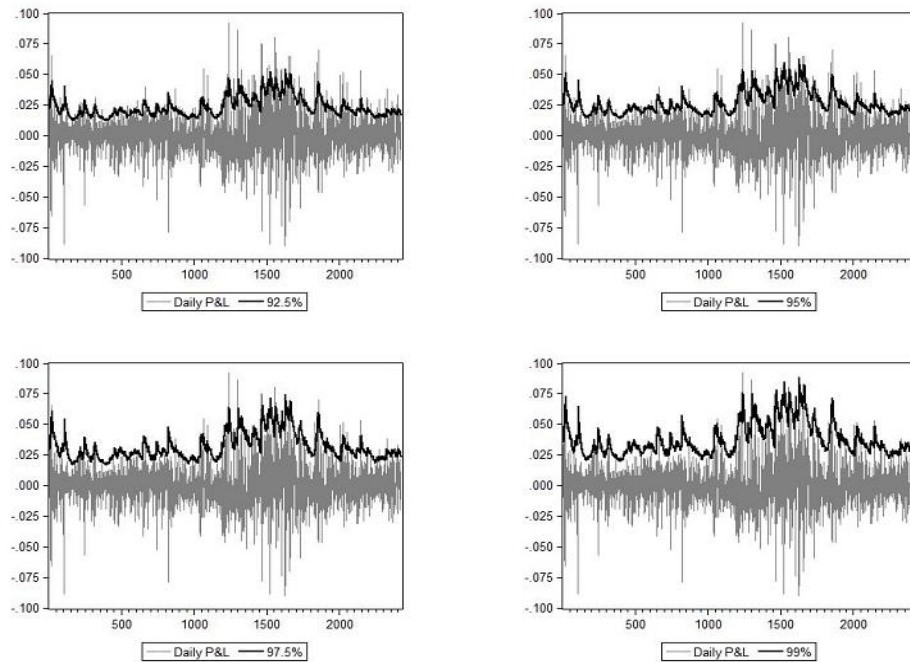


Figure 4.4 reports that the normal approximation provides a good match to the actual data for confidence levels that are not too high.

Figure 4.4: Compare VaR with daily profit and loss



## 4.2 Unconditional Coverage Backtesting

### 4.2.1 POF-Test

We have already calculated the daily VaR for ten years in Section 4.1. Now we compare the daily VaR with actual loss to decide the number of exceptions. The actual loss and estimated VaR are all shown in the Appendix.

In this case, there is a total of 2420 days and there are 166 exceptions that actual loss exceeds the previous day's VaR, using a 92.5 percent VaR confidence level. Setting these numbers into Equation 3.19 gives  $LR_{uc} = 1.470148174$ , which is far smaller than 3.841. Therefore, we cannot reject the null hypothesis.

When a 95 percent of VaR confidence level is used, we have  $N= 122$  and  $T= 2420$ . Setting these numbers into Equation 3.19 we obtain  $LRuc= 0.008676824$ . Also, we cannot reject.

When a 97.5 percent VaR confidence level is used, there are 76 exceptions. According to the Equation 3.19,  $LRuc = 3.771722357$ , which smaller than 3.841. Hence, the null hypothesis will be accepted.

When using a 99 percent of VaR confidence level, we have  $N= 36$ . According to Equation 3.19, we gain the  $LRuc = 5.054188007$ . Therefore, we reject unconditional coverage, as expected.

For this case, the 95% nonrejection region for the number of failures  $N$  is shown in the Table 4.6.

Table 4.6: Nonrejection regions for POF-Test under different confidence level and total of 2420 sample size

Probability level P	VaR confidence level c	T= 2420 days
0.075	92.5%	$156 < N < 207$
0.05	95%	$100 < N < 143$
0.025	97.5%	$46 < N < 77$
0.01	99%	$15 < N < 34$

#### 4.2.2 TUFF-Test

When the VaR confidence level is 92.5 percent,  $V= 4$ . Setting these numbers into

Equation 3.20 gives  $LR = 1.149622423$ , which is smaller than 3.841. Hence, the null hypothesis will not be rejected.

When the VaR confidence level is 95 percent,  $V = 4$ . According to the Equation 3.20, LR is equal to 1.800543156. We cannot reject null hypothesis.

When  $c = 0.975$ ,  $V = 5$ . The likelihood ratio is 2.576277137. The null hypothesis will not be rejected.

When using a 99 percent VaR confidence level,  $V = 15$ . Setting these numbers into Equation 3.20 gives  $LR = 2.143848972$ . The null hypothesis will not be rejected.

In the TUFF-test, the null hypothesis will not be rejected for all VaR confidence level.

By contrast, in POF-test, null hypothesis will be rejected at a 99 percent VaR confidence level.

### 4.3 Conditional Coverage Backtesting

Since Section 4.2.1 has indicated the results of  $LR_{uc}$ , the values from that method are shown in Table 4.7:

Table 4.7: The results of VaR under unconditional coverage test

Confidence level	92.5%	95%	97.5%	99%
$LR_{uc}$	1.470148174	0.008676824	3.771722357	5.054188007
Can reject or not	Cannot reject	Cannot reject	Cannot reject	Reject

Subsequently, in order to find the results in conditional coverage test, we should first calculate the value of independence of exception basing on Equation 3.20. In

addition to that, the values of  $\pi_{01}$ ,  $\pi_{11}$  and  $\pi$  can be obtained by Equation 3.23, Equation 3.24, and Equation 3.25.

Therefore we can get the values as follows:

Table 4.8: The results of VaR for independence alone

Confidence level	92.5%	95%	97.5%	99%
$n_{00}$	2098	2182	2271	2348
$n_{01}$	155	115	72	35
$n_{10}$	155	115	72	35
$n_{11}$	11	7	4	1
$(1 - \pi_{01})^{n_{00}}$	0.000000	0.000000	0.000000	0.000000
$(1 - \pi_{11})^{n_{10}}$	0.000000	0.001119106	0.020387365	0.373073177
$\pi_{01}^{n_{01}}$	0.000000	0.000000	0.000000	0.000000
$\pi_{11}^{n_{11}}$	0.000000	0.000000	0.000000	0.027777778
$(1 - \pi)^{(n_{00}+n_{10})}$	0.000000	0.000000	0.000000	0.000000
$\pi^{(n_{01}+n_{11})}$	0.000000	0.000000	0.000000	0.000000
$LR_{ind}$	1.999974104	1.999742717	1.997112598	1.998226749
Can reject independence or not	Cannot reject	Cannot reject	Cannot reject	Cannot reject

From Table 4.8, it is clear that  $LR_{ind}$  for 92.5%, 95%, 97.5% and 99% are about 1.9999741, 1.9999742, 1.997 and 1.998. Furthermore, at the confidence level of 95%,  $LR_{ind}$  for those four answers (i.e. 1.9999741, 1.9999742, 1.997 and 1.998) are less



than the cutoff value of 3.841. Therefore, we cannot reject the independence alone.

Based on Equation 3.21, we get the values of  $LR_{cc}$  as follows:

Table 4.9: The results of VaR under conditional coverage test

Confidence level	92.5%	95%	97.5%	99%
$LR_{cc}$	3.470122278	2.00841954	5.768834954	7.05241476
Can reject or not	Cannot reject	Cannot reject	Cannot reject	Reject

According to Table 4.9, the values of  $LR_{cc}$  are about 3.4701 for 92.5%, 2.0084 for 95%, 5.7688 for 97.5% and 7.0524 for 99% under the confidence level of 95%. Hence, we cannot reject the values of  $LR_{cc}$  of 92.5%, 95% and 97.5%. Whereas, we can reject  $LR_{cc}$  of 99% since 7.0524 is larger than the cutoff value of 5.991.

Furthermore, it can be seen quite that the conditional test of Christoffersen not only considers the violation rate, but the independence of exceptions, and the result for  $LR_{cc}$  is more sound and powerful than  $LR_{uc}$ .

Although the standard of Basel Committee rule regulates, the confidence level of 99 percent allow us to report the tradeoff between the requirement of risk managers to ensure a sound and reliable financial system and the adverse effect of equity requirements on bank return. Comparing the results of  $LR_{uc}$  and  $LR_{cc}$  in Table 4.7 and Table 4.9 respectively, we find that we cannot reject them at 92.5%, 95% and 97.5%, but can reject the answer for 99%. The reason is that the choice of 99 percent generated too few exceptions for a reliable test and it made the two type errors very

large. Therefore, the confidence level of 92.5%, 95%, and 97.5% can sharply reduce the probability of not catching an erroneous model.

## Chapter 5 CONCLUSIONS

This study has two aspects: one is calculating daily VaR considering the heteroscedasticity effect of stock returns time series. The other one is using two backtesting methods to examine the accuracy of the VaR model. Through selecting the representative Shanghai composite index as sample data and comparing the difference between two backtesting techniques, we obtain some interesting results and conclusions.

First, the fluctuation of stock return time series has a heteroscedasticity effect. The heteroscedasticity test shows that the fluctuation of stock returns presents a “bunch” situation, which means there is a heteroscedasticity effect. After using ARAM model, we find that there is an evident heteroscedasticity effect among stock return time series, and then we remove the conditional heteroscedasticity by using the GARCH model.

Second, the 92.5%, 95%, 97.5% and 99% of VaR confidence levels are chosen for calculating daily VaR. There are fluctuations among VaR, especially in year 2008, because of the subprime mortgage crisis.

Third, based on the unconditional coverage and conditional coverage, we find that conditional coverage technique will be better than the other one.

This research chooses the Shanghai composite index as representative of data for the China stock market. We cannot deny that there is a bias between these data and the reality. Furthermore, this study selects the relatively mature and popular backtesting

techniques for research. However, there still some drawbacks for examining the accuracy of VaR model. More appropriate methods will be needed in the future.

The potential extensions to our research are several: First, we only use stock indexes in this dissertation. In the future research, we could consider a more complicated portfolio, including options and other derivatives. Second, in the VaR calculation, in order to simplify process, we assume that the stock log-return follows a normal distribution. However, there are other distributions that we should consider. Finally, we suggest the conditional coverage backtesting is better. This conclusion supported by only comparing the results of the hypothesis tests. There is no more persuasive method to systematically prove which backtesting method is better. I leave these extensions for future work.

## REFERENCES

- Beder, T.S., 1995. VaR: Seductive but dangerous[J]. *Financial analysis journal*, (51): 12-24.
- Bollerslev T.,1986. Generalized Autoregressive Conditional Heteroskedasticity. *Journal of Econometrics*, 31: 307-327.
- Christoffersen P F., 1998. Evaluating Interval Forecasts. *International Economic Review*, 39 (4): 841-862.
- Christoffersen P and Pelletier D., 2004. Backtesting Value-at-Risk - A Duration-Based Approach. *Journal of Financial Econometrics*, 2(1): 84-108.
- Campbell S D., 2006. A Review of Backtesting and Backtesting Procedures. *Journal of Risk*, 9(2): 1-17.
- Dowd, 1996. *Beyond Value at Risk: the New Science of Risk Management*. Wiley Frontiers in Finance.
- Engle R F., 1982. Autoregressive Conditional Heteroskedasticity with Estimates of the Variance of U.K. Inflation. *Econometrica*, 50: 987-1008.
- Hendricks , D., 1996. Evaluating of value at risk models using history data[J] . *Federal Reserve Bank of New York Economic Policy review*, (2): 39-69.
- Jorion P., 2007. *Value at Risk: The New Benchmark for Managing Financial Risk*, 3<sup>rd</sup> ed. New York: McGraw- Hill.
- Kupiec P H, 1995. Techniques for Verifying the Accuracy of Risk Measurement Models. *Journal of Derivatives*, 3(2): 73-84
- Lucas A., 2001. Evaluating the Basle Guidelines for Backtesting Banks' Internal Risk

Management Models. *Journal of Money, Credit, and Banking*, 33(3): 826-846.

Marcu H.,2001. Newmethods in Backtesting, [EB/OL], [http :  
//www. glorimundi. org](http://www.gloriamundi.org).

Nieppola O., 2009. Backtesting Value-at-Risk Models. Master's Thesis in Economics.

Virdi N K., 2011. A Review of Backtesting Methods for Evaluating Value-at-Risk. *International Review of Business Research Papers*, 7(4): 14-24.

# APPENDIX 1

Date	close	log-return	$\sigma_t^2$	VaR <sub>t</sub>			
				92.50%	95%	98%	99%
2002-1-4	1611.39	NA	NA	NA	NA	NA	NA
2002-1-7	1596.76	-0.009120584	0.000267	0.02353	0.026878	0.032027	0.038012
2002-1-8	1583.46	-0.00836425	0.000255	0.022995	0.026267	0.031299	0.037148
2002-1-9	1561.34	-0.014067899	0.000243	0.022447	0.025641	0.030553	0.036263
2002-1-10	1576.43	0.00961837	0.000241	0.022355	0.025536	0.030427	0.036114
2002-1-11	1535.59	-0.026248125	0.000232	0.021933	0.025054	0.029854	0.035433
2002-1-14	1485.1	-0.033432562	0.000265	0.023442	0.026777	0.031906	0.037869
2002-1-15	1459.65	-0.017285429	0.000325	0.02596	0.029654	0.035334	0.041938
2002-1-16	1479.61	0.013581859	0.000324	0.02592	0.029608	0.03528	0.041873
2002-1-17	1419.51	-0.041466798	0.000314	0.025517	0.029148	0.034731	0.041222
2002-1-18	1415.43	-0.00287837	0.000412	0.029229	0.033388	0.039784	0.047219
2002-1-21	1366.96	-0.034844076	0.000383	0.028181	0.032191	0.038358	0.045527
2002-1-22	1358.69	-0.006068296	0.000441	0.03024	0.034543	0.04116	0.048852
2002-1-23	1444.96	0.061560639	0.000412	0.029229	0.033388	0.039784	0.047219
2002-1-24	1456.4	0.007885998	0.000644	0.036543	0.041743	0.049739	0.059035
2002-1-25	1451.48	-0.003383912	0.0006	0.035273	0.040292	0.04801	0.056982
2002-1-28	1359.54	-0.065437318	0.000557	0.033985	0.038821	0.046258	0.054903
2002-1-29	1392.77	0.024148163	0.000813	0.041059	0.046901	0.055886	0.06633
2002-1-30	1396.6	0.002746142	0.000792	0.040525	0.046292	0.055159	0.065468
2002-1-31	1491.66	0.065848882	0.000733	0.038987	0.044534	0.053065	0.062982
2002-2-1	1485.77	-0.003956437	0.000977	0.04501	0.051415	0.061264	0.072713
2002-2-4	1511.32	0.017050285	0.000904	0.043296	0.049457	0.058931	0.069944
2002-2-5	1518.28	0.004594674	0.000856	0.042131	0.048126	0.057345	0.068062
2002-2-6	1485.8	-0.021624767	0.000792	0.040525	0.046292	0.055159	0.065468
2002-2-7	1515.39	0.019719484	0.000766	0.039854	0.045525	0.054246	0.064384
2002-2-8	1506.61	-0.005810738	0.000735	0.03904	0.044595	0.053137	0.063068
2002-2-25	1530.28	0.015588631	0.000682	0.037606	0.042957	0.051186	0.060752
2002-2-26	1531.43	0.000751214	0.000648	0.036656	0.041872	0.049893	0.059218
2002-2-27	1538.31	0.004482472	0.0006	0.035273	0.040292	0.04801	0.056982
2002-2-28	1524.7	-0.008886742	0.000557	0.033985	0.038821	0.046258	0.054903
2002-3-1	1502.54	-0.01464066	0.000522	0.0329	0.037582	0.044781	0.05315
2002-3-4	1526.8	0.016017033	0.000499	0.032167	0.036744	0.043783	0.051966
2002-3-5	1560.07	0.02155665	0.00048	0.031549	0.036038	0.042941	0.050967
2002-3-6	1569.2	0.005835243	0.000477	0.03145	0.035925	0.042807	0.050807
2002-3-7	1613	0.027529864	0.000445	0.030377	0.034699	0.041346	0.049073
2002-3-8	1640.25	0.01675287	0.000465	0.031052	0.03547	0.042265	0.050164
2002-3-11	1664.09	0.014429758	0.000451	0.030581	0.034932	0.041624	0.049403
2002-3-12	1643.69	-0.012334713	0.000432	0.02993	0.034189	0.040738	0.048351
2002-3-13	1623.43	-0.012402519	0.000412	0.029229	0.033388	0.039784	0.047219
2002-3-14	1665.15	0.025374015	0.000394	0.028583	0.03265	0.038905	0.046176
2002-3-15	1620.97	-0.026890474	0.00041	0.029158	0.033307	0.039687	0.047104
2002-3-18	1623.88	0.001793612	0.000431	0.029895	0.034149	0.040691	0.048295
2002-3-19	1665.35	0.025216964	0.0004	0.0288	0.032898	0.0392	0.046526
2002-3-20	1682.51	0.010251415	0.000416	0.02937	0.03355	0.039976	0.047447
2002-3-21	1685.01	0.001484772	0.000393	0.028547	0.032609	0.038855	0.046117
2002-3-22	1669.69	-0.009133518	0.000365	0.027511	0.031426	0.037446	0.044444
2002-3-25	1675.28	0.003342335	0.000346	0.026786	0.030597	0.036458	0.043272

2002-3-26	1649.48	-0.015520229	0.000322	0.02584	0.029517	0.035171	0.041744
2002-3-27	1654.23	0.002875557	0.000317	0.025638	0.029287	0.034897	0.041419
2002-3-28	1650.67	-0.002154378	0.000296	0.024775	0.0283	0.033721	0.040023
2002-3-29	1603.9	-0.028743103	0.000276	0.023923	0.027327	0.032562	0.038647
2002-4-1	1608.5	0.002863904	0.000315	0.025557	0.029194	0.034787	0.041288
2002-4-2	1582.88	-0.016056095	0.000294	0.024691	0.028204	0.033607	0.039888
2002-4-3	1594.5	0.007314235	0.000292	0.024607	0.028108	0.033492	0.039752
2002-4-4	1641.69	0.029165992	0.000276	0.023923	0.027327	0.032562	0.038647
2002-4-5	1634.64	-0.004303602	0.000316	0.025598	0.02924	0.034842	0.041353
2002-4-8	1640.65	0.003669908	0.000295	0.024733	0.028252	0.033664	0.039956
2002-4-9	1667.52	0.016244988	0.000276	0.023923	0.027327	0.032562	0.038647
2002-4-10	1677.65	0.006056512	0.000276	0.023923	0.027327	0.032562	0.038647
2002-4-11	1649.53	-0.016903606	0.00026	0.023219	0.026523	0.031604	0.03751
2002-4-12	1658.97	0.005706529	0.000262	0.023308	0.026625	0.031725	0.037654
2002-4-15	1649.5	-0.005724716	0.000247	0.022631	0.025852	0.030804	0.036561
2002-4-16	1640.28	-0.005605253	0.000233	0.021981	0.025108	0.029918	0.035509
2002-4-17	1644.39	0.002502536	0.00022	0.021359	0.024398	0.029071	0.034505
2002-4-18	1628.13	-0.009937378	0.000207	0.020718	0.023666	0.028199	0.03347
2002-4-19	1635.17	0.004314658	0.0002	0.020365	0.023262	0.027719	0.032899
2002-4-22	1627.48	-0.004713968	0.000189	0.019797	0.022614	0.026946	0.031981
2002-4-23	1624.54	-0.001808107	0.000179	0.019266	0.022007	0.026223	0.031124
2002-4-24	1611.05	-0.008338558	0.000169	0.01872	0.021384	0.02548	0.030242
2002-4-25	1615.91	0.003012125	0.000163	0.018385	0.021001	0.025024	0.0297
2002-4-26	1640.58	0.015151572	0.000154	0.01787	0.020413	0.024323	0.028869
2002-4-29	1665.81	0.015261654	0.000161	0.018272	0.020871	0.02487	0.029517
2002-4-30	1667.74	0.001157925	0.000168	0.018665	0.02132	0.025405	0.030152
2002-5-8	1652.36	-0.009264847	0.000158	0.018101	0.020676	0.024637	0.029241
2002-5-9	1650.57	-0.001083886	0.000155	0.017928	0.020479	0.024402	0.028962
2002-5-10	1638.19	-0.007528709	0.000146	0.0174	0.019875	0.023683	0.028109
2002-5-13	1623.94	-0.008736679	0.000142	0.01716	0.019601	0.023356	0.027721
2002-5-14	1616.23	-0.004759019	0.000139	0.016977	0.019393	0.023108	0.027427
2002-5-15	1598.35	-0.01112443	0.000133	0.016607	0.01897	0.022604	0.026828
2002-5-16	1549.5	-0.031039549	0.000135	0.016731	0.019112	0.022773	0.027029
2002-5-17	1567.49	0.011543316	0.000194	0.020057	0.022911	0.0273	0.032402
2002-5-20	1541.53	-0.016700184	0.000191	0.019901	0.022733	0.027088	0.03215
2002-5-21	1588.1	0.029762903	0.000199	0.020314	0.023204	0.027649	0.032817
2002-5-22	1564.48	-0.014984833	0.000248	0.022677	0.025904	0.030866	0.036635
2002-5-23	1571.61	0.004547071	0.000247	0.022631	0.025852	0.030804	0.036561
2002-5-24	1549.46	-0.014194088	0.000232	0.021933	0.025054	0.029854	0.035433
2002-5-27	1555.04	0.003594786	0.000231	0.021886	0.025	0.029789	0.035357
2002-5-28	1558.52	0.002235384	0.000217	0.021213	0.024231	0.028873	0.034269
2002-5-29	1524.8	-0.021873399	0.000204	0.020567	0.023494	0.027994	0.033226
2002-5-30	1523.52	-0.000839807	0.000224	0.021552	0.024619	0.029335	0.034817
2002-5-31	1515.73	-0.005126276	0.00021	0.020868	0.023837	0.028403	0.033711
2002-6-3	1483.34	-0.021600869	0.000198	0.020263	0.023146	0.02758	0.032734
2002-6-4	1490.51	0.004822041	0.000219	0.02131	0.024342	0.029005	0.034426
2002-6-5	1462	-0.019312982	0.000206	0.020668	0.023609	0.028131	0.033389
2002-6-6	1521.26	0.039733578	0.000219	0.02131	0.024342	0.029005	0.034426
2002-6-7	1529.5	0.005401946	0.000314	0.025517	0.029148	0.034731	0.041222
2002-6-10	1517.23	-0.008054581	0.000294	0.024691	0.028204	0.033607	0.039888
2002-6-11	1530.96	0.009008686	0.000279	0.024053	0.027475	0.032738	0.038857



2002-6-12	1524.84	-0.004005503	0.000266	0.023486	0.026828	0.031967	0.037941
2002-6-13	1511.71	-0.008648026	0.000249	0.022723	0.025956	0.030928	0.036708
2002-6-14	1494.24	-0.011623744	0.000238	0.022215	0.025376	0.030237	0.035888
2002-6-17	1496.24	0.001337578	0.000232	0.021933	0.025054	0.029854	0.035433
2002-6-18	1524.06	0.018422532	0.000217	0.021213	0.024231	0.028873	0.034269
2002-6-19	1507.66	-0.010819047	0.000226	0.021648	0.024728	0.029465	0.034972
2002-6-20	1516.15	0.005615447	0.00022	0.021359	0.024398	0.029071	0.034505
2002-6-21	1562.72	0.030253666	0.000208	0.020768	0.023723	0.028268	0.03355
2002-6-24	1707.31	0.08849114	0.000258	0.02313	0.026421	0.031482	0.037366
2002-6-25	1706.59	-0.000421805	0.000781	0.040243	0.045969	0.054775	0.065012
2002-6-26	1712.91	0.003696451	0.000723	0.03872	0.044229	0.052702	0.062551
2002-6-27	1723.54	0.006186637	0.00067	0.037273	0.042577	0.050733	0.060215
2002-6-28	1732.75	0.005329427	0.000622	0.035913	0.041024	0.048882	0.058018
2002-7-1	1713.7	-0.011054966	0.000578	0.03462	0.039546	0.047122	0.055928
2002-7-2	1724.94	0.006537492	0.000544	0.033586	0.038365	0.045715	0.054258
2002-7-3	1730.91	0.003455015	0.000507	0.032424	0.037038	0.044133	0.052381
2002-7-4	1713.13	-0.010325175	0.000471	0.031252	0.035698	0.042537	0.050487
2002-7-5	1722.18	0.005268823	0.000445	0.030377	0.034699	0.041346	0.049073
2002-7-8	1732.93	0.006222687	0.000414	0.0293	0.033469	0.03988	0.047333
2002-7-9	1729.98	-0.00170377	0.000388	0.028365	0.032401	0.038608	0.045823
2002-7-10	1701.82	-0.016411581	0.00036	0.027322	0.03121	0.037188	0.044138
2002-7-11	1696.94	-0.002871638	0.000354	0.027093	0.030949	0.036877	0.043769
2002-7-12	1698.29	0.000795233	0.00033	0.026159	0.029881	0.035605	0.042259
2002-7-15	1687.94	-0.006113012	0.000307	0.025231	0.028821	0.034342	0.04076
2002-7-16	1691.62	0.002177799	0.000289	0.02448	0.027963	0.03332	0.039547
2002-7-17	1701.71	0.005946978	0.000269	0.023618	0.026978	0.032146	0.038154
2002-7-18	1704.91	0.001878696	0.000254	0.02295	0.026215	0.031237	0.037075
2002-7-19	1713.86	0.005235813	0.000237	0.022169	0.025323	0.030174	0.035813
2002-7-22	1681	-0.019359282	0.000224	0.021552	0.024619	0.029335	0.034817
2002-7-23	1673.86	-0.004256518	0.000235	0.022075	0.025216	0.030046	0.035662
2002-7-24	1672.4	-0.000872616	0.000221	0.021407	0.024453	0.029137	0.034583
2002-7-25	1665.1	-0.004374539	0.000207	0.020718	0.023666	0.028199	0.03347
2002-7-26	1657.49	-0.004580772	0.000196	0.02016	0.023029	0.02744	0.032568
2002-7-29	1665.67	0.004923035	0.000185	0.019586	0.022373	0.026659	0.031641
2002-7-30	1669	0.0019972	0.000175	0.019049	0.02176	0.025928	0.030774
2002-7-31	1651.59	-0.010486184	0.000165	0.018497	0.021129	0.025177	0.029882
2002-8-1	1653	0.000853359	0.000163	0.018385	0.021001	0.025024	0.0297
2002-8-2	1661.87	0.005351656	0.000153	0.017812	0.020346	0.024244	0.028775
2002-8-5	1653.95	-0.004777108	0.000147	0.017459	0.019943	0.023764	0.028205
2002-8-6	1670.61	0.010022463	0.00014	0.017038	0.019463	0.023191	0.027525
2002-8-7	1668.06	-0.001527555	0.000139	0.016977	0.019393	0.023108	0.027427
2002-8-8	1659.8	-0.004964161	0.000131	0.016482	0.018827	0.022433	0.026626
2002-8-9	1647.04	-0.007717376	0.000126	0.016164	0.018464	0.022001	0.026113
2002-8-12	1634.56	-0.007606083	0.000124	0.016035	0.018317	0.021826	0.025905
2002-8-13	1636.63	0.001265595	0.000121	0.01584	0.018094	0.02156	0.025589
2002-8-14	1646.72	0.006146181	0.000115	0.015442	0.01764	0.021019	0.024947
2002-8-15	1634.36	-0.00753414	0.000112	0.01524	0.017408	0.020743	0.024619
2002-8-16	1646.79	0.007576648	0.00011	0.015103	0.017252	0.020557	0.024398
2002-8-19	1644.3	-0.001513177	0.000109	0.015034	0.017173	0.020463	0.024287
2002-8-20	1671.35	0.016316921	0.000104	0.014685	0.016775	0.019988	0.023724
2002-8-21	1673.54	0.00130946	0.000117	0.015576	0.017792	0.021201	0.025163

2002-8-22	1686.11	0.007482957	0.000111	0.015171	0.01733	0.02065	0.024509
2002-8-23	1683.2	-0.001727357	0.00011	0.015103	0.017252	0.020557	0.024398
2002-8-26	1670.68	-0.007466014	0.000105	0.014756	0.016855	0.020084	0.023837
2002-8-27	1679.69	0.005378523	0.000104	0.014685	0.016775	0.019988	0.023724
2002-8-28	1676.77	-0.001739929	0.000101	0.014472	0.016531	0.019698	0.023379
2002-8-29	1667.31	-0.005657774	9.62E-05	0.014124	0.016133	0.019224	0.022817
2002-8-30	1666.61	-0.000419926	9.43E-05	0.013984	0.015973	0.019033	0.02259
2002-9-2	1668.77	0.001295205	9.02E-05	0.013676	0.015622	0.018615	0.022094
2002-9-3	1674.07	0.003170959	8.65E-05	0.013393	0.015298	0.018229	0.021636
2002-9-4	1663.97	-0.006051474	8.36E-05	0.013166	0.01504	0.017921	0.02127
2002-9-5	1641.8	-0.013413112	8.30E-05	0.013119	0.014986	0.017856	0.021194
2002-9-6	1631.38	-0.006366919	9.24E-05	0.013842	0.015812	0.01884	0.022362
2002-9-9	1621.58	-0.0060253	9.13E-05	0.013759	0.015717	0.018728	0.022228
2002-9-10	1625.11	0.002174523	9.00E-05	0.013661	0.015605	0.018594	0.022069
2002-9-11	1620.35	-0.002933331	8.65E-05	0.013393	0.015298	0.018229	0.021636
2002-9-12	1624.55	0.002588679	8.37E-05	0.013174	0.015049	0.017932	0.021283
2002-9-13	1625.75	0.000738393	8.08E-05	0.012944	0.014786	0.017618	0.020911
2002-9-16	1604.08	-0.013418864	7.78E-05	0.012701	0.014509	0.017288	0.020519
2002-9-17	1604.88	0.000498604	8.76E-05	0.013478	0.015395	0.018345	0.021773
2002-9-18	1594.58	-0.006438609	8.41E-05	0.013206	0.015085	0.017974	0.021334
2002-9-19	1619.35	0.015414455	8.37E-05	0.013174	0.015049	0.017932	0.021283
2002-9-20	1604.91	-0.008957154	9.67E-05	0.01416	0.016175	0.019274	0.022876
2002-9-23	1602.59	-0.00144661	9.80E-05	0.014255	0.016284	0.019403	0.023029
2002-9-24	1596.73	-0.003663283	9.38E-05	0.013946	0.015931	0.018983	0.02253
2002-9-25	1597.83	0.000688671	9.07E-05	0.013714	0.015665	0.018666	0.022155
2002-9-26	1587.64	-0.006397822	8.69E-05	0.013424	0.015334	0.018271	0.021686
2002-9-27	1581.61	-0.003805321	8.63E-05	0.013377	0.015281	0.018208	0.021611
2002-10-8	1562.99	-0.011842662	8.38E-05	0.013182	0.015058	0.017942	0.021295
2002-10-9	1535.36	-0.017835772	9.04E-05	0.013691	0.01564	0.018635	0.022118
2002-10-10	1530.4	-0.003235742	0.000109	0.015034	0.017173	0.020463	0.024287
2002-10-11	1524.05	-0.004157874	0.000104	0.014685	0.016775	0.019988	0.023724
2002-10-14	1531.67	0.004987378	0.000101	0.014472	0.016531	0.019698	0.023379
2002-10-15	1524.72	-0.004547857	9.77E-05	0.014233	0.016259	0.019373	0.022994
2002-10-16	1537.38	0.008268882	9.48E-05	0.014021	0.016016	0.019084	0.02265
2002-10-17	1513.09	-0.015925751	9.53E-05	0.014058	0.016058	0.019134	0.02271
2002-10-18	1519.53	0.004247159	0.000109	0.015034	0.017173	0.020463	0.024287
2002-10-21	1524.92	0.003540873	0.000105	0.014756	0.016855	0.020084	0.023837
2002-10-22	1548.1	0.015086423	0.000101	0.014472	0.016531	0.019698	0.023379
2002-10-23	1548.96	0.000555365	0.000112	0.01524	0.017408	0.020743	0.024619
2002-10-24	1536.52	-0.008063619	0.000106	0.014826	0.016935	0.020179	0.023951
2002-10-25	1520.31	-0.010605858	0.000106	0.014826	0.016935	0.020179	0.023951
2002-10-28	1502.71	-0.011644117	0.000109	0.015034	0.017173	0.020463	0.024287
2002-10-29	1510.88	0.005422118	0.000113	0.015307	0.017486	0.020835	0.024729
2002-10-30	1509.7	-0.000781307	0.000109	0.015034	0.017173	0.020463	0.024287
2002-10-31	1507.49	-0.001464939	0.000104	0.014685	0.016775	0.019988	0.023724
2002-11-1	1510.76	0.002166819	9.92E-05	0.014342	0.016383	0.019521	0.02317
2002-11-4	1531.84	0.013856792	9.50E-05	0.014035	0.016033	0.019104	0.022674
2002-11-5	1558.23	0.017080934	0.000104	0.014685	0.016775	0.019988	0.023724
2002-11-6	1552.56	-0.00364538	0.000119	0.015709	0.017944	0.021381	0.025377
2002-11-7	1554.23	0.001075065	0.000114	0.015375	0.017563	0.020927	0.024838
2002-11-8	1522.18	-0.020836728	0.000108	0.014965	0.017094	0.020369	0.024176

2002-11-11	1504.4	-0.01174937	0.000133	0.016607	0.01897	0.022604	0.026828
2002-11-12	1485.91	-0.012366768	0.000136	0.016793	0.019183	0.022857	0.027129
2002-11-13	1490.46	0.003057418	0.000139	0.016977	0.019393	0.023108	0.027427
2002-11-14	1460.79	-0.020107412	0.000132	0.016544	0.018898	0.022519	0.026727
2002-11-15	1463.69	0.001983259	0.000153	0.017812	0.020346	0.024244	0.028775
2002-11-18	1451.29	-0.008507828	0.000145	0.01734	0.019807	0.023602	0.028012
2002-11-19	1462.17	0.007468818	0.000142	0.01716	0.019601	0.023356	0.027721
2002-11-20	1425.84	-0.02516052	0.000138	0.016916	0.019323	0.023025	0.027328
2002-11-21	1390.62	-0.025011423	0.000174	0.018995	0.021698	0.025854	0.030686
2002-11-22	1395.49	0.003495917	0.000207	0.020718	0.023666	0.028199	0.03347
2002-11-25	1398.43	0.002104571	0.000195	0.020109	0.02297	0.02737	0.032485
2002-11-26	1371.16	-0.019693082	0.000183	0.01948	0.022252	0.026514	0.03147
2002-11-27	1378.75	0.005520195	0.000199	0.020314	0.023204	0.027649	0.032817
2002-11-28	1417.52	0.027731574	0.000189	0.019797	0.022614	0.026946	0.031981
2002-11-29	1434.18	0.011684391	0.00023	0.021839	0.024946	0.029725	0.03528
2002-12-2	1395.67	-0.027218671	0.000224	0.021552	0.024619	0.029335	0.034817
2002-12-3	1408.84	0.009392084	0.000262	0.023308	0.026625	0.031725	0.037654
2002-12-4	1414.45	0.003974092	0.00025	0.022768	0.026008	0.03099	0.036782
2002-12-5	1404.88	-0.006788873	0.000235	0.022075	0.025216	0.030046	0.035662
2002-12-6	1405.52	0.000455451	0.000223	0.021504	0.024564	0.029269	0.034739
2002-12-9	1400.86	-0.003321007	0.000208	0.020768	0.023723	0.028268	0.03355
2002-12-10	1383.84	-0.01222409	0.000196	0.02016	0.023029	0.02744	0.032568
2002-12-11	1379.19	-0.003365873	0.000194	0.020057	0.022911	0.0273	0.032402
2002-12-12	1383.91	0.003416456	0.000183	0.01948	0.022252	0.026514	0.03147
2002-12-13	1396.89	0.009335511	0.000173	0.01894	0.021635	0.02578	0.030598
2002-12-16	1408.51	0.008284071	0.000168	0.018665	0.02132	0.025405	0.030152
2002-12-17	1416.09	0.005367145	0.000163	0.018385	0.021001	0.025024	0.0297
2002-12-18	1411.71	-0.003097817	0.000155	0.017928	0.020479	0.024402	0.028962
2002-12-19	1413.59	0.001330832	0.000147	0.017459	0.019943	0.023764	0.028205
2002-12-20	1427.93	0.010093275	0.000139	0.016977	0.019393	0.023108	0.027427
2002-12-23	1430.19	0.001581459	0.000138	0.016916	0.019323	0.023025	0.027328
2002-12-24	1430.82	0.000440404	0.000131	0.016482	0.018827	0.022433	0.026626
2002-12-25	1421.51	-0.00652802	0.000124	0.016035	0.018317	0.021826	0.025905
2002-12-26	1384.15	-0.026633454	0.00012	0.015774	0.018019	0.021471	0.025483
2002-12-27	1382.97	-0.000852872	0.000163	0.018385	0.021001	0.025024	0.0297
2002-12-30	1366.36	-0.012083091	0.000154	0.01787	0.020413	0.024323	0.028869
2002-12-31	1357.65	-0.006395006	0.000155	0.017928	0.020479	0.024402	0.028962
2003-1-2	1320.63	-0.027646368	0.000149	0.017577	0.020079	0.023925	0.028396
2003-1-3	1319.86	-0.000583225	0.000194	0.020057	0.022911	0.0273	0.032402
2003-1-6	1334.67	0.0111584	0.000182	0.019427	0.022191	0.026442	0.031384
2003-1-7	1332.06	-0.001957454	0.000179	0.019266	0.022007	0.026223	0.031124
2003-1-8	1372.06	0.029586644	0.000169	0.01872	0.021384	0.02548	0.030242
2003-1-9	1397.38	0.018285795	0.000219	0.02131	0.024342	0.029005	0.034426
2003-1-10	1384.85	-0.009007224	0.000228	0.021744	0.024837	0.029595	0.035126
2003-1-13	1386.31	0.00105371	0.000219	0.02131	0.024342	0.029005	0.034426
2003-1-14	1466.85	0.056471703	0.000205	0.020618	0.023551	0.028063	0.033308
2003-1-15	1459.92	-0.004735605	0.000412	0.029229	0.033388	0.039784	0.047219
2003-1-16	1485.61	0.017443823	0.000384	0.028218	0.032233	0.038408	0.045586
2003-1-17	1478.67	-0.004682427	0.000378	0.027997	0.031981	0.038107	0.045228
2003-1-20	1482.68	0.002708226	0.000353	0.027055	0.030905	0.036825	0.043707
2003-1-21	1454.89	-0.018920965	0.000329	0.026119	0.029836	0.035551	0.042195

2003-1-22	1460.53	0.003869087	0.000331	0.026199	0.029926	0.035659	0.042323
2003-1-23	1450.61	-0.006815226	0.000309	0.025313	0.028915	0.034454	0.040893
2003-1-24	1479.07	0.019429354	0.000291	0.024565	0.02806	0.033435	0.039684
2003-1-27	1496.15	0.01148163	0.000297	0.024817	0.028348	0.033778	0.040091
2003-1-28	1500.63	0.002989878	0.000286	0.024353	0.027818	0.033147	0.039341
2003-1-29	1499.81	-0.000546587	0.000267	0.02353	0.026878	0.032027	0.038012
2003-2-10	1480.16	-0.013188243	0.000249	0.022723	0.025956	0.030928	0.036708
2003-2-11	1492.76	0.008476565	0.000245	0.02254	0.025747	0.030679	0.036412
2003-2-12	1510.67	0.011926506	0.000234	0.022028	0.025162	0.029982	0.035586
2003-2-13	1504.33	-0.004205645	0.000228	0.021744	0.024837	0.029595	0.035126
2003-2-14	1510.95	0.004390976	0.000215	0.021115	0.024119	0.028739	0.03411
2003-2-17	1496.52	-0.009596179	0.000202	0.020466	0.023378	0.027857	0.033063
2003-2-18	1496.46	-4.00938E-05	0.000196	0.02016	0.023029	0.02744	0.032568
2003-2-19	1510.8	0.009536993	0.000184	0.019533	0.022313	0.026587	0.031555
2003-2-20	1509.48	-0.000874091	0.000179	0.019266	0.022007	0.026223	0.031124
2003-2-21	1478.87	-0.020486938	0.000168	0.018665	0.02132	0.025405	0.030152
2003-2-24	1481.93	0.00206701	0.000188	0.019744	0.022554	0.026874	0.031897
2003-2-25	1511.27	0.019605065	0.000176	0.019104	0.021822	0.026002	0.030862
2003-2-26	1513.17	0.001256431	0.000192	0.019953	0.022792	0.027159	0.032234
2003-2-27	1513.7	0.000350197	0.00018	0.01932	0.022069	0.026296	0.031211
2003-2-28	1511.93	-0.001170004	0.000169	0.01872	0.021384	0.02548	0.030242
2003-3-3	1525.48	0.008922134	0.000159	0.018158	0.020741	0.024715	0.029334
2003-3-4	1524.3	-0.000773826	0.000155	0.017928	0.020479	0.024402	0.028962
2003-3-5	1517.17	-0.004688531	0.000146	0.0174	0.019875	0.023683	0.028109
2003-3-6	1498.34	-0.012488929	0.00014	0.017038	0.019463	0.023191	0.027525
2003-3-7	1493.09	-0.003510031	0.000143	0.01722	0.01967	0.023438	0.027819
2003-3-10	1468.91	-0.016327169	0.000136	0.016793	0.019183	0.022857	0.027129
2003-3-11	1469.54	0.000428798	0.000147	0.017459	0.019943	0.023764	0.028205
2003-3-12	1475	0.003708563	0.000139	0.016977	0.019393	0.023108	0.027427
2003-3-13	1464.64	-0.007048511	0.000132	0.016544	0.018898	0.022519	0.026727
2003-3-14	1466.04	0.00095541	0.000129	0.016355	0.018682	0.022261	0.026422
2003-3-17	1469.27	0.002200791	0.000122	0.015905	0.018169	0.021649	0.025695
2003-3-18	1459.89	-0.006404588	0.000116	0.015509	0.017716	0.02111	0.025055
2003-3-19	1469.96	0.006874099	0.000113	0.015307	0.017486	0.020835	0.024729
2003-3-20	1464.54	-0.00369399	0.00011	0.015103	0.017252	0.020557	0.024398
2003-3-21	1474.65	0.006879474	0.000106	0.014826	0.016935	0.020179	0.023951
2003-3-24	1477.76	0.002106754	0.000104	0.014685	0.016775	0.019988	0.023724
2003-3-25	1462.4	-0.010448506	9.95E-05	0.014364	0.016408	0.019551	0.023205
2003-3-26	1456.27	-0.00420055	0.000103	0.014614	0.016694	0.019892	0.023609
2003-3-27	1499.34	0.029146639	9.92E-05	0.014342	0.016383	0.019521	0.02317
2003-3-28	1491.94	-0.004947725	0.000153	0.017812	0.020346	0.024244	0.028775
2003-3-31	1510.57	0.012409777	0.000146	0.0174	0.019875	0.023683	0.028109
2003-4-1	1522.54	0.00789293	0.000148	0.017518	0.020011	0.023844	0.028301
2003-4-2	1521.32	-0.000801614	0.000144	0.01728	0.019739	0.02352	0.027916
2003-4-3	1511.72	-0.006330304	0.000136	0.016793	0.019183	0.022857	0.027129
2003-4-4	1521.12	0.00619883	0.000131	0.016482	0.018827	0.022433	0.026626
2003-4-7	1515.13	-0.003945662	0.000127	0.016228	0.018537	0.022088	0.026216
2003-4-8	1520.55	0.003570868	0.000121	0.01584	0.018094	0.02156	0.025589
2003-4-9	1543.67	0.015090587	0.000116	0.015509	0.017716	0.02111	0.025055
2003-4-10	1551.18	0.004853233	0.000126	0.016164	0.018464	0.022001	0.026113
2003-4-11	1576.86	0.016419596	0.000121	0.01584	0.018094	0.02156	0.025589

2003-4-14	1616.07	0.024561748	0.000133	0.016607	0.01897	0.022604	0.026828
2003-4-15	1631.47	0.009484173	0.000167	0.018609	0.021257	0.025329	0.030062
2003-4-16	1606.24	-0.015585405	0.000163	0.018385	0.021001	0.025024	0.0297
2003-4-17	1613.6	0.004571664	0.000171	0.01883	0.02151	0.02563	0.03042
2003-4-18	1603.07	-0.006547167	0.000162	0.018328	0.020936	0.024947	0.029609
2003-4-21	1571.71	-0.019756342	0.000155	0.017928	0.020479	0.024402	0.028962
2003-4-22	1568.69	-0.001923322	0.000174	0.018995	0.021698	0.025854	0.030686
2003-4-23	1541.96	-0.017186542	0.000164	0.018441	0.021065	0.0251	0.029791
2003-4-24	1503.59	-0.025198752	0.000175	0.019049	0.02176	0.025928	0.030774
2003-4-25	1487.14	-0.01100077	0.000208	0.020768	0.023723	0.028268	0.03355
2003-4-28	1537.69	0.033426478	0.000204	0.020567	0.023494	0.027994	0.033226
2003-4-29	1509.31	-0.018628698	0.000268	0.023574	0.026928	0.032087	0.038083
2003-4-30	1521.44	0.008004662	0.000274	0.023836	0.027228	0.032444	0.038507
2003-5-12	1531.86	0.006825429	0.00026	0.023219	0.026523	0.031604	0.03751
2003-5-13	1485.3	-0.030865911	0.000246	0.022586	0.025799	0.030741	0.036487
2003-5-14	1522.92	0.025012773	0.000296	0.024775	0.0283	0.033721	0.040023
2003-5-15	1555.28	0.021026049	0.000319	0.025719	0.029379	0.035007	0.041549
2003-5-16	1554.45	-0.000533808	0.000327	0.02604	0.029745	0.035443	0.042067
2003-5-19	1555.44	0.000636678	0.000305	0.025149	0.028727	0.03423	0.040627
2003-5-20	1535.52	-0.012889378	0.000284	0.024267	0.02772	0.033031	0.039204
2003-5-21	1533.48	-0.001329423	0.000276	0.023923	0.027327	0.032562	0.038647
2003-5-22	1546.11	0.008202437	0.000258	0.02313	0.026421	0.031482	0.037366
2003-5-23	1560.95	0.009552511	0.000245	0.02254	0.025747	0.030679	0.036412
2003-5-26	1569.51	0.005468858	0.000235	0.022075	0.025216	0.030046	0.035662
2003-5-27	1568.34	-0.000745734	0.000222	0.021456	0.024508	0.029203	0.034661
2003-5-28	1551.81	-0.010595744	0.000208	0.020768	0.023723	0.028268	0.03355
2003-5-29	1568.15	0.010474589	0.000203	0.020517	0.023436	0.027926	0.033145
2003-5-30	1576.26	0.005158372	0.000197	0.020211	0.023087	0.02751	0.032651
2003-6-2	1576.52	0.000164934	0.000187	0.019692	0.022494	0.026803	0.031812
2003-6-3	1562.23	-0.009105599	0.000175	0.019049	0.02176	0.025928	0.030774
2003-6-4	1574.11	0.007575745	0.000171	0.01883	0.02151	0.02563	0.03042
2003-6-5	1556.24	-0.011417378	0.000164	0.018441	0.021065	0.0251	0.029791
2003-6-6	1538.92	-0.011191784	0.000164	0.018441	0.021065	0.0251	0.029791
2003-6-9	1530.21	-0.005675891	0.000163	0.018385	0.021001	0.025024	0.0297
2003-6-10	1538.76	0.005571916	0.000156	0.017986	0.020545	0.02448	0.029055
2003-6-11	1565.84	0.017445524	0.000149	0.017577	0.020079	0.023925	0.028396
2003-6-12	1562.1	-0.002391351	0.000161	0.018272	0.020871	0.02487	0.029517
2003-6-13	1566.76	0.002978723	0.000152	0.017754	0.02028	0.024165	0.028681
2003-6-16	1559.7	-0.004516298	0.000144	0.01728	0.019739	0.02352	0.027916
2003-6-17	1557.17	-0.001623424	0.000137	0.016855	0.019253	0.022941	0.027229
2003-6-18	1553.87	-0.002121478	0.00013	0.016419	0.018755	0.022347	0.026524
2003-6-19	1538.75	-0.009778195	0.000124	0.016035	0.018317	0.021826	0.025905
2003-6-20	1529.47	-0.006049128	0.000124	0.016035	0.018317	0.021826	0.025905
2003-6-23	1511.36	-0.011911362	0.00012	0.015774	0.018019	0.021471	0.025483
2003-6-24	1512.42	0.000701109	0.000124	0.016035	0.018317	0.021826	0.025905
2003-6-25	1502.07	-0.00686686	0.000117	0.015576	0.017792	0.021201	0.025163
2003-6-26	1515.37	0.008815477	0.000115	0.015442	0.01764	0.021019	0.024947
2003-6-27	1497.05	-0.012163129	0.000114	0.015375	0.017563	0.020927	0.024838
2003-6-30	1486.02	-0.0073951	0.000119	0.015709	0.017944	0.021381	0.025377
2003-7-1	1484.7	-0.000888674	0.000117	0.015576	0.017792	0.021201	0.025163
2003-7-2	1499.68	0.01003902	0.000111	0.015171	0.01733	0.02065	0.024509

2003-7-3	1504.43	0.003162337	0.000112	0.01524	0.017408	0.020743	0.024619
2003-7-4	1502.34	-0.001390196	0.000107	0.014895	0.017015	0.020274	0.024063
2003-7-7	1501.48	-0.000572604	0.000102	0.014543	0.016613	0.019795	0.023494
2003-7-8	1512.01	0.006988603	9.77E-05	0.014233	0.016259	0.019373	0.022994
2003-7-9	1503.31	-0.005770548	9.66E-05	0.014153	0.016167	0.019264	0.022864
2003-7-10	1531.92	0.018852507	9.47E-05	0.014013	0.016007	0.019074	0.022638
2003-7-11	1528.85	-0.002006032	0.000115	0.015442	0.01764	0.021019	0.024947
2003-7-14	1521.41	-0.004878282	0.000109	0.015034	0.017173	0.020463	0.024287
2003-7-15	1525.43	0.002638801	0.000106	0.014826	0.016935	0.020179	0.023951
2003-7-16	1529.49	0.002658009	0.000101	0.014472	0.016531	0.019698	0.023379
2003-7-17	1539.35	0.006425903	9.70E-05	0.014182	0.0162	0.019304	0.022911
2003-7-18	1507.16	-0.021133164	9.54E-05	0.014065	0.016066	0.019144	0.022722
2003-7-21	1495.88	-0.007512423	0.000122	0.015905	0.018169	0.021649	0.025695
2003-7-22	1498.48	0.001736599	0.00012	0.015774	0.018019	0.021471	0.025483
2003-7-23	1502.14	0.002439497	0.000114	0.015375	0.017563	0.020927	0.024838
2003-7-24	1493.45	-0.005801878	0.000109	0.015034	0.017173	0.020463	0.024287
2003-7-25	1477.65	-0.010635892	0.000106	0.014826	0.016935	0.020179	0.023951
2003-7-28	1470.39	-0.004925316	0.000109	0.015034	0.017173	0.020463	0.024287
2003-7-29	1477.29	0.004681656	0.000105	0.014756	0.016855	0.020084	0.023837
2003-7-30	1479.65	0.001596245	0.000102	0.014543	0.016613	0.019795	0.023494
2003-7-31	1476.74	-0.001968618	9.72E-05	0.014197	0.016217	0.019324	0.022935
2003-8-1	1476.96	0.000148966	9.32E-05	0.013902	0.01588	0.018922	0.022458
2003-8-4	1494.36	0.0117121	8.91E-05	0.013593	0.015527	0.018501	0.021959
2003-8-5	1494.31	-3.34597E-05	9.48E-05	0.014021	0.016016	0.019084	0.02265
2003-8-6	1486.25	-0.005408393	9.06E-05	0.013707	0.015657	0.018656	0.022143
2003-8-7	1487.37	0.000753291	8.89E-05	0.013577	0.015509	0.01848	0.021934
2003-8-8	1471.27	-0.010883486	8.52E-05	0.013292	0.015183	0.018092	0.021473
2003-8-11	1474.41	0.002131936	9.02E-05	0.013676	0.015622	0.018615	0.022094
2003-8-12	1479.28	0.003297573	8.67E-05	0.013408	0.015316	0.01825	0.021661
2003-8-13	1465.82	-0.00914067	8.39E-05	0.01319	0.015067	0.017953	0.021308
2003-8-14	1455.89	-0.006797415	8.65E-05	0.013393	0.015298	0.018229	0.021636
2003-8-15	1450.2	-0.00391592	8.63E-05	0.013377	0.015281	0.018208	0.021611
2003-8-18	1445.08	-0.003536795	8.39E-05	0.01319	0.015067	0.017953	0.021308
2003-8-19	1449.71	0.003198853	8.15E-05	0.013	0.01485	0.017694	0.021001
2003-8-20	1441.66	-0.005568309	7.91E-05	0.012807	0.014629	0.017432	0.02069
2003-8-21	1441.09	-0.000395456	7.84E-05	0.01275	0.014565	0.017355	0.020598
2003-8-22	1438.88	-0.001534739	7.56E-05	0.012521	0.014302	0.017042	0.020227
2003-8-25	1422.17	-0.011681159	7.31E-05	0.012312	0.014064	0.016758	0.01989
2003-8-26	1425.21	0.002135297	8.03E-05	0.012904	0.01474	0.017564	0.020846
2003-8-27	1425.36	0.000105242	7.76E-05	0.012685	0.01449	0.017266	0.020493
2003-8-28	1415.69	-0.006807369	7.48E-05	0.012454	0.014226	0.016951	0.020119
2003-8-29	1421.98	0.004433222	7.55E-05	0.012512	0.014293	0.017031	0.020213
2003-9-1	1449.81	0.019382247	7.42E-05	0.012404	0.014169	0.016883	0.020039
2003-9-2	1446.51	-0.002278755	9.74E-05	0.014212	0.016234	0.019344	0.022959
2003-9-3	1447.85	0.000925939	9.34E-05	0.013917	0.015897	0.018942	0.022482
2003-9-4	1447.42	-0.000297036	8.94E-05	0.013615	0.015553	0.018532	0.021996
2003-9-5	1431.53	-0.011038859	8.57E-05	0.013331	0.015228	0.018145	0.021536
2003-9-8	1425.72	-0.004066853	9.08E-05	0.013722	0.015674	0.018677	0.022167
2003-9-9	1420.07	-0.003970783	8.82E-05	0.013524	0.015448	0.018407	0.021847
2003-9-10	1423.17	0.002180612	8.57E-05	0.013331	0.015228	0.018145	0.021536
2003-9-11	1423.96	0.000554945	8.26E-05	0.013087	0.01495	0.017813	0.021142

2003-9-12	1409.16	-0.010447941	7.94E-05	0.012831	0.014657	0.017465	0.020729
2003-9-15	1397.54	-0.008280234	8.42E-05	0.013214	0.015094	0.017985	0.021346
2003-9-16	1406.1	0.006106366	8.57E-05	0.013331	0.015228	0.018145	0.021536
2003-9-17	1389.82	-0.011645672	8.48E-05	0.013261	0.015147	0.018049	0.021422
2003-9-18	1390.48	0.000474769	9.10E-05	0.013737	0.015691	0.018697	0.022191
2003-9-19	1391.37	0.000639862	8.71E-05	0.013439	0.015351	0.018292	0.021711
2003-9-22	1381.44	-0.00716244	8.36E-05	0.013166	0.01504	0.017921	0.02127
2003-9-23	1390.17	0.006299608	8.40E-05	0.013198	0.015076	0.017964	0.021321
2003-9-24	1394.22	0.002909077	8.33E-05	0.013143	0.015013	0.017889	0.021232
2003-9-25	1376.29	-0.012943646	8.06E-05	0.012928	0.014768	0.017596	0.020885
2003-9-26	1370.84	-0.003967782	8.94E-05	0.013615	0.015553	0.018532	0.021996
2003-9-29	1355.33	-0.011378724	8.68E-05	0.013416	0.015325	0.018261	0.021673
2003-9-30	1367.16	0.008690628	9.24E-05	0.013842	0.015812	0.01884	0.022362
2003-10-8	1371.68	0.00330067	9.35E-05	0.013924	0.015905	0.018952	0.022494
2003-10-9	1369.17	-0.001831549	9.02E-05	0.013676	0.015622	0.018615	0.022094
2003-10-10	1404	0.025120589	8.66E-05	0.013401	0.015307	0.01824	0.021648
2003-10-13	1399.65	-0.0031031	0.000126	0.016164	0.018464	0.022001	0.026113
2003-10-14	1388.17	-0.008235872	0.00012	0.015774	0.018019	0.021471	0.025483
2003-10-15	1383.09	-0.003666206	0.000119	0.015709	0.017944	0.021381	0.025377
2003-10-16	1365.5	-0.012799465	0.000114	0.015375	0.017563	0.020927	0.024838
2003-10-17	1370.58	0.003713346	0.00012	0.015774	0.018019	0.021471	0.025483
2003-10-20	1359.49	-0.008124378	0.000115	0.015442	0.01764	0.021019	0.024947
2003-10-21	1364.3	0.003531847	0.000114	0.015375	0.017563	0.020927	0.024838
2003-10-22	1398.01	0.02440832	0.000109	0.015034	0.017173	0.020463	0.024287
2003-10-23	1386.65	-0.008159031	0.000144	0.01728	0.019739	0.02352	0.027916
2003-10-24	1381.83	-0.003482059	0.000141	0.017099	0.019532	0.023274	0.027623
2003-10-27	1369.46	-0.008992206	0.000134	0.016669	0.019041	0.022689	0.026929
2003-10-28	1369.32	-0.000102235	0.000132	0.016544	0.018898	0.022519	0.026727
2003-10-29	1361.48	-0.005741923	0.000125	0.0161	0.018391	0.021913	0.026009
2003-10-30	1344.63	-0.012453461	0.000121	0.01584	0.018094	0.02156	0.025589
2003-10-31	1348.3	0.002725657	0.000126	0.016164	0.018464	0.022001	0.026113
2003-11-3	1364.05	0.011613676	0.00012	0.015774	0.018019	0.021471	0.025483
2003-11-4	1389.54	0.018514541	0.000123	0.01597	0.018243	0.021737	0.0258
2003-11-5	1385.11	-0.003193198	0.00014	0.017038	0.019463	0.023191	0.027525
2003-11-6	1356.79	-0.020657943	0.000133	0.016607	0.01897	0.022604	0.026828
2003-11-7	1335.2	-0.016040522	0.000155	0.017928	0.020479	0.024402	0.028962
2003-11-10	1340.09	0.003655683	0.000164	0.018441	0.021065	0.0251	0.029791
2003-11-11	1343.61	0.002623246	0.000156	0.017986	0.020545	0.02448	0.029055
2003-11-12	1317.79	-0.01940393	0.000147	0.017459	0.019943	0.023764	0.028205
2003-11-13	1319.6	0.001372569	0.000165	0.018497	0.021129	0.025177	0.029882
2003-11-14	1331.05	0.008639444	0.000155	0.017928	0.020479	0.024402	0.028962
2003-11-17	1328.1	-0.002218755	0.000152	0.017754	0.02028	0.024165	0.028681
2003-11-18	1316.56	-0.008727075	0.000143	0.01722	0.01967	0.023438	0.027819
2003-11-19	1338.87	0.0168037	0.000141	0.017099	0.019532	0.023274	0.027623
2003-11-20	1376.5	0.027718071	0.000152	0.017754	0.02028	0.024165	0.028681
2003-11-21	1361.55	-0.010920289	0.000196	0.02016	0.023029	0.02744	0.032568
2003-11-24	1404	0.030701549	0.000192	0.019953	0.022792	0.027159	0.032234
2003-11-25	1408.41	0.003136103	0.000245	0.02254	0.025747	0.030679	0.036412
2003-11-26	1411.9	0.002474907	0.00023	0.021839	0.024946	0.029725	0.03528
2003-11-27	1389.1	-0.01628026	0.000215	0.021115	0.024119	0.028739	0.03411
2003-11-28	1397.22	0.005828493	0.00022	0.021359	0.024398	0.029071	0.034505

2003-12-1	1432.7	0.025076228	0.000208	0.020768	0.023723	0.028268	0.03355
2003-12-2	1435.31	0.001820078	0.000238	0.022215	0.025376	0.030237	0.035888
2003-12-3	1445.02	0.006742309	0.000223	0.021504	0.024564	0.029269	0.034739
2003-12-4	1452.8	0.005369567	0.000212	0.020967	0.02395	0.028538	0.033871
2003-12-5	1451.11	-0.001163948	0.0002	0.020365	0.023262	0.027719	0.032899
2003-12-8	1436.66	-0.010007806	0.000188	0.019744	0.022554	0.026874	0.031897
2003-12-9	1443.36	0.004652754	0.000183	0.01948	0.022252	0.026514	0.03147
2003-12-10	1469.42	0.017894036	0.000174	0.018995	0.021698	0.025854	0.030686
2003-12-11	1470.02	0.000408241	0.000185	0.019586	0.022373	0.026659	0.031641
2003-12-12	1470.79	0.000523665	0.000174	0.018995	0.021698	0.025854	0.030686
2003-12-15	1470.35	-0.000299204	0.000163	0.018385	0.021001	0.025024	0.0297
2003-12-16	1466.33	-0.002737787	0.000154	0.01787	0.020413	0.024323	0.028869
2003-12-17	1453.99	-0.008451179	0.000145	0.01734	0.019807	0.023602	0.028012
2003-12-18	1457.3	0.002273907	0.000142	0.01716	0.019601	0.023356	0.027721
2003-12-19	1446.28	-0.007590666	0.000135	0.016731	0.019112	0.022773	0.027029
2003-12-22	1492.96	0.031765984	0.000131	0.016482	0.018827	0.022433	0.026626
2003-12-23	1500.64	0.005130957	0.000194	0.020057	0.022911	0.0273	0.032402
2003-12-24	1513.82	0.008744574	0.000183	0.01948	0.022252	0.026514	0.03147
2003-12-25	1512.59	-0.000812844	0.000177	0.019158	0.021884	0.026076	0.030949
2003-12-26	1514.77	0.001440199	0.000167	0.018609	0.021257	0.025329	0.030062
2003-12-29	1496.42	-0.012188023	0.000157	0.018043	0.020611	0.024559	0.029148
2003-12-30	1511.69	0.010152641	0.000158	0.018101	0.020676	0.024637	0.029241
2003-12-31	1497.04	-0.009738405	0.000156	0.017986	0.020545	0.02448	0.029055
2004-1-2	1517.19	0.013370115	0.000154	0.01787	0.020413	0.024323	0.028869
2004-1-5	1568.35	0.033164172	0.000157	0.018043	0.020611	0.024559	0.029148
2004-1-6	1574.52	0.003926353	0.000224	0.021552	0.024619	0.029335	0.034817
2004-1-7	1587.2	0.008020994	0.00021	0.020868	0.023837	0.028403	0.033711
2004-1-8	1610.12	0.014337253	0.000201	0.020416	0.02332	0.027788	0.032981
2004-1-9	1581.46	-0.017960239	0.000203	0.020517	0.023436	0.027926	0.033145
2004-1-12	1618.51	0.023157502	0.000213	0.021016	0.024007	0.028605	0.033951
2004-1-13	1612.68	-0.003608582	0.000236	0.022122	0.025269	0.03011	0.035737
2004-1-14	1592.42	-0.01264252	0.000221	0.021407	0.024453	0.029137	0.034583
2004-1-15	1586.49	-0.003730843	0.000218	0.021261	0.024287	0.028939	0.034347
2004-1-16	1600.42	0.008742066	0.000205	0.020618	0.023551	0.028063	0.033308
2004-1-29	1628.83	0.017595871	0.000198	0.020263	0.023146	0.02758	0.032734
2004-1-30	1590.72	-0.023675222	0.000207	0.020718	0.023666	0.028199	0.03347
2004-2-2	1623.88	0.020631603	0.000233	0.021981	0.025108	0.029918	0.035509
2004-2-3	1649.28	0.015520482	0.000247	0.022631	0.025852	0.030804	0.036561
2004-2-4	1685.15	0.021515752	0.000247	0.022631	0.025852	0.030804	0.036561
2004-2-5	1693.42	0.004895572	0.000262	0.023308	0.026625	0.031725	0.037654
2004-2-6	1679.19	-0.008438618	0.000247	0.022631	0.025852	0.030804	0.036561
2004-2-9	1703.52	0.014385164	0.000235	0.022075	0.025216	0.030046	0.035662
2004-2-10	1691	-0.007376629	0.000234	0.022028	0.025162	0.029982	0.035586
2004-2-11	1677.75	-0.00786646	0.000223	0.021504	0.024564	0.029269	0.034739
2004-2-12	1663.83	-0.008331436	0.000213	0.021016	0.024007	0.028605	0.033951
2004-2-13	1658.53	-0.003190506	0.000204	0.020567	0.023494	0.027994	0.033226
2004-2-16	1696.82	0.022824243	0.000192	0.019953	0.022792	0.027159	0.032234
2004-2-17	1703.77	0.004087532	0.000216	0.021164	0.024175	0.028806	0.034189
2004-2-18	1717.09	0.007787555	0.000203	0.020517	0.023436	0.027926	0.033145
2004-2-19	1717.01	-4.65915E-05	0.000195	0.020109	0.02297	0.02737	0.032485
2004-2-20	1721.75	0.002756809	0.000183	0.01948	0.022252	0.026514	0.03147



2004-2-23	1681.65	-0.023565761	0.000172	0.018885	0.021573	0.025705	0.030509
2004-2-24	1682.29	0.000380506	0.0002	0.020365	0.023262	0.027719	0.032899
2004-2-25	1647.38	-0.020969813	0.000188	0.019744	0.022554	0.026874	0.031897
2004-2-26	1654.89	0.004548394	0.000207	0.020718	0.023666	0.028199	0.03347
2004-2-27	1675.06	0.012114444	0.000195	0.020109	0.02297	0.02737	0.032485
2004-3-1	1689.76	0.008737521	0.000193	0.020005	0.022852	0.027229	0.032318
2004-3-2	1687.27	-0.001474669	0.000186	0.019639	0.022433	0.026731	0.031727
2004-3-3	1661.81	-0.015204468	0.000175	0.019049	0.02176	0.025928	0.030774
2004-3-4	1668.87	0.004239381	0.000181	0.019373	0.02213	0.026369	0.031297
2004-3-5	1662.09	-0.004070904	0.000171	0.01883	0.02151	0.02563	0.03042
2004-3-8	1637.14	-0.01512503	0.000162	0.018328	0.020936	0.024947	0.029609
2004-3-9	1637.09	-3.05415E-05	0.000169	0.01872	0.021384	0.02548	0.030242
2004-3-10	1678.07	0.024724048	0.000159	0.018158	0.020741	0.024715	0.029334
2004-3-11	1691.64	0.008054149	0.000191	0.019901	0.022733	0.027088	0.03215
2004-3-12	1694.74	0.001830864	0.000184	0.019533	0.022313	0.026587	0.031555
2004-3-15	1736.22	0.024181	0.000173	0.01894	0.021635	0.02578	0.030598
2004-3-16	1745.54	0.005353627	0.000203	0.020517	0.023436	0.027926	0.033145
2004-3-17	1745.09	-0.000257833	0.000192	0.019953	0.022792	0.027159	0.032234
2004-3-18	1717.26	-0.016076133	0.00018	0.01932	0.022069	0.026296	0.031211
2004-3-19	1747.87	0.017667906	0.000187	0.019692	0.022494	0.026803	0.031812
2004-3-22	1755.68	0.004458343	0.000197	0.020211	0.023087	0.02751	0.032651
2004-3-23	1741.69	-0.00800034	0.000186	0.019639	0.022433	0.026731	0.031727
2004-3-24	1740.05	-0.000942058	0.000179	0.019266	0.022007	0.026223	0.031124
2004-3-25	1736.47	-0.002059532	0.000168	0.018665	0.02132	0.025405	0.030152
2004-3-26	1734.04	-0.001400371	0.000159	0.018158	0.020741	0.024715	0.029334
2004-3-29	1719.67	-0.008321534	0.00015	0.017636	0.020146	0.024005	0.028491
2004-3-30	1724.27	0.002671361	0.000146	0.0174	0.019875	0.023683	0.028109
2004-3-31	1741.62	0.010011942	0.000138	0.016916	0.019323	0.023025	0.027328
2004-4-1	1758.14	0.009440717	0.000137	0.016855	0.019253	0.022941	0.027229
2004-4-2	1768.64	0.005954458	0.000136	0.016793	0.019183	0.022857	0.027129
2004-4-5	1766.48	-0.001222024	0.000131	0.016482	0.018827	0.022433	0.026626
2004-4-6	1777.51	0.006224643	0.000124	0.016035	0.018317	0.021826	0.025905
2004-4-7	1774.55	-0.001666639	0.00012	0.015774	0.018019	0.021471	0.025483
2004-4-8	1770.27	-0.002414792	0.000114	0.015375	0.017563	0.020927	0.024838
2004-4-9	1727.34	-0.024549424	0.000109	0.015034	0.017173	0.020463	0.024287
2004-4-12	1722.98	-0.002527303	0.000146	0.0174	0.019875	0.023683	0.028109
2004-4-13	1715.13	-0.00456647	0.000138	0.016916	0.019323	0.023025	0.027328
2004-4-14	1697.15	-0.010538506	0.000132	0.016544	0.018898	0.022519	0.026727
2004-4-15	1679.07	-0.010710305	0.000133	0.016607	0.01897	0.022604	0.026828
2004-4-16	1693.86	0.008769879	0.000134	0.016669	0.019041	0.022689	0.026929
2004-4-19	1675.88	-0.010671548	0.000131	0.016482	0.018827	0.022433	0.026626
2004-4-20	1669.42	-0.00386214	0.000132	0.016544	0.018898	0.022519	0.026727
2004-4-21	1651.57	-0.01074991	0.000126	0.016164	0.018464	0.022001	0.026113
2004-4-22	1657.78	0.003753007	0.000128	0.016292	0.01861	0.022175	0.026319
2004-4-23	1635.5	-0.01353079	0.000122	0.015905	0.018169	0.021649	0.025695
2004-4-26	1635.49	-6.11436E-06	0.000129	0.016355	0.018682	0.022261	0.026422
2004-4-27	1611.86	-0.014553662	0.000122	0.015905	0.018169	0.021649	0.025695
2004-4-28	1606.8	-0.003144168	0.00013	0.016419	0.018755	0.022347	0.026524
2004-4-29	1579.44	-0.01717427	0.000124	0.016035	0.018317	0.021826	0.025905
2004-4-30	1595.58	0.010166953	0.000138	0.016916	0.019323	0.023025	0.027328
2004-5-10	1560.21	-0.022416879	0.000138	0.016916	0.019323	0.023025	0.027328

2004-5-11	1568.05	0.005012382	0.000165	0.018497	0.021129	0.025177	0.029882
2004-5-12	1603.76	0.022518063	0.000157	0.018043	0.020611	0.024559	0.029148
2004-5-13	1597.57	-0.003867148	0.000183	0.01948	0.022252	0.026514	0.03147
2004-5-14	1562.68	-0.022081429	0.000173	0.01894	0.021635	0.02578	0.030598
2004-5-17	1539.95	-0.014652348	0.000196	0.02016	0.023029	0.02744	0.032568
2004-5-18	1555.44	0.010008515	0.000199	0.020314	0.023204	0.027649	0.032817
2004-5-19	1558.28	0.001824185	0.000194	0.020057	0.022911	0.0273	0.032402
2004-5-20	1549.06	-0.005934354	0.000182	0.019427	0.022191	0.026442	0.031384
2004-5-21	1558.33	0.00596644	0.000173	0.01894	0.021635	0.02578	0.030598
2004-5-24	1550.34	-0.005140473	0.000165	0.018497	0.021129	0.025177	0.029882
2004-5-25	1518.04	-0.021054233	0.000157	0.018043	0.020611	0.024559	0.029148
2004-5-26	1524.43	0.004200541	0.000179	0.019266	0.022007	0.026223	0.031124
2004-5-27	1557.17	0.021249502	0.00017	0.018775	0.021447	0.025555	0.030331
2004-5-28	1548.72	-0.005441288	0.00019	0.019849	0.022673	0.027017	0.032066
2004-5-31	1555.9	0.004625373	0.000181	0.019373	0.02213	0.026369	0.031297
2004-6-1	1579.65	0.015149147	0.000171	0.01883	0.02151	0.02563	0.03042
2004-6-2	1567.06	-0.008002051	0.000177	0.019158	0.021884	0.026076	0.030949
2004-6-3	1543.52	-0.01513573	0.000171	0.01883	0.02151	0.02563	0.03042
2004-6-4	1542.08	-0.000933368	0.000176	0.019104	0.021822	0.026002	0.030862
2004-6-7	1517.14	-0.016305171	0.000166	0.018553	0.021193	0.025253	0.029972
2004-6-8	1493.81	-0.01549708	0.000175	0.019049	0.02176	0.025928	0.030774
2004-6-9	1468.07	-0.01738129	0.000181	0.019373	0.02213	0.026369	0.031297
2004-6-10	1468.34	0.000183898	0.000191	0.019901	0.022733	0.027088	0.03215
2004-6-11	1472.07	0.002537063	0.000179	0.019266	0.022007	0.026223	0.031124
2004-6-14	1438.73	-0.022908794	0.000169	0.01872	0.021384	0.02548	0.030242
2004-6-15	1463.77	0.017254519	0.000195	0.020109	0.02297	0.02737	0.032485
2004-6-16	1475.41	0.007920618	0.000204	0.020567	0.023494	0.027994	0.033226
2004-6-17	1445.5	-0.020480635	0.000195	0.020109	0.02297	0.02737	0.032485
2004-6-18	1427.3	-0.012670735	0.000212	0.020967	0.02395	0.028538	0.033871
2004-6-21	1433.46	0.004306555	0.00021	0.020868	0.023837	0.028403	0.033711
2004-6-22	1450.68	0.01194131	0.000198	0.020263	0.023146	0.02758	0.032734
2004-6-23	1440.72	-0.006889423	0.000195	0.020109	0.02297	0.02737	0.032485
2004-6-24	1427.75	-0.00904321	0.000187	0.019692	0.022494	0.026803	0.031812
2004-6-25	1401.11	-0.018834999	0.000181	0.019373	0.02213	0.026369	0.031297
2004-6-28	1385.18	-0.011434685	0.000195	0.020109	0.02297	0.02737	0.032485
2004-6-29	1408.68	0.016823001	0.000192	0.019953	0.022792	0.027159	0.032234
2004-6-30	1399.16	-0.006781039	0.000199	0.020314	0.023204	0.027649	0.032817
2004-7-1	1441.06	0.029506897	0.00019	0.019849	0.022673	0.027017	0.032066
2004-7-2	1441.19	9.02073E-05	0.000238	0.022215	0.025376	0.030237	0.035888
2004-7-5	1444.59	0.002356383	0.000223	0.021504	0.024564	0.029269	0.034739
2004-7-6	1450.5	0.00408278	0.000209	0.020818	0.02378	0.028335	0.033631
2004-7-7	1438.39	-0.008383892	0.000197	0.020211	0.023087	0.02751	0.032651
2004-7-8	1439.78	0.000965892	0.000189	0.019797	0.022614	0.026946	0.031981
2004-7-9	1430.65	-0.006361438	0.000178	0.019212	0.021946	0.02615	0.031037
2004-7-12	1397.14	-0.023701596	0.00017	0.018775	0.021447	0.025555	0.030331
2004-7-13	1399.46	0.001659158	0.000199	0.020314	0.023204	0.027649	0.032817
2004-7-14	1403.75	0.003060779	0.000187	0.019692	0.022494	0.026803	0.031812
2004-7-15	1421.54	0.012593564	0.000176	0.019104	0.021822	0.026002	0.030862
2004-7-16	1456.13	0.024041441	0.000176	0.019104	0.021822	0.026002	0.030862
2004-7-19	1457.53	0.000960991	0.000205	0.020618	0.023551	0.028063	0.033308
2004-7-20	1447.94	-0.006601366	0.000192	0.019953	0.022792	0.027159	0.032234

2004-7-21	1448.03	6.21553E-05	0.000183	0.01948	0.022252	0.026514	0.03147
2004-7-22	1407.43	-0.028438666	0.000172	0.018885	0.021573	0.025705	0.030509
2004-7-23	1407.39	-2.8421E-05	0.000218	0.021261	0.024287	0.028939	0.034347
2004-7-26	1387.67	-0.014110844	0.000204	0.020567	0.023494	0.027994	0.033226
2004-7-27	1384.12	-0.002561523	0.000205	0.020618	0.023551	0.028063	0.033308
2004-7-28	1388.81	0.003382707	0.000193	0.020005	0.022852	0.027229	0.032318
2004-7-29	1407.33	0.013247027	0.000182	0.019427	0.022191	0.026442	0.031384
2004-7-30	1386.2	-0.015128102	0.000183	0.01948	0.022252	0.026514	0.03147
2004-8-2	1373.21	-0.009415126	0.000188	0.019744	0.022554	0.026874	0.031897
2004-8-3	1366.25	-0.005081304	0.000182	0.019427	0.022191	0.026442	0.031384
2004-8-4	1404.5	0.027611607	0.000173	0.01894	0.021635	0.02578	0.030598
2004-8-5	1389.03	-0.011075706	0.000215	0.021115	0.024119	0.028739	0.03411
2004-8-6	1390.46	0.001028966	0.00021	0.020868	0.023837	0.028403	0.033711
2004-8-9	1395.84	0.003861757	0.000197	0.020211	0.023087	0.02751	0.032651
2004-8-10	1400.76	0.003518562	0.000185	0.019586	0.022373	0.026659	0.031641
2004-8-11	1384.96	-0.011343688	0.000175	0.019049	0.02176	0.025928	0.030774
2004-8-12	1368.19	-0.01218256	0.000173	0.01894	0.021635	0.02578	0.030598
2004-8-13	1368.45	0.000190014	0.000174	0.018995	0.021698	0.025854	0.030686
2004-8-16	1354.51	-0.010238947	0.000163	0.018385	0.021001	0.025024	0.0297
2004-8-17	1360.2	0.004191982	0.000161	0.018272	0.020871	0.02487	0.029517
2004-8-18	1358.21	-0.001464091	0.000153	0.017812	0.020346	0.024244	0.028775
2004-8-19	1340.45	-0.013162278	0.000144	0.01728	0.019739	0.02352	0.027916
2004-8-20	1341.73	0.000954448	0.000148	0.017518	0.020011	0.023844	0.028301
2004-8-23	1325.41	-0.012237981	0.00014	0.017038	0.019463	0.023191	0.027525
2004-8-24	1344.62	0.0143896	0.000143	0.01722	0.01967	0.023438	0.027819
2004-8-25	1339.78	-0.003606024	0.000149	0.017577	0.020079	0.023925	0.028396
2004-8-26	1334.42	-0.004008681	0.000141	0.017099	0.019532	0.023274	0.027623
2004-8-27	1320.61	-0.010402989	0.000135	0.016731	0.019112	0.022773	0.027029
2004-8-30	1319.4	-0.000916663	0.000135	0.016731	0.019112	0.022773	0.027029
2004-8-31	1342.06	0.017028659	0.000128	0.016292	0.01861	0.022175	0.026319
2004-9-1	1321.46	-0.015468561	0.000141	0.017099	0.019532	0.023274	0.027623
2004-9-2	1327.92	0.004876622	0.00015	0.017636	0.020146	0.024005	0.028491
2004-9-3	1327.11	-0.000610163	0.000143	0.01722	0.01967	0.023438	0.027819
2004-9-6	1321.46	-0.00426646	0.000135	0.016731	0.019112	0.022773	0.027029
2004-9-7	1324.29	0.002139281	0.000129	0.016355	0.018682	0.022261	0.026422
2004-9-8	1309.33	-0.011360911	0.000122	0.015905	0.018169	0.021649	0.025695
2004-9-9	1284.3	-0.019301733	0.000125	0.0161	0.018391	0.021913	0.026009
2004-9-10	1287.08	0.002162264	0.000144	0.01728	0.019739	0.02352	0.027916
2004-9-13	1260.31	-0.021018364	0.000137	0.016855	0.019253	0.022941	0.027229
2004-9-14	1300.35	0.031275737	0.00016	0.018215	0.020807	0.024792	0.029426
2004-9-15	1355.22	0.041330344	0.000218	0.021261	0.024287	0.028939	0.034347
2004-9-16	1371.2	0.011722466	0.000322	0.02584	0.029517	0.035171	0.041744
2004-9-17	1414.7	0.031231226	0.000309	0.025313	0.028915	0.034454	0.040893
2004-9-20	1463.22	0.033721992	0.000355	0.027132	0.030992	0.036929	0.043831
2004-9-21	1448.56	-0.010069527	0.000408	0.029087	0.033225	0.03959	0.046989
2004-9-22	1420.14	-0.019814501	0.000386	0.028292	0.032317	0.038508	0.045705
2004-9-23	1464.77	0.030942775	0.000386	0.028292	0.032317	0.038508	0.045705
2004-9-24	1435.56	-0.020143217	0.000425	0.029686	0.03391	0.040406	0.047958
2004-9-27	1427.39	-0.005707415	0.000423	0.029616	0.033831	0.040311	0.047845
2004-9-28	1435.58	0.005721347	0.000395	0.028619	0.032692	0.038954	0.046234
2004-9-29	1420	-0.010912077	0.000369	0.027661	0.031597	0.03765	0.044687

2004-9-30	1396.7	-0.01654456	0.000352	0.027017	0.030861	0.036773	0.043645
2004-10-8	1422.92	0.018598787	0.000346	0.026786	0.030597	0.036458	0.043272
2004-10-11	1413.15	-0.006889843	0.000346	0.026786	0.030597	0.036458	0.043272
2004-10-12	1384.43	-0.020532753	0.000325	0.02596	0.029654	0.035334	0.041938
2004-10-13	1386.72	0.001652744	0.000332	0.026238	0.029972	0.035713	0.042387
2004-10-14	1332.93	-0.03956172	0.000309	0.025313	0.028915	0.034454	0.040893
2004-10-15	1330.51	-0.001817199	0.000397	0.028692	0.032774	0.039053	0.046351
2004-10-18	1335.39	0.003661057	0.000369	0.027661	0.031597	0.03765	0.044687
2004-10-19	1337.61	0.001661055	0.000344	0.026708	0.030508	0.036353	0.043146
2004-10-20	1330.58	-0.005269502	0.00032	0.02576	0.029425	0.035062	0.041614
2004-10-21	1310.54	-0.015175671	0.0003	0.024942	0.028491	0.033948	0.040293
2004-10-22	1329.35	0.014250835	0.000296	0.024775	0.0283	0.033721	0.040023
2004-10-25	1311.15	-0.013785486	0.00029	0.024522	0.028012	0.033378	0.039615
2004-10-26	1324.78	0.010341793	0.000283	0.024225	0.027672	0.032972	0.039134
2004-10-27	1342.79	0.013503131	0.000271	0.023705	0.027078	0.032266	0.038296
2004-10-28	1341.73	-0.000789713	0.000266	0.023486	0.026828	0.031967	0.037941
2004-10-29	1320.53	-0.015926655	0.000248	0.022677	0.025904	0.030866	0.036635
2004-11-1	1305.29	-0.011607933	0.000249	0.022723	0.025956	0.030928	0.036708
2004-11-2	1301.52	-0.002892426	0.000243	0.022447	0.025641	0.030553	0.036263
2004-11-3	1326.74	0.019191993	0.000227	0.021696	0.024783	0.02953	0.035049
2004-11-4	1304.77	-0.016698025	0.000238	0.022215	0.025376	0.030237	0.035888
2004-11-5	1305.12	0.000268211	0.000242	0.022401	0.025589	0.03049	0.036189
2004-11-8	1304.22	-0.00068983	0.000226	0.021648	0.024728	0.029465	0.034972
2004-11-9	1307.42	0.002450569	0.000211	0.020917	0.023894	0.028471	0.033791
2004-11-10	1354.38	0.035288055	0.000198	0.020263	0.023146	0.02758	0.032734
2004-11-11	1347.07	-0.005411922	0.000272	0.023749	0.027128	0.032325	0.038366
2004-11-12	1352.21	0.003808428	0.000256	0.02304	0.026318	0.03136	0.037221
2004-11-15	1370.04	0.013099645	0.00024	0.022308	0.025483	0.030364	0.036039
2004-11-16	1370.38	0.000248137	0.000236	0.022122	0.025269	0.03011	0.035737
2004-11-17	1356.13	-0.010453019	0.00022	0.021359	0.024398	0.029071	0.034505
2004-11-18	1367.82	0.008583176	0.000214	0.021065	0.024063	0.028672	0.034031
2004-11-19	1379.96	0.008836282	0.000205	0.020618	0.023551	0.028063	0.033308
2004-11-22	1383.02	0.002215001	0.000198	0.020263	0.023146	0.02758	0.032734
2004-11-23	1371.24	-0.008554074	0.000186	0.019639	0.022433	0.026731	0.031727
2004-11-24	1359.12	-0.008878008	0.000179	0.019266	0.022007	0.026223	0.031124
2004-11-25	1358.33	-0.000581427	0.000174	0.018995	0.021698	0.025854	0.030686
2004-11-26	1356.72	-0.001185982	0.000164	0.018441	0.021065	0.0251	0.029791
2004-11-29	1337.43	-0.01432016	0.000154	0.01787	0.020413	0.024323	0.028869
2004-11-30	1340.77	0.002494214	0.00016	0.018215	0.020807	0.024792	0.029426
2004-12-1	1334.94	-0.004357729	0.000151	0.017695	0.020213	0.024085	0.028586
2004-12-2	1333.09	-0.001386791	0.000144	0.01728	0.019739	0.02352	0.027916
2004-12-3	1337.19	0.003070841	0.000136	0.016793	0.019183	0.022857	0.027129
2004-12-6	1339.64	0.001830524	0.000129	0.016355	0.018682	0.022261	0.026422
2004-12-7	1323.75	-0.011932303	0.000122	0.015905	0.018169	0.021649	0.025695
2004-12-8	1326.43	0.002022505	0.000126	0.016164	0.018464	0.022001	0.026113
2004-12-9	1338.81	0.009290037	0.00012	0.015774	0.018019	0.021471	0.025483
2004-12-10	1317.71	-0.015885778	0.000119	0.015709	0.017944	0.021381	0.025377
2004-12-13	1309.69	-0.006104914	0.000131	0.016482	0.018827	0.022433	0.026626
2004-12-14	1307.55	-0.001635311	0.000126	0.016164	0.018464	0.022001	0.026113
2004-12-15	1313.04	0.004189902	0.00012	0.015774	0.018019	0.021471	0.025483
2004-12-16	1305.01	-0.006134356	0.000115	0.015442	0.01764	0.021019	0.024947

2004-12-17	1290.49	-0.011188712	0.000112	0.01524	0.017408	0.020743	0.024619
2004-12-20	1275.45	-0.011722934	0.000115	0.015442	0.01764	0.021019	0.024947
2004-12-21	1275.17	-0.000219554	0.000119	0.015709	0.017944	0.021381	0.025377
2004-12-22	1307.57	0.02509095	0.000113	0.015307	0.017486	0.020835	0.024729
2004-12-23	1282.71	-0.019195425	0.000151	0.017695	0.020213	0.024085	0.028586
2004-12-24	1285.03	0.001807037	0.000168	0.018665	0.02132	0.025405	0.030152
2004-12-27	1280.27	-0.003711071	0.000158	0.018101	0.020676	0.024637	0.029241
2004-12-28	1278.94	-0.001039383	0.00015	0.017636	0.020146	0.024005	0.028491
2004-12-29	1274.31	-0.003626754	0.000141	0.017099	0.019532	0.023274	0.027623
2004-12-30	1273.7	-0.000478805	0.000135	0.016731	0.019112	0.022773	0.027029
2004-12-31	1266.49	-0.005676756	0.000127	0.016228	0.018537	0.022088	0.026216
2005-1-4	1242.77	-0.018906535	0.000123	0.01597	0.018243	0.021737	0.0258
2005-1-5	1251.93	0.007343601	0.000141	0.017099	0.019532	0.023274	0.027623
2005-1-6	1239.43	-0.010034764	0.000137	0.016855	0.019253	0.022941	0.027229
2005-1-7	1244.74	0.004275076	0.000137	0.016855	0.019253	0.022941	0.027229
2005-1-10	1252.4	0.006135038	0.000131	0.016482	0.018827	0.022433	0.026626
2005-1-11	1257.46	0.004032103	0.000126	0.016164	0.018464	0.022001	0.026113
2005-1-12	1256.92	-0.000429529	0.00012	0.015774	0.018019	0.021471	0.025483
2005-1-13	1256.31	-0.000485431	0.000114	0.015375	0.017563	0.020927	0.024838
2005-1-14	1245.62	-0.008545455	0.000109	0.015034	0.017173	0.020463	0.024287
2005-1-17	1216.65	-0.023532218	0.000109	0.015034	0.017173	0.020463	0.024287
2005-1-18	1225.45	0.007206943	0.000142	0.01716	0.019601	0.023356	0.027721
2005-1-19	1218.1	-0.006015856	0.000138	0.016916	0.019323	0.023025	0.027328
2005-1-20	1204.39	-0.011319053	0.000133	0.016607	0.01897	0.022604	0.026828
2005-1-21	1234.47	0.024668513	0.000134	0.016669	0.019041	0.022689	0.026929
2005-1-24	1255.77	0.017107202	0.000169	0.01872	0.021384	0.02548	0.030242
2005-1-25	1254.23	-0.001227092	0.000179	0.019266	0.022007	0.026223	0.031124
2005-1-26	1241.95	-0.009839113	0.000168	0.018665	0.02132	0.025405	0.030152
2005-1-27	1225.89	-0.013015614	0.000165	0.018497	0.021129	0.025177	0.029882
2005-1-28	1213.67	-0.010018284	0.000167	0.018609	0.021257	0.025329	0.030062
2005-1-31	1191.82	-0.018167276	0.000164	0.018441	0.021065	0.0251	0.029791
2005-2-1	1188.93	-0.002427808	0.000178	0.019212	0.021946	0.02615	0.031037
2005-2-2	1252.5	0.052087811	0.000167	0.018609	0.021257	0.025329	0.030062
2005-2-3	1242.3	-0.008177054	0.000345	0.026747	0.030553	0.036405	0.043209
2005-2-4	1269	0.021264688	0.000325	0.02596	0.029654	0.035334	0.041938
2005-2-16	1278.88	0.007755506	0.000334	0.026317	0.030062	0.03582	0.042515
2005-2-17	1276.13	-0.002152634	0.000315	0.025557	0.029194	0.034787	0.041288
2005-2-18	1258.96	-0.013546077	0.000293	0.024649	0.028156	0.03355	0.03982
2005-2-21	1284.48	0.020067984	0.000286	0.024353	0.027818	0.033147	0.039341
2005-2-22	1309.27	0.019115763	0.000295	0.024733	0.028252	0.033664	0.039956
2005-2-23	1309.47	0.000152745	0.0003	0.024942	0.028491	0.033948	0.040293
2005-2-24	1309.94	0.000358859	0.000279	0.024053	0.027475	0.032738	0.038857
2005-2-25	1312.44	0.001906666	0.00026	0.023219	0.026523	0.031604	0.03751
2005-2-28	1306	-0.004918969	0.000243	0.022447	0.025641	0.030553	0.036263
2005-3-1	1303.41	-0.001985124	0.000229	0.021791	0.024892	0.02966	0.035203
2005-3-2	1287.45	-0.012320389	0.000215	0.021115	0.024119	0.028739	0.03411
2005-3-3	1294.33	0.005329669	0.000212	0.020967	0.02395	0.028538	0.033871
2005-3-4	1287.71	-0.00512774	0.0002	0.020365	0.023262	0.027719	0.032899
2005-3-7	1293.73	0.004664072	0.000189	0.019797	0.022614	0.026946	0.031981
2005-3-8	1318.27	0.018790752	0.000179	0.019266	0.022007	0.026223	0.031124
2005-3-9	1316.79	-0.001123314	0.000192	0.019953	0.022792	0.027159	0.032234

2005-3-10	1286.23	-0.023481498	0.000181	0.019373	0.02213	0.026369	0.031297
2005-3-11	1289.94	0.002880247	0.000208	0.020768	0.023723	0.028268	0.03355
2005-3-14	1293.5	0.002756017	0.000196	0.02016	0.023029	0.02744	0.032568
2005-3-15	1269.14	-0.019012217	0.000184	0.019533	0.022313	0.026587	0.031555
2005-3-16	1255.58	-0.010741889	0.000198	0.020263	0.023146	0.02758	0.032734
2005-3-17	1243.47	-0.009691759	0.000194	0.020057	0.022911	0.0273	0.032402
2005-3-18	1227.4	-0.013007748	0.000188	0.019744	0.022554	0.026874	0.031897
2005-3-21	1231.04	0.00296123	0.000189	0.019797	0.022614	0.026946	0.031981
2005-3-22	1206.92	-0.019787681	0.000178	0.019212	0.021946	0.02615	0.031037
2005-3-23	1201.64	-0.004384369	0.000194	0.020057	0.022911	0.0273	0.032402
2005-3-24	1208.19	0.005436081	0.000184	0.019533	0.022313	0.026587	0.031555
2005-3-25	1205.63	-0.00212112	0.000174	0.018995	0.021698	0.025854	0.030686
2005-3-28	1200.11	-0.004589033	0.000164	0.018441	0.021065	0.0251	0.029791
2005-3-29	1195.01	-0.004258666	0.000156	0.017986	0.020545	0.02448	0.029055
2005-3-30	1172.57	-0.018956633	0.000148	0.017518	0.020011	0.023844	0.028301
2005-3-31	1181.23	0.007358347	0.000165	0.018497	0.021129	0.025177	0.029882
2005-4-1	1223.56	0.035208374	0.000159	0.018158	0.020741	0.024715	0.029334
2005-4-4	1202.96	-0.016979456	0.000235	0.022075	0.025216	0.030046	0.035662
2005-4-5	1191.74	-0.009370762	0.00024	0.022308	0.025483	0.030364	0.036039
2005-4-6	1214.86	0.01921442	0.00023	0.021839	0.024946	0.029725	0.03528
2005-4-7	1225.48	0.00870376	0.000241	0.022355	0.025536	0.030427	0.036114
2005-4-8	1248.52	0.018626246	0.00023	0.021839	0.024946	0.029725	0.03528
2005-4-11	1240.97	-0.006065518	0.000239	0.022262	0.02543	0.030301	0.035964
2005-4-12	1219.51	-0.017444193	0.000226	0.021648	0.024728	0.029465	0.034972
2005-4-13	1248.2	0.023253375	0.000233	0.021981	0.025108	0.029918	0.035509
2005-4-14	1234.33	-0.011174201	0.000255	0.022995	0.026267	0.031299	0.037148
2005-4-15	1216.96	-0.014172367	0.000247	0.022631	0.025852	0.030804	0.036561
2005-4-18	1197.73	-0.015927847	0.000245	0.02254	0.025747	0.030679	0.036412
2005-4-19	1199.9	0.001810121	0.000246	0.022586	0.025799	0.030741	0.036487
2005-4-20	1184.19	-0.013179223	0.00023	0.021839	0.024946	0.029725	0.03528
2005-4-21	1172.55	-0.009878132	0.000228	0.021744	0.024837	0.029595	0.035126
2005-4-22	1169.18	-0.002878216	0.00022	0.021359	0.024398	0.029071	0.034505
2005-4-25	1157.97	-0.009634176	0.000206	0.020668	0.023609	0.028131	0.033389
2005-4-26	1165.33	0.006335837	0.0002	0.020365	0.023262	0.027719	0.032899
2005-4-27	1148.75	-0.014329914	0.00019	0.019849	0.022673	0.027017	0.032066
2005-4-28	1169.11	0.017568381	0.000193	0.020005	0.022852	0.027229	0.032318
2005-4-29	1159.14	-0.008564425	0.000202	0.020466	0.023378	0.027857	0.033063
2005-5-9	1130.83	-0.024726474	0.000194	0.020057	0.022911	0.0273	0.032402
2005-5-10	1135.56	0.004174045	0.000225	0.0216	0.024674	0.0294	0.034895
2005-5-11	1124.27	-0.009991985	0.000212	0.020967	0.02395	0.028538	0.033871
2005-5-12	1103.99	-0.018203046	0.000205	0.020618	0.023551	0.028063	0.033308
2005-5-13	1107.62	0.003282679	0.000216	0.021164	0.024175	0.028806	0.034189
2005-5-16	1095.46	-0.011039203	0.000203	0.020517	0.023436	0.027926	0.033145
2005-5-17	1099.64	0.003808487	0.000198	0.020263	0.023146	0.02758	0.032734
2005-5-18	1102.96	0.003014621	0.000187	0.019692	0.022494	0.026803	0.031812
2005-5-19	1103.47	0.000462285	0.000176	0.019104	0.021822	0.026002	0.030862
2005-5-20	1099.26	-0.003822534	0.000165	0.018497	0.021129	0.025177	0.029882
2005-5-23	1070.84	-0.026193839	0.000157	0.018043	0.020611	0.024559	0.029148
2005-5-24	1073.84	0.002797622	0.000196	0.02016	0.023029	0.02744	0.032568
2005-5-25	1072.13	-0.001593685	0.000184	0.019533	0.022313	0.026587	0.031555
2005-5-26	1058.86	-0.012454466	0.000173	0.01894	0.021635	0.02578	0.030598

2005-5-27	1051.94	-0.006556779	0.000173	0.01894	0.021635	0.02578	0.030598
2005-5-30	1060.16	0.007783762	0.000166	0.018553	0.021193	0.025253	0.029972
2005-5-31	1060.73	0.00053751	0.00016	0.018215	0.020807	0.024792	0.029426
2005-6-1	1039.18	-0.02052541	0.000151	0.017695	0.020213	0.024085	0.028586
2005-6-2	1016.06	-0.022499538	0.000172	0.018885	0.021573	0.025705	0.030509
2005-6-3	1013.63	-0.002394455	0.000197	0.020211	0.023087	0.02751	0.032651
2005-6-6	1034.37	0.020254599	0.000185	0.019586	0.022373	0.026659	0.031641
2005-6-7	1030.94	-0.003321538	0.000202	0.020466	0.023378	0.027857	0.033063
2005-6-8	1115.58	0.078903442	0.00019	0.019849	0.022673	0.027017	0.032066
2005-6-9	1131.05	0.013771956	0.000608	0.035507	0.040559	0.048329	0.057361
2005-6-10	1108.28	-0.020337141	0.000576	0.03456	0.039478	0.04704	0.055831
2005-6-13	1106.29	-0.001797189	0.000563	0.034168	0.03903	0.046506	0.055198
2005-6-14	1093.46	-0.011665094	0.000521	0.032869	0.037546	0.044738	0.053099
2005-6-15	1072.83	-0.019046964	0.000493	0.031973	0.036523	0.043519	0.051652
2005-6-16	1086.01	0.012210413	0.000483	0.031647	0.03615	0.043075	0.051126
2005-6-17	1085.61	-0.000368389	0.000458	0.030817	0.035202	0.041946	0.049785
2005-6-20	1115.62	0.027268263	0.000425	0.029686	0.03391	0.040406	0.047958
2005-6-21	1101.48	-0.012755574	0.000446	0.030411	0.034738	0.041393	0.049128
2005-6-22	1102.03	0.000499204	0.000425	0.029686	0.03391	0.040406	0.047958
2005-6-23	1093.7	-0.00758749	0.000395	0.028619	0.032692	0.038954	0.046234
2005-6-24	1101.88	0.007451369	0.000371	0.027736	0.031683	0.037752	0.044808
2005-6-27	1124.64	0.020445173	0.000348	0.026863	0.030685	0.036563	0.043397
2005-6-28	1108.58	-0.014383067	0.000353	0.027055	0.030905	0.036825	0.043707
2005-6-29	1104.99	-0.003243632	0.000343	0.026669	0.030464	0.0363	0.043084
2005-6-30	1080.93	-0.022014503	0.00032	0.02576	0.029425	0.035062	0.041614
2005-7-1	1055.59	-0.023721929	0.000331	0.026199	0.029926	0.035659	0.042323
2005-7-4	1047.27	-0.007913074	0.000348	0.026863	0.030685	0.036563	0.043397
2005-7-5	1039.04	-0.007889568	0.000328	0.02608	0.02979	0.035497	0.042131
2005-7-6	1033.54	-0.005307407	0.00031	0.025354	0.028961	0.034509	0.040959
2005-7-7	1038.59	0.004874221	0.000291	0.024565	0.02806	0.033435	0.039684
2005-7-8	1017.98	-0.020043752	0.000272	0.023749	0.027128	0.032325	0.038366
2005-7-11	1011.49	-0.00639578	0.000282	0.024182	0.027623	0.032914	0.039065
2005-7-12	1046.16	0.033701826	0.000266	0.023486	0.026828	0.031967	0.037941
2005-7-13	1037.39	-0.008418374	0.000326	0.026	0.029699	0.035389	0.042002
2005-7-14	1040.41	0.002906923	0.000309	0.025313	0.028915	0.034454	0.040893
2005-7-15	1026.11	-0.013839913	0.000288	0.024438	0.027915	0.033262	0.039479
2005-7-18	1012.09	-0.013757454	0.000282	0.024182	0.027623	0.032914	0.039065
2005-7-19	1014.35	0.002230514	0.000276	0.023923	0.027327	0.032562	0.038647
2005-7-20	1021.05	0.006583496	0.000258	0.02313	0.026421	0.031482	0.037366
2005-7-21	1020.63	-0.000411426	0.000244	0.022494	0.025694	0.030616	0.036338
2005-7-22	1046.32	0.024859163	0.000228	0.021744	0.024837	0.029595	0.035126
2005-7-25	1045.4	-0.000879659	0.000256	0.02304	0.026318	0.03136	0.037221
2005-7-26	1072.8	0.025872466	0.000239	0.022262	0.02543	0.030301	0.035964
2005-7-27	1089.9	0.015813896	0.000269	0.023618	0.026978	0.032146	0.038154
2005-7-28	1086.54	-0.003087613	0.000268	0.023574	0.026928	0.032087	0.038083
2005-7-29	1083.03	-0.003235667	0.000251	0.022814	0.02606	0.031052	0.036856
2005-8-1	1088.94	0.005442078	0.000235	0.022075	0.025216	0.030046	0.035662
2005-8-2	1104.03	0.013762375	0.000222	0.021456	0.024508	0.029203	0.034661
2005-8-3	1107.69	0.003309644	0.000221	0.021407	0.024453	0.029137	0.034583
2005-8-4	1102.58	-0.004623878	0.000207	0.020718	0.023666	0.028199	0.03347
2005-8-5	1128.74	0.023449078	0.000196	0.02016	0.023029	0.02744	0.032568

2005-8-8	1138.88	0.008943357	0.000221	0.021407	0.024453	0.029137	0.034583
2005-8-9	1152.53	0.011914203	0.000212	0.020967	0.02395	0.028538	0.033871
2005-8-10	1165.03	0.010787312	0.000209	0.020818	0.02378	0.028335	0.033631
2005-8-11	1183.57	0.015788457	0.000203	0.020517	0.023436	0.027926	0.033145
2005-8-12	1167.91	-0.013319468	0.000207	0.020718	0.023666	0.028199	0.03347
2005-8-15	1187	0.016213289	0.000207	0.020718	0.023666	0.028199	0.03347
2005-8-16	1177.27	-0.008230917	0.000212	0.020967	0.02395	0.028538	0.033871
2005-8-17	1192.83	0.013130436	0.000203	0.020517	0.023436	0.027926	0.033145
2005-8-18	1148.03	-0.038281205	0.000202	0.020466	0.023378	0.027857	0.033063
2005-8-19	1150.18	0.001871022	0.000291	0.024565	0.02806	0.033435	0.039684
2005-8-22	1158.59	0.007285297	0.000272	0.023749	0.027128	0.032325	0.038366
2005-8-23	1149.95	-0.007485285	0.000257	0.023085	0.02637	0.031421	0.037293
2005-8-24	1167.13	0.014829281	0.000244	0.022494	0.025694	0.030616	0.036338
2005-8-25	1172.47	0.004564891	0.000243	0.022447	0.025641	0.030553	0.036263
2005-8-26	1171.86	-0.000520405	0.000229	0.021791	0.024892	0.02966	0.035203
2005-8-29	1154.42	-0.014994177	0.000214	0.021065	0.024063	0.028672	0.034031
2005-8-30	1146.38	-0.006988902	0.000216	0.021164	0.024175	0.028806	0.034189
2005-8-31	1162.79	0.014213138	0.000206	0.020668	0.023609	0.028131	0.033389
2005-9-1	1184.93	0.018861411	0.000206	0.020668	0.023609	0.028131	0.033389
2005-9-2	1188.84	0.003294341	0.000218	0.021261	0.024287	0.028939	0.034347
2005-9-5	1196.22	0.006188543	0.000205	0.020618	0.023551	0.028063	0.033308
2005-9-6	1173.32	-0.019329248	0.000194	0.020057	0.022911	0.0273	0.032402
2005-9-7	1194.3	0.017722902	0.000208	0.020768	0.023723	0.028268	0.03355
2005-9-8	1194.41	9.20999E-05	0.000217	0.021213	0.024231	0.028873	0.034269
2005-9-9	1189.62	-0.004018411	0.000203	0.020517	0.023436	0.027926	0.033145
2005-9-12	1188.21	-0.001185955	0.000191	0.019901	0.022733	0.027088	0.03215
2005-9-13	1207.16	0.01582252	0.00018	0.01932	0.022069	0.026296	0.031211
2005-9-14	1217.26	0.008331938	0.000186	0.019639	0.022433	0.026731	0.031727
2005-9-15	1217.28	1.64302E-05	0.000179	0.019266	0.022007	0.026223	0.031124
2005-9-16	1212.94	-0.003571697	0.000168	0.018665	0.02132	0.025405	0.030152
2005-9-19	1220.62	0.006311762	0.000159	0.018158	0.020741	0.024715	0.029334
2005-9-20	1212.61	-0.006583865	0.000153	0.017812	0.020346	0.024244	0.028775
2005-9-21	1187.98	-0.020520676	0.000147	0.017459	0.019943	0.023764	0.028205
2005-9-22	1159.96	-0.023868864	0.000168	0.018665	0.02132	0.025405	0.030152
2005-9-23	1151.98	-0.006903321	0.000198	0.020263	0.023146	0.02758	0.032734
2005-9-26	1155.04	0.002652774	0.000189	0.019797	0.022614	0.026946	0.031981
2005-9-27	1133.23	-0.019063013	0.000178	0.019212	0.021946	0.02615	0.031037
2005-9-28	1131.77	-0.001289183	0.000192	0.019953	0.022792	0.027159	0.032234
2005-9-29	1155.48	0.020733063	0.000181	0.019373	0.02213	0.026369	0.031297
2005-9-30	1155.61	0.000112501	0.000199	0.020314	0.023204	0.027649	0.032817
2005-10-10	1138.95	-0.014521558	0.000187	0.019692	0.022494	0.026803	0.031812
2005-10-11	1157.19	0.015887867	0.00019	0.019849	0.022673	0.027017	0.032066
2005-10-12	1161.85	0.00401891	0.000196	0.02016	0.023029	0.02744	0.032568
2005-10-13	1152.6	-0.007993302	0.000184	0.019533	0.022313	0.026587	0.031555
2005-10-14	1139.54	-0.011395588	0.000178	0.019212	0.021946	0.02615	0.031037
2005-10-17	1131.37	-0.007195384	0.000176	0.019104	0.021822	0.026002	0.030862
2005-10-18	1141.2	0.008651053	0.000169	0.01872	0.021384	0.02548	0.030242
2005-10-19	1134.6	-0.005800174	0.000164	0.018441	0.021065	0.0251	0.029791
2005-10-20	1135.94	0.001180336	0.000157	0.018043	0.020611	0.024559	0.029148
2005-10-21	1141.31	0.004716223	0.000148	0.017518	0.020011	0.023844	0.028301
2005-10-24	1141.17	-0.000122674	0.000141	0.017099	0.019532	0.023274	0.027623



2005-10-25	1121.91	-0.017021462	0.000133	0.016607	0.01897	0.022604	0.026828
2005-10-26	1097.16	-0.022307567	0.000146	0.0174	0.019875	0.023683	0.028109
2005-10-27	1097.78	0.000564936	0.000173	0.01894	0.021635	0.02578	0.030598
2005-10-28	1080.86	-0.015532938	0.000162	0.018328	0.020936	0.024947	0.029609
2005-10-31	1092.81	0.01099534	0.00017	0.018775	0.021447	0.025555	0.030331
2005-11-1	1089.95	-0.002620537	0.000168	0.018665	0.02132	0.025405	0.030152
2005-11-2	1104.79	0.013523448	0.000158	0.018101	0.020676	0.024637	0.029241
2005-11-3	1095.27	-0.008654363	0.000162	0.018328	0.020936	0.024947	0.029609
2005-11-4	1100.04	0.004345635	0.000158	0.018101	0.020676	0.024637	0.029241
2005-11-7	1100.65	0.000554372	0.00015	0.017636	0.020146	0.024005	0.028491
2005-11-8	1110.14	0.008585219	0.000141	0.017099	0.019532	0.023274	0.027623
2005-11-9	1108.15	-0.001794175	0.000138	0.016916	0.019323	0.023025	0.027328
2005-11-10	1088.3	-0.018075113	0.000131	0.016482	0.018827	0.022433	0.026626
2005-11-11	1090.19	0.001735147	0.000147	0.017459	0.019943	0.023764	0.028205
2005-11-14	1088.65	-0.001413596	0.000139	0.016977	0.019393	0.023108	0.027427
2005-11-15	1087.5	-0.001056913	0.000131	0.016482	0.018827	0.022433	0.026626
2005-11-16	1095.89	0.007685335	0.000124	0.016035	0.018317	0.021826	0.025905
2005-11-17	1095.31	-0.00052939	0.000122	0.015905	0.018169	0.021649	0.025695
2005-11-18	1116.99	0.019600139	0.000115	0.015442	0.01764	0.021019	0.024947
2005-11-21	1119.93	0.002628616	0.000136	0.016793	0.019183	0.022857	0.027129
2005-11-22	1098.65	-0.01918403	0.000129	0.016355	0.018682	0.022261	0.026422
2005-11-23	1105.74	0.006432641	0.000148	0.017518	0.020011	0.023844	0.028301
2005-11-24	1113.37	0.006876658	0.000142	0.01716	0.019601	0.023356	0.027721
2005-11-25	1114.91	0.001382232	0.000137	0.016855	0.019253	0.022941	0.027229
2005-11-28	1110.82	-0.003675203	0.00013	0.016419	0.018755	0.022347	0.026524
2005-11-29	1096.98	-0.012537532	0.000124	0.016035	0.018317	0.021826	0.025905
2005-11-30	1099.26	0.002076277	0.000129	0.016355	0.018682	0.022261	0.026422
2005-12-1	1098.74	-0.000473157	0.000122	0.015905	0.018169	0.021649	0.025695
2005-12-2	1094.28	-0.004067456	0.000116	0.015509	0.017716	0.02111	0.025055
2005-12-5	1079.19	-0.013885853	0.000111	0.015171	0.01733	0.02065	0.024509
2005-12-6	1087.79	0.007937355	0.000119	0.015709	0.017944	0.021381	0.025377
2005-12-7	1099.61	0.010807456	0.000117	0.015576	0.017792	0.021201	0.025163
2005-12-8	1098.32	-0.001173832	0.000119	0.015709	0.017944	0.021381	0.025377
2005-12-9	1113.47	0.013699526	0.000113	0.015307	0.017486	0.020835	0.024729
2005-12-12	1116.36	0.002592127	0.000121	0.01584	0.018094	0.02156	0.025589
2005-12-13	1117.84	0.001324859	0.000115	0.015442	0.01764	0.021019	0.024947
2005-12-14	1125.38	0.006722505	0.000109	0.015034	0.017173	0.020463	0.024287
2005-12-15	1123.55	-0.001627441	0.000107	0.014895	0.017015	0.020274	0.024063
2005-12-16	1127.5	0.003509477	0.000102	0.014543	0.016613	0.019795	0.023494
2005-12-19	1131.75	0.003762315	9.80E-05	0.014255	0.016284	0.019403	0.023029
2005-12-20	1136.34	0.004047464	9.45E-05	0.013998	0.01599	0.019053	0.022614
2005-12-21	1130.75	-0.004931442	9.15E-05	0.013774	0.015734	0.018749	0.022252
2005-12-22	1135.23	0.003954144	8.93E-05	0.013608	0.015544	0.018522	0.021983
2005-12-23	1144.87	0.00845582	8.66E-05	0.013401	0.015307	0.01824	0.021648
2005-12-26	1156.82	0.010383768	8.79E-05	0.013501	0.015422	0.018376	0.02181
2005-12-27	1154.28	-0.002198088	9.16E-05	0.013782	0.015743	0.018759	0.022265
2005-12-28	1157.03	0.002379604	8.81E-05	0.013516	0.015439	0.018397	0.021835
2005-12-29	1169.86	0.011027707	8.48E-05	0.013261	0.015147	0.018049	0.021422
2005-12-30	1161.05	-0.007559315	8.97E-05	0.013638	0.015579	0.018563	0.022032
2006-1-4	1180.96	0.017002899	9.00E-05	0.013661	0.015605	0.018594	0.022069
2006-1-5	1197.26	0.013707946	0.000106	0.014826	0.016935	0.020179	0.023951

2006-1-6	1209.42	0.010105293	0.000114	0.015375	0.017563	0.020927	0.024838
2006-1-9	1215.66	0.005146233	0.000115	0.015442	0.01764	0.021019	0.024947
2006-1-10	1220.61	0.004063595	0.000111	0.015171	0.01733	0.02065	0.024509
2006-1-11	1211.05	-0.007862982	0.000107	0.014895	0.017015	0.020274	0.024063
2006-1-12	1226.7	0.012839885	0.000106	0.014826	0.016935	0.020179	0.023951
2006-1-13	1221.45	-0.004288959	0.000112	0.01524	0.017408	0.020743	0.024619
2006-1-16	1202.86	-0.015336623	0.000108	0.014965	0.017094	0.020369	0.024176
2006-1-17	1208.43	0.004619942	0.000119	0.015709	0.017944	0.021381	0.025377
2006-1-18	1233.35	0.020412048	0.000115	0.015442	0.01764	0.021019	0.024947
2006-1-19	1251.57	0.014664719	0.000137	0.016855	0.019253	0.022941	0.027229
2006-1-20	1255.3	0.002975825	0.000144	0.01728	0.019739	0.02352	0.027916
2006-1-23	1255.77	0.000374342	0.000137	0.016855	0.019253	0.022941	0.027229
2006-1-24	1252.06	-0.002958735	0.000129	0.016355	0.018682	0.022261	0.026422
2006-1-25	1258.04	0.004764759	0.000123	0.01597	0.018243	0.021737	0.0258
2006-2-6	1287.62	0.023240599	0.000118	0.015642	0.017868	0.021291	0.02527
2006-2-7	1282.09	-0.004303994	0.000149	0.017577	0.020079	0.023925	0.028396
2006-2-8	1290.05	0.006189418	0.000142	0.01716	0.019601	0.023356	0.027721
2006-2-9	1269.45	-0.016097242	0.000137	0.016855	0.019253	0.022941	0.027229
2006-2-10	1282.65	0.010344514	0.000147	0.017459	0.019943	0.023764	0.028205
2006-2-13	1279.64	-0.002349462	0.000146	0.0174	0.019875	0.023683	0.028109
2006-2-14	1286.32	0.00520664	0.000139	0.016977	0.019393	0.023108	0.027427
2006-2-15	1299.16	0.009932473	0.000133	0.016607	0.01897	0.022604	0.026828
2006-2-16	1270.63	-0.022205061	0.000132	0.016544	0.018898	0.022519	0.026727
2006-2-17	1267.4	-0.002545283	0.00016	0.018215	0.020807	0.024792	0.029426
2006-2-20	1267.54	0.000110456	0.000151	0.017695	0.020213	0.024085	0.028586
2006-2-21	1288.41	0.016330886	0.000142	0.01716	0.019601	0.023356	0.027721
2006-2-22	1284.22	-0.00325737	0.000152	0.017754	0.02028	0.024165	0.028681
2006-2-23	1288.84	0.003591059	0.000144	0.01728	0.019739	0.02352	0.027916
2006-2-24	1296.86	0.006203369	0.000137	0.016855	0.019253	0.022941	0.027229
2006-2-27	1297.18	0.000246719	0.000132	0.016544	0.018898	0.022519	0.026727
2006-2-28	1299.03	0.001425155	0.000125	0.0161	0.018391	0.021913	0.026009
2006-3-1	1306.58	0.005795204	0.000119	0.015709	0.017944	0.021381	0.025377
2006-3-2	1285.66	-0.016140831	0.000115	0.015442	0.01764	0.021019	0.024947
2006-3-3	1293.29	0.005917154	0.000127	0.016228	0.018537	0.022088	0.026216
2006-3-6	1288.95	-0.003361426	0.000123	0.01597	0.018243	0.021737	0.0258
2006-3-7	1259.91	-0.022787644	0.000117	0.015576	0.017792	0.021201	0.025163
2006-3-8	1250.38	-0.007592785	0.000148	0.017518	0.020011	0.023844	0.028301
2006-3-9	1245.16	-0.004183469	0.000143	0.01722	0.01967	0.023438	0.027819
2006-3-10	1245.65	0.000393446	0.000137	0.016855	0.019253	0.022941	0.027229
2006-3-13	1259.67	0.0111923	0.000129	0.016355	0.018682	0.022261	0.026422
2006-3-14	1259.04	-0.000500256	0.000131	0.016482	0.018827	0.022433	0.026626
2006-3-15	1274.81	0.012447622	0.000124	0.016035	0.018317	0.021826	0.025905
2006-3-16	1274.19	-0.000486465	0.000128	0.016292	0.01861	0.022175	0.026319
2006-3-17	1269.46	-0.003719069	0.000121	0.01584	0.018094	0.02156	0.025589
2006-3-20	1288.41	0.014817287	0.000116	0.015509	0.017716	0.02111	0.025055
2006-3-21	1290.39	0.001535598	0.000125	0.0161	0.018391	0.021913	0.026009
2006-3-22	1296.7	0.004878077	0.000119	0.015709	0.017944	0.021381	0.025377
2006-3-23	1302.45	0.004424531	0.000114	0.015375	0.017563	0.020927	0.024838
2006-3-24	1294.7	-0.005968098	0.00011	0.015103	0.017252	0.020557	0.024398
2006-3-27	1295.91	0.000934143	0.000107	0.014895	0.017015	0.020274	0.024063
2006-3-28	1298.79	0.002219911	0.000102	0.014543	0.016613	0.019795	0.023494

2006-3-29	1305.56	0.005199006	9.75E-05	0.014219	0.016242	0.019353	0.02297
2006-3-30	1294.71	-0.008345336	9.49E-05	0.014028	0.016024	0.019094	0.022662
2006-3-31	1298.29	0.002761282	9.57E-05	0.014087	0.016091	0.019174	0.022757
2006-4-3	1319.47	0.016182127	9.19E-05	0.013804	0.015769	0.018789	0.022301
2006-4-4	1329.79	0.007790894	0.000106	0.014826	0.016935	0.020179	0.023951
2006-4-5	1340.16	0.007767975	0.000105	0.014756	0.016855	0.020084	0.023837
2006-4-6	1339.73	-0.000320909	0.000104	0.014685	0.016775	0.019988	0.023724
2006-4-7	1342.96	0.002408032	9.91E-05	0.014335	0.016375	0.019512	0.023158
2006-4-10	1359.08	0.011931867	9.50E-05	0.014035	0.016033	0.019104	0.022674
2006-4-11	1362.22	0.002307722	0.000101	0.014472	0.016531	0.019698	0.023379
2006-4-12	1360.13	-0.001535438	9.62E-05	0.014124	0.016133	0.019224	0.022817
2006-4-13	1332.33	-0.020650994	9.21E-05	0.013819	0.015786	0.01881	0.022325
2006-4-14	1359.53	0.020209763	0.000118	0.015642	0.017868	0.021291	0.02527
2006-4-17	1378.61	0.013936693	0.00014	0.017038	0.019463	0.023191	0.027525
2006-4-18	1385.11	0.004703814	0.000145	0.01734	0.019807	0.023602	0.028012
2006-4-19	1396.7	0.008332752	0.000139	0.016977	0.019393	0.023108	0.027427
2006-4-20	1385.9	-0.007762563	0.000136	0.016793	0.019183	0.022857	0.027129
2006-4-21	1416.79	0.022044001	0.000133	0.016607	0.01897	0.022604	0.026828
2006-4-24	1409.78	-0.004960085	0.000159	0.018158	0.020741	0.024715	0.029334
2006-4-25	1399.76	-0.00713287	0.000151	0.017695	0.020213	0.024085	0.028586
2006-4-26	1417.47	0.012572799	0.000146	0.0174	0.019875	0.023683	0.028109
2006-4-27	1416.73	-0.000522193	0.000149	0.017577	0.020079	0.023925	0.028396
2006-4-28	1440.22	0.016444481	0.00014	0.017038	0.019463	0.023191	0.027525
2006-5-8	1497.1	0.038734024	0.000151	0.017695	0.020213	0.024085	0.028586
2006-5-9	1531.16	0.022495715	0.000246	0.022586	0.025799	0.030741	0.036487
2006-5-10	1545.68	0.009438325	0.000264	0.023397	0.026726	0.031846	0.037798
2006-5-11	1537.37	-0.005390779	0.000253	0.022905	0.026164	0.031176	0.037002
2006-5-12	1602.83	0.041697653	0.000238	0.022215	0.025376	0.030237	0.035888
2006-5-15	1664.08	0.037501601	0.000342	0.02663	0.03042	0.036247	0.043021
2006-5-16	1613.25	-0.03102164	0.000415	0.029335	0.033509	0.039928	0.04739
2006-5-17	1625.14	0.007343188	0.000453	0.030649	0.03501	0.041716	0.049512
2006-5-18	1617.28	-0.00484824	0.000424	0.029651	0.033871	0.040359	0.047901
2006-5-19	1659.54	0.02579473	0.000395	0.028619	0.032692	0.038954	0.046234
2006-5-22	1657.68	-0.001121421	0.000413	0.029264	0.033428	0.039832	0.047276
2006-5-23	1604.55	-0.032575691	0.000384	0.028218	0.032233	0.038408	0.045586
2006-5-24	1590.92	-0.008530878	0.00043	0.02986	0.034109	0.040643	0.048239
2006-5-25	1591.42	0.000314234	0.000405	0.028979	0.033103	0.039444	0.046816
2006-5-26	1613.89	0.014020714	0.000376	0.027923	0.031896	0.038006	0.045109
2006-5-29	1648.53	0.021236568	0.000363	0.027436	0.03134	0.037343	0.044322
2006-5-30	1657.28	0.005293723	0.000368	0.027624	0.031555	0.037599	0.044626
2006-5-31	1641.3	-0.009689093	0.000344	0.026708	0.030508	0.036353	0.043146
2006-6-1	1684.2	0.025802063	0.000327	0.02604	0.029745	0.035443	0.042067
2006-6-2	1669.39	-0.008832383	0.00035	0.02694	0.030773	0.036668	0.043521
2006-6-5	1684.62	0.009081729	0.000331	0.026199	0.029926	0.035659	0.042323
2006-6-6	1679.12	-0.003270172	0.000314	0.025517	0.029148	0.034731	0.041222
2006-6-7	1589.54	-0.05482518	0.000293	0.024649	0.028156	0.03355	0.03982
2006-6-8	1591.49	0.001226018	0.000482	0.031614	0.036113	0.043031	0.051073
2006-6-9	1551.38	-0.025525827	0.000447	0.030445	0.034777	0.041439	0.049184
2006-6-12	1552.79	0.000908455	0.00046	0.030885	0.035279	0.042037	0.049894
2006-6-13	1548.49	-0.00277305	0.000427	0.029756	0.03399	0.040501	0.048071
2006-6-14	1531.32	-0.011150154	0.000397	0.028692	0.032774	0.039053	0.046351

2006-6-15	1533.98	0.001735556	0.000378	0.027997	0.031981	0.038107	0.045228
2006-6-16	1574.46	0.026046691	0.000351	0.026978	0.030817	0.036721	0.043583
2006-6-19	1586.28	0.007479296	0.000373	0.027811	0.031768	0.037854	0.044928
2006-6-20	1592.33	0.0038067	0.000351	0.026978	0.030817	0.036721	0.043583
2006-6-21	1598.11	0.003623329	0.000327	0.02604	0.029745	0.035443	0.042067
2006-6-22	1596.06	-0.001283589	0.000306	0.02519	0.028774	0.034286	0.040694
2006-6-23	1605.71	0.006027934	0.000285	0.02431	0.027769	0.033089	0.039272
2006-6-26	1633.44	0.017122194	0.000268	0.023574	0.026928	0.032087	0.038083
2006-6-27	1639.55	0.003733594	0.00027	0.023662	0.027028	0.032206	0.038225
2006-6-28	1639.28	-0.000164693	0.000253	0.022905	0.026164	0.031176	0.037002
2006-6-29	1671.61	0.019530113	0.000236	0.022122	0.025269	0.03011	0.035737
2006-6-30	1672.21	0.000358871	0.000247	0.022631	0.025852	0.030804	0.036561
2006-7-3	1697.28	0.014880865	0.000231	0.021886	0.025	0.029789	0.035357
2006-7-4	1681.54	-0.009316929	0.000231	0.021886	0.025	0.029789	0.035357
2006-7-5	1718.55	0.021770872	0.000222	0.021456	0.024508	0.029203	0.034661
2006-7-6	1741.47	0.013248672	0.00024	0.022308	0.025483	0.030364	0.036039
2006-7-7	1730.19	-0.006498355	0.000237	0.022169	0.025323	0.030174	0.035813
2006-7-10	1734.32	0.002384177	0.000224	0.021552	0.024619	0.029335	0.034817
2006-7-11	1745.8	0.006597498	0.00021	0.020868	0.023837	0.028403	0.033711
2006-7-12	1740	-0.00332779	0.0002	0.020365	0.023262	0.027719	0.032899
2006-7-13	1655.77	-0.049618956	0.000188	0.019744	0.022554	0.026874	0.031897
2006-7-14	1665.2	0.005679079	0.000348	0.026863	0.030685	0.036563	0.043397
2006-7-17	1682.88	0.010561375	0.000325	0.02596	0.029654	0.035334	0.041938
2006-7-18	1684.25	0.000813749	0.000311	0.025395	0.029008	0.034565	0.041025
2006-7-19	1645.16	-0.023482717	0.000289	0.02448	0.027963	0.03332	0.039547
2006-7-20	1655.12	0.00603587	0.000308	0.025272	0.028868	0.034398	0.040826
2006-7-21	1665.32	0.006143783	0.00029	0.024522	0.028012	0.033378	0.039615
2006-7-24	1665.94	0.000372232	0.000272	0.023749	0.027128	0.032325	0.038366
2006-7-25	1685.46	0.011648995	0.000254	0.02295	0.026215	0.031237	0.037075
2006-7-26	1686.65	0.00070579	0.000247	0.022631	0.025852	0.030804	0.036561
2006-7-27	1675.16	-0.00683563	0.00023	0.021839	0.024946	0.029725	0.03528
2006-7-28	1662.03	-0.007868936	0.000219	0.02131	0.024342	0.029005	0.034426
2006-7-31	1612.73	-0.030111352	0.000209	0.020818	0.02378	0.028335	0.033631
2006-8-1	1600.61	-0.007543589	0.000259	0.023175	0.026472	0.031543	0.037438
2006-8-2	1600.87	0.000162425	0.000246	0.022586	0.025799	0.030741	0.036487
2006-8-3	1601.05	0.000112433	0.00023	0.021839	0.024946	0.029725	0.03528
2006-8-4	1570.15	-0.019488508	0.000215	0.021115	0.024119	0.028739	0.03411
2006-8-7	1547.43	-0.014575666	0.000228	0.021744	0.024837	0.029595	0.035126
2006-8-8	1580.57	0.021190051	0.000228	0.021744	0.024837	0.029595	0.035126
2006-8-9	1578.56	-0.001272502	0.000244	0.022494	0.025694	0.030616	0.036338
2006-8-10	1606.06	0.017270936	0.000228	0.021744	0.024837	0.029595	0.035126
2006-8-11	1605.92	-8.71736E-05	0.000234	0.022028	0.025162	0.029982	0.035586
2006-8-14	1570.73	-0.022156322	0.000219	0.02131	0.024342	0.029005	0.034426
2006-8-15	1595.65	0.015740697	0.000239	0.022262	0.02543	0.030301	0.035964
2006-8-16	1616.41	0.012926464	0.00024	0.022308	0.025483	0.030364	0.036039
2006-8-17	1603.33	-0.008124924	0.000236	0.022122	0.025269	0.03011	0.035737
2006-8-18	1598.01	-0.003323611	0.000225	0.0216	0.024674	0.0294	0.034895
2006-8-21	1601.15	0.001963016	0.000212	0.020967	0.02395	0.028538	0.033871
2006-8-22	1613.35	0.007590642	0.000198	0.020263	0.023146	0.02758	0.032734
2006-8-23	1612.39	-0.000595212	0.00019	0.019849	0.022673	0.027017	0.032066
2006-8-24	1623.01	0.0065649	0.000178	0.019212	0.021946	0.02615	0.031037

2006-8-25	1623.03	1.23227E-05	0.00017	0.018775	0.021447	0.025555	0.030331
2006-8-28	1650.43	0.016741087	0.00016	0.018215	0.020807	0.024792	0.029426
2006-8-29	1651.02	0.000357419	0.00017	0.018775	0.021447	0.025555	0.030331
2006-8-30	1655.19	0.002522527	0.00016	0.018215	0.020807	0.024792	0.029426
2006-8-31	1658.63	0.002076155	0.000151	0.017695	0.020213	0.024085	0.028586
2006-9-1	1636.69	-0.013316051	0.000143	0.01722	0.01967	0.023438	0.027819
2006-9-4	1657.52	0.0126466	0.000147	0.017459	0.019943	0.023764	0.028205
2006-9-5	1664.07	0.003943899	0.00015	0.017636	0.020146	0.024005	0.028491
2006-9-6	1672.12	0.004825874	0.000142	0.01716	0.019601	0.023356	0.027721
2006-9-7	1661.19	-0.006558069	0.000136	0.016793	0.019183	0.022857	0.027129
2006-9-8	1667.98	0.0040791	0.000131	0.016482	0.018827	0.022433	0.026626
2006-9-11	1674.96	0.004175971	0.000125	0.0161	0.018391	0.021913	0.026009
2006-9-12	1695.86	0.012400702	0.00012	0.015774	0.018019	0.021471	0.025483
2006-9-13	1689.38	-0.003828389	0.000124	0.016035	0.018317	0.021826	0.025905
2006-9-14	1689.69	0.000183482	0.000119	0.015709	0.017944	0.021381	0.025377
2006-9-15	1721.04	0.018383679	0.000113	0.015307	0.017486	0.020835	0.024729
2006-9-18	1732.98	0.006913711	0.00013	0.016419	0.018755	0.022347	0.026524
2006-9-19	1735.24	0.001303262	0.000127	0.016228	0.018537	0.022088	0.026216
2006-9-20	1732.45	-0.001609141	0.00012	0.015774	0.018019	0.021471	0.025483
2006-9-21	1740.9	0.004865629	0.000114	0.015375	0.017563	0.020927	0.024838
2006-9-22	1725.36	-0.008966497	0.00011	0.015103	0.017252	0.020557	0.024398
2006-9-25	1722.36	-0.001740281	0.00011	0.015103	0.017252	0.020557	0.024398
2006-9-26	1712.63	-0.005665243	0.000105	0.014756	0.016855	0.020084	0.023837
2006-9-27	1725.03	0.007214241	0.000102	0.014543	0.016613	0.019795	0.023494
2006-9-28	1736.96	0.006892017	0.000101	0.014472	0.016531	0.019698	0.023379
2006-9-29	1752.42	0.008861231	9.97E-05	0.014378	0.016424	0.019571	0.023228
2006-10-9	1785.38	0.018633588	0.0001	0.0144	0.016449	0.0196	0.023263
2006-10-10	1784.86	-0.000291297	0.00012	0.015774	0.018019	0.021471	0.025483
2006-10-11	1790.1	0.002931503	0.000113	0.015307	0.017486	0.020835	0.024729
2006-10-12	1778.18	-0.006681115	0.000108	0.014965	0.017094	0.020369	0.024176
2006-10-13	1784.65	0.003631948	0.000106	0.014826	0.016935	0.020179	0.023951
2006-10-16	1771.29	-0.007514223	0.000102	0.014543	0.016613	0.019795	0.023494
2006-10-17	1763.9	-0.004180828	0.000101	0.014472	0.016531	0.019698	0.023379
2006-10-18	1787.18	0.013111692	9.80E-05	0.014255	0.016284	0.019403	0.023029
2006-10-19	1792.25	0.002832855	0.000105	0.014756	0.016855	0.020084	0.023837
2006-10-20	1790.36	-0.001055097	0.000101	0.014472	0.016531	0.019698	0.023379
2006-10-23	1759.39	-0.017449559	9.62E-05	0.014124	0.016133	0.019224	0.022817
2006-10-24	1805.18	0.025693152	0.000113	0.015307	0.017486	0.020835	0.024729
2006-10-25	1806.65	0.000813992	0.000153	0.017812	0.020346	0.024244	0.028775
2006-10-26	1810.64	0.002206072	0.000144	0.01728	0.019739	0.02352	0.027916
2006-10-27	1807.17	-0.001918288	0.000136	0.016793	0.019183	0.022857	0.027129
2006-10-30	1809.65	0.001371371	0.000129	0.016355	0.018682	0.022261	0.026422
2006-10-31	1837.99	0.015539127	0.000122	0.015905	0.018169	0.021649	0.025695
2006-11-1	1855.71	0.009594789	0.000133	0.016607	0.01897	0.022604	0.026828
2006-11-2	1851.31	-0.002373876	0.000132	0.016544	0.018898	0.022519	0.026727
2006-11-3	1866.36	0.008096513	0.000125	0.0161	0.018391	0.021913	0.026009
2006-11-6	1886.3	0.010627229	0.000123	0.01597	0.018243	0.021737	0.0258
2006-11-7	1889.53	0.001710883	0.000124	0.016035	0.018317	0.021826	0.025905
2006-11-8	1866.81	-0.012097029	0.000118	0.015642	0.017868	0.021291	0.02527
2006-11-9	1896.48	0.015768445	0.000122	0.015905	0.018169	0.021649	0.025695
2006-11-10	1883.34	-0.00695274	0.000133	0.016607	0.01897	0.022604	0.026828

2006-11-13	1863.76	-0.010450844	0.000129	0.016355	0.018682	0.022261	0.026422
2006-11-14	1888.23	0.01304393	0.00013	0.016419	0.018755	0.022347	0.026524
2006-11-15	1922.93	0.018210182	0.000135	0.016731	0.019112	0.022773	0.027029
2006-11-16	1941.54	0.009631408	0.00015	0.017636	0.020146	0.024005	0.028491
2006-11-17	1971.79	0.015460287	0.000148	0.017518	0.020011	0.023844	0.028301
2006-11-20	2017.27	0.022803353	0.000156	0.017986	0.020545	0.02448	0.029055
2006-11-21	2037.55	0.010002994	0.000182	0.019427	0.022191	0.026442	0.031384
2006-11-22	2041.35	0.001863248	0.000178	0.019212	0.021946	0.02615	0.031037
2006-11-23	2062.36	0.010239604	0.000167	0.018609	0.021257	0.025329	0.030062
2006-11-24	2050.81	-0.005616121	0.000165	0.018497	0.021129	0.025177	0.029882
2006-11-27	2047.27	-0.001727639	0.000157	0.018043	0.020611	0.024559	0.029148
2006-11-28	2038.72	-0.004185038	0.000148	0.017518	0.020011	0.023844	0.028301
2006-11-29	2054.09	0.007510768	0.000141	0.017099	0.019532	0.023274	0.027623
2006-11-30	2099.28	0.021761501	0.000137	0.016855	0.019253	0.022941	0.027229
2006-12-1	2102.04	0.001313873	0.000162	0.018328	0.020936	0.024947	0.029609
2006-12-4	2161.64	0.027958891	0.000153	0.017812	0.020346	0.024244	0.028775
2006-12-5	2173.28	0.005370354	0.000198	0.020263	0.023146	0.02758	0.032734
2006-12-6	2156.6	-0.00770464	0.000187	0.019692	0.022494	0.026803	0.031812
2006-12-7	2156.75	6.95515E-05	0.00018	0.01932	0.022069	0.026296	0.031211
2006-12-8	2093.63	-0.029703057	0.000169	0.01872	0.021384	0.02548	0.030242
2006-12-11	2180.49	0.040650221	0.00022	0.021359	0.024398	0.029071	0.034505
2006-12-12	2218.95	0.017484489	0.00032	0.02576	0.029425	0.035062	0.041614
2006-12-13	2223.45	0.002025933	0.000319	0.025719	0.029379	0.035007	0.041549
2006-12-14	2249.11	0.011474539	0.000297	0.024817	0.028348	0.033778	0.040091
2006-12-15	2273.9	0.010961837	0.000286	0.024353	0.027818	0.033147	0.039341
2006-12-18	2332.43	0.025414224	0.000275	0.02388	0.027278	0.032503	0.038577
2006-12-19	2364.17	0.013516366	0.000301	0.024983	0.028538	0.034005	0.04036
2006-12-20	2373.2	0.003812246	0.000293	0.024649	0.028156	0.03355	0.03982
2006-12-21	2342.93	-0.012836973	0.000274	0.023836	0.027228	0.032444	0.038507
2006-12-22	2343.66	0.000311527	0.000267	0.02353	0.026878	0.032027	0.038012
2006-12-25	2435.76	0.038545013	0.000249	0.022723	0.025956	0.030928	0.036708
2006-12-26	2479.73	0.01789086	0.000335	0.026356	0.030107	0.035874	0.042578
2006-12-27	2536.38	0.022588184	0.000334	0.026317	0.030062	0.03582	0.042515
2006-12-28	2567.59	0.012229848	0.000345	0.026747	0.030553	0.036405	0.043209
2006-12-29	2675.47	0.04115735	0.000332	0.026238	0.029972	0.035713	0.042387
2007-1-4	2715.71	0.014928363	0.000425	0.029686	0.03391	0.040406	0.047958
2007-1-5	2641.33	-0.027770851	0.00041	0.029158	0.033307	0.039687	0.047104
2007-1-8	2707.19	0.024628618	0.000435	0.030034	0.034307	0.040879	0.048519
2007-1-9	2807.8	0.036490062	0.000445	0.030377	0.034699	0.041346	0.049073
2007-1-10	2825.57	0.006308856	0.000505	0.03236	0.036965	0.044046	0.052277
2007-1-11	2770.11	-0.019823084	0.000471	0.031252	0.035698	0.042537	0.050487
2007-1-12	2668.11	-0.037516674	0.000464	0.031019	0.035432	0.04222	0.05011
2007-1-15	2794.7	0.04635441	0.000529	0.03312	0.037833	0.04508	0.053505
2007-1-16	2821.01	0.009370211	0.000638	0.036372	0.041548	0.049507	0.058759
2007-1-17	2778.9	-0.015039811	0.000597	0.035184	0.040191	0.04789	0.05684
2007-1-18	2756.98	-0.007919288	0.000569	0.034349	0.039237	0.046753	0.055491
2007-1-19	2832.2	0.026917917	0.000531	0.033183	0.037904	0.045165	0.053606
2007-1-22	2933.19	0.035036773	0.000542	0.033524	0.038295	0.045631	0.054158
2007-1-23	2949.14	0.005423034	0.000587	0.034888	0.039853	0.047487	0.056362
2007-1-24	2975.13	0.008774133	0.000546	0.033648	0.038436	0.045799	0.054358
2007-1-25	2857.36	-0.040389614	0.000511	0.032552	0.037183	0.044306	0.052587

2007-1-26	2882.55	0.008777197	0.000587	0.034888	0.039853	0.047487	0.056362
2007-1-29	2945.26	0.021521779	0.000549	0.03374	0.038541	0.045924	0.054507
2007-1-30	2930.56	-0.005003567	0.000541	0.033494	0.038259	0.045588	0.054108
2007-1-31	2786.33	-0.050468213	0.000503	0.032296	0.036891	0.043958	0.052173
2007-2-1	2785.43	-0.000323058	0.000643	0.036515	0.04171	0.049701	0.058989
2007-2-2	2673.21	-0.041122263	0.000596	0.035155	0.040157	0.04785	0.056792
2007-2-5	2612.53	-0.022960897	0.000669	0.037246	0.042545	0.050695	0.06017
2007-2-6	2675.69	0.023888191	0.000656	0.036882	0.04213	0.0502	0.059582
2007-2-7	2716.17	0.015015509	0.000647	0.036628	0.04184	0.049855	0.059172
2007-2-8	2737.73	0.00790631	0.000614	0.035682	0.040759	0.048567	0.057643
2007-2-9	2730.38	-0.002688316	0.000573	0.03447	0.039375	0.046917	0.055686
2007-2-12	2807.17	0.027736065	0.000531	0.033183	0.037904	0.045165	0.053606
2007-2-13	2831.87	0.008760412	0.000545	0.033617	0.038401	0.045757	0.054308
2007-2-14	2905.09	0.0255271	0.000511	0.032552	0.037183	0.044306	0.052587
2007-2-15	2993	0.029811858	0.000518	0.032774	0.037437	0.044609	0.052946
2007-2-16	2998.47	0.00182593	0.000541	0.033494	0.038259	0.045588	0.054108
2007-2-26	3040.6	0.013952706	0.000502	0.032264	0.036855	0.043914	0.052122
2007-2-27	2771.79	-0.092561543	0.000479	0.031516	0.036	0.042897	0.050914
2007-2-28	2881.07	0.038668432	0.001038	0.046394	0.052995	0.063147	0.074949
2007-3-1	2797.19	-0.029546411	0.001062	0.046927	0.053605	0.063873	0.07581
2007-3-2	2831.52	0.012198328	0.001042	0.046483	0.053097	0.063269	0.075093
2007-3-5	2785.3	-0.016458082	0.000973	0.044918	0.051309	0.061138	0.072564
2007-3-6	2840.17	0.019508322	0.000918	0.04363	0.049838	0.059385	0.070483
2007-3-7	2896.59	0.019670274	0.000874	0.042571	0.048629	0.057944	0.068774
2007-3-8	2928.01	0.010788828	0.000835	0.041611	0.047532	0.056637	0.067222
2007-3-9	2937.91	0.003375433	0.00078	0.040217	0.04594	0.05474	0.06497
2007-3-12	2954.91	0.005769749	0.000722	0.038693	0.044199	0.052665	0.062508
2007-3-13	2964.79	0.00333801	0.00067	0.037273	0.042577	0.050733	0.060215
2007-3-14	2906.33	-0.019915087	0.000621	0.035885	0.040991	0.048843	0.057971
2007-3-15	2951.69	0.015486771	0.000603	0.035361	0.040392	0.04813	0.057125
2007-3-16	2930.48	-0.007211656	0.000575	0.03453	0.039443	0.046999	0.055783
2007-3-19	3014.44	0.028247843	0.000536	0.033338	0.038082	0.045377	0.053858
2007-3-20	3032.19	0.005871056	0.000552	0.033832	0.038646	0.04605	0.054656
2007-3-21	3057.38	0.008273209	0.000514	0.032647	0.037292	0.044436	0.052741
2007-3-22	3071.22	0.004516537	0.000481	0.031582	0.036075	0.042986	0.05102
2007-3-23	3074.28	0.000995851	0.000447	0.030445	0.034777	0.041439	0.049184
2007-3-26	3122.81	0.01566251	0.000415	0.029335	0.033509	0.039928	0.04739
2007-3-27	3138.82	0.005113696	0.000402	0.028872	0.03298	0.039298	0.046642
2007-3-28	3173.01	0.010833731	0.000376	0.027923	0.031896	0.038006	0.045109
2007-3-29	3197.53	0.007697973	0.000357	0.027208	0.031079	0.037033	0.043954
2007-3-30	3183.98	-0.00424665	0.000336	0.026396	0.030152	0.035927	0.042642
2007-4-2	3252.59	0.021319615	0.000314	0.025517	0.029148	0.034731	0.041222
2007-4-3	3291.29	0.011827983	0.000324	0.02592	0.029608	0.03528	0.041873
2007-4-4	3291.54	7.59552E-05	0.000311	0.025395	0.029008	0.034565	0.041025
2007-4-5	3319.14	0.008350173	0.00029	0.024522	0.028012	0.033378	0.039615
2007-4-6	3323.58	0.001336802	0.000275	0.02388	0.027278	0.032503	0.038577
2007-4-9	3398.95	0.022424045	0.000256	0.02304	0.026318	0.03136	0.037221
2007-4-10	3444.29	0.013251227	0.000274	0.023836	0.027228	0.032444	0.038507
2007-4-11	3495.22	0.014678533	0.000267	0.02353	0.026878	0.032027	0.038012
2007-4-12	3531.02	0.01019046	0.000264	0.023397	0.026726	0.031846	0.037798
2007-4-13	3518.26	-0.003620232	0.000254	0.02295	0.026215	0.031237	0.037075

2007-4-16	3596.44	0.021977918	0.000238	0.022215	0.025376	0.030237	0.035888
2007-4-17	3611.87	0.004281176	0.000255	0.022995	0.026267	0.031299	0.037148
2007-4-18	3612.39	0.000143959	0.00024	0.022308	0.025483	0.030364	0.036039
2007-4-19	3449.01	-0.04628237	0.000224	0.021552	0.024619	0.029335	0.034817
2007-4-20	3584.2	0.038448064	0.000359	0.027284	0.031166	0.037137	0.044077
2007-4-23	3710.88	0.034733748	0.000435	0.030034	0.034307	0.040879	0.048519
2007-4-24	3720.53	0.002597086	0.000487	0.031778	0.0363	0.043253	0.051337
2007-4-25	3743.95	0.006275073	0.000452	0.030615	0.034971	0.04167	0.049458
2007-4-26	3783.06	0.010392002	0.000422	0.029581	0.033791	0.040264	0.047788
2007-4-27	3759.86	-0.006151483	0.000399	0.028764	0.032857	0.039151	0.046468
2007-4-30	3841.27	0.021421318	0.000374	0.027848	0.031811	0.037905	0.044989
2007-5-8	3950.01	0.027915069	0.000379	0.028034	0.032023	0.038157	0.045288
2007-5-9	4013.08	0.015840916	0.000406	0.029015	0.033144	0.039493	0.046874
2007-5-10	4049.7	0.009083778	0.000394	0.028583	0.03265	0.038905	0.046176
2007-5-11	4021.67	-0.006945565	0.000372	0.027774	0.031726	0.037803	0.044868
2007-5-14	4046.39	0.006127886	0.000349	0.026901	0.030729	0.036616	0.043459
2007-5-15	3899.17	-0.037061416	0.000327	0.02604	0.029745	0.035443	0.042067
2007-5-16	3986.04	0.022034547	0.0004	0.0288	0.032898	0.0392	0.046526
2007-5-17	4048.29	0.015496313	0.000405	0.028979	0.033103	0.039444	0.046816
2007-5-18	4030.25	-0.004466161	0.000393	0.028547	0.032609	0.038855	0.046117
2007-5-21	4072.22	0.010359897	0.000366	0.027549	0.031469	0.037497	0.044505
2007-5-22	4110.37	0.009324743	0.000348	0.026863	0.030685	0.036563	0.043397
2007-5-23	4173.7	0.015289884	0.000329	0.026119	0.029836	0.035551	0.042195
2007-5-24	4151.13	-0.005422346	0.000323	0.02588	0.029562	0.035226	0.041809
2007-5-25	4179.77	0.006875635	0.000302	0.025025	0.028585	0.034061	0.040427
2007-5-28	4272.11	0.021851629	0.000285	0.02431	0.027769	0.033089	0.039272
2007-5-29	4334.92	0.014595305	0.000298	0.024858	0.028395	0.033835	0.040158
2007-5-30	4053.08	-0.06722607	0.000293	0.024649	0.028156	0.03355	0.03982
2007-5-31	4109.65	0.013860781	0.000586	0.034859	0.039819	0.047447	0.056314
2007-6-1	4000.74	-0.026858523	0.000556	0.033955	0.038786	0.046216	0.054853
2007-6-4	3670.4	-0.086178696	0.000566	0.034259	0.039133	0.04663	0.055344
2007-6-5	3767.1	0.026004827	0.001039	0.046416	0.053021	0.063178	0.074985
2007-6-6	3776.31	0.002441868	0.001007	0.045696	0.052198	0.062197	0.073821
2007-6-7	3890.8	0.02986745	0.000931	0.043938	0.05019	0.059804	0.070981
2007-6-8	3913.13	0.005722773	0.000921	0.043701	0.049919	0.059482	0.070599
2007-6-11	3995.68	0.020876212	0.000854	0.042082	0.048069	0.057278	0.067982
2007-6-12	4072.13	0.018952427	0.000819	0.04121	0.047074	0.056092	0.066574
2007-6-13	4176.48	0.025302582	0.000782	0.040269	0.045998	0.05481	0.065053
2007-6-14	4115.2	-0.014781351	0.000767	0.03988	0.045555	0.054282	0.064426
2007-6-15	4132.86	0.004282226	0.000725	0.038773	0.04429	0.052775	0.062638
2007-6-18	4253.34	0.028734895	0.000672	0.037329	0.042641	0.050809	0.060305
2007-6-19	4269.52	0.003796852	0.000679	0.037523	0.042862	0.051073	0.060618
2007-6-20	4181.32	-0.020874423	0.000629	0.036115	0.041254	0.049157	0.058343
2007-6-21	4230.82	0.011768842	0.000613	0.035653	0.040726	0.048527	0.057596
2007-6-22	4091.44	-0.033498841	0.000577	0.03459	0.039512	0.047081	0.05588
2007-6-25	3941.08	-0.037442189	0.000613	0.035653	0.040726	0.048527	0.057596
2007-6-26	3973.37	0.008159804	0.000665	0.037134	0.042418	0.050544	0.05999
2007-6-27	4078.59	0.026136739	0.00062	0.035856	0.040958	0.048804	0.057924
2007-6-28	3914.2	-0.041140374	0.000621	0.035885	0.040991	0.048843	0.057971
2007-6-29	3820.7	-0.024177314	0.000693	0.037908	0.043302	0.051597	0.06124
2007-7-2	3836.29	0.004072102	0.000682	0.037606	0.042957	0.051186	0.060752



2007-7-3	3899.72	0.016399002	0.000632	0.036201	0.041352	0.049274	0.058482
2007-7-4	3816.16	-0.021660074	0.000604	0.03539	0.040426	0.04817	0.057172
2007-7-5	3615.87	-0.053912191	0.000592	0.035037	0.040022	0.047689	0.056601
2007-7-6	3781.35	0.044748598	0.00075	0.039436	0.045047	0.053677	0.063708
2007-7-9	3883.21	0.026581042	0.000832	0.041536	0.047446	0.056535	0.067101
2007-7-10	3853.02	-0.007804875	0.000818	0.041185	0.047045	0.056057	0.066534
2007-7-11	3865.72	0.003290695	0.000761	0.039724	0.045377	0.054069	0.064174
2007-7-12	3915.99	0.012920219	0.000704	0.038208	0.043644	0.052005	0.061724
2007-7-13	3914.4	-0.00040611	0.000663	0.037078	0.042354	0.050468	0.059899
2007-7-16	3821.92	-0.023909147	0.000614	0.035682	0.040759	0.048567	0.057643
2007-7-17	3896.19	0.019246238	0.000608	0.035507	0.040559	0.048329	0.057361
2007-7-18	3930.06	0.00865554	0.000589	0.034948	0.039921	0.047568	0.056458
2007-7-19	3912.94	-0.004365683	0.000551	0.033802	0.038611	0.046008	0.054606
2007-7-20	4058.85	0.036610673	0.000512	0.032583	0.03722	0.04435	0.052638
2007-7-23	4213.36	0.037360747	0.000567	0.034289	0.039168	0.046671	0.055393
2007-7-24	4210.33	-0.0007194	0.000621	0.035885	0.040991	0.048843	0.057971
2007-7-25	4323.97	0.026632932	0.000575	0.03453	0.039443	0.046999	0.055783
2007-7-26	4346.45	0.005185458	0.000581	0.03471	0.039649	0.047244	0.056073
2007-7-27	4345.35	-0.000253112	0.00054	0.033463	0.038224	0.045546	0.054058
2007-7-30	4440.77	0.021721477	0.000501	0.032232	0.036818	0.043871	0.05207
2007-7-31	4471.03	0.006791022	0.000497	0.032103	0.036671	0.043695	0.051861
2007-8-1	4300.56	-0.03887356	0.000464	0.031019	0.035432	0.04222	0.05011
2007-8-2	4407.73	0.024614571	0.000536	0.033338	0.038082	0.045377	0.053858
2007-8-3	4560.77	0.034131651	0.000538	0.033401	0.038153	0.045462	0.053958
2007-8-6	4628.1	0.014654948	0.000579	0.03465	0.03958	0.047162	0.055976
2007-8-7	4651.23	0.004985284	0.000551	0.033802	0.038611	0.046008	0.054606
2007-8-8	4663.16	0.002561629	0.000512	0.032583	0.03722	0.04435	0.052638
2007-8-9	4754.09	0.01931197	0.000475	0.031384	0.03585	0.042717	0.050701
2007-8-10	4749.37	-0.000993323	0.000466	0.031085	0.035509	0.042311	0.050218
2007-8-13	4820.06	0.014774398	0.000433	0.029964	0.034228	0.040785	0.048407
2007-8-14	4872.78	0.01087824	0.000417	0.029406	0.03359	0.040024	0.047504
2007-8-15	4869.88	-0.00059532	0.000395	0.028619	0.032692	0.038954	0.046234
2007-8-16	4765.44	-0.021679423	0.000367	0.027586	0.031512	0.037548	0.044565
2007-8-17	4656.57	-0.023110747	0.000374	0.027848	0.031811	0.037905	0.044989
2007-8-20	4904.85	0.051945386	0.000385	0.028255	0.032275	0.038458	0.045645
2007-8-21	4955.2	0.010213019	0.000544	0.033586	0.038365	0.045715	0.054258
2007-8-22	4980.08	0.005008425	0.000511	0.032552	0.037183	0.044306	0.052587
2007-8-23	5032.49	0.010468936	0.000476	0.031417	0.035887	0.042762	0.050754
2007-8-24	5107.67	0.01482844	0.000449	0.030513	0.034855	0.041532	0.049293
2007-8-27	5150.12	0.008276684	0.000431	0.029895	0.034149	0.040691	0.048295
2007-8-28	5194.68	0.00861501	0.000405	0.028979	0.033103	0.039444	0.046816
2007-8-29	5109.43	-0.016547173	0.000381	0.028108	0.032107	0.038258	0.045408
2007-8-30	5167.88	0.011374694	0.000374	0.027848	0.031811	0.037905	0.044989
2007-8-31	5218.83	0.009810692	0.000356	0.02717	0.031036	0.036981	0.043893
2007-9-3	5321.06	0.019399293	0.000338	0.026474	0.030241	0.036034	0.042769
2007-9-4	5294.05	-0.005088983	0.00034	0.026552	0.03033	0.036141	0.042895
2007-9-5	5310.72	0.003143871	0.000318	0.025679	0.029333	0.034952	0.041484
2007-9-6	5393.66	0.01549677	0.000297	0.024817	0.028348	0.033778	0.040091
2007-9-7	5277.18	-0.021832326	0.000293	0.024649	0.028156	0.03355	0.03982
2007-9-10	5355.28	0.014691126	0.000307	0.025231	0.028821	0.034342	0.04076
2007-9-11	5113.97	-0.04610698	0.0003	0.024942	0.028491	0.033948	0.040293

2007-9-12	5172.62	0.011403319	0.000428	0.029791	0.03403	0.040549	0.048127
2007-9-13	5273.59	0.019332015	0.000406	0.029015	0.033144	0.039493	0.046874
2007-9-14	5312.18	0.007290952	0.000403	0.028908	0.033021	0.039347	0.0467
2007-9-17	5421.39	0.020349943	0.000378	0.027997	0.031981	0.038107	0.045228
2007-9-18	5425.21	0.000704368	0.000379	0.028034	0.032023	0.038157	0.045288
2007-9-19	5395.27	-0.005533965	0.000353	0.027055	0.030905	0.036825	0.043707
2007-9-20	5470.07	0.01376877	0.00033	0.026159	0.029881	0.035605	0.042259
2007-9-21	5454.67	-0.002819291	0.00032	0.02576	0.029425	0.035062	0.041614
2007-9-24	5485.01	0.005546794	0.000299	0.0249	0.028443	0.033892	0.040225
2007-9-25	5425.88	-0.010838819	0.00028	0.024096	0.027524	0.032797	0.038926
2007-9-26	5338.52	-0.016231637	0.00027	0.023662	0.027028	0.032206	0.038225
2007-9-27	5409.4	0.01318972	0.00027	0.023662	0.027028	0.032206	0.038225
2007-9-28	5552.3	0.026074075	0.000264	0.023397	0.026726	0.031846	0.037798
2007-10-8	5692.75	0.024981179	0.000293	0.024649	0.028156	0.03355	0.03982
2007-10-9	5715.89	0.00405658	0.000316	0.025598	0.02924	0.034842	0.041353
2007-10-10	5771.46	0.009675066	0.000295	0.024733	0.028252	0.033664	0.039956
2007-10-11	5913.23	0.024267132	0.000282	0.024182	0.027623	0.032914	0.039065
2007-10-12	5903.26	-0.001687473	0.000303	0.025066	0.028633	0.034118	0.040494
2007-10-15	6030.09	0.021257195	0.000283	0.024225	0.027672	0.032972	0.039134
2007-10-16	6092.06	0.010224348	0.000294	0.024691	0.028204	0.033607	0.039888
2007-10-17	6036.28	-0.009198356	0.000282	0.024182	0.027623	0.032914	0.039065
2007-10-18	5825.28	-0.035580861	0.000269	0.023618	0.026978	0.032146	0.038154
2007-10-19	5818.05	-0.001241913	0.000339	0.026513	0.030286	0.036087	0.042832
2007-10-22	5667.33	-0.026247047	0.000315	0.025557	0.029194	0.034787	0.041288
2007-10-23	5773.39	0.018541322	0.000342	0.02663	0.03042	0.036247	0.043021
2007-10-24	5843.11	0.01200376	0.000341	0.026591	0.030375	0.036194	0.042958
2007-10-25	5562.39	-0.049235317	0.000327	0.02604	0.029745	0.035443	0.042067
2007-10-26	5589.63	0.004885223	0.000473	0.031318	0.035774	0.042627	0.050594
2007-10-29	5748	0.027938873	0.000441	0.03024	0.034543	0.04116	0.048852
2007-10-30	5897.19	0.025623998	0.000463	0.030985	0.035394	0.042174	0.050056
2007-10-31	5954.77	0.009716613	0.000474	0.031351	0.035812	0.042672	0.050647
2007-11-1	5914.28	-0.006822813	0.000446	0.030411	0.034738	0.041393	0.049128
2007-11-2	5777.8	-0.023346778	0.000418	0.029441	0.03363	0.040072	0.047561
2007-11-5	5634.45	-0.025123449	0.000426	0.029721	0.03395	0.040454	0.048014
2007-11-6	5536.56	-0.017526169	0.00044	0.030206	0.034504	0.041113	0.048797
2007-11-7	5601.78	0.011711035	0.00043	0.02986	0.034109	0.040643	0.048239
2007-11-8	5330.02	-0.049729414	0.000408	0.029087	0.033225	0.03959	0.046989
2007-11-9	5315.54	-0.002720385	0.000551	0.033802	0.038611	0.046008	0.054606
2007-11-12	5187.73	-0.024338384	0.000511	0.032552	0.037183	0.044306	0.052587
2007-11-13	5158.11	-0.005725989	0.000515	0.032679	0.037329	0.044479	0.052792
2007-11-14	5412.69	0.048175963	0.00048	0.031549	0.036038	0.042941	0.050967
2007-11-15	5365.26	-0.008801359	0.000605	0.035419	0.040459	0.04821	0.057219
2007-11-16	5316.27	-0.009172908	0.000566	0.034259	0.039133	0.04663	0.055344
2007-11-19	5269.82	-0.008775723	0.00053	0.033151	0.037868	0.045123	0.053555
2007-11-20	5293.7	0.004521228	0.000497	0.032103	0.036671	0.043695	0.051861
2007-11-21	5214.23	-0.015126008	0.000462	0.030952	0.035356	0.042129	0.050002
2007-11-22	4984.16	-0.045126543	0.000445	0.030377	0.034699	0.041346	0.049073
2007-11-23	5032.13	0.00957847	0.000555	0.033924	0.038751	0.046175	0.054804
2007-11-26	4958.85	-0.014669495	0.00052	0.032837	0.037509	0.044695	0.053048
2007-11-27	4861.11	-0.019907052	0.000497	0.032103	0.036671	0.043695	0.051861
2007-11-28	4803.39	-0.011944888	0.000489	0.031843	0.036374	0.043342	0.051442

2007-11-29	5003.33	0.040781772	0.000464	0.031019	0.035432	0.04222	0.05011
2007-11-30	4871.78	-0.026644317	0.000545	0.033617	0.038401	0.045757	0.054308
2007-12-3	4868.61	-0.000650898	0.000554	0.033894	0.038716	0.046133	0.054755
2007-12-4	4915.89	0.00966434	0.000514	0.032647	0.037292	0.044436	0.052741
2007-12-5	5042.65	0.025458922	0.000483	0.031647	0.03615	0.043075	0.051126
2007-12-6	5035.07	-0.001504309	0.000492	0.031941	0.036486	0.043475	0.0516
2007-12-7	5091.76	0.011196118	0.000457	0.030784	0.035164	0.0419	0.049731
2007-12-10	5161.92	0.013685056	0.000432	0.02993	0.034189	0.040738	0.048351
2007-12-11	5175.07	0.002544262	0.000414	0.0293	0.033469	0.03988	0.047333
2007-12-12	5095.54	-0.015487218	0.000385	0.028255	0.032275	0.038458	0.045645
2007-12-13	4958.04	-0.027355146	0.000375	0.027885	0.031853	0.037955	0.045049
2007-12-14	5007.91	0.010008161	0.0004	0.0288	0.032898	0.0392	0.046526
2007-12-17	4876.76	-0.026537597	0.000379	0.028034	0.032023	0.038157	0.045288
2007-12-18	4836.17	-0.00835798	0.000401	0.028836	0.032939	0.039249	0.046584
2007-12-19	4941.78	0.021602505	0.000378	0.027997	0.031981	0.038107	0.045228
2007-12-20	5043.54	0.020382626	0.000383	0.028181	0.032191	0.038358	0.045527
2007-12-21	5101.78	0.011481282	0.000384	0.028218	0.032233	0.038408	0.045586
2007-12-24	5234.26	0.02563598	0.000366	0.027549	0.031469	0.037497	0.044505
2007-12-25	5201.18	-0.006339955	0.000386	0.028292	0.032317	0.038508	0.045705
2007-12-26	5233.35	0.006166085	0.000361	0.02736	0.031253	0.03724	0.0442
2007-12-27	5308.89	0.014331165	0.000338	0.026474	0.030241	0.036034	0.042769
2007-12-28	5261.56	-0.008955213	0.000329	0.026119	0.029836	0.035551	0.042195
2008-1-2	5272.81	0.002135867	0.000312	0.025435	0.029055	0.034621	0.041091
2008-1-3	5319.86	0.00888356	0.000291	0.024565	0.02806	0.033435	0.039684
2008-1-4	5361.57	0.007809855	0.000276	0.023923	0.027327	0.032562	0.038647
2008-1-7	5393.34	0.005908016	0.000262	0.023308	0.026625	0.031725	0.037654
2008-1-8	5386.53	-0.001263466	0.000247	0.022631	0.025852	0.030804	0.036561
2008-1-9	5435.81	0.009107151	0.000231	0.021886	0.025	0.029789	0.035357
2008-1-10	5456.54	0.003806346	0.000221	0.021407	0.024453	0.029137	0.034583
2008-1-11	5484.68	0.005143862	0.000208	0.020768	0.023723	0.028268	0.03355
2008-1-14	5497.9	0.00240745	0.000197	0.020211	0.023087	0.02751	0.032651
2008-1-15	5443.79	-0.009890692	0.000185	0.019586	0.022373	0.026659	0.031641
2008-1-16	5290.61	-0.028541958	0.00018	0.01932	0.022069	0.026296	0.031211
2008-1-17	5151.63	-0.026620382	0.000226	0.021648	0.024728	0.029465	0.034972
2008-1-18	5180.51	0.005590338	0.000261	0.023264	0.026574	0.031665	0.037583
2008-1-21	4914.44	-0.052725697	0.000246	0.022586	0.025799	0.030741	0.036487
2008-1-22	4559.75	-0.074910013	0.000423	0.029616	0.033831	0.040311	0.047845
2008-1-23	4703.05	0.030943437	0.000782	0.040269	0.045998	0.05481	0.065053
2008-1-24	4717.73	0.003116517	0.000789	0.040448	0.046204	0.055055	0.065344
2008-1-25	4761.69	0.009274896	0.00073	0.038907	0.044443	0.052956	0.062853
2008-1-28	4419.29	-0.074623598	0.000682	0.037606	0.042957	0.051186	0.060752
2008-1-29	4457.94	0.008707726	0.001017	0.045922	0.052457	0.062505	0.074187
2008-1-30	4417.84	-0.009035887	0.000945	0.044267	0.050566	0.060252	0.071512
2008-1-31	4383.39	-0.007828491	0.000879	0.042693	0.048768	0.05811	0.06897
2008-2-1	4320.77	-0.014388771	0.000817	0.04116	0.047017	0.056023	0.066493
2008-2-4	4672.17	0.078190005	0.00077	0.039958	0.045644	0.054388	0.064552
2008-2-5	4599.7	-0.015632548	0.001134	0.048492	0.055392	0.066003	0.078338
2008-2-13	4490.72	-0.023978039	0.001065	0.046993	0.05368	0.063963	0.075917
2008-2-14	4552.32	0.013623948	0.001024	0.04608	0.052637	0.06272	0.074442
2008-2-15	4497.13	-0.012197578	0.000958	0.04457	0.050912	0.060665	0.072003
2008-2-18	4568.15	0.015668893	0.000896	0.043104	0.049237	0.058669	0.069634

2008-2-19	4664.3	0.020829461	0.000845	0.041859	0.047815	0.056975	0.067623
2008-2-20	4567.03	-0.021074666	0.000811	0.041008	0.046844	0.055817	0.066249
2008-2-21	4527.18	-0.008763874	0.000781	0.040243	0.045969	0.054775	0.065012
2008-2-22	4370.28	-0.035272149	0.000728	0.038853	0.044382	0.052884	0.062767
2008-2-25	4192.53	-0.04152271	0.00076	0.039698	0.045347	0.054033	0.064132
2008-2-26	4238.18	0.010829561	0.000823	0.041311	0.047189	0.056228	0.066737
2008-2-27	4334.05	0.022368508	0.000769	0.039932	0.045614	0.054352	0.06451
2008-2-28	4299.51	-0.008001377	0.000746	0.039331	0.044927	0.053533	0.063538
2008-2-29	4348.54	0.011339094	0.000694	0.037935	0.043333	0.051634	0.061284
2008-3-3	4438.27	0.020424504	0.000651	0.036741	0.041969	0.050009	0.059355
2008-3-4	4335.45	-0.02343925	0.000632	0.036201	0.041352	0.049274	0.058482
2008-3-5	4292.65	-0.009921153	0.000623	0.035942	0.041057	0.048922	0.058064
2008-3-6	4360.99	0.015794838	0.000584	0.034799	0.039751	0.047366	0.056218
2008-3-7	4300.52	-0.01396315	0.000558	0.034016	0.038856	0.046299	0.054952
2008-3-10	4146.3	-0.036519575	0.000531	0.033183	0.037904	0.045165	0.053606
2008-3-11	4165.88	0.004711168	0.000585	0.034829	0.039785	0.047406	0.056266
2008-3-12	4070.12	-0.023255055	0.000543	0.033555	0.03833	0.045673	0.054208
2008-3-13	3971.26	-0.024589058	0.000541	0.033494	0.038259	0.045588	0.054108
2008-3-14	3962.67	-0.002165384	0.000544	0.033586	0.038365	0.045715	0.054258
2008-3-17	3820.05	-0.036654529	0.000504	0.032328	0.036928	0.044002	0.052225
2008-3-18	3668.9	-0.040371622	0.000561	0.034107	0.03896	0.046423	0.055099
2008-3-19	3761.6	0.024952509	0.000633	0.03623	0.041385	0.049313	0.058529
2008-3-20	3804.05	0.01122189	0.000629	0.036115	0.041254	0.049157	0.058343
2008-3-21	3796.57	-0.001968261	0.000591	0.035007	0.039988	0.047649	0.056553
2008-3-24	3626.18	-0.045918275	0.000548	0.03371	0.038506	0.045882	0.054457
2008-3-25	3629.61	0.000945452	0.000654	0.036826	0.042066	0.050124	0.059491
2008-3-26	3606.85	-0.006290389	0.000606	0.035449	0.040493	0.048249	0.057267
2008-3-27	3411.49	-0.055685669	0.000564	0.034198	0.039064	0.046547	0.055247
2008-3-28	3580.14	0.04825276	0.000738	0.039119	0.044686	0.053246	0.063197
2008-3-31	3472.71	-0.030466637	0.000843	0.04181	0.047759	0.056908	0.067543
2008-4-1	3329.16	-0.042215249	0.000844	0.041834	0.047787	0.056941	0.067583
2008-4-2	3347.88	0.00560729	0.000904	0.043296	0.049457	0.058931	0.069944
2008-4-3	3446.24	0.028956472	0.000838	0.041685	0.047617	0.056739	0.067342
2008-4-7	3599.61	0.043541725	0.000833	0.041561	0.047475	0.056569	0.067141
2008-4-8	3612.53	0.003582852	0.0009	0.0432	0.049347	0.0588	0.069789
2008-4-9	3413.9	-0.056553025	0.000833	0.041561	0.047475	0.056569	0.067141
2008-4-10	3471.74	0.016800576	0.000992	0.045354	0.051808	0.061732	0.073269
2008-4-11	3492.89	0.006073565	0.000936	0.044056	0.050324	0.059964	0.071171
2008-4-14	3296.67	-0.057816606	0.000868	0.042425	0.048462	0.057745	0.068537
2008-4-15	3348.35	0.015554819	0.001034	0.046304	0.052893	0.063026	0.074804
2008-4-16	3291.59	-0.017096956	0.000972	0.044895	0.051283	0.061107	0.072527
2008-4-17	3222.74	-0.021138801	0.000919	0.043654	0.049865	0.059417	0.070522
2008-4-18	3094.66	-0.040553884	0.00088	0.042717	0.048796	0.058143	0.069009
2008-4-21	3116.97	0.007183331	0.000928	0.043867	0.050109	0.059708	0.070866
2008-4-22	3147.79	0.009839243	0.000861	0.042254	0.048266	0.057512	0.06826
2008-4-23	3278.33	0.040633527	0.000803	0.040806	0.046612	0.055541	0.065921
2008-4-24	3583.02	0.088871874	0.000856	0.042131	0.048126	0.057345	0.068062
2008-4-25	3557.74	-0.007080508	0.001337	0.052654	0.060146	0.071667	0.085061
2008-4-28	3474.72	-0.023611612	0.001238	0.050667	0.057876	0.068963	0.081851
2008-4-29	3523.4	0.013912532	0.001182	0.049508	0.056552	0.067385	0.079979
2008-4-30	3693.1	0.047039781	0.001104	0.047846	0.054654	0.065124	0.077295

2008-5-5	3761	0.018218666	0.001173	0.049319	0.056336	0.067128	0.079674
2008-5-6	3733.5	-0.007338748	0.001106	0.047889	0.054704	0.065183	0.077365
2008-5-7	3579.14	-0.042223583	0.001025	0.046102	0.052662	0.062751	0.074478
2008-5-8	3656.83	0.021474104	0.001071	0.047126	0.053831	0.064143	0.076131
2008-5-9	3613.49	-0.011922588	0.001021	0.046012	0.05256	0.062628	0.074332
2008-5-12	3626.98	0.003726282	0.000953	0.044454	0.050779	0.060507	0.071815
2008-5-13	3560.24	-0.018572388	0.000882	0.042766	0.048851	0.058209	0.069088
2008-5-14	3657.43	0.026932757	0.000839	0.04171	0.047645	0.056772	0.067382
2008-5-15	3637.32	-0.005513568	0.000826	0.041386	0.047275	0.056331	0.066858
2008-5-16	3624.23	-0.003605295	0.000766	0.039854	0.045525	0.054246	0.064384
2008-5-19	3604.76	-0.005386658	0.000709	0.038343	0.043799	0.052189	0.061943
2008-5-20	3443.16	-0.04586554	0.000658	0.036938	0.042194	0.050277	0.059673
2008-5-21	3544.18	0.028917167	0.000756	0.039593	0.045227	0.053891	0.063963
2008-5-22	3485.63	-0.016658019	0.000757	0.03962	0.045257	0.053927	0.064005
2008-5-23	3473.09	-0.003604115	0.000719	0.038612	0.044107	0.052556	0.062378
2008-5-26	3364.54	-0.031753435	0.000667	0.03719	0.042482	0.05062	0.06008
2008-5-27	3375.4	0.003222583	0.000687	0.037743	0.043114	0.051373	0.060974
2008-5-28	3459.02	0.024471476	0.000637	0.036344	0.041515	0.049468	0.058713
2008-5-29	3401.43	-0.016789381	0.000631	0.036172	0.041319	0.049235	0.058436
2008-5-30	3433.35	0.009340529	0.000604	0.03539	0.040426	0.04817	0.057172
2008-6-2	3459.04	0.007454633	0.000565	0.034228	0.039099	0.046589	0.055296
2008-6-3	3436.39	-0.006569592	0.000527	0.033057	0.037761	0.044995	0.053404
2008-6-4	3369.91	-0.019535464	0.000492	0.031941	0.036486	0.043475	0.0516
2008-6-5	3351.64	-0.005436259	0.000483	0.031647	0.03615	0.043075	0.051126
2008-6-6	3329.67	-0.006576578	0.00045	0.030547	0.034894	0.041578	0.049348
2008-6-10	3072.33	-0.080436969	0.000421	0.029546	0.033751	0.040216	0.047732
2008-6-11	3024.24	-0.015776411	0.00084	0.041735	0.047674	0.056806	0.067423
2008-6-12	2957.53	-0.02230536	0.000794	0.040576	0.04635	0.055229	0.06555
2008-6-13	2868.8	-0.030460637	0.000769	0.039932	0.045614	0.054352	0.06451
2008-6-16	2874.1	0.001845758	0.000776	0.040114	0.045822	0.054599	0.064803
2008-6-17	2794.75	-0.027996925	0.000718	0.038586	0.044076	0.052519	0.062334
2008-6-18	2941.11	0.051044404	0.000719	0.038612	0.044107	0.052556	0.062378
2008-6-19	2748.87	-0.067597143	0.000845	0.041859	0.047815	0.056975	0.067623
2008-6-20	2831.73	0.029697914	0.001098	0.047716	0.054506	0.064947	0.077084
2008-6-23	2760.41	-0.025508613	0.001075	0.047214	0.053932	0.064263	0.076273
2008-6-24	2803.01	0.01531462	0.001038	0.046394	0.052995	0.063147	0.074949
2008-6-25	2905.01	0.035742993	0.000975	0.044964	0.051362	0.061201	0.072639
2008-6-26	2901.85	-0.001088368	0.000989	0.045286	0.051729	0.061639	0.073158
2008-6-27	2748.43	-0.054318625	0.000914	0.043535	0.049729	0.059256	0.07033
2008-6-30	2736.1	-0.004496291	0.00105	0.046661	0.053301	0.063511	0.075381
2008-7-1	2651.6	-0.031370317	0.000971	0.044872	0.051257	0.061075	0.07249
2008-7-2	2651.72	4.52547E-05	0.000966	0.044756	0.051124	0.060918	0.072303
2008-7-3	2703.52	0.019346142	0.000893	0.043032	0.049155	0.058571	0.069517
2008-7-4	2669.89	-0.012517355	0.000851	0.042008	0.047985	0.057177	0.067863
2008-7-7	2792.39	0.044860587	0.000798	0.040678	0.046467	0.055368	0.065715
2008-7-8	2814.94	0.008043087	0.000876	0.04262	0.048685	0.058011	0.068852
2008-7-9	2920.54	0.036827584	0.000814	0.041084	0.04693	0.05592	0.066371
2008-7-10	2875.45	-0.015559347	0.000846	0.041884	0.047844	0.057009	0.067663
2008-7-11	2856.63	-0.006566575	0.0008	0.040729	0.046525	0.055437	0.065798
2008-7-14	2878.25	0.007539862	0.000743	0.039252	0.044837	0.053426	0.06341
2008-7-15	2779.44	-0.034933002	0.000691	0.037853	0.043239	0.051522	0.061151

2008-7-16	2705.86	-0.026829677	0.000724	0.038746	0.04426	0.052738	0.062594
2008-7-17	2684.77	-0.007824728	0.00072	0.038639	0.044137	0.052592	0.062421
2008-7-18	2778.36	0.034265762	0.000671	0.037301	0.042609	0.050771	0.06026
2008-7-21	2861.41	0.029453685	0.000702	0.038153	0.043582	0.051931	0.061636
2008-7-22	2846.11	-0.005361361	0.000709	0.038343	0.043799	0.052189	0.061943
2008-7-23	2837.84	-0.00290995	0.000658	0.036938	0.042194	0.050277	0.059673
2008-7-24	2910.29	0.025209533	0.00061	0.035565	0.040626	0.048408	0.057455
2008-7-25	2865.1	-0.015649479	0.000608	0.035507	0.040559	0.048329	0.057361
2008-7-28	2903.01	0.013144876	0.000581	0.03471	0.039649	0.047244	0.056073
2008-7-29	2850.31	-0.018320369	0.00055	0.033771	0.038576	0.045966	0.054557
2008-7-30	2836.66	-0.004800457	0.000533	0.033245	0.037975	0.04525	0.053707
2008-7-31	2775.71	-0.021720733	0.000496	0.03207	0.036634	0.043651	0.051809
2008-8-1	2801.81	0.009359067	0.000493	0.031973	0.036523	0.043519	0.051652
2008-8-4	2741.74	-0.021672882	0.000463	0.030985	0.035394	0.042174	0.050056
2008-8-5	2690.74	-0.018776507	0.000462	0.030952	0.035356	0.042129	0.050002
2008-8-6	2719.36	0.01058031	0.000454	0.030682	0.035048	0.041762	0.049567
2008-8-7	2727.57	0.003014544	0.000429	0.029826	0.03407	0.040596	0.048183
2008-8-8	2605.71	-0.045705912	0.000398	0.028728	0.032816	0.039102	0.04641
2008-8-11	2470.07	-0.053458701	0.000515	0.032679	0.037329	0.044479	0.052792
2008-8-12	2457.19	-0.00522807	0.000676	0.03744	0.042767	0.05096	0.060484
2008-8-13	2446.29	-0.004445829	0.000628	0.036086	0.041221	0.049117	0.058297
2008-8-14	2437.08	-0.00377199	0.000583	0.034769	0.039717	0.047325	0.056169
2008-8-15	2450.61	0.005536372	0.000541	0.033494	0.038259	0.045588	0.054108
2008-8-18	2319.86	-0.054830134	0.000504	0.032328	0.036928	0.044002	0.052225
2008-8-19	2344.46	0.010548259	0.000676	0.03744	0.042767	0.05096	0.060484
2008-8-20	2523.28	0.073504544	0.000633	0.03623	0.041385	0.049313	0.058529
2008-8-21	2431.71	-0.036964929	0.000959	0.044594	0.050939	0.060697	0.07204
2008-8-22	2405.22	-0.010953338	0.000981	0.045102	0.05152	0.061389	0.072862
2008-8-25	2413.37	0.003382736	0.000915	0.043559	0.049757	0.059288	0.070368
2008-8-26	2350.08	-0.026574741	0.000847	0.041909	0.047872	0.057042	0.067703
2008-8-27	2342.14	-0.003384329	0.000832	0.041536	0.047446	0.056535	0.067101
2008-8-28	2350.14	0.003409859	0.00077	0.039958	0.045644	0.054388	0.064552
2008-8-29	2397.36	0.019893231	0.000713	0.038451	0.043922	0.052336	0.062117
2008-9-1	2325.13	-0.03059218	0.000687	0.037743	0.043114	0.051373	0.060974
2008-9-2	2304.89	-0.008742998	0.000701	0.038126	0.043551	0.051894	0.061592
2008-9-3	2276.67	-0.012319104	0.000654	0.036826	0.042066	0.050124	0.059491
2008-9-4	2277.41	0.000324983	0.000616	0.03574	0.040825	0.048646	0.057737
2008-9-5	2202.44	-0.033472996	0.000571	0.03441	0.039306	0.046835	0.055588
2008-9-8	2143.42	-0.027163152	0.000607	0.035478	0.040526	0.048289	0.057314
2008-9-9	2145.77	0.001095778	0.000613	0.035653	0.040726	0.048527	0.057596
2008-9-10	2150.75	0.002318156	0.000568	0.034319	0.039202	0.046712	0.055442
2008-9-11	2078.98	-0.03393923	0.000527	0.033057	0.037761	0.044995	0.053404
2008-9-12	2079.67	0.000331838	0.000568	0.034319	0.039202	0.046712	0.055442
2008-9-16	1986.63	-0.045769491	0.000527	0.033057	0.037761	0.044995	0.053404
2008-9-17	1929.04	-0.029417266	0.000634	0.036258	0.041418	0.049352	0.058575
2008-9-18	1895.83	-0.017365732	0.000647	0.036628	0.04184	0.049855	0.059172
2008-9-19	2075.09	0.090347789	0.00062	0.035856	0.040958	0.048804	0.057924
2008-9-22	2236.41	0.074867375	0.001138	0.048577	0.055489	0.066119	0.078476
2008-9-23	2201.51	-0.015728413	0.001438	0.054606	0.062376	0.074325	0.088216
2008-9-24	2216.81	0.006925737	0.001344	0.052791	0.060303	0.071855	0.085284
2008-9-25	2297.5	0.03575235	0.001244	0.050789	0.058016	0.06913	0.082049

2008-9-26	2293.78	-0.001620463	0.001237	0.050646	0.057853	0.068935	0.081818
2008-10-6	2173.73	-0.053756526	0.001142	0.048663	0.055587	0.066235	0.078614
2008-10-7	2157.83	-0.007341499	0.001256	0.051034	0.058295	0.069463	0.082444
2008-10-8	2092.22	-0.030877384	0.001163	0.049108	0.056096	0.066841	0.079333
2008-10-9	2074.58	-0.00846698	0.00114	0.04862	0.055538	0.066177	0.078545
2008-10-10	2000.57	-0.036326584	0.001058	0.046839	0.053504	0.063753	0.075667
2008-10-13	2073.56	0.035834797	0.00107	0.047104	0.053806	0.064113	0.076095
2008-10-14	2017.32	-0.027497039	0.001076	0.047236	0.053957	0.064293	0.076308
2008-10-15	1994.66	-0.011296288	0.001047	0.046595	0.053225	0.06342	0.075273
2008-10-16	1909.94	-0.043401782	0.000976	0.044987	0.051388	0.061232	0.072676
2008-10-17	1930.65	0.010784906	0.001033	0.046282	0.052868	0.062995	0.074768
2008-10-20	1974.01	0.022210273	0.000962	0.044663	0.051018	0.060792	0.072153
2008-10-21	1958.52	-0.007877921	0.000923	0.043749	0.049974	0.059547	0.070675
2008-10-22	1895.82	-0.032537623	0.000858	0.04218	0.048182	0.057412	0.068141
2008-10-23	1875.56	-0.010744181	0.000867	0.042401	0.048434	0.057712	0.068498
2008-10-24	1839.62	-0.019348253	0.000809	0.040958	0.046786	0.055748	0.066167
2008-10-27	1723.35	-0.065288958	0.000775	0.040088	0.045792	0.054564	0.064761
2008-10-28	1771.82	0.027737196	0.001012	0.045809	0.052327	0.062351	0.074004
2008-10-29	1719.81	-0.029793447	0.000988	0.045263	0.051703	0.061608	0.073121
2008-10-30	1763.6	0.025143355	0.000975	0.044964	0.051362	0.061201	0.072639
2008-10-31	1728.78	-0.019941217	0.000944	0.044243	0.050539	0.06022	0.071475
2008-11-3	1719.77	-0.005225396	0.0009	0.0432	0.049347	0.0588	0.069789
2008-11-4	1706.7	-0.00762888	0.000834	0.041586	0.047503	0.056603	0.067181
2008-11-5	1760.6	0.031092979	0.000776	0.040114	0.045822	0.054599	0.064803
2008-11-6	1717.72	-0.02465683	0.000784	0.04032	0.046057	0.05488	0.065136
2008-11-7	1747.71	0.01730853	0.000767	0.03988	0.045555	0.054282	0.064426
2008-11-10	1874.8	0.070195627	0.00073	0.038907	0.044443	0.052956	0.062853
2008-11-11	1843.6	-0.016781805	0.001016	0.0459	0.052431	0.062475	0.07415
2008-11-12	1859.11	0.008377697	0.000958	0.04457	0.050912	0.060665	0.072003
2008-11-13	1927.61	0.036183015	0.00089	0.042959	0.049072	0.058472	0.0694
2008-11-14	1986.43	0.030058164	0.000913	0.043511	0.049702	0.059223	0.070291
2008-11-17	2030.48	0.021933161	0.000906	0.043344	0.049511	0.058996	0.070021
2008-11-18	1902.43	-0.065140202	0.00087	0.042474	0.048518	0.057812	0.068616
2008-11-19	2017.47	0.058712235	0.001099	0.047738	0.05453	0.064976	0.07712
2008-11-20	1983.76	-0.016850217	0.001253	0.050973	0.058226	0.06938	0.082346
2008-11-21	1969.38	-0.007275261	0.001177	0.049403	0.056432	0.067243	0.079809
2008-11-24	1897.06	-0.037413453	0.00109	0.047542	0.054307	0.06471	0.076803
2008-11-25	1888.71	-0.004411263	0.001105	0.047868	0.054679	0.065153	0.07733
2008-11-26	1897.88	0.004843417	0.001022	0.046035	0.052585	0.062659	0.074369
2008-11-27	1917.86	0.010472507	0.000945	0.044267	0.050566	0.060252	0.071512
2008-11-28	1871.16	-0.024651422	0.000881	0.042742	0.048823	0.058176	0.069048
2008-12-1	1894.61	0.012454453	0.000857	0.042155	0.048154	0.057378	0.068101
2008-12-2	1889.63	-0.00263197	0.000803	0.040806	0.046612	0.055541	0.065921
2008-12-3	1965.41	0.039319832	0.000743	0.039252	0.044837	0.053426	0.06341
2008-12-4	2001.5	0.018196024	0.000794	0.040576	0.04635	0.055229	0.06555
2008-12-5	2018.65	0.008532072	0.000757	0.03962	0.045257	0.053927	0.064005
2008-12-8	2090.77	0.035103448	0.000705	0.038235	0.043675	0.052042	0.061768
2008-12-9	2037.74	-0.025691069	0.000737	0.039093	0.044655	0.05321	0.063154
2008-12-10	2079.11	0.020098567	0.000728	0.038853	0.044382	0.052884	0.062767
2008-12-11	2031.68	-0.023076881	0.000701	0.038126	0.043551	0.051894	0.061592
2008-12-12	1954.22	-0.0388719	0.000686	0.037716	0.043083	0.051336	0.06093

2008-12-15	1964.37	0.005180446	0.00074	0.039172	0.044746	0.053318	0.063282
2008-12-16	1975	0.005396815	0.000687	0.037743	0.043114	0.051373	0.060974
2008-12-17	1976.81	0.000916036	0.000637	0.036344	0.041515	0.049468	0.058713
2008-12-18	2015.69	0.019477134	0.00059	0.034977	0.039954	0.047608	0.056506
2008-12-19	2018.46	0.001373276	0.000573	0.03447	0.039375	0.046917	0.055686
2008-12-22	1987.75	-0.015331499	0.000531	0.033183	0.037904	0.045165	0.053606
2008-12-23	1897.22	-0.046613689	0.000508	0.032456	0.037074	0.044176	0.052432
2008-12-24	1863.8	-0.017772242	0.000622	0.035913	0.041024	0.048882	0.058018
2008-12-25	1852.41	-0.00612992	0.000598	0.035214	0.040224	0.04793	0.056887
2008-12-26	1851.52	-0.000480571	0.000557	0.033985	0.038821	0.046258	0.054903
2008-12-29	1850.48	-0.000561858	0.000516	0.032711	0.037365	0.044523	0.052843
2008-12-30	1832.91	-0.009540197	0.000479	0.031516	0.036	0.042897	0.050914
2008-12-31	1820.81	-0.006623411	0.00045	0.030547	0.034894	0.041578	0.049348
2009-1-5	1880.71	0.032367908	0.000421	0.029546	0.033751	0.040216	0.047732
2009-1-6	1937.14	0.029563293	0.000463	0.030985	0.035394	0.042174	0.050056
2009-1-7	1924.01	-0.006801109	0.00049	0.031876	0.036411	0.043386	0.051495
2009-1-8	1878.18	-0.024108327	0.000458	0.030817	0.035202	0.041946	0.049785
2009-1-9	1904.86	0.014105292	0.000465	0.031052	0.03547	0.042265	0.050164
2009-1-12	1900.34	-0.002375698	0.000445	0.030377	0.034699	0.041346	0.049073
2009-1-13	1863.36	-0.019651508	0.000414	0.0293	0.033469	0.03988	0.047333
2009-1-14	1928.86	0.034547845	0.000411	0.029193	0.033347	0.039735	0.047161
2009-1-15	1920.2	-0.004499808	0.000464	0.031019	0.035432	0.04222	0.05011
2009-1-16	1954.43	0.017669244	0.000432	0.02993	0.034189	0.040738	0.048351
2009-1-19	1986.67	0.016361279	0.000422	0.029581	0.033791	0.040264	0.047788
2009-1-20	1994.1	0.00373295	0.00041	0.029158	0.033307	0.039687	0.047104
2009-1-21	1985.01	-0.004568869	0.000382	0.028145	0.032149	0.038308	0.045467
2009-1-22	2004.95	0.009995171	0.000357	0.027208	0.031079	0.037033	0.043954
2009-1-23	1990.65	-0.007157904	0.000339	0.026513	0.030286	0.036087	0.042832
2009-2-2	2011.68	0.010508975	0.000319	0.025719	0.029379	0.035007	0.041549
2009-2-3	2060.8	0.024124063	0.000304	0.025107	0.02868	0.034174	0.04056
2009-2-4	2107.74	0.022522026	0.000323	0.02588	0.029562	0.035226	0.041809
2009-2-5	2098.01	-0.004627007	0.000336	0.026396	0.030152	0.035927	0.042642
2009-2-6	2181.23	0.038899661	0.000314	0.025517	0.029148	0.034731	0.041222
2009-2-9	2224.71	0.019737632	0.000397	0.028692	0.032774	0.039053	0.046351
2009-2-10	2265.16	0.018018827	0.000395	0.028619	0.032692	0.038954	0.046234
2009-2-11	2260.82	-0.001917817	0.000389	0.028401	0.032442	0.038657	0.045882
2009-2-12	2248.09	-0.005646613	0.000362	0.027398	0.031296	0.037292	0.044261
2009-2-13	2320.79	0.031826678	0.000339	0.026513	0.030286	0.036087	0.042832
2009-2-16	2389.38	0.029126273	0.000385	0.028255	0.032275	0.038458	0.045645
2009-2-17	2319.44	-0.029708141	0.000416	0.02937	0.03355	0.039976	0.047447
2009-2-18	2209.86	-0.048396612	0.000448	0.030479	0.034816	0.041485	0.049238
2009-2-19	2227.12	0.007780106	0.000579	0.03465	0.03958	0.047162	0.055976
2009-2-20	2261.48	0.015310195	0.00054	0.033463	0.038224	0.045546	0.054058
2009-2-23	2305.77	0.019395211	0.000517	0.032742	0.037401	0.044566	0.052895
2009-2-24	2200.65	-0.046661906	0.000505	0.03236	0.036965	0.044046	0.052277
2009-2-25	2206.57	0.002686502	0.000619	0.035827	0.040925	0.048764	0.057878
2009-2-26	2121.25	-0.039433736	0.000574	0.0345	0.039409	0.046958	0.055734
2009-2-27	2082.85	-0.018268389	0.00064	0.036429	0.041613	0.049585	0.058851
2009-3-2	2093.44	0.005071498	0.000616	0.03574	0.040825	0.048646	0.057737
2009-3-3	2071.43	-0.010569456	0.000572	0.03444	0.03934	0.046876	0.055637
2009-3-4	2198.1	0.059354161	0.000538	0.033401	0.038153	0.045462	0.053958



2009-3-5	2221.07	0.010395711	0.000741	0.039199	0.044776	0.053354	0.063325
2009-3-6	2193	-0.012718592	0.000693	0.037908	0.043302	0.051597	0.06124
2009-3-9	2118.74	-0.034448897	0.000653	0.036798	0.042034	0.050086	0.059446
2009-3-10	2158.56	0.01861976	0.000687	0.037743	0.043114	0.051373	0.060974
2009-3-11	2139.02	-0.009093552	0.00066	0.036994	0.042258	0.050353	0.059764
2009-3-12	2133.88	-0.002405861	0.000617	0.035769	0.040858	0.048685	0.057784
2009-3-13	2128.85	-0.002359991	0.000571	0.03441	0.039306	0.046835	0.055588
2009-3-16	2153.29	0.011414977	0.00053	0.033151	0.037868	0.045123	0.053555
2009-3-17	2218.32	0.029753248	0.0005	0.032199	0.036781	0.043827	0.052018
2009-3-18	2223.72	0.002431317	0.000524	0.032963	0.037653	0.044866	0.053251
2009-3-19	2265.75	0.018724361	0.000487	0.031778	0.0363	0.043253	0.051337
2009-3-20	2281.08	0.006743185	0.000475	0.031384	0.03585	0.042717	0.050701
2009-3-23	2325.48	0.019277454	0.000444	0.030343	0.03466	0.0413	0.049018
2009-3-24	2338.42	0.005549018	0.000438	0.030137	0.034425	0.04102	0.048686
2009-3-25	2291.55	-0.020247043	0.000408	0.029087	0.033225	0.03959	0.046989
2009-3-26	2361.7	0.030153254	0.000408	0.029087	0.033225	0.03959	0.046989
2009-3-27	2374.43	0.00537571	0.000441	0.03024	0.034543	0.04116	0.048852
2009-3-30	2358.04	-0.006926643	0.000412	0.029229	0.033388	0.039784	0.047219
2009-3-31	2373.21	0.006412704	0.000386	0.028292	0.032317	0.038508	0.045705
2009-4-1	2408.01	0.014557211	0.000361	0.02736	0.031253	0.03724	0.0442
2009-4-2	2425.29	0.007150425	0.00035	0.02694	0.030773	0.036668	0.043521
2009-4-3	2419.77	-0.002278611	0.000329	0.026119	0.029836	0.035551	0.042195
2009-4-7	2439.18	0.007989423	0.000307	0.025231	0.028821	0.034342	0.04076
2009-4-8	2347.39	-0.038357845	0.00029	0.024522	0.028012	0.033378	0.039615
2009-4-9	2379.87	0.013741792	0.000373	0.027811	0.031768	0.037854	0.044928
2009-4-10	2444.22	0.026680189	0.00036	0.027322	0.03121	0.037188	0.044138
2009-4-13	2513.7	0.028029718	0.000383	0.028181	0.032191	0.038358	0.045527
2009-4-14	2527.18	0.005348285	0.00041	0.029158	0.033307	0.039687	0.047104
2009-4-15	2536.05	0.003503696	0.000383	0.028181	0.032191	0.038358	0.045527
2009-4-16	2534.13	-0.00075737	0.000357	0.027208	0.031079	0.037033	0.043954
2009-4-17	2503.93	-0.011988885	0.000332	0.026238	0.029972	0.035713	0.042387
2009-4-20	2557.45	0.021149171	0.000319	0.025719	0.029379	0.035007	0.041549
2009-4-21	2535.82	-0.008493612	0.000328	0.02608	0.02979	0.035497	0.042131
2009-4-22	2461.34	-0.029811139	0.00031	0.025354	0.028961	0.034509	0.040959
2009-4-23	2463.95	0.001059836	0.000351	0.026978	0.030817	0.036721	0.043583
2009-4-24	2448.59	-0.006253405	0.000326	0.026	0.029699	0.035389	0.042002
2009-4-27	2405.34	-0.017821083	0.000307	0.025231	0.028821	0.034342	0.04076
2009-4-28	2401.43	-0.001626872	0.000308	0.025272	0.028868	0.034398	0.040826
2009-4-29	2468.19	0.027420695	0.000287	0.024395	0.027866	0.033205	0.03941
2009-4-30	2477.56	0.003789116	0.000319	0.025719	0.029379	0.035007	0.041549
2009-5-4	2559.91	0.032697897	0.000298	0.024858	0.028395	0.033835	0.040158
2009-5-5	2567.33	0.002894347	0.000351	0.026978	0.030817	0.036721	0.043583
2009-5-6	2592.52	0.009763927	0.000327	0.02604	0.029745	0.035443	0.042067
2009-5-7	2597.44	0.001895969	0.000311	0.025395	0.029008	0.034565	0.041025
2009-5-8	2625.64	0.010798331	0.00029	0.024522	0.028012	0.033378	0.039615
2009-5-11	2579.74	-0.017636057	0.000278	0.02401	0.027426	0.03268	0.038787
2009-5-12	2618.17	0.014786982	0.000281	0.024139	0.027574	0.032856	0.038996
2009-5-13	2663.76	0.017263058	0.000277	0.023966	0.027377	0.032621	0.038717
2009-5-14	2639.88	-0.009005197	0.000279	0.024053	0.027475	0.032738	0.038857
2009-5-15	2645.26	0.002035898	0.000266	0.023486	0.026828	0.031967	0.037941
2009-5-18	2652.77	0.002835018	0.000248	0.022677	0.025904	0.030866	0.036635

2009-5-19	2676.68	0.008972844	0.000233	0.021981	0.025108	0.029918	0.035509
2009-5-20	2651.41	-0.009485647	0.000223	0.021504	0.024564	0.029269	0.034739
2009-5-21	2610.62	-0.015503833	0.000215	0.021115	0.024119	0.028739	0.03411
2009-5-22	2597.6	-0.004999799	0.000218	0.021261	0.024287	0.028939	0.034347
2009-5-25	2610.01	0.004766111	0.000206	0.020668	0.023609	0.028131	0.033389
2009-5-26	2588.57	-0.008248453	0.000195	0.020109	0.02297	0.02737	0.032485
2009-5-27	2632.93	0.016991695	0.000187	0.019692	0.022494	0.026803	0.031812
2009-6-1	2721.28	0.033005063	0.000196	0.02016	0.023029	0.02744	0.032568
2009-6-2	2724.3	0.001109157	0.000258	0.02313	0.026421	0.031482	0.037366
2009-6-3	2778.58	0.019728491	0.000241	0.022355	0.025536	0.030427	0.036114
2009-6-4	2767.24	-0.004089572	0.000252	0.022859	0.026112	0.031114	0.036929
2009-6-5	2753.89	-0.004835976	0.000237	0.022169	0.025323	0.030174	0.035813
2009-6-8	2768.33	0.005229793	0.000223	0.021504	0.024564	0.029269	0.034739
2009-6-9	2787.88	0.0070372	0.00021	0.020868	0.023837	0.028403	0.033711
2009-6-10	2816.24	0.010121212	0.0002	0.020365	0.023262	0.027719	0.032899
2009-6-11	2797.32	-0.006740846	0.000195	0.020109	0.02297	0.02737	0.032485
2009-6-12	2743.76	-0.019332573	0.000186	0.019639	0.022433	0.026731	0.031727
2009-6-15	2789.54	0.016547465	0.000201	0.020416	0.02332	0.027788	0.032981
2009-6-16	2776.02	-0.00485846	0.000207	0.020718	0.023666	0.028199	0.03347
2009-6-17	2810.12	0.01220894	0.000195	0.020109	0.02297	0.02737	0.032485
2009-6-18	2853.9	0.015459293	0.000193	0.020005	0.022852	0.027229	0.032318
2009-6-19	2880.49	0.009273939	0.000198	0.020263	0.023146	0.02758	0.032734
2009-6-22	2896.3	0.005473642	0.000191	0.019901	0.022733	0.027088	0.03215
2009-6-23	2892.69	-0.001247195	0.000181	0.019373	0.02213	0.026369	0.031297
2009-6-24	2922.29	0.01018069	0.000171	0.01883	0.02151	0.02563	0.03042
2009-6-25	2925.04	0.0009406	0.000167	0.018609	0.021257	0.025329	0.030062
2009-6-26	2928.21	0.001083159	0.000157	0.018043	0.020611	0.024559	0.029148
2009-6-29	2975.31	0.01595692	0.000148	0.017518	0.020011	0.023844	0.028301
2009-6-30	2959.36	-0.005375207	0.000157	0.018043	0.020611	0.024559	0.029148
2009-7-1	3008.15	0.016352243	0.00015	0.017636	0.020146	0.024005	0.028491
2009-7-2	3060.25	0.01717134	0.00016	0.018215	0.020807	0.024792	0.029426
2009-7-3	3088.36	0.009143594	0.000171	0.01883	0.02151	0.02563	0.03042
2009-7-6	3124.66	0.011685272	0.000166	0.018553	0.021193	0.025253	0.029972
2009-7-7	3089.45	-0.011332396	0.000166	0.018553	0.021193	0.025253	0.029972
2009-7-8	3080.77	-0.002813516	0.000165	0.018497	0.021129	0.025177	0.029882
2009-7-9	3123.03	0.013624119	0.000156	0.017986	0.020545	0.02448	0.029055
2009-7-10	3113.93	-0.00291809	0.00016	0.018215	0.020807	0.024792	0.029426
2009-7-13	3080.56	-0.010774195	0.000151	0.017695	0.020213	0.024085	0.028586
2009-7-14	3145.16	0.020753365	0.00015	0.017636	0.020146	0.024005	0.028491
2009-7-15	3188.55	0.013701505	0.000171	0.01883	0.02151	0.02563	0.03042
2009-7-16	3183.74	-0.001509662	0.000174	0.018995	0.021698	0.025854	0.030686
2009-7-17	3189.74	0.001882802	0.000164	0.018441	0.021065	0.0251	0.029791
2009-7-20	3266.92	0.023908236	0.000154	0.01787	0.020413	0.024323	0.028869
2009-7-21	3213.21	-0.016577208	0.000185	0.019586	0.022373	0.026659	0.031641
2009-7-22	3296.62	0.025627264	0.000193	0.020005	0.022852	0.027229	0.032318
2009-7-23	3328.49	0.009621047	0.000226	0.021648	0.024728	0.029465	0.034972
2009-7-24	3372.6	0.013165213	0.000217	0.021213	0.024231	0.028873	0.034269
2009-7-27	3435.21	0.018394099	0.000215	0.021115	0.024119	0.028739	0.03411
2009-7-28	3438.37	0.000919463	0.000225	0.0216	0.024674	0.0294	0.034895
2009-7-29	3266.43	-0.051299876	0.00021	0.020868	0.023837	0.028403	0.033711
2009-7-30	3321.56	0.016736907	0.00038	0.028071	0.032065	0.038207	0.045348

2009-7-31	3412.06	0.026881662	0.000372	0.027774	0.031726	0.037803	0.044868
2009-8-3	3462.59	0.014700649	0.000396	0.028656	0.032733	0.039004	0.046293
2009-8-4	3471.44	0.00255263	0.000382	0.028145	0.032149	0.038308	0.045467
2009-8-5	3428.5	-0.012446646	0.000356	0.02717	0.031036	0.036981	0.043893
2009-8-6	3356.33	-0.021274733	0.000342	0.02663	0.03042	0.036247	0.043021
2009-8-7	3260.69	-0.028909286	0.00035	0.02694	0.030773	0.036668	0.043521
2009-8-10	3249.76	-0.003357682	0.000383	0.028181	0.032191	0.038358	0.045527
2009-8-11	3264.73	0.004595917	0.000357	0.027208	0.031079	0.037033	0.043954
2009-8-12	3112.72	-0.047680122	0.000334	0.026317	0.030062	0.03582	0.042515
2009-8-13	3140.56	0.008904186	0.000469	0.031185	0.035623	0.042447	0.050379
2009-8-14	3046.97	-0.030253474	0.00044	0.030206	0.034504	0.041113	0.048797
2009-8-17	2870.63	-0.059616136	0.000472	0.031285	0.035736	0.042582	0.05054
2009-8-18	2910.88	0.013923923	0.000685	0.037688	0.043051	0.051298	0.060885
2009-8-19	2785.58	-0.043999331	0.000647	0.036628	0.04184	0.049855	0.059172
2009-8-20	2911.58	0.044239779	0.000734	0.039013	0.044564	0.053101	0.063025
2009-8-21	2960.77	0.01675348	0.000814	0.041084	0.04693	0.05592	0.066371
2009-8-24	2993.43	0.010970517	0.000772	0.04001	0.045703	0.054458	0.064636
2009-8-25	2915.8	-0.026275662	0.000722	0.038693	0.044199	0.052665	0.062508
2009-8-26	2967.6	0.017609321	0.000716	0.038532	0.044015	0.052446	0.062248
2009-8-27	2946.4	-0.007169459	0.000684	0.037661	0.04302	0.051261	0.060841
2009-8-28	2860.69	-0.029521232	0.000637	0.036344	0.041515	0.049468	0.058713
2009-8-31	2667.75	-0.069827434	0.00065	0.036713	0.041937	0.04997	0.059309
2009-9-1	2683.72	0.005968471	0.00094	0.04415	0.050432	0.060092	0.071323
2009-9-2	2714.97	0.011577012	0.000871	0.042498	0.048545	0.057845	0.068655
2009-9-3	2845.02	0.046789194	0.000815	0.041109	0.046959	0.055954	0.066412
2009-9-4	2861.61	0.005814306	0.000904	0.043296	0.049457	0.058931	0.069944
2009-9-7	2881.12	0.006794704	0.000838	0.041685	0.047617	0.056739	0.067342
2009-9-8	2930.48	0.016987125	0.000778	0.040165	0.045881	0.05467	0.064887
2009-9-9	2946.26	0.005370337	0.000739	0.039146	0.044716	0.053282	0.063239
2009-9-10	2924.88	-0.007283115	0.000686	0.037716	0.043083	0.051336	0.06093
2009-9-11	2989.79	0.021949697	0.000639	0.036401	0.041581	0.049546	0.058805
2009-9-14	3026.74	0.012282982	0.000624	0.035971	0.04109	0.048961	0.058111
2009-9-15	3033.73	0.002306753	0.000588	0.034918	0.039887	0.047527	0.05641
2009-9-16	2999.71	-0.011277268	0.000545	0.033617	0.038401	0.045757	0.054308
2009-9-17	3060.26	0.019984262	0.000514	0.032647	0.037292	0.044436	0.052741
2009-9-18	2962.67	-0.032408991	0.000504	0.032328	0.036928	0.044002	0.052225
2009-9-21	2967.01	0.001463823	0.000541	0.033494	0.038259	0.045588	0.054108
2009-9-22	2897.55	-0.023689159	0.000501	0.032232	0.036818	0.043871	0.05207
2009-9-23	2842.72	-0.019104212	0.000504	0.032328	0.036928	0.044002	0.052225
2009-9-24	2853.55	0.003802493	0.000493	0.031973	0.036523	0.043519	0.051652
2009-9-25	2838.84	-0.005168315	0.000458	0.030817	0.035202	0.041946	0.049785
2009-9-28	2763.53	-0.02688667	0.000427	0.029756	0.03399	0.040501	0.048071
2009-9-29	2754.54	-0.003258389	0.000447	0.030445	0.034777	0.041439	0.049184
2009-9-30	2779.43	0.008995411	0.000416	0.02937	0.03355	0.039976	0.047447
2009-10-9	2911.72	0.046498101	0.000391	0.028474	0.032526	0.038756	0.046
2009-10-12	2894.48	-0.005938497	0.000513	0.032615	0.037256	0.044393	0.05269
2009-10-13	2936.19	0.014307348	0.000478	0.031483	0.035963	0.042852	0.05086
2009-10-14	2970.53	0.011627566	0.000457	0.030784	0.035164	0.0419	0.049731
2009-10-15	2979.78	0.003109084	0.000433	0.029964	0.034228	0.040785	0.048407
2009-10-16	2976.63	-0.001057684	0.000403	0.028908	0.033021	0.039347	0.0467
2009-10-19	3038.27	0.020496486	0.000374	0.027848	0.031811	0.037905	0.044989

2009-10-20	3084.45	0.015085085	0.000377	0.02796	0.031938	0.038056	0.045169
2009-10-21	3070.58	-0.004506891	0.000366	0.027549	0.031469	0.037497	0.044505
2009-10-22	3051.41	-0.00626269	0.000342	0.02663	0.03042	0.036247	0.043021
2009-10-23	3107.84	0.018324172	0.000321	0.0258	0.029471	0.035116	0.041679
2009-10-26	3109.56	0.000553286	0.000322	0.02584	0.029517	0.035171	0.041744
2009-10-27	3021.45	-0.028744388	0.000299	0.0249	0.028443	0.033892	0.040225
2009-10-28	3031.32	0.00326132	0.000337	0.026435	0.030196	0.035981	0.042705
2009-10-29	2960.46	-0.023653507	0.000314	0.025517	0.029148	0.034731	0.041222
2009-10-30	2995.84	0.011879998	0.000331	0.026199	0.029926	0.035659	0.042323
2009-11-2	3076.64	0.026613433	0.000318	0.025679	0.029333	0.034952	0.041484
2009-11-3	3114.22	0.012140627	0.000345	0.026747	0.030553	0.036405	0.043209
2009-11-4	3128.53	0.004584526	0.000331	0.026199	0.029926	0.035659	0.042323
2009-11-5	3155.05	0.008441098	0.000309	0.025313	0.028915	0.034454	0.040893
2009-11-6	3164.03	0.002842188	0.000293	0.024649	0.028156	0.03355	0.03982
2009-11-9	3175.58	0.003643761	0.000274	0.023836	0.027228	0.032444	0.038507
2009-11-10	3178.61	0.000953701	0.000256	0.02304	0.026318	0.03136	0.037221
2009-11-11	3175.19	-0.001076521	0.000239	0.022262	0.02543	0.030301	0.035964
2009-11-12	3172.94	-0.00070887	0.000224	0.021552	0.024619	0.029335	0.034817
2009-11-13	3187.64	0.004622228	0.000209	0.020818	0.02378	0.028335	0.033631
2009-11-16	3275.04	0.027049252	0.000197	0.020211	0.023087	0.02751	0.032651
2009-11-17	3282.88	0.002391003	0.000235	0.022075	0.025216	0.030046	0.035662
2009-11-18	3303.23	0.006179692	0.00022	0.021359	0.024398	0.029071	0.034505
2009-11-19	3320.61	0.005247723	0.000209	0.020818	0.02378	0.028335	0.033631
2009-11-20	3308.34	-0.003701948	0.000197	0.020211	0.023087	0.02751	0.032651
2009-11-23	3338.66	0.009122976	0.000186	0.019639	0.022433	0.026731	0.031727
2009-11-24	3223.52	-0.035095599	0.00018	0.01932	0.022069	0.026296	0.031211
2009-11-25	3290.16	0.020462266	0.000255	0.022995	0.026267	0.031299	0.037148
2009-11-26	3170.98	-0.036895507	0.000267	0.02353	0.026878	0.032027	0.038012
2009-11-27	3096.26	-0.023845757	0.000344	0.026708	0.030508	0.036353	0.043146
2009-11-30	3195.3	0.031486049	0.00036	0.027322	0.03121	0.037188	0.044138
2009-12-1	3235.36	0.012459224	0.000403	0.028908	0.033021	0.039347	0.0467
2009-12-2	3269.75	0.010573325	0.000385	0.028255	0.032275	0.038458	0.045645
2009-12-3	3264.62	-0.001570159	0.000365	0.027511	0.031426	0.037446	0.044444
2009-12-4	3317.04	0.015929449	0.00034	0.026552	0.03033	0.036141	0.042895
2009-12-7	3331.89	0.004466892	0.000333	0.026278	0.030017	0.035767	0.042451
2009-12-8	3296.66	-0.010629876	0.000312	0.025435	0.029055	0.034621	0.041091
2009-12-9	3239.56	-0.017472317	0.000298	0.024858	0.028395	0.033835	0.040158
2009-12-10	3254.26	0.004527389	0.000299	0.0249	0.028443	0.033892	0.040225
2009-12-11	3247.31	-0.002137946	0.00028	0.024096	0.027524	0.032797	0.038926
2009-12-14	3302.9	0.016973909	0.000262	0.023308	0.026625	0.031725	0.037654
2009-12-15	3274.46	-0.0086479	0.000264	0.023397	0.026726	0.031846	0.037798
2009-12-16	3255.21	-0.00589618	0.000252	0.022859	0.026112	0.031114	0.036929
2009-12-17	3179.07	-0.023668089	0.000238	0.022215	0.025376	0.030237	0.035888
2009-12-18	3113.88	-0.020719164	0.000261	0.023264	0.026574	0.031665	0.037583
2009-12-21	3122.97	0.002914935	0.000274	0.023836	0.027228	0.032444	0.038507
2009-12-22	3050.52	-0.023472404	0.000256	0.02304	0.026318	0.03136	0.037221
2009-12-23	3073.77	0.007592753	0.000277	0.023966	0.027377	0.032621	0.038717
2009-12-24	3153.41	0.025579586	0.000263	0.023353	0.026676	0.031786	0.037726
2009-12-25	3141.35	-0.003831763	0.00029	0.024522	0.028012	0.033378	0.039615
2009-12-28	3188.78	0.014985755	0.000271	0.023705	0.027078	0.032266	0.038296
2009-12-29	3211.76	0.007180675	0.000269	0.023618	0.026978	0.032146	0.038154

2009-12-30	3262.6	0.01570535	0.000254	0.02295	0.026215	0.031237	0.037075
2009-12-31	3277.13	0.004443616	0.000254	0.02295	0.026215	0.031237	0.037075
2010-1-4	3243.76	-0.010234889	0.000239	0.022262	0.02543	0.030301	0.035964
2010-1-5	3282.17	0.011771638	0.00023	0.021839	0.024946	0.029725	0.03528
2010-1-6	3254.21	-0.008555246	0.000225	0.0216	0.024674	0.0294	0.034895
2010-1-7	3192.77	-0.019060664	0.000216	0.021164	0.024175	0.028806	0.034189
2010-1-8	3195.99	0.00100802	0.000227	0.021696	0.024783	0.02953	0.035049
2010-1-11	3212.75	0.005230369	0.000213	0.021016	0.024007	0.028605	0.033951
2010-1-12	3273.96	0.018872993	0.000201	0.020416	0.02332	0.027788	0.032981
2010-1-13	3172.65	-0.031433061	0.000213	0.021016	0.024007	0.028605	0.033951
2010-1-14	3215.55	0.013431215	0.000268	0.023574	0.026928	0.032087	0.038083
2010-1-15	3224.15	0.002670933	0.000262	0.023308	0.026625	0.031725	0.037654
2010-1-18	3237.09	0.004005428	0.000245	0.02254	0.025747	0.030679	0.036412
2010-1-19	3246.87	0.003016677	0.00023	0.021839	0.024946	0.029725	0.03528
2010-1-20	3151.85	-0.029701873	0.000216	0.021164	0.024175	0.028806	0.034189
2010-1-21	3158.86	0.002221621	0.000264	0.023397	0.026726	0.031846	0.037798
2010-1-22	3128.58	-0.009631976	0.000246	0.022586	0.025799	0.030741	0.036487
2010-1-25	3094.41	-0.01098197	0.000237	0.022169	0.025323	0.030174	0.035813
2010-1-26	3019.39	-0.024542434	0.00023	0.021839	0.024946	0.029725	0.03528
2010-1-27	2986.6	-0.010919208	0.000257	0.023085	0.02637	0.031421	0.037293
2010-1-28	2994.14	0.002521428	0.000248	0.022677	0.025904	0.030866	0.036635
2010-1-29	2989.29	-0.001621144	0.000232	0.021933	0.025054	0.029854	0.035433
2010-2-1	2941.36	-0.016163842	0.000218	0.021261	0.024287	0.028939	0.034347
2010-2-2	2934.71	-0.002263419	0.000222	0.021456	0.024508	0.029203	0.034661
2010-2-3	3003.83	0.0232795	0.000208	0.020768	0.023723	0.028268	0.03355
2010-2-4	2995.3	-0.002843748	0.000232	0.021933	0.025054	0.029854	0.035433
2010-2-5	2939.4	-0.018838915	0.000218	0.021261	0.024287	0.028939	0.034347
2010-2-8	2935.17	-0.001440106	0.000229	0.021791	0.024892	0.02966	0.035203
2010-2-9	2948.84	0.004646499	0.000214	0.021065	0.024063	0.028672	0.034031
2010-2-10	2982.5	0.011350002	0.000202	0.020466	0.023378	0.027857	0.033063
2010-2-11	2985.49	0.001002012	0.000198	0.020263	0.023146	0.02758	0.032734
2010-2-12	3018.13	0.010873547	0.000186	0.019639	0.022433	0.026731	0.031727
2010-2-22	3003.39	-0.004895784	0.000182	0.019427	0.022191	0.026442	0.031384
2010-2-23	2982.57	-0.006956306	0.000173	0.01894	0.021635	0.02578	0.030598
2010-2-24	3022.17	0.013189771	0.000166	0.018553	0.021193	0.025253	0.029972
2010-2-25	3060.61	0.012639126	0.000168	0.018665	0.02132	0.025405	0.030152
2010-2-26	3051.94	-0.002836789	0.000169	0.01872	0.021384	0.02548	0.030242
2010-3-1	3087.84	0.011694363	0.000159	0.018158	0.020741	0.024715	0.029334
2010-3-2	3073.1	-0.004784993	0.000159	0.018158	0.020741	0.024715	0.029334
2010-3-3	3097	0.007747077	0.000152	0.017754	0.02028	0.024165	0.028681
2010-3-4	3023.37	-0.024061798	0.000147	0.017459	0.019943	0.023764	0.028205
2010-3-5	3031.06	0.00254029	0.000179	0.019266	0.022007	0.026223	0.031124
2010-3-8	3053.23	0.007287653	0.000169	0.01872	0.021384	0.02548	0.030242
2010-3-9	3069.14	0.005197345	0.000162	0.018328	0.020936	0.024947	0.029609
2010-3-10	3048.92	-0.006609963	0.000155	0.017928	0.020479	0.024402	0.028962
2010-3-11	3051.28	0.000773745	0.000149	0.017577	0.020079	0.023925	0.028396
2010-3-12	3013.41	-0.012488847	0.00014	0.017038	0.019463	0.023191	0.027525
2010-3-15	2976.93	-0.01217976	0.000144	0.01728	0.019739	0.02352	0.027916
2010-3-16	2992.84	0.005330201	0.000146	0.0174	0.019875	0.023683	0.028109
2010-3-17	3050.47	0.019072908	0.00014	0.017038	0.019463	0.023191	0.027525
2010-3-18	3046.08	-0.001440159	0.000157	0.018043	0.020611	0.024559	0.029148

2010-3-19	3067.75	0.007088876	0.000148	0.017518	0.020011	0.023844	0.028301
2010-3-22	3074.57	0.00222066	0.000143	0.01722	0.01967	0.023438	0.027819
2010-3-23	3053.12	-0.007001036	0.000135	0.016731	0.019112	0.022773	0.027029
2010-3-24	3056.8	0.001204599	0.000131	0.016482	0.018827	0.022433	0.026626
2010-3-25	3019.17	-0.012386658	0.000124	0.016035	0.018317	0.021826	0.025905
2010-3-26	3059.71	0.013338181	0.000129	0.016355	0.018682	0.022261	0.026422
2010-3-29	3123.79	0.020726868	0.000134	0.016669	0.019041	0.022689	0.026929
2010-3-30	3128.46	0.001493862	0.000156	0.017986	0.020545	0.02448	0.029055
2010-3-31	3109.1	-0.006207575	0.000147	0.017459	0.019943	0.023764	0.028205
2010-4-1	3147.41	0.012246597	0.000142	0.01716	0.019601	0.023356	0.027721
2010-4-2	3157.95	0.00334319	0.000144	0.01728	0.019739	0.02352	0.027916
2010-4-6	3158.68	0.000231136	0.000137	0.016855	0.019253	0.022941	0.027229
2010-4-7	3148.22	-0.003317005	0.000129	0.016355	0.018682	0.022261	0.026422
2010-4-8	3118.7	-0.009420965	0.000123	0.01597	0.018243	0.021737	0.0258
2010-4-9	3145.34	0.008505744	0.000123	0.01597	0.018243	0.021737	0.0258
2010-4-12	3129.26	-0.005125438	0.000121	0.01584	0.018094	0.02156	0.025589
2010-4-13	3161.25	0.010170964	0.000117	0.015576	0.017792	0.021201	0.025163
2010-4-14	3166.18	0.001558295	0.000118	0.015642	0.017868	0.021291	0.02527
2010-4-15	3164.96	-0.000385397	0.000112	0.01524	0.017408	0.020743	0.024619
2010-4-16	3130.3	-0.011011571	0.000107	0.014895	0.017015	0.020274	0.024063
2010-4-19	2980.29	-0.049108235	0.00011	0.015103	0.017252	0.020557	0.024398
2010-4-20	2979.53	-0.000255041	0.000272	0.023749	0.027128	0.032325	0.038366
2010-4-21	3033.27	0.017875676	0.000254	0.02295	0.026215	0.031237	0.037075
2010-4-22	2999.48	-0.011202305	0.000259	0.023175	0.026472	0.031543	0.037438
2010-4-23	2983.53	-0.005331777	0.000251	0.022814	0.02606	0.031052	0.036856
2010-4-26	2969.5	-0.004713575	0.000236	0.022122	0.025269	0.03011	0.035737
2010-4-27	2907.92	-0.020955539	0.000223	0.021504	0.024564	0.029269	0.034739
2010-4-28	2900.33	-0.002613525	0.000239	0.022262	0.02543	0.030301	0.035964
2010-4-29	2868.43	-0.011059682	0.000224	0.021552	0.024619	0.029335	0.034817
2010-4-30	2870.61	0.000759709	0.000218	0.021261	0.024287	0.028939	0.034347
2010-5-4	2835.27	-0.01238738	0.000204	0.020567	0.023494	0.027994	0.033226
2010-5-5	2857.15	0.007687454	0.000202	0.020466	0.023378	0.027857	0.033063
2010-5-6	2739.7	-0.041976199	0.000193	0.020005	0.022852	0.027229	0.032318
2010-5-7	2688.38	-0.018909644	0.000304	0.025107	0.02868	0.034174	0.04056
2010-5-10	2698.75	0.003849921	0.000308	0.025272	0.028868	0.034398	0.040826
2010-5-11	2647.57	-0.019146465	0.000288	0.024438	0.027915	0.033262	0.039479
2010-5-12	2655.71	0.003069801	0.000294	0.024691	0.028204	0.033607	0.039888
2010-5-13	2710.5	0.020421081	0.000275	0.02388	0.027278	0.032503	0.038577
2010-5-14	2696.62	-0.005133983	0.000285	0.02431	0.027769	0.033089	0.039272
2010-5-17	2559.93	-0.052019223	0.000268	0.023574	0.026928	0.032087	0.038083
2010-5-18	2594.78	0.01352182	0.000438	0.030137	0.034425	0.04102	0.048686
2010-5-19	2587.8	-0.002693641	0.000419	0.029476	0.03367	0.04012	0.047618
2010-5-20	2555.94	-0.012388032	0.000389	0.028401	0.032442	0.038657	0.045882
2010-5-21	2583.52	0.010732748	0.000373	0.027811	0.031768	0.037854	0.044928
2010-5-24	2673.42	0.034205741	0.000354	0.027093	0.030949	0.036877	0.043769
2010-5-25	2622.63	-0.019180921	0.00041	0.029158	0.033307	0.039687	0.047104
2010-5-26	2623.59	0.000365978	0.000407	0.029051	0.033185	0.039542	0.046931
2010-5-27	2655.92	0.012247502	0.000378	0.027997	0.031981	0.038107	0.045228
2010-5-28	2655.77	-5.64792E-05	0.000361	0.02736	0.031253	0.03724	0.0442
2010-5-31	2592.15	-0.024246984	0.000336	0.026396	0.030152	0.035927	0.042642
2010-6-1	2568.28	-0.009251233	0.000354	0.027093	0.030949	0.036877	0.043769

2010-6-2	2571.42	0.001221861	0.000335	0.026356	0.030107	0.035874	0.042578
2010-6-3	2552.65	-0.00732624	0.000312	0.025435	0.029055	0.034621	0.041091
2010-6-4	2553.59	0.000368177	0.000294	0.024691	0.028204	0.033607	0.039888
2010-6-7	2511.72	-0.016532435	0.000274	0.023836	0.027228	0.032444	0.038507
2010-6-8	2513.94	0.000883466	0.000275	0.02388	0.027278	0.032503	0.038577
2010-6-9	2583.87	0.027437032	0.000257	0.023085	0.02637	0.031421	0.037293
2010-6-10	2562.58	-0.008273712	0.000291	0.024565	0.02806	0.033435	0.039684
2010-6-11	2569.94	0.002867989	0.000276	0.023923	0.027327	0.032562	0.038647
2010-6-17	2560.24	-0.003781548	0.000258	0.02313	0.026421	0.031482	0.037366
2010-6-18	2513.22	-0.018536205	0.000242	0.022401	0.025589	0.03049	0.036189
2010-6-21	2586.21	0.028628684	0.00025	0.022768	0.026008	0.03099	0.036782
2010-6-22	2588.69	0.000958473	0.00029	0.024522	0.028012	0.033378	0.039615
2010-6-23	2569.87	-0.007296642	0.000271	0.023705	0.027078	0.032266	0.038296
2010-6-24	2566.74	-0.001218703	0.000256	0.02304	0.026318	0.03136	0.037221
2010-6-25	2552.81	-0.005441898	0.000239	0.022262	0.02543	0.030301	0.035964
2010-6-28	2535.27	-0.006894573	0.000226	0.021648	0.024728	0.029465	0.034972
2010-6-29	2427.05	-0.043623612	0.000215	0.021115	0.024119	0.028739	0.03411
2010-6-30	2398.37	-0.011887188	0.000333	0.026278	0.030017	0.035767	0.042451
2010-7-1	2373.79	-0.010301506	0.00032	0.02576	0.029425	0.035062	0.041614
2010-7-2	2382.9	0.003830399	0.000306	0.02519	0.028774	0.034286	0.040694
2010-7-5	2363.94	-0.007988515	0.000286	0.024353	0.027818	0.033147	0.039341
2010-7-6	2409.42	0.019056336	0.000271	0.023705	0.027078	0.032266	0.038296
2010-7-7	2421.11	0.004840058	0.000278	0.02401	0.027426	0.03268	0.038787
2010-7-8	2415.15	-0.002464716	0.00026	0.023219	0.026523	0.031604	0.03751
2010-7-9	2470.92	0.022829154	0.000244	0.022494	0.025694	0.030616	0.036338
2010-7-12	2490.71	0.007977259	0.000263	0.023353	0.026676	0.031786	0.037726
2010-7-13	2450.28	-0.016365507	0.00025	0.022768	0.026008	0.03099	0.036782
2010-7-14	2470.44	0.008193969	0.000252	0.022859	0.026112	0.031114	0.036929
2010-7-15	2424.3	-0.01885345	0.00024	0.022308	0.025483	0.030364	0.036039
2010-7-16	2424.27	-1.23748E-05	0.000249	0.022723	0.025956	0.030928	0.036708
2010-7-19	2475.42	0.02087963	0.000233	0.021981	0.025108	0.029918	0.035509
2010-7-20	2528.73	0.021307122	0.000248	0.022677	0.025904	0.030866	0.036635
2010-7-21	2535.39	0.002630271	0.000263	0.023353	0.026676	0.031786	0.037726
2010-7-22	2562.4	0.010596848	0.000245	0.02254	0.025747	0.030679	0.036412
2010-7-23	2572.02	0.003747263	0.000237	0.022169	0.025323	0.030174	0.035813
2010-7-26	2588.68	0.006456511	0.000222	0.021456	0.024508	0.029203	0.034661
2010-7-27	2575.36	-0.005158763	0.000211	0.020917	0.023894	0.028471	0.033791
2010-7-28	2633.66	0.022385184	0.000199	0.020314	0.023204	0.027649	0.032817
2010-7-29	2648.11	0.005471664	0.000221	0.021407	0.024453	0.029137	0.034583
2010-7-30	2637.5	-0.004014679	0.000209	0.020818	0.02378	0.028335	0.033631
2010-8-2	2672.51	0.013186607	0.000197	0.020211	0.023087	0.02751	0.032651
2010-8-3	2627	-0.017175595	0.000197	0.020211	0.023087	0.02751	0.032651
2010-8-4	2638.52	0.004375643	0.000205	0.020618	0.023551	0.028063	0.033308
2010-8-5	2620.75	-0.006757618	0.000193	0.020005	0.022852	0.027229	0.032318
2010-8-6	2658.39	0.01426014	0.000185	0.019586	0.022373	0.026659	0.031641
2010-8-9	2672.53	0.005304913	0.000187	0.019692	0.022494	0.026803	0.031812
2010-8-10	2595.27	-0.029335032	0.000178	0.019212	0.021946	0.02615	0.031037
2010-8-11	2607.49	0.004697515	0.000227	0.021696	0.024783	0.02953	0.035049
2010-8-12	2575.47	-0.012356031	0.000214	0.021065	0.024063	0.028672	0.034031
2010-8-13	2606.7	0.012053012	0.000211	0.020917	0.023894	0.028471	0.033791
2010-8-16	2661.7	0.020879963	0.000207	0.020718	0.023666	0.028199	0.03347

2010-8-17	2671.89	0.003821071	0.000224	0.021552	0.024619	0.029335	0.034817
2010-8-18	2666.3	-0.002094344	0.000211	0.020917	0.023894	0.028471	0.033791
2010-8-19	2687.97	0.008094518	0.000198	0.020263	0.023146	0.02758	0.032734
2010-8-20	2642.3	-0.017136512	0.00019	0.019849	0.022673	0.027017	0.032066
2010-8-23	2639.36	-0.001113286	0.000199	0.020314	0.023204	0.027649	0.032817
2010-8-24	2650.3	0.004136378	0.000186	0.019639	0.022433	0.026731	0.031727
2010-8-25	2596.58	-0.020477647	0.000176	0.019104	0.021822	0.026002	0.030862
2010-8-26	2603.48	0.002653817	0.000195	0.020109	0.02297	0.02737	0.032485
2010-8-27	2610.74	0.002784694	0.000183	0.01948	0.022252	0.026514	0.03147
2010-8-30	2652.66	0.015929204	0.000172	0.018885	0.021573	0.025705	0.030509
2010-8-31	2638.79	-0.005242431	0.000179	0.019266	0.022007	0.026223	0.031124
2010-9-1	2622.88	-0.006047528	0.00017	0.018775	0.021447	0.025555	0.030331
2010-9-2	2655.77	0.012461681	0.000163	0.018385	0.021001	0.025024	0.0297
2010-9-3	2655.39	-0.000143095	0.000164	0.018441	0.021065	0.0251	0.029791
2010-9-6	2696.25	0.015270382	0.000154	0.01787	0.020413	0.024323	0.028869
2010-9-7	2698.36	0.000782262	0.000161	0.018272	0.020871	0.02487	0.029517
2010-9-8	2695.29	-0.001138376	0.000152	0.017754	0.02028	0.024165	0.028681
2010-9-9	2656.35	-0.014552805	0.000143	0.01722	0.01967	0.023438	0.027819
2010-9-10	2663.2	0.002575407	0.00015	0.017636	0.020146	0.024005	0.028491
2010-9-13	2688.32	0.009388056	0.000142	0.01716	0.019601	0.023356	0.027721
2010-9-14	2688.52	7.43931E-05	0.00014	0.017038	0.019463	0.023191	0.027525
2010-9-15	2652.5	-0.013488265	0.000132	0.016544	0.018898	0.022519	0.026727
2010-9-16	2602.46	-0.01904544	0.000138	0.016916	0.019323	0.023025	0.027328
2010-9-17	2598.68	-0.001453528	0.000156	0.017986	0.020545	0.02448	0.029055
2010-9-20	2588.71	-0.003843942	0.000147	0.017459	0.019943	0.023764	0.028205
2010-9-21	2591.55	0.00109647	0.00014	0.017038	0.019463	0.023191	0.027525
2010-9-27	2627.96	0.013951727	0.000132	0.016544	0.018898	0.022519	0.026727
2010-9-28	2611.35	-0.006340551	0.000138	0.016916	0.019323	0.023025	0.027328
2010-9-29	2610.67	-0.000260436	0.000133	0.016607	0.01897	0.022604	0.026828
2010-9-30	2655.65	0.017082552	0.000126	0.016164	0.018464	0.022001	0.026113
2010-10-8	2738.74	0.030808515	0.00014	0.017038	0.019463	0.023191	0.027525
2010-10-11	2806.94	0.024596961	0.000197	0.020211	0.023087	0.02751	0.032651
2010-10-12	2841.4	0.012201966	0.000226	0.021648	0.024728	0.029465	0.034972
2010-10-13	2861.36	0.007000148	0.000222	0.021456	0.024508	0.029203	0.034661
2010-10-14	2879.63	0.006364777	0.000211	0.020917	0.023894	0.028471	0.033791
2010-10-15	2971.16	0.031290635	0.0002	0.020365	0.023262	0.027719	0.032899
2010-10-18	2955.22	-0.005379351	0.000255	0.022995	0.026267	0.031299	0.037148
2010-10-19	3001.85	0.015655667	0.00024	0.022308	0.025483	0.030364	0.036039
2010-10-20	3003.95	0.000699324	0.000241	0.022355	0.025536	0.030427	0.036114
2010-10-21	2983.53	-0.006820926	0.000225	0.0216	0.024674	0.0294	0.034895
2010-10-22	2975.04	-0.002849679	0.000214	0.021065	0.024063	0.028672	0.034031
2010-10-25	3051.41	0.025346295	0.000201	0.020416	0.02332	0.027788	0.032981
2010-10-26	3041.54	-0.003239813	0.000233	0.021981	0.025108	0.029918	0.035509
2010-10-27	2997.04	-0.014738831	0.000218	0.021261	0.024287	0.028939	0.034347
2010-10-28	2992.57	-0.001492585	0.00022	0.021359	0.024398	0.029071	0.034505
2010-10-29	2978.83	-0.004601944	0.000206	0.020668	0.023609	0.028131	0.033389
2010-11-1	3054.02	0.02492815	0.000194	0.020057	0.022911	0.0273	0.032402
2010-11-2	3045.43	-0.002816649	0.000225	0.0216	0.024674	0.0294	0.034895
2010-11-3	3030.98	-0.004756107	0.000211	0.020917	0.023894	0.028471	0.033791
2010-11-4	3086.93	0.01829107	0.000199	0.020314	0.023204	0.027649	0.032817
2010-11-5	3129.49	0.013692982	0.00021	0.020868	0.023837	0.028403	0.033711



2010-11-8	3159.51	0.0095469	0.000209	0.020818	0.02378	0.028335	0.033631
2010-11-9	3135	-0.007787778	0.000202	0.020466	0.023378	0.027857	0.033063
2010-11-10	3115.35	-0.006287669	0.000194	0.020057	0.022911	0.0273	0.032402
2010-11-11	3147.74	0.01034323	0.000185	0.019586	0.022373	0.026659	0.031641
2010-11-12	2985.43	-0.052940945	0.000181	0.019373	0.02213	0.026369	0.031297
2010-11-15	3014.41	0.009660333	0.000364	0.027473	0.031383	0.037394	0.044383
2010-11-16	2894.53	-0.040581374	0.000345	0.026747	0.030553	0.036405	0.043209
2010-11-17	2838.85	-0.019423708	0.000436	0.030068	0.034347	0.040926	0.048575
2010-11-18	2865.45	0.009326365	0.000431	0.029895	0.034149	0.040691	0.048295
2010-11-19	2888.56	0.008032702	0.000406	0.029015	0.033144	0.039493	0.046874
2010-11-22	2884.37	-0.001451603	0.000381	0.028108	0.032107	0.038258	0.045408
2010-11-23	2828.28	-0.019637752	0.000355	0.027132	0.030992	0.036929	0.043831
2010-11-24	2859.93	0.011128396	0.000357	0.027208	0.031079	0.037033	0.043954
2010-11-25	2898.26	0.013313408	0.00034	0.026552	0.03033	0.036141	0.042895
2010-11-26	2871.69	-0.00920985	0.000329	0.026119	0.029836	0.035551	0.042195
2010-11-29	2866.35	-0.001861263	0.000312	0.025435	0.029055	0.034621	0.041091
2010-11-30	2820.18	-0.016238731	0.000291	0.024565	0.02806	0.033435	0.039684
2010-12-1	2823.44	0.001155287	0.00029	0.024522	0.028012	0.033378	0.039615
2010-12-2	2843.6	0.007114855	0.00027	0.023662	0.027028	0.032206	0.038225
2010-12-3	2842.43	-0.000411535	0.000255	0.022995	0.026267	0.031299	0.037148
2010-12-6	2857.17	0.005172304	0.000238	0.022215	0.025376	0.030237	0.035888
2010-12-7	2875.86	0.006520135	0.000225	0.0216	0.024674	0.0294	0.034895
2010-12-8	2848.54	-0.009545178	0.000213	0.021016	0.024007	0.028605	0.033951
2010-12-9	2810.94	-0.013287635	0.000206	0.020668	0.023609	0.028131	0.033389
2010-12-10	2841.04	0.010651235	0.000205	0.020618	0.023551	0.028063	0.033308
2010-12-13	2922.95	0.028423198	0.0002	0.020365	0.023262	0.027719	0.032899
2010-12-14	2927.07	0.001408542	0.000243	0.022447	0.025641	0.030553	0.036263
2010-12-15	2911.41	-0.005364423	0.000227	0.021696	0.024783	0.02953	0.035049
2010-12-16	2898.13	-0.004571799	0.000215	0.021115	0.024119	0.028739	0.03411
2010-12-17	2893.74	-0.001515918	0.000202	0.020466	0.023378	0.027857	0.033063
2010-12-20	2852.91	-0.014210257	0.00019	0.019849	0.022673	0.027017	0.032066
2010-12-21	2904.11	0.017787449	0.000192	0.019953	0.022792	0.027159	0.032234
2010-12-22	2877.9	-0.009066114	0.000202	0.020466	0.023378	0.027857	0.033063
2010-12-23	2855.22	-0.007911964	0.000195	0.020109	0.02297	0.02737	0.032485
2010-12-24	2835.15	-0.007054052	0.000188	0.019744	0.022554	0.026874	0.031897
2010-12-27	2781.4	-0.019140448	0.00018	0.01932	0.022069	0.026296	0.031211
2010-12-28	2732.99	-0.01755815	0.000194	0.020057	0.022911	0.0273	0.032402
2010-12-29	2751.52	0.006757238	0.000204	0.020567	0.023494	0.027994	0.033226
2010-12-30	2759.57	0.002921384	0.000194	0.020057	0.022911	0.0273	0.032402
2010-12-31	2808.07	0.017422544	0.000183	0.01948	0.022252	0.026514	0.03147
2011-1-4	2852.64	0.015747467	0.000192	0.019953	0.022792	0.027159	0.032234
2011-1-5	2838.59	-0.004937431	0.000197	0.020211	0.023087	0.02751	0.032651
2011-1-6	2824.19	-0.005085852	0.000187	0.019692	0.022494	0.026803	0.031812
2011-1-7	2838.8	0.00515983	0.000177	0.019158	0.021884	0.026076	0.030949
2011-1-10	2791.8	-0.016694879	0.000168	0.018665	0.02132	0.025405	0.030152
2011-1-11	2804.04	0.004374685	0.000178	0.019212	0.021946	0.02615	0.031037
2011-1-12	2821.3	0.006136537	0.000168	0.018665	0.02132	0.025405	0.030152
2011-1-13	2827.71	0.002269425	0.000161	0.018272	0.020871	0.02487	0.029517
2011-1-14	2791.34	-0.01294543	0.000152	0.017754	0.02028	0.024165	0.028681
2011-1-17	2706.66	-0.030806365	0.000155	0.017928	0.020479	0.024402	0.028962
2011-1-18	2708.97	0.000853086	0.000212	0.020967	0.02395	0.028538	0.033871

2011-1-19	2758.09	0.017969922	0.000199	0.020314	0.023204	0.027649	0.032817
2011-1-20	2677.65	-0.029598867	0.000208	0.020768	0.023723	0.028268	0.03355
2011-1-21	2715.29	0.013959217	0.000256	0.02304	0.026318	0.03136	0.037221
2011-1-24	2695.72	-0.007233432	0.000252	0.022859	0.026112	0.031114	0.036929
2011-1-25	2677.43	-0.006807951	0.00024	0.022308	0.025483	0.030364	0.036039
2011-1-26	2708.81	0.011652045	0.000227	0.021696	0.024783	0.02953	0.035049
2011-1-27	2749.15	0.014782349	0.000222	0.021456	0.024508	0.029203	0.034661
2011-1-28	2752.75	0.001308639	0.000222	0.021456	0.024508	0.029203	0.034661
2011-1-31	2790.69	0.013688465	0.000208	0.020768	0.023723	0.028268	0.03355
2011-2-1	2798.96	0.002959043	0.000208	0.020768	0.023723	0.028268	0.03355
2011-2-9	2774.06	-0.008935969	0.000195	0.020109	0.02297	0.02737	0.032485
2011-2-10	2818.16	0.015772239	0.000189	0.019797	0.022614	0.026946	0.031981
2011-2-11	2827.32	0.003245077	0.000194	0.020057	0.022911	0.0273	0.032402
2011-2-14	2899.13	0.025081425	0.000183	0.01948	0.022252	0.026514	0.03147
2011-2-15	2899.23	3.44925E-05	0.000215	0.021115	0.024119	0.028739	0.03411
2011-2-16	2923.89	0.008469737	0.000201	0.020416	0.02332	0.027788	0.032981
2011-2-17	2926.96	0.00104942	0.000193	0.020005	0.022852	0.027229	0.032318
2011-2-18	2899.79	-0.009326021	0.000181	0.019373	0.02213	0.026369	0.031297
2011-2-21	2932.24	0.011128315	0.000177	0.019158	0.021884	0.026076	0.030949
2011-2-22	2855.51	-0.026516175	0.000174	0.018995	0.021698	0.025854	0.030686
2011-2-23	2862.63	0.002490322	0.000213	0.021016	0.024007	0.028605	0.033951
2011-2-24	2878.6	0.005563282	0.0002	0.020365	0.023262	0.027719	0.032899
2011-2-25	2878.56	-1.38957E-05	0.000189	0.019797	0.022614	0.026946	0.031981
2011-2-28	2905.05	0.009160433	0.000178	0.019212	0.021946	0.02615	0.031037
2011-3-1	2918.92	0.004763083	0.000173	0.01894	0.021635	0.02578	0.030598
2011-3-2	2913.8	-0.001755614	0.000164	0.018441	0.021065	0.0251	0.029791
2011-3-3	2902.97	-0.00372372	0.000154	0.01787	0.020413	0.024323	0.028869
2011-3-4	2942.3	0.013457238	0.000146	0.0174	0.019875	0.023683	0.028109
2011-3-7	2996.21	0.018156568	0.000151	0.017695	0.020213	0.024085	0.028586
2011-3-8	2999.94	0.001244132	0.000165	0.018497	0.021129	0.025177	0.029882
2011-3-9	3002.15	0.00073641	0.000155	0.017928	0.020479	0.024402	0.028962
2011-3-10	2957.14	-0.015106114	0.000146	0.0174	0.019875	0.023683	0.028109
2011-3-11	2933.79	-0.007927483	0.000154	0.01787	0.020413	0.024323	0.028869
2011-3-14	2937.62	0.001304627	0.000149	0.017577	0.020079	0.023925	0.028396
2011-3-15	2896.25	-0.014182933	0.000141	0.017099	0.019532	0.023274	0.027623
2011-3-16	2930.8	0.011858627	0.000147	0.017459	0.019943	0.023764	0.028205
2011-3-17	2897.29	-0.011499606	0.000149	0.017577	0.020079	0.023925	0.028396
2011-3-18	2906.88	0.003304524	0.000149	0.017577	0.020079	0.023925	0.028396
2011-3-21	2909.13	0.000773726	0.000142	0.01716	0.019601	0.023356	0.027721
2011-3-22	2919.14	0.003434985	0.000134	0.016669	0.019041	0.022689	0.026929
2011-3-23	2948.47	0.009997339	0.000127	0.016228	0.018537	0.022088	0.026216
2011-3-24	2946.7	-0.000600492	0.000127	0.016228	0.018537	0.022088	0.026216
2011-3-25	2977.81	0.010502231	0.000121	0.01584	0.018094	0.02156	0.025589
2011-3-28	2984	0.002076551	0.000122	0.015905	0.018169	0.021649	0.025695
2011-3-29	2958.07	-0.008727654	0.000116	0.015509	0.017716	0.02111	0.025055
2011-3-30	2955.77	-0.000777836	0.000115	0.015442	0.01764	0.021019	0.024947
2011-3-31	2928.11	-0.009402029	0.00011	0.015103	0.017252	0.020557	0.024398
2011-4-1	2967.41	0.013332355	0.000111	0.015171	0.01733	0.02065	0.024509
2011-4-6	3001.36	0.011376001	0.000117	0.015576	0.017792	0.021201	0.025163
2011-4-7	3007.9	0.002176642	0.00012	0.015774	0.018019	0.021471	0.025483
2011-4-8	3030.02	0.007327059	0.000114	0.015375	0.017563	0.020927	0.024838

2011-4-11	3022.74	-0.002405515	0.000112	0.01524	0.017408	0.020743	0.024619
2011-4-12	3021.36	-0.000456644	0.000107	0.014895	0.017015	0.020274	0.024063
2011-4-13	3050.39	0.00956239	0.000102	0.014543	0.016613	0.019795	0.023494
2011-4-14	3042.63	-0.002547178	0.000103	0.014614	0.016694	0.019892	0.023609
2011-4-15	3050.52	0.002589795	9.91E-05	0.014335	0.016375	0.019512	0.023158
2011-4-18	3057.32	0.002226647	9.50E-05	0.014035	0.016033	0.019104	0.022674
2011-4-19	2999.04	-0.019246478	9.11E-05	0.013744	0.0157	0.018707	0.022204
2011-4-20	3007.03	0.002660643	0.000113	0.015307	0.017486	0.020835	0.024729
2011-4-21	3026.66	0.006506821	0.000108	0.014965	0.017094	0.020369	0.024176
2011-4-22	3010.51	-0.005350202	0.000106	0.014826	0.016935	0.020179	0.023951
2011-4-25	2964.95	-0.015249331	0.000103	0.014614	0.016694	0.019892	0.023609
2011-4-26	2938.98	-0.008797587	0.000114	0.015375	0.017563	0.020927	0.024838
2011-4-27	2925.4	-0.004631359	0.000114	0.015375	0.017563	0.020927	0.024838
2011-4-28	2887.04	-0.013199468	0.00011	0.015103	0.017252	0.020557	0.024398
2011-4-29	2911.51	0.008440091	0.000117	0.015576	0.017792	0.021201	0.025163
2011-5-3	2932.18	0.007074327	0.000116	0.015509	0.017716	0.02111	0.025055
2011-5-4	2866.01	-0.022825355	0.000113	0.015307	0.017486	0.020835	0.024729
2011-5-5	2872.4	0.002227099	0.000144	0.01728	0.019739	0.02352	0.027916
2011-5-6	2863.88	-0.002970568	0.000136	0.016793	0.019183	0.022857	0.027129
2011-5-9	2872.46	0.002991457	0.000129	0.016355	0.018682	0.022261	0.026422
2011-5-10	2890.63	0.006305666	0.000123	0.01597	0.018243	0.021737	0.0258
2011-5-11	2883.42	-0.002497382	0.000119	0.015709	0.017944	0.021381	0.025377
2011-5-12	2844.08	-0.013737449	0.000114	0.015375	0.017563	0.020927	0.024838
2011-5-13	2871.03	0.009431209	0.000121	0.01584	0.018094	0.02156	0.025589
2011-5-16	2849.06	-0.007681735	0.000121	0.01584	0.018094	0.02156	0.025589
2011-5-17	2852.77	0.001301337	0.000119	0.015709	0.017944	0.021381	0.025377
2011-5-18	2872.77	0.006986269	0.000113	0.015307	0.017486	0.020835	0.024729
2011-5-19	2859.57	-0.004605457	0.000111	0.015171	0.01733	0.02065	0.024509
2011-5-20	2858.45	-0.000391744	0.000107	0.014895	0.017015	0.020274	0.024063
2011-5-23	2774.56	-0.029787344	0.000102	0.014543	0.016613	0.019795	0.023494
2011-5-24	2767.05	-0.002710405	0.000159	0.018158	0.020741	0.024715	0.029334
2011-5-25	2741.74	-0.009189015	0.00015	0.017636	0.020146	0.024005	0.028491
2011-5-26	2736.52	-0.001905715	0.000148	0.017518	0.020011	0.023844	0.028301
2011-5-27	2709.94	-0.009760546	0.000139	0.016977	0.019393	0.023108	0.027427
2011-5-30	2706.36	-0.001321936	0.000139	0.016977	0.019393	0.023108	0.027427
2011-5-31	2743.47	0.013618984	0.000131	0.016482	0.018827	0.022433	0.026626
2011-6-1	2743.57	3.64495E-05	0.000137	0.016855	0.019253	0.022941	0.027229
2011-6-2	2705.18	-0.014091539	0.000129	0.016355	0.018682	0.022261	0.026422
2011-6-3	2728.02	0.008407618	0.000136	0.016793	0.019183	0.022857	0.027129
2011-6-7	2744.3	0.005949962	0.000134	0.016669	0.019041	0.022689	0.026929
2011-6-8	2750.28	0.002176691	0.000129	0.016355	0.018682	0.022261	0.026422
2011-6-9	2703.34	-0.017214679	0.000122	0.015905	0.018169	0.021649	0.025695
2011-6-10	2705.14	0.000665621	0.000137	0.016855	0.019253	0.022941	0.027229
2011-6-13	2700.37	-0.001764866	0.000129	0.016355	0.018682	0.022261	0.026422
2011-6-14	2730.04	0.01092746	0.000122	0.015905	0.018169	0.021649	0.025695
2011-6-15	2705.43	-0.009055397	0.000124	0.016035	0.018317	0.021826	0.025905
2011-6-16	2664.28	-0.015327012	0.000123	0.01597	0.018243	0.021737	0.0258
2011-6-17	2642.81	-0.008091107	0.000134	0.016669	0.019041	0.022689	0.026929
2011-6-20	2621.25	-0.008191442	0.000131	0.016482	0.018827	0.022433	0.026626
2011-6-21	2646.48	0.009579152	0.000129	0.016355	0.018682	0.022261	0.026422
2011-6-22	2649.32	0.001072548	0.000128	0.016292	0.01861	0.022175	0.026319

2011-6-23	2688.24	0.014583701	0.000121	0.01584	0.018094	0.02156	0.025589
2011-6-24	2746.21	0.021335075	0.00013	0.016419	0.018755	0.022347	0.026524
2011-6-27	2758.23	0.00436739	0.000154	0.01787	0.020413	0.024323	0.028869
2011-6-28	2759.2	0.000351613	0.000146	0.0174	0.019875	0.023683	0.028109
2011-6-29	2728.48	-0.011196105	0.000138	0.016916	0.019323	0.023025	0.027328
2011-6-30	2762.07	0.012235721	0.000139	0.016977	0.019393	0.023108	0.027427
2011-7-1	2759.36	-0.00098163	0.000142	0.01716	0.019601	0.023356	0.027721
2011-7-4	2812.81	0.019185215	0.000134	0.016669	0.019041	0.022689	0.026929
2011-7-5	2816.35	0.001257737	0.000152	0.017754	0.02028	0.024165	0.028681
2011-7-6	2810.47	-0.002089991	0.000143	0.01722	0.01967	0.023438	0.027819
2011-7-7	2794.26	-0.005784416	0.000136	0.016793	0.019183	0.022857	0.027129
2011-7-8	2797.77	0.001255358	0.000131	0.016482	0.018827	0.022433	0.026626
2011-7-11	2802.69	0.001756999	0.000124	0.016035	0.018317	0.021826	0.025905
2011-7-12	2754.58	-0.017314689	0.000117	0.015576	0.017792	0.021201	0.025163
2011-7-13	2795.47	0.014735269	0.000132	0.016544	0.018898	0.022519	0.026727
2011-7-14	2810.44	0.005340805	0.00014	0.017038	0.019463	0.023191	0.027525
2011-7-15	2820.17	0.003456112	0.000134	0.016669	0.019041	0.022689	0.026929
2011-7-18	2816.69	-0.00123473	0.000128	0.016292	0.01861	0.022175	0.026319
2011-7-19	2796.98	-0.007022173	0.000121	0.01584	0.018094	0.02156	0.025589
2011-7-20	2794.2	-0.000994423	0.000118	0.015642	0.017868	0.021291	0.02527
2011-7-21	2765.89	-0.010183376	0.000112	0.01524	0.017408	0.020743	0.024619
2011-7-22	2770.79	0.001770014	0.000114	0.015375	0.017563	0.020927	0.024838
2011-7-25	2688.75	-0.030056076	0.000109	0.015034	0.017173	0.020463	0.024287
2011-7-26	2703.03	0.005296964	0.000166	0.018553	0.021193	0.025253	0.029972
2011-7-27	2723.49	0.00754078	0.000158	0.018101	0.020676	0.024637	0.029241
2011-7-28	2708.78	-0.005415797	0.000153	0.017812	0.020346	0.024244	0.028775
2011-7-29	2701.73	-0.00260604	0.000146	0.0174	0.019875	0.023683	0.028109
2011-8-1	2703.78	0.000758485	0.000139	0.016977	0.019393	0.023108	0.027427
2011-8-2	2679.26	-0.009110157	0.000131	0.016482	0.018827	0.022433	0.026626
2011-8-3	2678.48	-0.000291168	0.00013	0.016419	0.018755	0.022347	0.026524
2011-8-4	2684.04	0.002073653	0.000123	0.01597	0.018243	0.021737	0.0258
2011-8-5	2626.42	-0.02170142	0.000117	0.015576	0.017792	0.021201	0.025163
2011-8-8	2526.82	-0.038660107	0.000144	0.01728	0.019739	0.02352	0.027916
2011-8-9	2526.07	-0.00029686	0.00024	0.022308	0.025483	0.030364	0.036039
2011-8-10	2549.18	0.009107003	0.000224	0.021552	0.024619	0.029335	0.034817
2011-8-11	2581.51	0.01260276	0.000215	0.021115	0.024119	0.028739	0.03411
2011-8-12	2593.17	0.004506566	0.000212	0.020967	0.02395	0.028538	0.033871
2011-8-15	2626.77	0.012873889	0.0002	0.020365	0.023262	0.027719	0.032899
2011-8-16	2608.17	-0.007106129	0.000199	0.020314	0.023204	0.027649	0.032817
2011-8-17	2601.26	-0.002652883	0.00019	0.019849	0.022673	0.027017	0.032066
2011-8-18	2559.47	-0.016195737	0.000179	0.019266	0.022007	0.026223	0.031124
2011-8-19	2534.36	-0.009859066	0.000186	0.019639	0.022433	0.026731	0.031727
2011-8-22	2515.86	-0.007326446	0.000182	0.019427	0.022191	0.026442	0.031384
2011-8-23	2554.02	0.015053895	0.000175	0.019049	0.02176	0.025928	0.030774
2011-8-24	2541.09	-0.005075466	0.00018	0.01932	0.022069	0.026296	0.031211
2011-8-25	2615.26	0.028770396	0.000171	0.01883	0.02151	0.02563	0.03042
2011-8-26	2612.19	-0.001174569	0.000217	0.021213	0.024231	0.028873	0.034269
2011-8-29	2576.41	-0.013791993	0.000203	0.020517	0.023436	0.027926	0.033145
2011-8-30	2566.59	-0.003818787	0.000204	0.020567	0.023494	0.027994	0.033226
2011-8-31	2567.34	0.000292174	0.000192	0.019953	0.022792	0.027159	0.032234
2011-9-1	2556.04	-0.004411158	0.00018	0.01932	0.022069	0.026296	0.031211

2011-9-2	2528.28	-0.010919956	0.000171	0.01883	0.02151	0.02563	0.03042
2011-9-5	2478.74	-0.019788863	0.000169	0.01872	0.021384	0.02548	0.030242
2011-9-6	2470.52	-0.003321712	0.000186	0.019639	0.022433	0.026731	0.031727
2011-9-7	2516.09	0.018277454	0.000176	0.019104	0.021822	0.026002	0.030862
2011-9-8	2498.94	-0.006839467	0.000188	0.019744	0.022554	0.026874	0.031897
2011-9-9	2497.75	-0.000476315	0.00018	0.01932	0.022069	0.026296	0.031211
2011-9-13	2471.3	-0.010645999	0.000169	0.01872	0.021384	0.02548	0.030242
2011-9-14	2484.83	0.005459919	0.000167	0.018609	0.021257	0.025329	0.030062
2011-9-15	2479.05	-0.002328824	0.000159	0.018158	0.020741	0.024715	0.029334
2011-9-16	2482.34	0.001326241	0.00015	0.017636	0.020146	0.024005	0.028491
2011-9-19	2437.79	-0.018109773	0.000142	0.01716	0.019601	0.023356	0.027721
2011-9-20	2447.76	0.004081429	0.000157	0.018043	0.020611	0.024559	0.029148
2011-9-21	2512.96	0.026288021	0.000149	0.017577	0.020079	0.023925	0.028396
2011-9-22	2443.06	-0.028209989	0.000188	0.019744	0.022554	0.026874	0.031897
2011-9-23	2433.16	-0.004060528	0.000232	0.021933	0.025054	0.029854	0.035433
2011-9-26	2393.18	-0.016567799	0.000218	0.021261	0.024287	0.028939	0.034347
2011-9-27	2415.05	0.009096965	0.000223	0.021504	0.024564	0.029269	0.034739
2011-9-28	2392.06	-0.009565071	0.000214	0.021065	0.024063	0.028672	0.034031
2011-9-29	2365.34	-0.011233145	0.000207	0.020718	0.023666	0.028199	0.03347
2011-9-30	2359.22	-0.002590719	0.000203	0.020517	0.023436	0.027926	0.033145
2011-10-10	2344.79	-0.00613521	0.000191	0.019901	0.022733	0.027088	0.03215
2011-10-11	2348.52	0.001589497	0.000182	0.019427	0.022191	0.026442	0.031384
2011-10-12	2420	0.029982198	0.000171	0.01883	0.02151	0.02563	0.03042
2011-10-13	2438.79	0.007734474	0.000222	0.021456	0.024508	0.029203	0.034661
2011-10-14	2431.37	-0.00304713	0.000212	0.020967	0.02395	0.028538	0.033871
2011-10-17	2440.4	0.003707076	0.000199	0.020314	0.023204	0.027649	0.032817
2011-10-18	2383.49	-0.02359616	0.000188	0.019744	0.022554	0.026874	0.031897
2011-10-19	2377.51	-0.002512079	0.000215	0.021115	0.024119	0.028739	0.03411
2011-10-20	2331.37	-0.019597644	0.000202	0.020466	0.023378	0.027857	0.033063
2011-10-21	2317.28	-0.006061994	0.000216	0.021164	0.024175	0.028806	0.034189
2011-10-24	2370.33	0.022635102	0.000205	0.020618	0.023551	0.028063	0.033308
2011-10-25	2409.67	0.016460623	0.000227	0.021696	0.024783	0.02953	0.035049
2011-10-26	2427.48	0.007363874	0.000231	0.021886	0.025	0.029789	0.035357
2011-10-27	2435.61	0.003343556	0.00022	0.021359	0.024398	0.029071	0.034505
2011-10-28	2473.41	0.015400527	0.000206	0.020668	0.023609	0.028131	0.033389
2011-10-31	2468.25	-0.002088368	0.000209	0.020818	0.02378	0.028335	0.033631
2011-11-1	2470.02	0.00071685	0.000197	0.020211	0.023087	0.02751	0.032651
2011-11-2	2504.11	0.013707134	0.000184	0.019533	0.022313	0.026587	0.031555
2011-11-3	2508.09	0.001588125	0.000186	0.019639	0.022433	0.026731	0.031727
2011-11-4	2528.29	0.008021678	0.000175	0.019049	0.02176	0.025928	0.030774
2011-11-7	2509.8	-0.007340116	0.000168	0.018665	0.02132	0.025405	0.030152
2011-11-8	2503.84	-0.002377515	0.000162	0.018328	0.020936	0.024947	0.029609
2011-11-9	2524.92	0.008383826	0.000153	0.017812	0.020346	0.024244	0.028775
2011-11-10	2479.54	-0.01813632	0.000149	0.017577	0.020079	0.023925	0.028396
2011-11-11	2481.08	0.00062089	0.000164	0.018441	0.021065	0.0251	0.029791
2011-11-14	2528.71	0.019015342	0.000154	0.01787	0.020413	0.024323	0.028869
2011-11-15	2529.76	0.000415145	0.00017	0.018775	0.021447	0.025555	0.030331
2011-11-16	2466.96	-0.025137813	0.00016	0.018215	0.020807	0.024792	0.029426
2011-11-17	2463.05	-0.001586204	0.000195	0.020109	0.02297	0.02737	0.032485
2011-11-18	2416.56	-0.019055378	0.000183	0.01948	0.022252	0.026514	0.03147
2011-11-21	2415.13	-0.000591925	0.000197	0.020211	0.023087	0.02751	0.032651

2011-11-22	2412.63	-0.001035677	0.000185	0.019586	0.022373	0.026659	0.031641
2011-11-23	2395.07	-0.007304981	0.000174	0.018995	0.021698	0.025854	0.030686
2011-11-24	2397.55	0.001034925	0.000167	0.018609	0.021257	0.025329	0.030062
2011-11-25	2380.22	-0.007254462	0.000157	0.018043	0.020611	0.024559	0.029148
2011-11-28	2383.03	0.001179867	0.000152	0.017754	0.02028	0.024165	0.028681
2011-11-29	2412.39	0.01224517	0.000143	0.01722	0.01967	0.023438	0.027819
2011-11-30	2333.41	-0.03328724	0.000145	0.01734	0.019807	0.023602	0.028012
2011-12-1	2386.86	0.022647978	0.000214	0.021065	0.024063	0.028672	0.034031
2011-12-2	2360.66	-0.011037454	0.000236	0.022122	0.025269	0.03011	0.035737
2011-12-5	2333.23	-0.011687667	0.000229	0.021791	0.024892	0.02966	0.035203
2011-12-6	2325.91	-0.003142213	0.000224	0.021552	0.024619	0.029335	0.034817
2011-12-7	2332.73	0.002927895	0.00021	0.020868	0.023837	0.028403	0.033711
2011-12-8	2329.82	-0.001248244	0.000197	0.020211	0.023087	0.02751	0.032651
2011-12-9	2315.27	-0.0062647	0.000185	0.019586	0.022373	0.026659	0.031641
2011-12-12	2291.55	-0.010297867	0.000177	0.019158	0.021884	0.026076	0.030949
2011-12-13	2248.59	-0.018925091	0.000174	0.018995	0.021698	0.025854	0.030686
2011-12-14	2228.53	-0.008961178	0.000188	0.019744	0.022554	0.026874	0.031897
2011-12-15	2180.9	-0.02160454	0.000182	0.019427	0.022191	0.026442	0.031384
2011-12-16	2224.84	0.019947367	0.000204	0.020567	0.023494	0.027994	0.033226
2011-12-19	2218.24	-0.002970914	0.000218	0.021261	0.024287	0.028939	0.034347
2011-12-20	2215.93	-0.001041909	0.000205	0.020618	0.023551	0.028063	0.033308
2011-12-21	2191.15	-0.01124566	0.000192	0.019953	0.022792	0.027159	0.032234
2011-12-22	2186.3	-0.002215903	0.000189	0.019797	0.022614	0.026946	0.031981
2011-12-23	2204.78	0.008417113	0.000178	0.019212	0.021946	0.02615	0.031037
2011-12-26	2190.11	-0.00667596	0.000172	0.018885	0.021573	0.025705	0.030509
2011-12-27	2166.21	-0.010972674	0.000165	0.018497	0.021129	0.025177	0.029882
2011-12-28	2170.01	0.001752679	0.000164	0.018441	0.021065	0.0251	0.029791
2011-12-29	2173.56	0.0016346	0.000154	0.01787	0.020413	0.024323	0.028869
2011-12-30	2199.42	0.011827313	0.000145	0.01734	0.019807	0.023602	0.028012