

Latitude: 47.215000  
Longitude: -1.554000  
Elevation: 13.000000  
Month, Chosen year

1,2009

2,201

3,2006

4,2009

5,2006

6,2006

7,2009

8,2012

9,2009

10,2009

11,2015

12,2013

Date&Time (UTC),Dry bulb temperature (deg. C),Relative Humidity (%), Global horizontal irradiance (W/m2) ,Direct (beam) normal Irradiance (W/m2),Diffuse horizontal irradiance (W/m2), Infrared radiation downwards (W/m2), Windspeed (m/s), Wind direction (deg.), Air pressure (Pa)

01/01/2009 00:00:00,7.23,86.63,0.00,-0.00,0.00,316.75,5.00,260,102302  
01/01/2009 01:00:00,6.70,86.19,0.00,-0.00,0.00,316.92,5.20,260,102302  
01/01/2009 02:00:00,6.18,85.75,0.00,-0.00,0.00,317.09,5.40,261,102302  
01/01/2009 03:00:00,5.65,85.31,0.00,-0.00,0.00,317.27,5.60,261,102292  
01/01/2009 04:00:00,5.12,84.87,0.00,-0.00,0.00,317.44,5.80,262,102282  
01/01/2009 05:00:00,4.59,84.43,0.00,-0.00,0.00,317.61,6.01,263,102272  
01/01/2009 06:00:00,4.06,83.98,0.00,-0.00,0.00,317.79,6.21,262,102302  
01/01/2009 07:00:00,3.53,83.54,0.00,-0.00,0.00,317.96,6.41,262,102332  
01/01/2009 08:00:00,4.72,84.25,0.00,0.00,0.00,332.65,5.72,261,102362  
01/01/2009 09:00:00,4.90,81.87,64.00,31.78,59.00,331.80,5.76,259,102355  
01/01/2009 10:00:00,5.07,79.48,101.00,15.62,97.00,330.95,5.80,258,102349  
01/01/2009 11:00:00,5.25,77.10,149.00,37.76,137.00,330.10,5.83,257,102342  
01/01/2009 12:00:00,5.71,76.92,241.00,245.32,158.00,326.52,5.73,256,102309  
01/01/2009 13:00:00,6.18,76.75,210.00,189.72,150.00,322.93,5.63,255,102276  
01/01/2009 14:00:00,6.64,76.57,208.00,462.30,91.00,319.35,5.53,255,102242  
01/01/2009 15:00:00,6.55,79.90,55.00,19.59,52.00,314.25,5.31,255,102256  
01/01/2009 16:00:00,6.45,83.22,0.00,0.00,0.00,309.15,5.10,256,102269  
01/01/2009 17:00:00,6.36,86.55,0.00,-0.00,0.00,304.05,4.88,256,102282  
01/01/2009 18:00:00,6.07,87.84,0.00,-0.00,0.00,304.12,4.90,255,102286  
01/01/2009 19:00:00,5.77,89.13,0.00,-0.00,0.00,304.18,4.91,255,102289  
01/01/2009 20:00:00,5.48,90.42,0.00,-0.00,0.00,304.25,4.92,254,102292  
01/01/2009 21:00:00,5.27,91.27,0.00,-0.00,0.00,300.15,4.90,253,102276  
01/01/2009 22:00:00,5.05,92.12,0.00,-0.00,0.00,296.05,4.88,251,102259  
01/01/2009 23:00:00,4.84,92.97,0.00,-0.00,0.00,291.95,4.86,250,102242  
02/01/2009 00:00:00,4.36,92.87,0.00,-0.00,0.00,283.58,5.00,250,102242  
02/01/2009 01:00:00,3.87,92.77,0.00,-0.00,0.00,275.22,5.14,250,102242  
02/01/2009 02:00:00,3.39,92.67,0.00,-0.00,0.00,266.85,5.28,250,102242  
02/01/2009 03:00:00,3.26,92.91,0.00,-0.00,0.00,265.65,5.19,249,102232  
02/01/2009 04:00:00,3.12,93.15,0.00,-0.00,0.00,264.45,5.09,248,102222  
02/01/2009 05:00:00,2.99,93.39,0.00,-0.00,0.00,263.25,4.99,246,102212

02/01/2009 06:00:00,2.99,93.32,0.00,-0.00,0.00,261.90,5.25,245,102232  
02/01/2009 07:00:00,3.00,93.26,0.00,-0.00,0.00,260.55,5.50,244,102252  
02/01/2009 08:00:00,3.00,93.19,0.00,0.00,0.00,259.20,5.75,242,102272  
02/01/2009 09:00:00,3.14,90.19,76.10,155.61,51.55,258.15,5.98,242,102269  
02/01/2009 10:00:00,3.27,87.20,82.00,3.89,81.00,257.10,6.21,241,102266  
02/01/2009 11:00:00,3.41,84.20,184.50,228.76,111.55,256.05,6.44,241,102262  
02/01/2009 12:00:00,3.83,83.33,92.00,0.00,92.00,255.80,6.54,240,102249  
02/01/2009 13:00:00,4.26,82.45,188.95,273.45,102.00,255.55,6.64,239,102236  
02/01/2009 14:00:00,4.69,81.58,38.00,0.00,38.00,255.30,6.74,238,102222  
02/01/2009 15:00:00,4.33,83.50,71.30,157.79,46.80,254.72,6.56,239,102232  
02/01/2009 16:00:00,3.98,85.41,0.00,0.00,0.00,254.13,6.38,240,102242  
02/01/2009 17:00:00,3.62,87.33,0.00,-0.00,0.00,253.55,6.19,242,102252  
02/01/2009 18:00:00,3.22,86.82,0.00,-0.00,0.00,254.53,6.26,242,102276  
02/01/2009 19:00:00,2.83,86.30,0.00,-0.00,0.00,255.52,6.33,243,102299  
02/01/2009 20:00:00,2.43,85.79,0.00,-0.00,0.00,256.50,6.40,244,102322  
02/01/2009 21:00:00,2.38,85.31,0.00,-0.00,0.00,256.83,6.50,244,102306  
02/01/2009 22:00:00,2.34,84.83,0.00,-0.00,0.00,257.17,6.60,244,102289  
02/01/2009 23:00:00,2.29,84.35,0.00,-0.00,0.00,257.50,6.70,244,102272  
03/01/2009 00:00:00,2.31,84.01,0.00,-0.00,0.00,253.72,6.89,244,102242  
03/01/2009 01:00:00,2.33,83.68,0.00,-0.00,0.00,249.93,7.07,244,102212  
03/01/2009 02:00:00,2.35,83.34,0.00,-0.00,0.00,246.15,7.26,244,102182  
03/01/2009 03:00:00,2.34,83.25,0.00,-0.00,0.00,249.03,7.20,244,102176  
03/01/2009 04:00:00,2.33,83.16,0.00,-0.00,0.00,251.92,7.14,244,102169  
03/01/2009 05:00:00,2.32,83.07,0.00,-0.00,0.00,254.80,7.09,244,102162  
03/01/2009 06:00:00,2.36,82.49,0.00,-0.00,0.00,253.58,7.20,243,102182  
03/01/2009 07:00:00,2.39,81.92,0.00,-0.00,0.00,252.37,7.30,242,102202  
03/01/2009 08:00:00,2.43,81.34,0.00,0.00,0.00,251.15,7.41,242,102222  
03/01/2009 09:00:00,2.61,78.45,73.15,143.06,50.50,251.83,7.59,242,102222  
03/01/2009 10:00:00,2.79,75.57,231.00,613.13,73.00,252.52,7.77,242,102222  
03/01/2009 11:00:00,2.97,72.68,180.65,211.65,112.90,253.20,7.94,242,102222  
03/01/2009 12:00:00,3.51,72.19,331.00,738.38,79.00,250.43,7.52,242,102186  
03/01/2009 13:00:00,4.05,71.71,184.25,255.31,102.60,247.67,7.09,241,102149  
03/01/2009 14:00:00,4.60,71.22,233.00,641.70,68.00,244.90,6.66,240,102112  
03/01/2009 15:00:00,4.31,75.50,73.05,155.85,48.50,243.72,6.46,240,102146  
03/01/2009 16:00:00,4.03,79.79,0.00,0.00,0.00,242.53,6.26,239,102179  
03/01/2009 17:00:00,3.74,84.07,0.00,-0.00,0.00,241.35,6.06,239,102212  
03/01/2009 18:00:00,3.34,85.76,0.00,-0.00,0.00,240.93,5.91,240,102246  
03/01/2009 19:00:00,2.93,87.45,0.00,-0.00,0.00,240.52,5.77,242,102279  
03/01/2009 20:00:00,2.53,89.14,0.00,-0.00,0.00,240.10,5.63,243,102312  
03/01/2009 21:00:00,2.31,89.81,0.00,-0.00,0.00,241.75,5.34,244,102315  
03/01/2009 22:00:00,2.09,90.49,0.00,-0.00,0.00,243.40,5.06,244,102319  
03/01/2009 23:00:00,1.87,91.16,0.00,-0.00,0.00,245.05,4.77,244,102322  
04/01/2009 00:00:00,1.67,90.77,0.00,-0.00,0.00,241.13,4.46,244,102325  
04/01/2009 01:00:00,1.46,90.37,0.00,-0.00,0.00,237.22,4.16,243,102329  
04/01/2009 02:00:00,1.26,89.98,0.00,-0.00,0.00,233.30,3.85,243,102332  
04/01/2009 03:00:00,1.10,90.57,0.00,-0.00,0.00,234.52,3.70,243,102322  
04/01/2009 04:00:00,0.94,91.17,0.00,-0.00,0.00,235.73,3.55,242,102312  
04/01/2009 05:00:00,0.79,91.76,0.00,-0.00,0.00,236.95,3.41,242,102302  
04/01/2009 06:00:00,0.83,91.24,0.00,-0.00,0.00,234.28,3.28,244,102315  
04/01/2009 07:00:00,0.88,90.73,0.00,-0.00,0.00,231.62,3.15,246,102329

04/01/2009 08:00:00,0.92,90.21,0.00,0.00,0.00,228.95,3.02,247,102342  
04/01/2009 09:00:00,1.21,85.58,66.00,107.86,48.85,229.10,2.81,245,102325  
04/01/2009 10:00:00,1.49,80.94,227.00,568.24,80.00,229.25,2.61,243,102309  
04/01/2009 11:00:00,1.78,76.31,151.35,164.26,98.55,229.40,2.40,241,102292  
04/01/2009 12:00:00,1.93,76.07,309.00,571.52,113.00,241.27,2.17,237,102246  
04/01/2009 13:00:00,2.09,75.82,148.15,182.90,89.30,253.13,1.94,232,102199  
04/01/2009 14:00:00,2.25,75.58,213.00,458.89,94.00,265.00,1.71,228,102152  
04/01/2009 15:00:00,2.14,81.26,65.95,124.77,46.00,263.47,2.24,221,102149  
04/01/2009 16:00:00,2.03,86.94,0.00,0.00,0.00,261.93,2.77,215,102146  
04/01/2009 17:00:00,1.92,92.62,0.00,-0.00,0.00,260.40,3.30,209,102142  
04/01/2009 18:00:00,1.80,91.90,0.00,-0.00,0.00,258.62,3.19,211,102139  
04/01/2009 19:00:00,1.67,91.19,0.00,-0.00,0.00,256.83,3.09,213,102136  
04/01/2009 20:00:00,1.55,90.47,0.00,-0.00,0.00,255.05,2.98,215,102132  
04/01/2009 21:00:00,1.62,89.33,0.00,-0.00,0.00,253.42,2.89,212,102102  
04/01/2009 22:00:00,1.68,88.19,0.00,-0.00,0.00,251.78,2.80,210,102073  
04/01/2009 23:00:00,1.75,87.05,0.00,-0.00,0.00,250.15,2.72,207,102043  
05/01/2009 00:00:00,1.70,87.08,0.00,-0.00,0.00,262.32,2.51,210,102003  
05/01/2009 01:00:00,1.64,87.12,0.00,-0.00,0.00,274.48,2.29,213,101963  
05/01/2009 02:00:00,1.59,87.15,0.00,-0.00,0.00,286.65,2.08,216,101923  
05/01/2009 03:00:00,1.72,88.79,0.00,-0.00,0.00,283.07,1.88,217,101883  
05/01/2009 04:00:00,1.85,90.43,0.00,-0.00,0.00,279.48,1.68,218,101843  
05/01/2009 05:00:00,1.99,92.07,0.00,-0.00,0.00,275.90,1.48,219,101803  
05/01/2009 06:00:00,2.35,92.56,0.00,-0.00,0.00,270.53,1.33,201,101793  
05/01/2009 07:00:00,2.72,93.04,0.00,-0.00,0.00,265.17,1.18,182,101783  
05/01/2009 08:00:00,3.08,93.53,0.00,0.00,0.00,259.80,1.03,164,101773  
05/01/2009 09:00:00,3.63,91.55,67.10,111.08,49.35,260.28,1.08,152,101756  
05/01/2009 10:00:00,4.17,89.58,66.00,0.00,66.00,260.77,1.13,140,101740  
05/01/2009 11:00:00,4.72,87.60,149.55,187.68,88.95,261.25,1.17,128,101723  
05/01/2009 12:00:00,5.13,91.29,75.00,0.00,75.00,270.28,1.39,127,101660  
05/01/2009 13:00:00,5.55,94.97,140.95,160.58,88.95,279.32,1.60,126,101597  
05/01/2009 14:00:00,5.96,98.66,34.00,0.00,34.00,288.35,1.82,125,101533  
05/01/2009 15:00:00,5.85,99.11,70.75,139.20,48.15,295.52,2.13,132,101540  
05/01/2009 16:00:00,5.75,99.55,0.00,0.00,0.00,302.68,2.44,139,101547  
05/01/2009 17:00:00,5.64,100.00,0.00,-0.00,0.00,309.85,2.74,146,101553  
05/01/2009 18:00:00,5.32,99.29,0.00,-0.00,0.00,310.92,2.81,162,101583  
05/01/2009 19:00:00,5.00,98.59,0.00,-0.00,0.00,311.98,2.88,178,101613  
05/01/2009 20:00:00,4.68,97.88,0.00,-0.00,0.00,313.05,2.95,194,101643  
05/01/2009 21:00:00,4.41,97.32,0.00,-0.00,0.00,305.07,3.51,201,101660  
05/01/2009 22:00:00,4.15,96.76,0.00,-0.00,0.00,297.08,4.06,208,101676  
05/01/2009 23:00:00,3.88,96.20,0.00,-0.00,0.00,289.10,4.62,215,101693  
06/01/2009 00:00:00,3.43,94.65,0.00,-0.00,0.00,294.27,4.95,219,101726  
06/01/2009 01:00:00,2.98,93.11,0.00,-0.00,0.00,299.43,5.27,222,101760  
06/01/2009 02:00:00,2.53,91.56,0.00,-0.00,0.00,304.60,5.60,226,101793  
06/01/2009 03:00:00,2.25,90.78,0.00,-0.00,0.00,309.50,5.84,227,101823  
06/01/2009 04:00:00,1.97,90.00,0.00,-0.00,0.00,314.40,6.08,228,101853  
06/01/2009 05:00:00,1.70,89.22,0.00,-0.00,0.00,319.30,6.32,230,101883  
06/01/2009 06:00:00,1.56,88.21,0.00,-0.00,0.00,314.17,6.48,230,101939  
06/01/2009 07:00:00,1.41,87.21,0.00,-0.00,0.00,309.03,6.65,230,101996  
06/01/2009 08:00:00,1.27,86.20,0.00,0.00,0.00,303.90,6.81,230,102053  
06/01/2009 09:00:00,1.23,82.85,68.15,120.09,48.85,297.42,6.85,229,102056

06/01/2009 10:00:00,1.19,79.49,34.00,0.00,34.00,290.93,6.88,227,102059  
06/01/2009 11:00:00,1.15,76.14,151.60,186.15,91.20,284.45,6.91,226,102063  
06/01/2009 12:00:00,1.52,71.86,304.00,519.31,124.00,271.97,6.83,223,102029  
06/01/2009 13:00:00,1.89,67.59,139.70,149.54,90.95,259.48,6.75,221,101996  
06/01/2009 14:00:00,2.26,63.31,231.00,571.90,80.00,247.00,6.68,218,101963  
06/01/2009 15:00:00,1.98,66.61,73.80,133.70,51.75,250.10,6.25,217,101993  
06/01/2009 16:00:00,1.70,69.91,0.00,0.00,0.00,253.20,5.82,217,102023  
06/01/2009 17:00:00,1.42,73.21,0.00,-0.00,0.00,256.30,5.39,216,102053  
06/01/2009 18:00:00,1.04,74.08,0.00,-0.00,0.00,261.33,5.31,218,102086  
06/01/2009 19:00:00,0.67,74.96,0.00,-0.00,0.00,266.37,5.23,219,102119  
06/01/2009 20:00:00,0.29,75.83,0.00,-0.00,0.00,271.40,5.14,221,102152  
06/01/2009 21:00:00,0.07,76.52,0.00,-0.00,0.00,273.82,5.02,220,102166  
06/01/2009 22:00:00,-0.16,77.21,0.00,-0.00,0.00,276.23,4.89,219,102179  
06/01/2009 23:00:00,-0.38,77.90,0.00,-0.00,0.00,278.65,4.76,218,102192  
07/01/2009 00:00:00,-0.54,78.43,0.00,-0.00,0.00,270.55,4.76,217,102199  
07/01/2009 01:00:00,-0.69,78.96,0.00,-0.00,0.00,262.45,4.77,217,102206  
07/01/2009 02:00:00,-0.85,79.49,0.00,-0.00,0.00,254.35,4.77,216,102212  
07/01/2009 03:00:00,-0.74,79.11,0.00,-0.00,0.00,253.23,4.86,216,102199  
07/01/2009 04:00:00,-0.64,78.73,0.00,-0.00,0.00,252.12,4.94,216,102186  
07/01/2009 05:00:00,-0.53,78.35,0.00,-0.00,0.00,251.00,5.02,216,102172  
07/01/2009 06:00:00,-0.38,76.63,0.00,-0.00,0.00,250.07,5.19,215,102216  
07/01/2009 07:00:00,-0.22,74.92,0.00,-0.00,0.00,249.13,5.36,214,102259  
07/01/2009 08:00:00,-0.07,73.20,0.00,0.00,0.00,248.20,5.53,213,102302  
07/01/2009 09:00:00,0.35,68.10,67.80,106.64,50.55,244.37,5.69,213,102296  
07/01/2009 10:00:00,0.76,63.00,229.00,560.17,82.00,240.53,5.84,213,102289  
07/01/2009 11:00:00,1.18,57.90,154.35,162.04,101.50,236.70,6.00,213,102282  
07/01/2009 12:00:00,1.62,58.77,239.00,206.52,167.00,233.60,6.04,211,102272  
07/01/2009 13:00:00,2.07,59.65,149.55,155.81,98.40,230.50,6.07,209,102262  
07/01/2009 14:00:00,2.51,60.52,240.00,626.53,73.00,227.40,6.11,207,102252  
07/01/2009 15:00:00,2.61,66.95,80.25,144.10,56.10,226.83,5.86,208,102276  
07/01/2009 16:00:00,2.70,73.38,0.00,0.00,0.00,226.27,5.61,209,102299  
07/01/2009 17:00:00,2.80,79.81,0.00,-0.00,0.00,225.70,5.37,210,102322  
07/01/2009 18:00:00,2.76,82.58,0.00,-0.00,0.00,227.20,5.31,212,102359  
07/01/2009 19:00:00,2.71,85.36,0.00,-0.00,0.00,228.70,5.26,214,102395  
07/01/2009 20:00:00,2.67,88.13,0.00,-0.00,0.00,230.20,5.20,216,102432  
07/01/2009 21:00:00,2.79,88.55,0.00,-0.00,0.00,235.07,5.41,217,102439  
07/01/2009 22:00:00,2.92,88.97,0.00,-0.00,0.00,239.93,5.61,218,102445  
07/01/2009 23:00:00,3.04,89.39,0.00,-0.00,0.00,244.80,5.82,220,102452  
08/01/2009 00:00:00,2.93,90.68,0.00,-0.00,0.00,242.37,5.97,221,102459  
08/01/2009 01:00:00,2.81,91.98,0.00,-0.00,0.00,239.93,6.11,222,102465  
08/01/2009 02:00:00,2.70,93.27,0.00,-0.00,0.00,237.50,6.26,222,102472  
08/01/2009 03:00:00,2.79,93.91,0.00,-0.00,0.00,242.78,6.36,223,102445  
08/01/2009 04:00:00,2.87,94.54,0.00,-0.00,0.00,248.07,6.46,224,102419  
08/01/2009 05:00:00,2.96,95.18,0.00,-0.00,0.00,253.35,6.57,225,102392  
08/01/2009 06:00:00,3.08,94.61,0.00,-0.00,0.00,256.87,6.72,227,102409  
08/01/2009 07:00:00,3.20,94.04,0.00,-0.00,0.00,260.38,6.87,229,102425  
08/01/2009 08:00:00,3.32,93.47,0.00,0.00,0.00,263.90,7.02,231,102442  
08/01/2009 09:00:00,3.44,87.17,69.45,114.17,50.85,262.37,7.32,233,102415  
08/01/2009 10:00:00,3.55,80.88,219.00,473.66,94.00,260.83,7.63,235,102389  
08/01/2009 11:00:00,3.67,74.58,152.20,147.42,103.85,259.30,7.93,237,102362

08/01/2009 12:00:00,3.67,70.96,322.00,610.11,108.00,265.25,7.70,241,102315  
08/01/2009 13:00:00,3.67,67.35,156.05,161.48,102.65,271.20,7.46,245,102269  
08/01/2009 14:00:00,3.67,63.73,244.00,642.73,71.00,277.15,7.23,248,102222  
08/01/2009 15:00:00,3.32,67.12,81.25,142.35,57.00,280.68,6.65,252,102246  
08/01/2009 16:00:00,2.98,70.51,1.00,24.40,0.00,284.22,6.08,257,102269  
08/01/2009 17:00:00,2.63,73.90,0.00,-0.00,0.00,287.75,5.50,261,102292  
08/01/2009 18:00:00,2.41,75.62,0.00,-0.00,0.00,276.63,5.03,266,102312  
08/01/2009 19:00:00,2.19,77.34,0.00,-0.00,0.00,265.52,4.55,272,102332  
08/01/2009 20:00:00,1.98,79.06,0.00,-0.00,0.00,254.40,4.07,278,102352  
08/01/2009 21:00:00,2.12,79.66,0.00,-0.00,0.00,248.43,3.73,280,102369  
08/01/2009 22:00:00,2.27,80.25,0.00,-0.00,0.00,242.47,3.40,282,102385  
08/01/2009 23:00:00,2.41,80.85,0.00,-0.00,0.00,236.50,3.06,283,102402  
09/01/2009 00:00:00,2.35,82.85,0.00,-0.00,0.00,237.58,2.99,282,102392  
09/01/2009 01:00:00,2.29,84.86,0.00,-0.00,0.00,238.67,2.91,281,102382  
09/01/2009 02:00:00,2.23,86.86,0.00,-0.00,0.00,239.75,2.84,280,102372  
09/01/2009 03:00:00,2.29,87.50,0.00,-0.00,0.00,237.73,2.83,278,102365  
09/01/2009 04:00:00,2.35,88.15,0.00,-0.00,0.00,235.72,2.82,276,102359  
09/01/2009 05:00:00,2.41,88.79,0.00,-0.00,0.00,233.70,2.81,274,102352  
09/01/2009 06:00:00,2.58,87.24,0.00,-0.00,0.00,234.02,2.93,271,102405  
09/01/2009 07:00:00,2.75,85.70,0.00,-0.00,0.00,234.33,3.05,268,102459  
09/01/2009 08:00:00,2.92,84.15,0.00,0.00,0.00,234.65,3.17,265,102512  
09/01/2009 09:00:00,3.38,78.40,68.45,83.44,54.75,236.27,3.30,261,102525  
09/01/2009 10:00:00,3.83,72.65,237.00,606.38,76.00,237.88,3.43,257,102538  
09/01/2009 11:00:00,4.29,66.90,149.90,134.13,105.65,239.50,3.56,254,102552  
09/01/2009 12:00:00,4.68,66.76,344.00,745.04,81.00,242.00,3.67,248,102509  
09/01/2009 13:00:00,5.07,66.62,151.50,128.15,108.80,244.50,3.79,243,102465  
09/01/2009 14:00:00,5.46,66.48,248.00,654.68,70.00,247.00,3.90,237,102422  
09/01/2009 15:00:00,5.30,72.89,81.70,120.37,60.85,249.33,3.91,237,102432  
09/01/2009 16:00:00,5.15,79.30,13.00,45.56,11.00,251.67,3.91,237,102442  
09/01/2009 17:00:00,4.99,85.71,0.00,-0.00,0.00,254.00,3.92,238,102452  
09/01/2009 18:00:00,4.66,86.99,0.00,-0.00,0.00,256.27,3.86,239,102482  
09/01/2009 19:00:00,4.32,88.27,0.00,-0.00,0.00,258.53,3.81,239,102512  
09/01/2009 20:00:00,3.99,89.55,0.00,-0.00,0.00,260.80,3.75,240,102542  
09/01/2009 21:00:00,3.81,90.00,0.00,-0.00,0.00,259.82,3.77,240,102548  
09/01/2009 22:00:00,3.64,90.44,0.00,-0.00,0.00,258.83,3.78,239,102555  
09/01/2009 23:00:00,3.46,90.89,0.00,-0.00,0.00,257.85,3.79,238,102562  
10/01/2009 00:00:00,3.25,87.25,0.00,-0.00,0.00,256.58,3.86,240,102538  
10/01/2009 01:00:00,3.04,83.60,0.00,-0.00,0.00,255.32,3.93,242,102515  
10/01/2009 02:00:00,2.83,79.96,0.00,-0.00,0.00,254.05,4.00,243,102492  
10/01/2009 03:00:00,2.84,80.40,0.00,-0.00,0.00,253.62,3.75,244,102489  
10/01/2009 04:00:00,2.84,80.84,0.00,-0.00,0.00,253.18,3.49,245,102485  
10/01/2009 05:00:00,2.85,81.28,0.00,-0.00,0.00,252.75,3.24,245,102482  
10/01/2009 06:00:00,3.02,79.99,0.00,-0.00,0.00,252.52,3.24,247,102509  
10/01/2009 07:00:00,3.19,78.71,0.00,-0.00,0.00,252.28,3.23,248,102535  
10/01/2009 08:00:00,3.36,77.42,0.00,0.00,0.00,252.05,3.23,249,102562  
10/01/2009 09:00:00,3.87,73.03,77.25,141.02,53.90,252.70,3.15,247,102585  
10/01/2009 10:00:00,4.37,68.63,240.00,617.44,75.00,253.35,3.07,245,102608  
10/01/2009 11:00:00,4.88,64.24,177.50,214.18,106.40,254.00,2.99,242,102632  
10/01/2009 12:00:00,5.41,64.86,343.00,720.39,87.00,255.15,2.96,249,102592  
10/01/2009 13:00:00,5.94,65.49,178.85,205.90,109.70,256.30,2.93,256,102552

10/01/2009 14:00:00,6.47,66.11,250.00,647.95,72.00,257.45,2.90,263,102512  
10/01/2009 15:00:00,6.34,73.64,83.00,122.61,61.40,257.65,3.17,262,102562  
10/01/2009 16:00:00,6.20,81.16,17.00,85.30,13.00,257.85,3.44,261,102612  
10/01/2009 17:00:00,6.07,88.69,0.00,-0.00,0.00,258.05,3.71,259,102662  
10/01/2009 18:00:00,5.91,90.69,0.00,-0.00,0.00,258.38,3.36,259,102705  
10/01/2009 19:00:00,5.74,92.68,0.00,-0.00,0.00,258.72,3.01,260,102748  
10/01/2009 20:00:00,5.58,94.68,0.00,-0.00,0.00,259.05,2.66,260,102791  
10/01/2009 21:00:00,5.61,96.33,0.00,-0.00,0.00,259.83,2.53,270,102801  
10/01/2009 22:00:00,5.64,97.97,0.00,-0.00,0.00,260.62,2.40,280,102811  
10/01/2009 23:00:00,5.67,99.62,0.00,-0.00,0.00,261.40,2.28,290,102821  
11/01/2009 00:00:00,6.05,99.75,0.00,-0.00,0.00,261.70,2.39,301,102835  
11/01/2009 01:00:00,6.44,99.87,0.00,-0.00,0.00,262.00,2.51,312,102848  
11/01/2009 02:00:00,6.82,100.00,0.00,-0.00,0.00,262.30,2.62,323,102861  
11/01/2009 03:00:00,6.97,100.00,0.00,-0.00,0.00,263.02,2.80,329,102848  
11/01/2009 04:00:00,7.11,100.00,0.00,-0.00,0.00,263.73,2.97,335,102835  
11/01/2009 05:00:00,7.26,100.00,0.00,-0.00,0.00,264.45,3.14,340,102821  
11/01/2009 06:00:00,7.50,100.00,0.00,-0.00,0.00,264.62,3.00,346,102848  
11/01/2009 07:00:00,7.73,100.00,0.00,-0.00,0.00,264.78,2.85,352,102875  
11/01/2009 08:00:00,7.97,100.00,0.00,0.00,0.00,264.95,2.70,358,102901  
11/01/2009 09:00:00,8.41,97.29,82.80,157.69,56.45,265.65,3.03,6,102901  
11/01/2009 10:00:00,8.84,94.57,161.00,137.51,124.00,266.35,3.36,14,102901  
11/01/2009 11:00:00,9.28,91.86,195.15,230.00,118.30,267.05,3.68,22,102901  
11/01/2009 12:00:00,9.25,92.73,281.00,346.53,157.00,265.87,3.34,17,102855  
11/01/2009 13:00:00,9.23,93.60,173.75,195.97,107.40,264.68,2.99,12,102808  
11/01/2009 14:00:00,9.21,94.47,244.00,572.69,85.00,263.50,2.65,7,102761  
11/01/2009 15:00:00,9.04,96.31,79.40,102.95,60.95,263.10,2.92,2,102755  
11/01/2009 16:00:00,8.86,98.16,14.00,20.01,13.00,262.70,3.20,358,102748  
11/01/2009 17:00:00,8.69,100.00,0.00,-0.00,0.00,262.30,3.48,354,102742  
11/01/2009 18:00:00,8.64,100.00,0.00,-0.00,0.00,261.92,3.55,358,102738  
11/01/2009 19:00:00,8.59,100.00,0.00,-0.00,0.00,261.53,3.63,2,102735  
11/01/2009 20:00:00,8.54,100.00,0.00,-0.00,0.00,261.15,3.71,6,102732  
11/01/2009 21:00:00,8.61,100.00,0.00,-0.00,0.00,261.50,3.80,8,102688  
11/01/2009 22:00:00,8.67,100.00,0.00,-0.00,0.00,261.85,3.89,10,102645  
11/01/2009 23:00:00,8.74,100.00,0.00,-0.00,0.00,262.20,3.97,12,102602  
12/01/2009 00:00:00,8.78,100.00,0.00,-0.00,0.00,265.00,4.08,10,102538  
12/01/2009 01:00:00,8.83,100.00,0.00,-0.00,0.00,267.80,4.18,8,102475  
12/01/2009 02:00:00,8.87,100.00,0.00,-0.00,0.00,270.60,4.29,6,102412  
12/01/2009 03:00:00,8.82,100.00,0.00,-0.00,0.00,273.62,4.30,7,102375  
12/01/2009 04:00:00,8.77,100.00,0.00,-0.00,0.00,276.63,4.32,8,102339  
12/01/2009 05:00:00,8.73,100.00,0.00,-0.00,0.00,279.65,4.33,9,102302  
12/01/2009 06:00:00,8.85,100.00,0.00,-0.00,0.00,278.48,4.53,8,102289  
12/01/2009 07:00:00,8.97,100.00,0.00,-0.00,0.00,277.32,4.73,7,102276  
12/01/2009 08:00:00,9.09,100.00,0.00,0.00,0.00,276.15,4.92,6,102262  
12/01/2009 09:00:00,9.33,97.31,90.00,106.68,72.00,275.88,5.48,8,102209  
12/01/2009 10:00:00,9.58,94.63,105.00,14.76,101.00,275.62,6.03,10,102156  
12/01/2009 11:00:00,9.82,91.94,143.00,20.81,136.00,275.35,6.58,12,102102  
12/01/2009 12:00:00,9.96,90.88,122.00,2.77,121.00,275.35,6.46,14,102016  
12/01/2009 13:00:00,10.10,89.82,142.00,17.57,136.00,275.35,6.33,16,101929  
12/01/2009 14:00:00,10.24,88.76,74.00,0.00,74.00,275.35,6.21,17,101843  
12/01/2009 15:00:00,10.16,91.24,33.00,0.00,33.00,276.67,5.89,17,101840

12/01/2009 16:00:00,10.07,93.73,2.00,0.00,2.00,277.98,5.57,17,101836  
12/01/2009 17:00:00,9.99,96.21,0.00,-0.00,0.00,279.30,5.26,17,101833  
12/01/2009 18:00:00,9.83,97.47,0.00,-0.00,0.00,284.87,5.21,15,101806  
12/01/2009 19:00:00,9.68,98.74,0.00,-0.00,0.00,290.43,5.17,14,101780  
12/01/2009 20:00:00,9.52,100.00,0.00,-0.00,0.00,296.00,5.13,13,101753  
12/01/2009 21:00:00,9.37,100.00,0.00,-0.00,0.00,299.28,5.11,11,101693  
12/01/2009 22:00:00,9.22,100.00,0.00,-0.00,0.00,302.57,5.09,9,101633  
12/01/2009 23:00:00,9.07,100.00,0.00,-0.00,0.00,305.85,5.06,7,101573  
13/01/2009 00:00:00,9.06,100.00,0.00,-0.00,0.00,307.53,4.99,13,101510  
13/01/2009 01:00:00,9.05,100.00,0.00,-0.00,0.00,309.22,4.91,19,101447  
13/01/2009 02:00:00,9.04,100.00,0.00,-0.00,0.00,310.90,4.84,25,101384  
13/01/2009 03:00:00,8.96,100.00,0.00,-0.00,0.00,315.48,4.60,26,101337  
13/01/2009 04:00:00,8.87,100.00,0.00,-0.00,0.00,320.07,4.35,27,101290  
13/01/2009 05:00:00,8.79,100.00,0.00,-0.00,0.00,324.65,4.11,27,101244  
13/01/2009 06:00:00,9.00,100.00,0.00,-0.00,0.00,328.63,4.25,24,101247  
13/01/2009 07:00:00,9.21,100.00,0.00,-0.00,0.00,332.62,4.39,20,101250  
13/01/2009 08:00:00,9.42,100.00,0.00,0.00,0.00,336.60,4.52,17,101254  
13/01/2009 09:00:00,9.66,100.00,52.00,5.87,51.00,336.25,4.68,20,101250  
13/01/2009 10:00:00,9.89,100.00,26.00,0.00,26.00,335.90,4.83,23,101247  
13/01/2009 11:00:00,10.13,100.00,93.00,0.00,93.00,335.55,4.98,26,101244  
13/01/2009 12:00:00,10.02,100.00,151.00,16.52,145.00,333.47,4.01,39,101237  
13/01/2009 13:00:00,9.92,100.00,135.00,11.62,131.00,331.38,3.04,53,101230  
13/01/2009 14:00:00,9.82,100.00,144.00,63.43,126.00,329.30,2.07,66,101224  
13/01/2009 15:00:00,9.67,100.00,97.00,97.00,79.00,319.08,2.60,79,101294  
13/01/2009 16:00:00,9.53,100.00,3.00,0.00,3.00,308.87,3.14,91,101364  
13/01/2009 17:00:00,9.38,100.00,0.00,-0.00,0.00,298.65,3.67,103,101434  
13/01/2009 18:00:00,9.17,99.53,0.00,-0.00,0.00,295.25,3.50,115,101493  
13/01/2009 19:00:00,8.96,99.06,0.00,-0.00,0.00,291.85,3.34,127,101553  
13/01/2009 20:00:00,8.75,98.59,0.00,-0.00,0.00,288.45,3.17,139,101613  
13/01/2009 21:00:00,8.73,99.06,0.00,-0.00,0.00,288.05,2.99,136,101620  
13/01/2009 22:00:00,8.70,99.53,0.00,-0.00,0.00,287.65,2.81,133,101627  
13/01/2009 23:00:00,8.68,100.00,0.00,-0.00,0.00,287.25,2.63,130,101633  
14/01/2009 00:00:00,8.88,100.00,0.00,-0.00,0.00,286.18,2.76,116,101623  
14/01/2009 01:00:00,9.07,100.00,0.00,-0.00,0.00,285.12,2.88,103,101613  
14/01/2009 02:00:00,9.27,100.00,0.00,-0.00,0.00,284.05,3.01,90,101603  
14/01/2009 03:00:00,9.16,100.00,0.00,-0.00,0.00,288.98,3.01,89,101600  
14/01/2009 04:00:00,9.04,100.00,0.00,-0.00,0.00,293.92,3.02,88,101597  
14/01/2009 05:00:00,8.93,100.00,0.00,-0.00,0.00,298.85,3.02,87,101593  
14/01/2009 06:00:00,8.97,100.00,0.00,-0.00,0.00,302.20,2.88,85,101617  
14/01/2009 07:00:00,9.02,100.00,0.00,-0.00,0.00,305.55,2.74,83,101640  
14/01/2009 08:00:00,9.06,100.00,0.00,0.00,0.00,308.90,2.59,81,101663  
14/01/2009 09:00:00,9.32,99.61,82.00,63.83,71.00,307.22,2.86,76,101657  
14/01/2009 10:00:00,9.58,99.23,151.00,90.81,126.00,305.53,3.12,70,101650  
14/01/2009 11:00:00,9.84,98.84,163.00,41.02,149.00,303.85,3.38,64,101643  
14/01/2009 12:00:00,10.00,98.36,194.00,65.59,170.00,303.27,3.33,65,101590  
14/01/2009 13:00:00,10.16,97.88,181.00,63.33,159.00,302.68,3.29,66,101537  
14/01/2009 14:00:00,10.33,97.40,105.00,6.97,103.00,302.10,3.24,67,101483  
14/01/2009 15:00:00,10.14,98.27,158.00,555.93,53.00,296.52,3.24,51,101480  
14/01/2009 16:00:00,9.94,99.13,27.00,134.01,19.00,290.93,3.24,35,101477  
14/01/2009 17:00:00,9.75,100.00,0.00,-0.00,0.00,285.35,3.24,19,101473

14/01/2009 18:00:00,9.53,100.00,0.00,-0.00,0.00,284.90,3.17,9,101467  
14/01/2009 19:00:00,9.31,100.00,0.00,-0.00,0.00,284.45,3.10,358,101460  
14/01/2009 20:00:00,9.10,100.00,0.00,-0.00,0.00,284.00,3.03,348,101453  
14/01/2009 21:00:00,8.98,100.00,0.00,-0.00,0.00,286.43,3.45,345,101430  
14/01/2009 22:00:00,8.86,100.00,0.00,-0.00,0.00,288.87,3.86,343,101407  
14/01/2009 23:00:00,8.74,100.00,0.00,-0.00,0.00,291.30,4.28,340,101384  
15/01/2009 00:00:00,8.44,100.00,0.00,-0.00,0.00,295.15,4.67,333,101347  
15/01/2009 01:00:00,8.14,100.00,0.00,-0.00,0.00,299.00,5.06,327,101310  
15/01/2009 02:00:00,7.84,100.00,0.00,-0.00,0.00,302.85,5.45,320,101274  
15/01/2009 03:00:00,7.70,100.00,0.00,-0.00,0.00,305.08,5.40,319,101250  
15/01/2009 04:00:00,7.55,100.00,0.00,-0.00,0.00,307.32,5.35,317,101227  
15/01/2009 05:00:00,7.41,100.00,0.00,-0.00,0.00,309.55,5.30,315,101204  
15/01/2009 06:00:00,7.36,100.00,0.00,-0.00,0.00,309.65,5.41,314,101207  
15/01/2009 07:00:00,7.32,100.00,0.00,-0.00,0.00,309.75,5.52,312,101211  
15/01/2009 08:00:00,7.27,100.00,8.00,0.00,8.00,309.85,5.63,311,101214  
15/01/2009 09:00:00,7.39,98.85,58.00,5.74,57.00,300.90,5.69,313,101207  
15/01/2009 10:00:00,7.50,97.70,115.00,21.61,109.00,291.95,5.75,315,101201  
15/01/2009 11:00:00,7.62,96.55,193.00,90.13,162.00,283.00,5.81,317,101194  
15/01/2009 12:00:00,8.10,91.96,309.00,439.23,147.00,276.77,5.48,320,101161  
15/01/2009 13:00:00,8.58,87.37,236.00,194.00,168.00,270.53,5.15,323,101127  
15/01/2009 14:00:00,9.06,82.78,270.00,682.04,72.00,264.30,4.83,327,101094  
15/01/2009 15:00:00,9.13,86.78,133.00,286.06,78.00,267.33,4.23,329,101151  
15/01/2009 16:00:00,9.21,90.78,24.00,63.40,20.00,270.37,3.63,331,101207  
15/01/2009 17:00:00,9.28,94.78,0.00,-0.00,0.00,273.40,3.03,334,101264  
15/01/2009 18:00:00,9.24,96.52,0.00,-0.00,0.00,277.37,2.98,338,101290  
15/01/2009 19:00:00,9.20,98.26,0.00,-0.00,0.00,281.33,2.93,341,101317  
15/01/2009 20:00:00,9.17,100.00,0.00,-0.00,0.00,285.30,2.88,345,101344  
15/01/2009 21:00:00,9.27,100.00,0.00,-0.00,0.00,290.62,2.78,349,101364  
15/01/2009 22:00:00,9.38,100.00,0.00,-0.00,0.00,295.93,2.67,352,101384  
15/01/2009 23:00:00,9.48,100.00,0.00,-0.00,0.00,301.25,2.57,356,101404  
16/01/2009 00:00:00,9.46,100.00,0.00,-0.00,0.00,303.70,2.53,358,101430  
16/01/2009 01:00:00,9.44,100.00,0.00,-0.00,0.00,306.15,2.49,0,101457  
16/01/2009 02:00:00,9.42,100.00,0.00,-0.00,0.00,308.60,2.46,3,101483  
16/01/2009 03:00:00,9.38,100.00,0.00,-0.00,0.00,307.40,2.39,5,101507  
16/01/2009 04:00:00,9.34,100.00,0.00,-0.00,0.00,306.20,2.32,8,101530  
16/01/2009 05:00:00,9.30,100.00,0.00,-0.00,0.00,305.00,2.25,10,101553  
16/01/2009 06:00:00,9.40,100.00,0.00,-0.00,0.00,305.55,2.25,14,101620  
16/01/2009 07:00:00,9.49,100.00,0.00,-0.00,0.00,306.10,2.26,19,101686  
16/01/2009 08:00:00,9.59,100.00,13.00,46.62,11.00,306.65,2.26,23,101753  
16/01/2009 09:00:00,9.82,95.59,23.00,0.00,23.00,304.67,2.68,23,101770  
16/01/2009 10:00:00,10.04,91.17,140.00,60.71,123.00,302.68,3.09,23,101786  
16/01/2009 11:00:00,10.27,86.76,114.00,2.88,113.00,300.70,3.50,24,101803  
16/01/2009 12:00:00,10.35,86.71,102.00,0.00,102.00,300.22,3.68,25,101773  
16/01/2009 13:00:00,10.44,86.66,55.00,0.00,55.00,299.73,3.86,27,101743  
16/01/2009 14:00:00,10.52,86.61,137.00,40.86,125.00,299.25,4.04,29,101713  
16/01/2009 15:00:00,10.33,89.73,94.00,61.31,82.00,295.45,3.83,24,101733  
16/01/2009 16:00:00,10.15,92.84,20.00,15.02,19.00,291.65,3.61,20,101753  
16/01/2009 17:00:00,9.96,95.96,0.00,-0.00,0.00,287.85,3.39,15,101773  
16/01/2009 18:00:00,9.80,96.40,0.00,-0.00,0.00,287.95,3.76,17,101783  
16/01/2009 19:00:00,9.64,96.85,0.00,-0.00,0.00,288.05,4.13,18,101793



16/01/2009 20:00:00,9.48,97.29,0.00,-0.00,0.00,288.15,4.50,19,101803  
16/01/2009 21:00:00,9.57,96.50,0.00,-0.00,0.00,289.55,4.63,21,101793  
16/01/2009 22:00:00,9.65,95.72,0.00,-0.00,0.00,290.95,4.76,23,101783  
16/01/2009 23:00:00,9.74,94.93,0.00,-0.00,0.00,292.35,4.90,25,101773  
17/01/2009 00:00:00,9.80,95.07,0.00,-0.00,0.00,287.18,4.92,26,101730  
17/01/2009 01:00:00,9.87,95.20,0.00,-0.00,0.00,282.02,4.95,27,101686  
17/01/2009 02:00:00,9.93,95.34,0.00,-0.00,0.00,276.85,4.98,29,101643  
17/01/2009 03:00:00,9.96,95.52,0.00,-0.00,0.00,283.25,5.16,32,101627  
17/01/2009 04:00:00,9.98,95.70,0.00,-0.00,0.00,289.65,5.35,35,101610  
17/01/2009 05:00:00,10.01,95.88,0.00,-0.00,0.00,296.05,5.53,39,101593  
17/01/2009 06:00:00,10.12,96.04,0.00,-0.00,0.00,300.27,5.39,40,101640  
17/01/2009 07:00:00,10.23,96.21,0.00,-0.00,0.00,304.48,5.25,41,101686  
17/01/2009 08:00:00,10.34,96.37,19.00,133.95,13.00,308.70,5.10,43,101733  
17/01/2009 09:00:00,10.43,93.61,89.00,78.37,75.00,305.45,5.45,46,101760  
17/01/2009 10:00:00,10.53,90.85,96.00,3.54,95.00,302.20,5.79,50,101786  
17/01/2009 11:00:00,10.62,88.09,65.00,0.00,65.00,298.95,6.14,53,101813  
17/01/2009 12:00:00,10.70,87.83,159.00,18.67,152.00,298.45,6.46,50,101740  
17/01/2009 13:00:00,10.79,87.57,245.00,207.22,171.00,297.95,6.77,46,101666  
17/01/2009 14:00:00,10.88,87.31,206.00,235.54,136.00,297.45,7.09,42,101593  
17/01/2009 15:00:00,10.75,89.77,56.00,0.00,56.00,301.17,6.97,38,101543  
17/01/2009 16:00:00,10.61,92.24,15.00,0.00,15.00,304.88,6.84,34,101493  
17/01/2009 17:00:00,10.48,94.70,0.00,-0.00,0.00,308.60,6.72,29,101444  
17/01/2009 18:00:00,10.48,92.34,0.00,-0.00,0.00,305.15,7.38,26,101364  
17/01/2009 19:00:00,10.48,89.97,0.00,-0.00,0.00,301.70,8.05,23,101284  
17/01/2009 20:00:00,10.49,87.61,0.00,-0.00,0.00,298.25,8.72,19,101204  
17/01/2009 21:00:00,10.55,90.08,0.00,-0.00,0.00,299.78,9.21,22,101104  
17/01/2009 22:00:00,10.61,92.56,0.00,-0.00,0.00,301.32,9.71,24,101004  
17/01/2009 23:00:00,10.67,95.03,0.00,-0.00,0.00,302.85,10.21,27,100904  
18/01/2009 00:00:00,10.71,95.87,0.00,-0.00,0.00,316.33,10.65,32,100735  
18/01/2009 01:00:00,10.75,96.72,0.00,-0.00,0.00,329.82,11.09,37,100565  
18/01/2009 02:00:00,10.79,97.56,0.00,-0.00,0.00,343.30,11.53,42,100395  
18/01/2009 03:00:00,10.71,93.66,0.00,-0.00,0.00,344.53,12.02,53,100368  
18/01/2009 04:00:00,10.63,89.75,0.00,-0.00,0.00,345.77,12.51,65,100342  
18/01/2009 05:00:00,10.56,85.85,0.00,-0.00,0.00,347.00,13.01,76,100315  
18/01/2009 06:00:00,10.32,85.56,0.00,-0.00,0.00,337.88,12.34,81,100415  
18/01/2009 07:00:00,10.09,85.26,0.00,-0.00,0.00,328.77,11.68,85,100515  
18/01/2009 08:00:00,9.85,84.97,4.00,0.00,4.00,319.65,11.02,89,100615  
18/01/2009 09:00:00,9.75,80.86,115.00,215.52,76.00,312.33,10.85,90,100701  
18/01/2009 10:00:00,9.65,76.74,197.00,238.41,129.00,305.02,10.67,92,100788  
18/01/2009 11:00:00,9.55,72.63,118.00,2.84,117.00,297.70,10.50,93,100874  
18/01/2009 12:00:00,9.76,73.55,235.00,134.86,184.00,300.73,10.01,91,100841  
18/01/2009 13:00:00,9.98,74.48,342.00,685.10,95.00,303.77,9.53,89,100808  
18/01/2009 14:00:00,10.20,75.40,239.00,395.67,120.00,306.80,9.05,87,100775  
18/01/2009 15:00:00,10.13,75.69,80.00,19.71,76.00,311.42,8.07,83,100798  
18/01/2009 16:00:00,10.05,75.98,4.00,0.00,4.00,316.03,7.09,79,100821  
18/01/2009 17:00:00,9.98,76.27,0.00,-0.00,0.00,320.65,6.11,75,100844  
18/01/2009 18:00:00,9.59,77.52,0.00,-0.00,0.00,325.20,6.05,66,100828  
18/01/2009 19:00:00,9.20,78.77,0.00,-0.00,0.00,329.75,5.99,57,100811  
18/01/2009 20:00:00,8.82,80.02,0.00,-0.00,0.00,334.30,5.93,48,100795  
18/01/2009 21:00:00,8.88,85.57,0.00,-0.00,0.00,335.43,6.45,35,100638

18/01/2009 22:00:00,8.94,91.11,0.00,-0.00,0.00,336.57,6.96,21,100482  
18/01/2009 23:00:00,9.00,96.66,0.00,-0.00,0.00,337.70,7.48,8,100325  
19/01/2009 00:00:00,9.65,97.77,0.00,-0.00,0.00,344.32,9.20,14,99966  
19/01/2009 01:00:00,10.30,98.89,0.00,-0.00,0.00,350.93,10.92,21,99606  
19/01/2009 02:00:00,10.95,100.00,0.00,-0.00,0.00,357.55,12.65,27,99247  
19/01/2009 03:00:00,10.93,96.09,0.00,-0.00,0.00,357.93,13.02,40,99177  
19/01/2009 04:00:00,10.90,92.17,0.00,-0.00,0.00,358.32,13.38,53,99107  
19/01/2009 05:00:00,10.88,88.26,0.00,-0.00,0.00,358.70,13.75,65,99037  
19/01/2009 06:00:00,10.75,88.16,0.00,-0.00,0.00,343.97,12.53,63,99074  
19/01/2009 07:00:00,10.63,88.05,0.00,-0.00,0.00,329.23,11.31,62,99110  
19/01/2009 08:00:00,10.50,87.95,16.00,40.88,14.00,314.50,10.08,60,99147  
19/01/2009 09:00:00,10.10,86.82,145.00,468.94,59.00,315.13,10.89,62,99124  
19/01/2009 10:00:00,9.69,85.69,170.00,125.01,134.00,315.77,11.70,63,99100  
19/01/2009 11:00:00,9.29,84.56,30.00,0.00,30.00,316.40,12.51,64,99077  
19/01/2009 12:00:00,9.29,79.51,33.00,0.00,33.00,313.57,12.01,69,99070  
19/01/2009 13:00:00,9.30,74.46,61.00,0.00,61.00,310.73,11.51,74,99064  
19/01/2009 14:00:00,9.31,69.41,86.00,0.00,86.00,307.90,11.01,78,99057  
19/01/2009 15:00:00,8.74,70.53,96.00,53.23,85.00,304.35,10.58,78,99100  
19/01/2009 16:00:00,8.18,71.64,47.00,310.07,23.00,300.80,10.16,77,99144  
19/01/2009 17:00:00,7.61,72.76,0.00,-0.00,0.00,297.25,9.74,77,99187  
19/01/2009 18:00:00,7.54,73.92,0.00,-0.00,0.00,291.45,9.28,78,99244  
19/01/2009 19:00:00,7.47,75.07,0.00,-0.00,0.00,285.65,8.82,79,99300  
19/01/2009 20:00:00,7.40,76.23,0.00,-0.00,0.00,279.85,8.36,80,99357  
19/01/2009 21:00:00,7.55,74.52,0.00,-0.00,0.00,279.83,7.52,77,99360  
19/01/2009 22:00:00,7.69,72.81,0.00,-0.00,0.00,279.82,6.69,75,99363  
19/01/2009 23:00:00,7.84,71.10,0.00,-0.00,0.00,279.80,5.85,73,99367  
20/01/2009 00:00:00,7.85,72.80,0.00,-0.00,0.00,281.07,5.40,65,99350  
20/01/2009 01:00:00,7.87,74.50,0.00,-0.00,0.00,282.33,4.95,57,99333  
20/01/2009 02:00:00,7.88,76.20,0.00,-0.00,0.00,283.60,4.50,49,99317  
20/01/2009 03:00:00,7.51,81.04,0.00,-0.00,0.00,283.57,4.47,48,99280  
20/01/2009 04:00:00,7.14,85.87,0.00,-0.00,0.00,283.53,4.45,47,99244  
20/01/2009 05:00:00,6.78,90.71,0.00,-0.00,0.00,283.50,4.43,45,99207  
20/01/2009 06:00:00,6.57,91.59,0.00,-0.00,0.00,282.30,4.33,47,99237  
20/01/2009 07:00:00,6.36,92.46,0.00,-0.00,0.00,281.10,4.23,49,99267  
20/01/2009 08:00:00,6.15,93.34,15.00,19.55,14.00,279.90,4.12,51,99297  
20/01/2009 09:00:00,6.05,90.70,94.00,80.67,79.00,283.92,4.72,60,99330  
20/01/2009 10:00:00,5.96,88.05,147.00,61.89,129.00,287.93,5.31,68,99363  
20/01/2009 11:00:00,5.86,85.41,45.00,0.00,45.00,291.95,5.90,76,99397  
20/01/2009 12:00:00,6.03,83.08,385.00,807.99,74.00,291.42,5.81,79,99433  
20/01/2009 13:00:00,6.20,80.76,352.00,701.72,94.00,290.88,5.71,82,99470  
20/01/2009 14:00:00,6.37,78.43,166.00,81.13,141.00,290.35,5.61,85,99506  
20/01/2009 15:00:00,6.59,81.09,172.00,498.98,67.00,288.75,4.98,84,99570  
20/01/2009 16:00:00,6.82,83.74,6.00,0.00,6.00,287.15,4.35,84,99633  
20/01/2009 17:00:00,7.04,86.40,0.00,-0.00,0.00,285.55,3.72,83,99696  
20/01/2009 18:00:00,7.23,86.50,0.00,-0.00,0.00,285.83,3.46,75,99756  
20/01/2009 19:00:00,7.43,86.60,0.00,-0.00,0.00,286.12,3.19,67,99816  
20/01/2009 20:00:00,7.62,86.70,0.00,-0.00,0.00,286.40,2.92,59,99876  
20/01/2009 21:00:00,7.43,87.86,0.00,-0.00,0.00,286.17,2.85,56,99899  
20/01/2009 22:00:00,7.24,89.01,0.00,-0.00,0.00,285.93,2.78,53,99923  
20/01/2009 23:00:00,7.05,90.17,0.00,-0.00,0.00,285.70,2.70,50,99946

21/01/2009 00:00:00,6.85,91.52,0.00,-0.00,0.00,287.93,2.58,62,99996  
21/01/2009 01:00:00,6.65,92.86,0.00,-0.00,0.00,290.17,2.46,74,100046  
21/01/2009 02:00:00,6.45,94.21,0.00,-0.00,0.00,292.40,2.33,86,100096  
21/01/2009 03:00:00,6.47,96.14,0.00,-0.00,0.00,289.15,2.78,102,100152  
21/01/2009 04:00:00,6.49,98.07,0.00,-0.00,0.00,285.90,3.23,118,100209  
21/01/2009 05:00:00,6.51,100.00,0.00,-0.00,0.00,282.65,3.68,134,100265  
21/01/2009 06:00:00,6.68,98.67,0.00,-0.00,0.00,284.40,3.94,134,100392  
21/01/2009 07:00:00,6.84,97.35,0.00,-0.00,0.00,286.15,4.19,134,100518  
21/01/2009 08:00:00,7.01,96.02,23.00,112.16,17.00,287.90,4.44,133,100645  
21/01/2009 09:00:00,7.54,88.99,155.00,530.24,55.00,283.35,4.49,130,100688  
21/01/2009 10:00:00,8.08,81.95,282.00,762.40,58.00,278.80,4.53,126,100731  
21/01/2009 11:00:00,8.61,74.92,347.00,710.02,90.00,274.25,4.58,122,100775  
21/01/2009 12:00:00,8.83,74.17,384.00,769.79,85.00,281.02,4.23,106,100771  
21/01/2009 13:00:00,9.05,73.43,377.00,856.30,59.00,287.78,3.87,90,100768  
21/01/2009 14:00:00,9.27,72.68,200.00,169.89,147.00,294.55,3.52,73,100765  
21/01/2009 15:00:00,9.18,77.56,116.00,102.67,94.00,296.28,3.84,62,100735  
21/01/2009 16:00:00,9.08,82.43,18.00,0.00,18.00,298.02,4.16,50,100705  
21/01/2009 17:00:00,8.99,87.31,0.00,-0.00,0.00,299.75,4.48,38,100675  
21/01/2009 18:00:00,8.86,91.54,0.00,-0.00,0.00,308.67,5.42,36,100621  
21/01/2009 19:00:00,8.73,95.77,0.00,-0.00,0.00,317.58,6.36,35,100568  
21/01/2009 20:00:00,8.60,100.00,0.00,-0.00,0.00,326.50,7.30,34,100515  
21/01/2009 21:00:00,8.71,100.00,0.00,-0.00,0.00,331.18,8.11,31,100385  
21/01/2009 22:00:00,8.81,100.00,0.00,-0.00,0.00,335.87,8.92,29,100255  
21/01/2009 23:00:00,8.92,100.00,0.00,-0.00,0.00,340.55,9.74,27,100126  
22/01/2009 00:00:00,9.10,100.00,0.00,-0.00,0.00,341.67,9.89,23,100012  
22/01/2009 01:00:00,9.28,100.00,0.00,-0.00,0.00,342.78,10.05,19,99899  
22/01/2009 02:00:00,9.46,100.00,0.00,-0.00,0.00,343.90,10.21,16,99786  
22/01/2009 03:00:00,9.56,100.00,0.00,-0.00,0.00,345.87,10.74,15,99630  
22/01/2009 04:00:00,9.66,100.00,0.00,-0.00,0.00,347.83,11.27,14,99473  
22/01/2009 05:00:00,9.76,100.00,0.00,-0.00,0.00,349.80,11.81,13,99317  
22/01/2009 06:00:00,10.15,100.00,0.00,-0.00,0.00,352.83,10.54,23,99327  
22/01/2009 07:00:00,10.54,100.00,0.00,-0.00,0.00,355.87,9.28,33,99337  
22/01/2009 08:00:00,10.93,100.00,11.00,0.00,11.00,358.90,8.01,43,99347  
22/01/2009 09:00:00,10.75,96.70,15.00,0.00,15.00,358.62,8.15,56,99393  
22/01/2009 10:00:00,10.57,93.40,124.00,20.21,118.00,358.33,8.28,68,99440  
22/01/2009 11:00:00,10.39,90.10,82.00,0.00,82.00,358.05,8.41,81,99487  
22/01/2009 12:00:00,10.56,88.89,132.00,2.55,131.00,350.75,8.01,79,99443  
22/01/2009 13:00:00,10.73,87.68,205.00,77.30,176.00,343.45,7.60,77,99400  
22/01/2009 14:00:00,10.91,86.47,57.00,0.00,57.00,336.15,7.20,75,99357  
22/01/2009 15:00:00,10.59,89.69,30.00,0.00,30.00,342.83,6.68,71,99323  
22/01/2009 16:00:00,10.26,92.90,6.00,0.00,6.00,349.52,6.16,67,99290  
22/01/2009 17:00:00,9.94,96.12,0.00,-0.00,0.00,356.20,5.64,63,99257  
22/01/2009 18:00:00,10.13,97.32,0.00,-0.00,0.00,359.03,5.93,50,99130  
22/01/2009 19:00:00,10.32,98.52,0.00,-0.00,0.00,361.87,6.21,38,99004  
22/01/2009 20:00:00,10.51,99.72,0.00,-0.00,0.00,364.70,6.50,25,98877  
22/01/2009 21:00:00,10.93,99.81,0.00,-0.00,0.00,367.55,7.98,42,98738  
22/01/2009 22:00:00,11.35,99.91,0.00,-0.00,0.00,370.40,9.46,59,98598  
22/01/2009 23:00:00,11.77,100.00,0.00,-0.00,0.00,373.25,10.94,76,98458  
23/01/2009 00:00:00,11.77,98.87,0.00,-0.00,0.00,372.72,11.90,74,98315  
23/01/2009 01:00:00,11.76,97.75,0.00,-0.00,0.00,372.18,12.86,72,98172

23/01/2009 02:00:00,11.76,96.62,0.00,-0.00,0.00,371.65,13.82,70,98029  
23/01/2009 03:00:00,11.75,93.99,0.00,-0.00,0.00,370.00,13.97,73,98012  
23/01/2009 04:00:00,11.73,91.36,0.00,-0.00,0.00,368.35,14.11,77,97995  
23/01/2009 05:00:00,11.72,88.73,0.00,-0.00,0.00,366.70,14.26,81,97979  
23/01/2009 06:00:00,11.47,86.78,0.00,-0.00,0.00,363.12,14.00,85,98092  
23/01/2009 07:00:00,11.23,84.82,0.00,-0.00,0.00,359.53,13.75,89,98205  
23/01/2009 08:00:00,10.98,82.87,14.70,39.31,12.40,355.95,13.49,93,98318  
23/01/2009 09:00:00,10.69,81.60,85.25,116.87,62.55,338.98,13.17,96,98455  
23/01/2009 10:00:00,10.39,80.32,131.65,129.47,92.80,322.02,12.86,98,98591  
23/01/2009 11:00:00,10.10,79.05,353.00,702.30,94.00,305.05,12.54,101,98728  
23/01/2009 12:00:00,10.04,74.44,368.00,624.18,121.00,302.68,11.53,102,98871  
23/01/2009 13:00:00,9.98,69.82,353.00,635.84,112.00,300.32,10.51,103,99014  
23/01/2009 14:00:00,9.93,65.21,300.00,684.71,81.00,297.95,9.50,104,99157  
23/01/2009 15:00:00,9.75,68.36,198.00,666.05,50.00,302.60,7.65,99,99177  
23/01/2009 16:00:00,9.56,71.52,61.00,377.29,26.00,307.25,5.80,93,99197  
23/01/2009 17:00:00,9.38,74.67,0.00,-0.00,0.00,311.90,3.94,88,99217  
23/01/2009 18:00:00,8.78,78.74,0.00,-0.00,0.00,319.07,3.90,60,99104  
23/01/2009 19:00:00,8.17,82.80,0.00,-0.00,0.00,326.23,3.85,33,98991  
23/01/2009 20:00:00,7.57,86.87,0.00,-0.00,0.00,333.40,3.81,5,98877  
23/01/2009 21:00:00,7.53,90.82,0.00,-0.00,0.00,336.57,5.09,351,98678  
23/01/2009 22:00:00,7.50,94.76,0.00,-0.00,0.00,339.73,6.38,336,98478  
23/01/2009 23:00:00,7.46,98.71,0.00,-0.00,0.00,342.90,7.67,322,98278  
24/01/2009 00:00:00,8.15,98.96,0.00,-0.00,0.00,345.52,7.33,337,97949  
24/01/2009 01:00:00,8.85,99.20,0.00,-0.00,0.00,348.13,7.00,352,97619  
24/01/2009 02:00:00,9.54,99.45,0.00,-0.00,0.00,350.75,6.66,7,97290  
24/01/2009 03:00:00,9.17,97.79,0.00,-0.00,0.00,349.08,5.32,314,97263  
24/01/2009 04:00:00,8.80,96.13,0.00,-0.00,0.00,347.42,3.98,261,97237  
24/01/2009 05:00:00,8.44,94.47,0.00,-0.00,0.00,345.75,2.63,208,97210  
24/01/2009 06:00:00,7.75,94.89,0.00,-0.00,0.00,347.68,5.80,190,97589  
24/01/2009 07:00:00,7.05,95.31,0.00,-0.00,0.00,349.62,8.97,173,97969  
24/01/2009 08:00:00,6.36,95.73,19.00,32.69,17.00,351.55,12.14,156,98348  
24/01/2009 09:00:00,6.75,93.87,66.00,10.14,64.00,342.98,11.81,155,98651  
24/01/2009 10:00:00,7.15,92.02,154.00,62.63,135.00,334.42,11.48,154,98954  
24/01/2009 11:00:00,7.54,90.16,251.00,193.37,179.00,325.85,11.14,153,99257  
24/01/2009 12:00:00,7.93,85.63,265.00,175.22,195.00,316.67,9.77,146,99427  
24/01/2009 13:00:00,8.33,81.10,371.00,725.89,93.00,307.48,8.40,140,99596  
24/01/2009 14:00:00,8.73,76.57,247.00,330.36,140.00,298.30,7.03,133,99766  
24/01/2009 15:00:00,8.84,81.53,191.00,543.61,68.00,292.38,6.07,123,99836  
24/01/2009 16:00:00,8.95,86.50,64.00,361.72,29.00,286.47,5.10,112,99906  
24/01/2009 17:00:00,9.06,91.46,0.00,-0.00,0.00,280.55,4.14,102,99976  
24/01/2009 18:00:00,9.25,90.88,0.00,-0.00,0.00,285.83,3.81,86,99956  
24/01/2009 19:00:00,9.43,90.29,0.00,-0.00,0.00,291.12,3.48,69,99936  
24/01/2009 20:00:00,9.62,89.71,0.00,-0.00,0.00,296.40,3.14,53,99916  
24/01/2009 21:00:00,9.60,90.36,0.00,-0.00,0.00,298.92,4.17,44,99819  
24/01/2009 22:00:00,9.57,91.00,0.00,-0.00,0.00,301.43,5.19,35,99723  
24/01/2009 23:00:00,9.55,91.65,0.00,-0.00,0.00,303.95,6.21,25,99626  
25/01/2009 00:00:00,9.66,93.44,0.00,-0.00,0.00,308.88,7.10,21,99497  
25/01/2009 01:00:00,9.77,95.23,0.00,-0.00,0.00,313.82,8.00,17,99367  
25/01/2009 02:00:00,9.88,97.02,0.00,-0.00,0.00,318.75,8.90,13,99237  
25/01/2009 03:00:00,9.80,96.87,0.00,-0.00,0.00,316.40,9.34,11,99087

25/01/2009 04:00:00,9.71,96.71,0.00,-0.00,0.00,314.05,9.79,8,98937  
25/01/2009 05:00:00,9.63,96.56,0.00,-0.00,0.00,311.70,10.23,6,98788  
25/01/2009 06:00:00,9.43,97.71,0.00,-0.00,0.00,317.60,10.34,8,98724  
25/01/2009 07:00:00,9.24,98.85,0.00,-0.00,0.00,323.50,10.44,11,98661  
25/01/2009 08:00:00,9.04,100.00,15.00,0.00,15.00,329.40,10.54,13,98598  
25/01/2009 09:00:00,8.86,97.44,84.00,29.95,78.00,330.05,10.04,23,98581  
25/01/2009 10:00:00,8.67,94.89,47.00,0.00,47.00,330.70,9.54,32,98565  
25/01/2009 11:00:00,8.49,92.33,123.00,2.66,122.00,331.35,9.05,41,98548  
25/01/2009 12:00:00,8.54,92.12,164.00,12.40,159.00,324.72,8.49,49,98588  
25/01/2009 13:00:00,8.60,91.91,105.00,0.00,105.00,318.08,7.94,57,98628  
25/01/2009 14:00:00,8.65,91.70,29.00,0.00,29.00,311.45,7.38,65,98668  
25/01/2009 15:00:00,8.54,90.88,69.00,4.34,68.00,306.82,6.27,63,98721  
25/01/2009 16:00:00,8.44,90.05,57.00,208.32,36.00,302.18,5.16,60,98774  
25/01/2009 17:00:00,8.33,89.23,0.00,-0.00,0.00,297.55,4.06,58,98828  
25/01/2009 18:00:00,8.04,90.51,0.00,-0.00,0.00,294.23,3.84,63,98884  
25/01/2009 19:00:00,7.74,91.79,0.00,-0.00,0.00,290.92,3.62,68,98941  
25/01/2009 20:00:00,7.45,93.07,0.00,-0.00,0.00,287.60,3.41,73,98997  
25/01/2009 21:00:00,7.68,93.26,0.00,-0.00,0.00,289.48,3.59,74,99054  
25/01/2009 22:00:00,7.90,93.45,0.00,-0.00,0.00,291.37,3.77,74,99110  
25/01/2009 23:00:00,8.13,93.64,0.00,-0.00,0.00,293.25,3.96,75,99167  
26/01/2009 00:00:00,8.13,93.91,0.00,-0.00,0.00,292.75,3.67,74,99260  
26/01/2009 01:00:00,8.13,94.19,0.00,-0.00,0.00,292.25,3.39,73,99353  
26/01/2009 02:00:00,8.13,94.46,0.00,-0.00,0.00,291.75,3.10,72,99447  
26/01/2009 03:00:00,8.40,93.98,0.00,-0.00,0.00,291.87,3.07,64,99453  
26/01/2009 04:00:00,8.66,93.49,0.00,-0.00,0.00,291.98,3.04,56,99460  
26/01/2009 05:00:00,8.93,93.01,0.00,-0.00,0.00,292.10,3.01,48,99467  
26/01/2009 06:00:00,8.70,93.31,0.00,-0.00,0.00,294.05,2.83,44,99513  
26/01/2009 07:00:00,8.47,93.62,0.00,-0.00,0.00,296.00,2.66,41,99560  
26/01/2009 08:00:00,8.24,93.92,39.00,314.16,18.00,297.95,2.48,37,99606  
26/01/2009 09:00:00,8.37,91.70,174.00,589.70,54.00,296.43,2.86,56,99660  
26/01/2009 10:00:00,8.51,89.49,302.00,793.00,56.00,294.92,3.23,75,99713  
26/01/2009 11:00:00,8.64,87.27,375.00,774.20,81.00,293.40,3.60,93,99766  
26/01/2009 12:00:00,8.72,86.38,406.00,783.13,87.00,291.85,4.24,103,99846  
26/01/2009 13:00:00,8.80,85.49,160.00,15.34,154.00,290.30,4.88,112,99926  
26/01/2009 14:00:00,8.88,84.60,140.00,21.07,133.00,288.75,5.52,121,100006  
26/01/2009 15:00:00,8.71,89.03,84.00,8.53,82.00,290.08,5.27,125,100079  
26/01/2009 16:00:00,8.54,93.47,32.00,9.53,31.00,291.42,5.03,129,100152  
26/01/2009 17:00:00,8.37,97.90,0.00,-0.00,0.00,292.75,4.79,133,100225  
26/01/2009 18:00:00,8.24,98.60,0.00,-0.00,0.00,292.23,4.94,136,100325  
26/01/2009 19:00:00,8.11,99.30,0.00,-0.00,0.00,291.72,5.10,138,100425  
26/01/2009 20:00:00,7.99,100.00,0.00,-0.00,0.00,291.20,5.26,141,100525  
26/01/2009 21:00:00,8.01,100.00,0.00,-0.00,0.00,287.60,5.11,145,100595  
26/01/2009 22:00:00,8.02,100.00,0.00,-0.00,0.00,284.00,4.96,148,100665  
26/01/2009 23:00:00,8.04,100.00,0.00,-0.00,0.00,280.40,4.81,152,100735  
27/01/2009 00:00:00,8.00,100.00,0.00,-0.00,0.00,285.47,4.29,157,100828  
27/01/2009 01:00:00,7.96,100.00,0.00,-0.00,0.00,290.53,3.76,162,100921  
27/01/2009 02:00:00,7.92,100.00,0.00,-0.00,0.00,295.60,3.23,167,101014  
27/01/2009 03:00:00,7.71,100.00,0.00,-0.00,0.00,292.67,3.07,168,101054  
27/01/2009 04:00:00,7.50,100.00,0.00,-0.00,0.00,289.73,2.91,169,101094  
27/01/2009 05:00:00,7.29,100.00,0.00,-0.00,0.00,286.80,2.74,170,101134

27/01/2009 06:00:00,7.20,100.00,0.00,-0.00,0.00,283.22,2.30,182,101194  
27/01/2009 07:00:00,7.10,100.00,0.00,-0.00,0.00,279.63,1.86,194,101254  
27/01/2009 08:00:00,7.01,100.00,24.00,42.96,21.00,276.05,1.42,206,101314  
27/01/2009 09:00:00,7.19,97.45,83.00,24.18,78.00,281.70,1.03,240,101337  
27/01/2009 10:00:00,7.37,94.91,115.00,6.37,113.00,287.35,0.65,274,101360  
27/01/2009 11:00:00,7.55,92.36,140.00,5.21,138.00,293.00,0.26,308,101384  
27/01/2009 12:00:00,7.74,91.57,148.00,4.86,146.00,292.57,0.86,345,101397  
27/01/2009 13:00:00,7.93,90.78,141.00,5.06,139.00,292.13,1.46,21,101410  
27/01/2009 14:00:00,8.13,89.99,116.00,2.97,115.00,291.70,2.06,58,101424  
27/01/2009 15:00:00,8.31,93.33,125.00,83.75,105.00,294.38,2.07,39,101437  
27/01/2009 16:00:00,8.50,96.66,53.00,110.03,41.00,297.07,2.08,21,101450  
27/01/2009 17:00:00,8.68,100.00,0.00,-0.00,0.00,299.75,2.10,3,101463  
27/01/2009 18:00:00,8.72,100.00,0.00,-0.00,0.00,302.32,2.10,357,101467  
27/01/2009 19:00:00,8.76,100.00,0.00,-0.00,0.00,304.88,2.10,351,101470  
27/01/2009 20:00:00,8.80,100.00,0.00,-0.00,0.00,307.45,2.10,345,101473  
27/01/2009 21:00:00,8.80,100.00,0.00,-0.00,0.00,306.27,2.26,340,101447  
27/01/2009 22:00:00,8.81,100.00,0.00,-0.00,0.00,305.08,2.43,334,101420  
27/01/2009 23:00:00,8.81,100.00,0.00,-0.00,0.00,303.90,2.59,329,101394  
28/01/2009 00:00:00,8.61,100.00,0.00,-0.00,0.00,307.53,3.09,330,101387  
28/01/2009 01:00:00,8.42,100.00,0.00,-0.00,0.00,311.17,3.58,331,101380  
28/01/2009 02:00:00,8.22,100.00,0.00,-0.00,0.00,314.80,4.07,332,101374  
28/01/2009 03:00:00,8.07,100.00,0.00,-0.00,0.00,319.68,4.28,329,101347  
28/01/2009 04:00:00,7.91,100.00,0.00,-0.00,0.00,324.57,4.48,327,101320  
28/01/2009 05:00:00,7.76,100.00,0.00,-0.00,0.00,329.45,4.69,324,101294  
28/01/2009 06:00:00,7.86,100.00,0.00,-0.00,0.00,332.22,4.97,324,101310  
28/01/2009 07:00:00,7.97,100.00,0.00,-0.00,0.00,334.98,5.25,325,101327  
28/01/2009 08:00:00,8.07,100.00,18.00,0.00,18.00,337.75,5.53,325,101344  
28/01/2009 09:00:00,8.32,100.00,56.00,0.00,56.00,339.78,5.75,325,101340  
28/01/2009 10:00:00,8.57,100.00,126.00,15.75,121.00,341.82,5.96,326,101337  
28/01/2009 11:00:00,8.82,100.00,67.00,0.00,67.00,343.85,6.18,326,101334  
28/01/2009 12:00:00,9.13,100.00,61.00,0.00,61.00,346.87,5.72,327,101280  
28/01/2009 13:00:00,9.45,100.00,95.00,0.00,95.00,349.88,5.27,327,101227  
28/01/2009 14:00:00,9.77,100.00,161.00,41.08,147.00,352.90,4.81,328,101174  
28/01/2009 15:00:00,9.59,100.00,19.00,0.00,19.00,353.70,4.51,319,101197  
28/01/2009 16:00:00,9.40,100.00,78.00,379.66,35.00,354.50,4.21,309,101221  
28/01/2009 17:00:00,9.22,100.00,0.00,-0.00,0.00,355.30,3.90,300,101244  
28/01/2009 18:00:00,8.99,100.00,0.00,-0.00,0.00,357.80,3.95,298,101257  
28/01/2009 19:00:00,8.77,100.00,0.00,-0.00,0.00,360.30,4.00,296,101270  
28/01/2009 20:00:00,8.54,100.00,0.00,-0.00,0.00,362.80,4.04,293,101284  
28/01/2009 21:00:00,8.51,100.00,0.00,-0.00,0.00,361.98,3.83,296,101267  
28/01/2009 22:00:00,8.49,100.00,0.00,-0.00,0.00,361.17,3.62,298,101250  
28/01/2009 23:00:00,8.46,100.00,0.00,-0.00,0.00,360.35,3.41,300,101234  
29/01/2009 00:00:00,8.25,100.00,0.00,-0.00,0.00,354.12,3.49,297,101234  
29/01/2009 01:00:00,8.03,100.00,0.00,-0.00,0.00,347.88,3.57,293,101234  
29/01/2009 02:00:00,7.82,100.00,0.00,-0.00,0.00,341.65,3.66,289,101234  
29/01/2009 03:00:00,7.69,100.00,0.00,-0.00,0.00,337.83,3.68,291,101237  
29/01/2009 04:00:00,7.56,100.00,0.00,-0.00,0.00,334.02,3.71,294,101240  
29/01/2009 05:00:00,7.44,100.00,0.00,-0.00,0.00,330.20,3.74,296,101244  
29/01/2009 06:00:00,7.53,100.00,0.00,-0.00,0.00,328.20,3.77,298,101267  
29/01/2009 07:00:00,7.62,100.00,0.00,-0.00,0.00,326.20,3.79,301,101290

29/01/2009 08:00:00,7.71,100.00,29.00,52.54,25.00,324.20,3.82,303,101314  
29/01/2009 09:00:00,8.16,97.17,85.00,23.40,80.00,320.10,3.81,310,101320  
29/01/2009 10:00:00,8.60,94.33,139.00,24.90,131.00,316.00,3.79,318,101327  
29/01/2009 11:00:00,9.05,91.50,177.00,28.10,166.00,311.90,3.78,325,101334  
29/01/2009 12:00:00,9.29,89.44,161.00,7.15,158.00,310.57,3.74,324,101320  
29/01/2009 13:00:00,9.53,87.39,158.00,9.90,154.00,309.23,3.70,323,101307  
29/01/2009 14:00:00,9.77,85.33,111.00,2.90,110.00,307.90,3.66,322,101294  
29/01/2009 15:00:00,9.69,89.25,187.00,359.66,98.00,314.62,3.55,316,101307  
29/01/2009 16:00:00,9.61,93.18,69.00,212.75,44.00,321.33,3.45,311,101320  
29/01/2009 17:00:00,9.53,97.10,0.00,-0.00,0.00,328.05,3.35,305,101334  
29/01/2009 18:00:00,9.41,97.36,0.00,-0.00,0.00,327.00,3.50,307,101347  
29/01/2009 19:00:00,9.28,97.62,0.00,-0.00,0.00,325.95,3.65,309,101360  
29/01/2009 20:00:00,9.16,97.88,0.00,-0.00,0.00,324.90,3.79,312,101374  
29/01/2009 21:00:00,9.15,98.09,0.00,-0.00,0.00,324.40,3.80,312,101354  
29/01/2009 22:00:00,9.13,98.30,0.00,-0.00,0.00,323.90,3.80,312,101334  
29/01/2009 23:00:00,9.12,98.51,0.00,-0.00,0.00,323.40,3.81,312,101314  
30/01/2009 00:00:00,8.90,98.59,0.00,-0.00,0.00,322.87,3.98,306,101307  
30/01/2009 01:00:00,8.69,98.68,0.00,-0.00,0.00,322.33,4.16,300,101300  
30/01/2009 02:00:00,8.47,98.76,0.00,-0.00,0.00,321.80,4.33,294,101294  
30/01/2009 03:00:00,8.28,97.10,0.00,-0.00,0.00,314.72,4.46,292,101274  
30/01/2009 04:00:00,8.09,95.45,0.00,-0.00,0.00,307.63,4.59,291,101254  
30/01/2009 05:00:00,7.91,93.79,0.00,-0.00,0.00,300.55,4.72,289,101234  
30/01/2009 06:00:00,7.93,92.21,0.00,-0.00,0.00,296.72,5.07,288,101214  
30/01/2009 07:00:00,7.95,90.62,0.00,-0.00,0.00,292.88,5.43,288,101194  
30/01/2009 08:00:00,7.97,89.04,48.00,302.15,24.00,289.05,5.78,288,101174  
30/01/2009 09:00:00,8.54,83.54,189.00,616.77,55.00,289.17,5.81,291,101111  
30/01/2009 10:00:00,9.10,78.05,305.00,689.00,81.00,289.28,5.84,293,101047  
30/01/2009 11:00:00,9.67,72.55,316.00,366.52,171.00,289.40,5.88,296,100984  
30/01/2009 12:00:00,10.09,70.25,427.00,806.63,85.00,288.62,5.83,295,100898  
30/01/2009 13:00:00,10.52,67.96,404.00,766.63,91.00,287.83,5.77,294,100811  
30/01/2009 14:00:00,10.94,65.66,343.00,786.68,68.00,287.05,5.72,293,100725  
30/01/2009 15:00:00,10.92,68.13,197.00,401.02,96.00,288.40,5.46,294,100711  
30/01/2009 16:00:00,10.91,70.61,49.00,41.05,44.00,289.75,5.19,296,100698  
30/01/2009 17:00:00,10.89,73.08,0.00,-0.00,0.00,291.10,4.92,297,100685  
30/01/2009 18:00:00,10.75,74.69,0.00,-0.00,0.00,293.17,4.97,300,100661  
30/01/2009 19:00:00,10.61,76.30,0.00,-0.00,0.00,295.23,5.02,303,100638  
30/01/2009 20:00:00,10.47,77.91,0.00,-0.00,0.00,297.30,5.06,307,100615  
30/01/2009 21:00:00,10.43,79.71,0.00,-0.00,0.00,297.98,5.15,308,100572  
30/01/2009 22:00:00,10.38,81.51,0.00,-0.00,0.00,298.67,5.25,309,100528  
30/01/2009 23:00:00,10.34,83.31,0.00,-0.00,0.00,299.35,5.34,310,100485  
31/01/2009 00:00:00,9.99,81.83,0.00,-0.00,0.00,295.13,5.24,309,100445  
31/01/2009 01:00:00,9.64,80.35,0.00,-0.00,0.00,290.92,5.14,309,100405  
31/01/2009 02:00:00,9.29,78.87,0.00,-0.00,0.00,286.70,5.03,309,100365  
31/01/2009 03:00:00,9.28,80.06,0.00,-0.00,0.00,286.32,5.03,309,100342  
31/01/2009 04:00:00,9.27,81.24,0.00,-0.00,0.00,285.93,5.03,309,100319  
31/01/2009 05:00:00,9.26,82.43,0.00,-0.00,0.00,285.55,5.03,310,100295  
31/01/2009 06:00:00,9.35,84.13,0.00,-0.00,0.00,288.10,5.13,311,100299  
31/01/2009 07:00:00,9.45,85.84,0.00,-0.00,0.00,290.65,5.22,312,100302  
31/01/2009 08:00:00,9.54,87.54,37.00,96.58,29.00,293.20,5.31,314,100305  
31/01/2009 09:00:00,9.87,85.29,81.00,13.58,78.00,295.07,5.20,316,100292

31/01/2009 10:00:00,10.20,83.05,175.00,72.93,151.00,296.93,5.10,319,100279  
31/01/2009 11:00:00,10.53,80.80,152.00,7.50,149.00,298.80,4.99,322,100265  
31/01/2009 12:00:00,10.55,80.33,213.00,44.36,194.00,299.38,4.57,319,100242  
31/01/2009 13:00:00,10.58,79.87,149.00,4.85,147.00,299.97,4.15,317,100219  
31/01/2009 14:00:00,10.61,79.40,196.00,84.73,166.00,300.55,3.72,314,100195  
31/01/2009 15:00:00,10.39,84.65,116.00,39.02,106.00,299.73,3.29,315,100195  
31/01/2009 16:00:00,10.40,96.99,48.00,31.71,44.00,302.00,2.19,315,100195  
31/01/2009 17:00:00,9.94,96.96,0.00,-0.00,0.00,300.52,2.19,316,100195  
31/01/2009 18:00:00,9.49,96.93,0.00,-0.00,0.00,299.03,2.20,311,100189  
31/01/2009 19:00:00,9.03,96.91,0.00,-0.00,0.00,297.54,2.21,306,100182  
31/01/2009 20:00:00,8.57,96.88,0.00,-0.00,0.00,296.06,2.22,301,100175  
31/01/2009 21:00:00,8.12,96.85,0.00,-0.00,0.00,294.57,2.22,295,100152  
31/01/2009 22:00:00,7.66,96.82,0.00,-0.00,0.00,293.09,2.23,289,100129  
31/01/2009 23:00:00,7.21,96.80,0.00,-0.00,0.00,291.60,2.24,283,100106  
01/02/2010 00:00:00,6.75,96.77,0.00,-0.00,0.00,290.11,2.24,36,101230  
01/02/2010 01:00:00,6.29,96.74,0.00,-0.00,0.00,288.63,2.25,31,101287  
01/02/2010 02:00:00,5.84,96.71,0.00,-0.00,0.00,287.14,2.26,27,101344  
01/02/2010 03:00:00,5.38,96.69,0.00,-0.00,0.00,285.66,2.27,43,101390  
01/02/2010 04:00:00,4.93,96.66,0.00,-0.00,0.00,284.17,2.27,60,101437  
01/02/2010 05:00:00,4.47,96.63,0.00,-0.00,0.00,282.68,2.28,76,101483  
01/02/2010 06:00:00,4.01,96.60,0.00,-0.00,0.00,281.20,2.29,85,101567  
01/02/2010 07:00:00,3.56,96.57,0.00,-0.00,0.00,279.71,2.30,95,101650  
01/02/2010 08:00:00,5.83,92.01,39.00,92.67,31.00,261.30,3.20,104,101733  
01/02/2010 09:00:00,6.29,83.91,130.00,133.49,100.00,258.38,4.21,110,101773  
01/02/2010 10:00:00,6.75,75.82,215.00,171.12,158.00,255.47,5.21,116,101813  
01/02/2010 11:00:00,7.21,67.72,400.00,764.74,91.00,252.55,6.22,123,101853  
01/02/2010 12:00:00,7.25,67.58,432.00,769.47,99.00,254.90,5.68,120,101876  
01/02/2010 13:00:00,7.29,67.45,395.00,649.47,124.00,257.25,5.14,116,101899  
01/02/2010 14:00:00,7.33,67.31,317.00,540.98,123.00,259.60,4.59,113,101923  
01/02/2010 15:00:00,7.24,74.36,201.00,375.76,103.00,261.73,3.89,108,101973  
01/02/2010 16:00:00,7.16,81.42,92.00,383.11,42.00,263.87,3.19,103,102023  
01/02/2010 17:00:00,7.07,88.47,0.00,-0.00,0.00,266.00,2.48,98,102073  
01/02/2010 18:00:00,7.08,90.31,0.00,-0.00,0.00,268.35,2.53,94,102106  
01/02/2010 19:00:00,7.09,92.15,0.00,-0.00,0.00,270.70,2.57,89,102139  
01/02/2010 20:00:00,7.09,93.99,0.00,-0.00,0.00,273.05,2.62,84,102172  
01/02/2010 21:00:00,7.25,94.97,0.00,-0.00,0.00,278.53,2.56,77,102169  
01/02/2010 22:00:00,7.40,95.96,0.00,-0.00,0.00,284.02,2.49,70,102166  
01/02/2010 23:00:00,7.56,96.94,0.00,-0.00,0.00,289.50,2.43,63,102162  
02/02/2010 00:00:00,7.71,97.05,0.00,-0.00,0.00,286.83,2.49,57,102126  
02/02/2010 01:00:00,7.87,97.17,0.00,-0.00,0.00,284.17,2.55,51,102089  
02/02/2010 02:00:00,8.03,97.28,0.00,-0.00,0.00,281.50,2.61,45,102053  
02/02/2010 03:00:00,8.20,96.75,0.00,-0.00,0.00,288.58,2.95,43,101996  
02/02/2010 04:00:00,8.38,96.23,0.00,-0.00,0.00,295.67,3.29,42,101939  
02/02/2010 05:00:00,8.56,95.70,0.00,-0.00,0.00,302.75,3.63,41,101883  
02/02/2010 06:00:00,8.78,92.19,0.00,-0.00,0.00,305.25,4.15,43,101870  
02/02/2010 07:00:00,9.00,88.69,0.00,-0.00,0.00,307.75,4.68,45,101856  
02/02/2010 08:00:00,9.23,85.18,42.00,111.20,32.00,310.25,5.20,47,101843  
02/02/2010 09:00:00,9.40,81.10,126.00,109.36,101.00,309.02,5.95,50,101796  
02/02/2010 10:00:00,9.57,77.03,192.00,97.86,159.00,307.78,6.70,53,101750  
02/02/2010 11:00:00,9.74,72.95,231.00,85.70,196.00,306.55,7.45,56,101703



02/02/2010 12:00:00,9.75,74.62,179.00,11.43,174.00,305.88,7.32,58,101633  
02/02/2010 13:00:00,9.75,76.28,126.00,0.00,126.00,305.22,7.19,59,101563  
02/02/2010 14:00:00,9.76,77.95,169.00,35.79,156.00,304.55,7.06,61,101493  
02/02/2010 15:00:00,9.61,79.50,49.00,0.00,49.00,312.10,6.74,62,101490  
02/02/2010 16:00:00,9.47,81.04,34.00,0.00,34.00,319.65,6.42,62,101487  
02/02/2010 17:00:00,9.32,82.59,0.00,-0.00,0.00,327.20,6.10,62,101483  
02/02/2010 18:00:00,9.31,84.06,0.00,-0.00,0.00,328.90,5.81,65,101490  
02/02/2010 19:00:00,9.30,85.52,0.00,-0.00,0.00,330.60,5.53,67,101497  
02/02/2010 20:00:00,9.28,86.99,0.00,-0.00,0.00,332.30,5.24,69,101503  
02/02/2010 21:00:00,9.34,87.49,0.00,-0.00,0.00,331.47,5.17,67,101483  
02/02/2010 22:00:00,9.41,88.00,0.00,-0.00,0.00,330.63,5.10,65,101463  
02/02/2010 23:00:00,9.47,88.50,0.00,-0.00,0.00,329.80,5.03,64,101444  
03/02/2010 00:00:00,9.47,87.84,0.00,-0.00,0.00,323.72,4.98,63,101427  
03/02/2010 01:00:00,9.47,87.19,0.00,-0.00,0.00,317.63,4.93,62,101410  
03/02/2010 02:00:00,9.48,86.53,0.00,-0.00,0.00,311.55,4.88,61,101394  
03/02/2010 03:00:00,9.47,86.43,0.00,-0.00,0.00,303.07,5.12,63,101394  
03/02/2010 04:00:00,9.46,86.33,0.00,-0.00,0.00,294.58,5.35,66,101394  
03/02/2010 05:00:00,9.45,86.23,0.00,-0.00,0.00,286.10,5.59,68,101394  
03/02/2010 06:00:00,9.53,86.11,0.00,-0.00,0.00,286.77,5.42,66,101420  
03/02/2010 07:00:00,9.61,85.99,0.00,-0.00,0.00,287.43,5.25,63,101447  
03/02/2010 08:00:00,9.69,85.87,42.00,85.45,34.00,288.10,5.08,60,101473  
03/02/2010 09:00:00,9.77,81.96,168.00,309.58,96.00,289.25,5.46,57,101463  
03/02/2010 10:00:00,9.86,78.06,216.00,155.22,163.00,290.40,5.84,54,101453  
03/02/2010 11:00:00,9.94,74.15,267.00,155.03,203.00,291.55,6.22,51,101444  
03/02/2010 12:00:00,9.94,72.76,251.00,83.74,214.00,298.70,5.82,52,101400  
03/02/2010 13:00:00,9.95,71.37,226.00,60.96,200.00,305.85,5.41,52,101357  
03/02/2010 14:00:00,9.95,69.98,158.00,21.75,150.00,313.00,5.01,53,101314  
03/02/2010 15:00:00,9.70,75.60,115.00,25.93,108.00,303.77,4.33,42,101304  
03/02/2010 16:00:00,9.45,81.23,45.00,7.17,44.00,294.53,3.65,30,101294  
03/02/2010 17:00:00,9.20,86.85,0.00,-0.00,0.00,285.30,2.97,19,101284  
03/02/2010 18:00:00,9.06,89.65,0.00,-0.00,0.00,285.92,3.17,11,101277  
03/02/2010 19:00:00,8.92,92.45,0.00,-0.00,0.00,286.53,3.37,3,101270  
03/02/2010 20:00:00,8.78,95.25,0.00,-0.00,0.00,287.15,3.57,355,101264  
03/02/2010 21:00:00,8.67,96.45,0.00,-0.00,0.00,284.73,3.94,349,101227  
03/02/2010 22:00:00,8.55,97.64,0.00,-0.00,0.00,282.32,4.31,342,101191  
03/02/2010 23:00:00,8.44,98.84,0.00,-0.00,0.00,279.90,4.68,336,101154  
04/02/2010 00:00:00,8.25,99.22,0.00,-0.00,0.00,275.58,4.42,330,101094  
04/02/2010 01:00:00,8.06,99.61,0.00,-0.00,0.00,271.27,4.16,324,101034  
04/02/2010 02:00:00,7.87,99.99,0.00,-0.00,0.00,266.95,3.90,318,100974  
04/02/2010 03:00:00,7.64,99.21,0.00,-0.00,0.00,267.33,3.68,316,100918  
04/02/2010 04:00:00,7.41,98.42,0.00,-0.00,0.00,267.72,3.46,314,100861  
04/02/2010 05:00:00,7.19,97.64,0.00,-0.00,0.00,268.10,3.24,312,100804  
04/02/2010 06:00:00,7.24,94.26,0.00,-0.00,0.00,271.83,3.70,315,100771  
04/02/2010 07:00:00,7.29,90.88,0.00,-0.00,0.00,275.57,4.15,317,100738  
04/02/2010 08:00:00,7.35,87.50,62.00,307.95,32.00,279.30,4.61,320,100705  
04/02/2010 09:00:00,7.76,81.40,178.00,359.21,93.00,277.55,5.08,327,100645  
04/02/2010 10:00:00,8.18,75.29,294.00,477.24,129.00,275.80,5.55,334,100585  
04/02/2010 11:00:00,8.59,69.19,406.00,716.50,107.00,274.05,6.03,340,100525  
04/02/2010 12:00:00,8.90,67.55,430.00,678.69,127.00,276.67,6.18,341,100425  
04/02/2010 13:00:00,9.21,65.91,417.00,695.76,117.00,279.28,6.33,341,100325

04/02/2010 14:00:00,9.52,64.27,356.00,697.88,96.00,281.90,6.48,341,100225  
04/02/2010 15:00:00,9.58,68.63,183.00,211.25,125.00,286.80,6.80,342,100155  
04/02/2010 16:00:00,9.64,73.00,69.00,83.41,57.00,291.70,7.12,344,100086  
04/02/2010 17:00:00,9.70,77.36,0.00,-0.00,0.00,296.60,7.43,345,100016  
04/02/2010 18:00:00,9.83,82.07,0.00,-0.00,0.00,309.65,7.54,349,99939  
04/02/2010 19:00:00,9.96,86.78,0.00,-0.00,0.00,322.70,7.66,353,99863  
04/02/2010 20:00:00,10.08,91.49,0.00,-0.00,0.00,335.75,7.77,357,99786  
04/02/2010 21:00:00,9.90,92.18,0.00,-0.00,0.00,336.05,6.77,17,99756  
04/02/2010 22:00:00,9.71,92.88,0.00,-0.00,0.00,336.35,5.77,38,99726  
04/02/2010 23:00:00,9.53,93.57,0.00,-0.00,0.00,336.65,4.77,59,99696  
05/02/2010 00:00:00,9.55,91.20,0.00,-0.00,0.00,323.83,4.75,61,99813  
05/02/2010 01:00:00,9.58,88.83,0.00,-0.00,0.00,311.02,4.74,64,99929  
05/02/2010 02:00:00,9.61,86.46,0.00,-0.00,0.00,298.20,4.72,66,100046  
05/02/2010 03:00:00,9.64,86.77,0.00,-0.00,0.00,297.20,4.57,64,100082  
05/02/2010 04:00:00,9.68,87.08,0.00,-0.00,0.00,296.20,4.42,63,100119  
05/02/2010 05:00:00,9.72,87.39,0.00,-0.00,0.00,295.20,4.28,61,100155  
05/02/2010 06:00:00,9.61,88.03,0.00,-0.00,0.00,297.17,4.48,56,100205  
05/02/2010 07:00:00,9.50,88.67,0.00,-0.00,0.00,299.13,4.69,51,100255  
05/02/2010 08:00:00,9.39,89.31,30.00,9.87,29.00,301.10,4.90,46,100305  
05/02/2010 09:00:00,9.15,88.72,151.00,178.59,108.00,299.92,5.28,51,100332  
05/02/2010 10:00:00,8.92,88.13,157.00,28.56,147.00,298.73,5.66,56,100359  
05/02/2010 11:00:00,8.68,87.54,112.00,0.00,112.00,297.55,6.04,62,100385  
05/02/2010 12:00:00,9.26,82.26,474.00,913.25,62.00,297.37,6.35,64,100458  
05/02/2010 13:00:00,9.85,76.97,449.00,860.22,74.00,297.18,6.67,66,100532  
05/02/2010 14:00:00,10.43,71.69,318.00,450.58,148.00,297.00,6.98,68,100605  
05/02/2010 15:00:00,10.20,76.61,223.00,415.45,107.00,296.22,7.57,61,100585  
05/02/2010 16:00:00,9.97,81.54,48.00,13.48,46.00,295.43,8.16,54,100565  
05/02/2010 17:00:00,9.74,86.46,0.00,-0.00,0.00,294.65,8.74,47,100545  
05/02/2010 18:00:00,9.58,89.04,0.00,-0.00,0.00,300.95,8.72,48,100508  
05/02/2010 19:00:00,9.42,91.61,0.00,-0.00,0.00,307.25,8.69,50,100472  
05/02/2010 20:00:00,9.26,94.19,0.00,-0.00,0.00,313.55,8.66,51,100435  
05/02/2010 21:00:00,9.36,92.14,0.00,-0.00,0.00,313.95,8.16,59,100418  
05/02/2010 22:00:00,9.45,90.10,0.00,-0.00,0.00,314.35,7.66,67,100402  
05/02/2010 23:00:00,9.55,88.05,0.00,-0.00,0.00,314.75,7.16,74,100385  
06/02/2010 00:00:00,9.54,88.08,0.00,-0.00,0.00,312.97,7.16,79,100368  
06/02/2010 01:00:00,9.53,88.12,0.00,-0.00,0.00,311.18,7.17,84,100352  
06/02/2010 02:00:00,9.53,88.15,0.00,-0.00,0.00,309.40,7.17,88,100335  
06/02/2010 03:00:00,9.56,89.43,0.00,-0.00,0.00,305.02,7.73,89,100319  
06/02/2010 04:00:00,9.60,90.71,0.00,-0.00,0.00,300.63,8.29,91,100302  
06/02/2010 05:00:00,9.63,91.99,0.00,-0.00,0.00,296.25,8.86,92,100285  
06/02/2010 06:00:00,9.76,92.34,0.00,-0.00,0.00,295.18,8.67,96,100365  
06/02/2010 07:00:00,9.89,92.69,0.00,-0.00,0.00,294.12,8.48,101,100445  
06/02/2010 08:00:00,10.02,93.04,73.00,408.44,30.00,293.05,8.29,106,100525  
06/02/2010 09:00:00,10.02,88.17,217.00,628.55,63.00,293.05,8.04,112,100628  
06/02/2010 10:00:00,10.02,83.31,328.00,631.75,104.00,293.05,7.79,119,100731  
06/02/2010 11:00:00,10.02,78.44,324.00,293.09,199.00,293.05,7.54,126,100834  
06/02/2010 12:00:00,10.04,75.87,62.00,0.00,62.00,293.32,7.09,129,100951  
06/02/2010 13:00:00,10.07,73.31,127.00,0.00,127.00,293.58,6.63,133,101067  
06/02/2010 14:00:00,10.09,70.74,139.00,5.23,137.00,293.85,6.17,136,101184  
06/02/2010 15:00:00,9.77,75.41,95.00,3.52,94.00,293.20,5.49,139,101280

06/02/2010 16:00:00,9.46,80.07,59.00,26.16,55.00,292.55,4.82,143,101377  
06/02/2010 17:00:00,9.15,84.74,0.00,-0.00,0.00,291.90,4.15,146,101473  
06/02/2010 18:00:00,8.79,87.86,0.00,-0.00,0.00,288.77,3.84,152,101560  
06/02/2010 19:00:00,8.44,90.99,0.00,-0.00,0.00,285.63,3.54,157,101647  
06/02/2010 20:00:00,8.09,94.11,0.00,-0.00,0.00,282.50,3.23,162,101733  
06/02/2010 21:00:00,7.85,94.43,0.00,-0.00,0.00,280.05,3.27,171,101783  
06/02/2010 22:00:00,7.62,94.75,0.00,-0.00,0.00,277.60,3.31,179,101833  
06/02/2010 23:00:00,7.38,95.07,0.00,-0.00,0.00,275.15,3.35,188,101883  
07/02/2010 00:00:00,7.18,94.31,0.00,-0.00,0.00,273.65,3.48,197,101913  
07/02/2010 01:00:00,6.98,93.54,0.00,-0.00,0.00,272.15,3.60,207,101943  
07/02/2010 02:00:00,6.78,92.78,0.00,-0.00,0.00,270.65,3.72,216,101973  
07/02/2010 03:00:00,6.69,92.85,0.00,-0.00,0.00,277.72,3.66,222,101976  
07/02/2010 04:00:00,6.61,92.93,0.00,-0.00,0.00,284.78,3.59,229,101979  
07/02/2010 05:00:00,6.52,93.00,0.00,-0.00,0.00,291.85,3.52,235,101983  
07/02/2010 06:00:00,6.55,91.78,0.00,-0.00,0.00,293.63,3.91,240,101996  
07/02/2010 07:00:00,6.59,90.55,0.00,-0.00,0.00,295.42,4.31,246,102009  
07/02/2010 08:00:00,6.63,89.33,67.00,256.07,39.00,297.20,4.70,251,102023  
07/02/2010 09:00:00,6.85,82.89,171.00,248.67,109.00,295.63,4.57,255,101999  
07/02/2010 10:00:00,7.08,76.44,313.00,517.96,127.00,294.07,4.43,259,101976  
07/02/2010 11:00:00,7.31,70.00,314.00,248.15,207.00,292.50,4.29,262,101953  
07/02/2010 12:00:00,7.71,68.54,147.00,0.00,147.00,291.33,4.45,261,101866  
07/02/2010 13:00:00,8.11,67.08,192.00,17.95,184.00,290.17,4.61,259,101780  
07/02/2010 14:00:00,8.51,65.62,226.00,103.39,186.00,289.00,4.77,257,101693  
07/02/2010 15:00:00,8.27,69.58,133.00,41.57,121.00,282.92,4.69,257,101650  
07/02/2010 16:00:00,8.03,73.54,78.00,88.89,64.00,276.83,4.62,257,101607  
07/02/2010 17:00:00,7.78,77.50,0.00,0.00,0.00,270.75,4.54,257,101563  
07/02/2010 18:00:00,7.43,80.71,0.00,-0.00,0.00,272.85,4.18,258,101533  
07/02/2010 19:00:00,7.08,83.92,0.00,-0.00,0.00,274.95,3.83,259,101503  
07/02/2010 20:00:00,6.73,87.13,0.00,-0.00,0.00,277.05,3.48,261,101473  
07/02/2010 21:00:00,6.45,89.50,0.00,-0.00,0.00,275.62,3.27,262,101417  
07/02/2010 22:00:00,6.16,91.86,0.00,-0.00,0.00,274.18,3.06,264,101360  
07/02/2010 23:00:00,5.88,94.23,0.00,-0.00,0.00,272.75,2.86,266,101304  
08/02/2010 00:00:00,5.42,94.35,0.00,-0.00,0.00,268.45,2.96,262,101224  
08/02/2010 01:00:00,4.96,94.46,0.00,-0.00,0.00,264.15,3.06,258,101144  
08/02/2010 02:00:00,4.50,94.58,0.00,-0.00,0.00,259.85,3.16,254,101064  
08/02/2010 03:00:00,4.32,94.86,0.00,-0.00,0.00,261.32,3.36,254,100974  
08/02/2010 04:00:00,4.14,95.13,0.00,-0.00,0.00,262.78,3.55,253,100884  
08/02/2010 05:00:00,3.96,95.41,0.00,-0.00,0.00,264.25,3.75,253,100795  
08/02/2010 06:00:00,3.98,93.55,0.00,-0.00,0.00,269.18,4.22,252,100765  
08/02/2010 07:00:00,4.00,91.70,0.00,-0.00,0.00,274.12,4.69,251,100735  
08/02/2010 08:00:00,4.03,89.84,73.00,299.55,39.00,279.05,5.16,250,100705  
08/02/2010 09:00:00,4.36,81.81,212.00,504.49,84.00,278.83,5.21,247,100641  
08/02/2010 10:00:00,4.69,73.77,349.00,717.62,88.00,278.62,5.27,245,100578  
08/02/2010 11:00:00,5.02,65.74,427.00,727.14,110.00,278.40,5.32,242,100515  
08/02/2010 12:00:00,5.42,64.54,430.00,584.25,158.00,275.72,5.44,236,100438  
08/02/2010 13:00:00,5.81,63.33,331.00,253.07,217.00,273.03,5.56,229,100362  
08/02/2010 14:00:00,6.21,62.13,137.00,5.11,135.00,270.35,5.68,223,100285  
08/02/2010 15:00:00,6.01,64.33,167.00,109.07,135.00,268.73,4.86,220,100272  
08/02/2010 16:00:00,5.82,66.53,73.00,55.52,64.00,267.12,4.05,217,100259  
08/02/2010 17:00:00,5.62,68.73,0.00,0.00,0.00,265.50,3.23,214,100245

08/02/2010 18:00:00,5.36,73.51,0.00,-0.00,0.00,266.10,3.09,210,100239  
08/02/2010 19:00:00,5.09,78.30,0.00,-0.00,0.00,266.70,2.96,206,100232  
08/02/2010 20:00:00,4.82,83.08,0.00,-0.00,0.00,267.30,2.83,203,100225  
08/02/2010 21:00:00,4.66,85.40,0.00,-0.00,0.00,263.37,3.10,200,100225  
08/02/2010 22:00:00,4.51,87.73,0.00,-0.00,0.00,259.43,3.37,196,100225  
08/02/2010 23:00:00,4.35,90.05,0.00,-0.00,0.00,255.50,3.64,193,100225  
09/02/2010 00:00:00,4.23,89.82,0.00,-0.00,0.00,259.58,3.57,195,100239  
09/02/2010 01:00:00,4.12,89.59,0.00,-0.00,0.00,263.67,3.49,197,100252  
09/02/2010 02:00:00,4.01,89.36,0.00,-0.00,0.00,267.75,3.42,199,100265  
09/02/2010 03:00:00,3.92,89.93,0.00,-0.00,0.00,271.95,3.77,198,100269  
09/02/2010 04:00:00,3.84,90.49,0.00,-0.00,0.00,276.15,4.11,198,100272  
09/02/2010 05:00:00,3.76,91.06,0.00,-0.00,0.00,280.35,4.46,197,100275  
09/02/2010 06:00:00,3.81,89.20,0.00,-0.00,0.00,284.10,5.05,197,100332  
09/02/2010 07:00:00,3.87,87.33,0.00,-0.00,0.00,287.85,5.65,197,100388  
09/02/2010 08:00:00,3.93,85.47,64.00,161.36,45.00,291.60,6.25,197,100445  
09/02/2010 09:00:00,3.93,81.63,214.00,488.00,88.00,290.38,6.49,194,100478  
09/02/2010 10:00:00,3.93,77.80,141.00,8.14,138.00,289.17,6.73,191,100512  
09/02/2010 11:00:00,3.93,73.96,80.00,0.00,80.00,287.95,6.97,188,100545  
09/02/2010 12:00:00,3.92,68.91,81.00,0.00,81.00,290.77,6.83,188,100558  
09/02/2010 13:00:00,3.92,63.87,85.00,0.00,85.00,293.58,6.69,189,100572  
09/02/2010 14:00:00,3.91,58.82,87.00,0.00,87.00,296.40,6.55,189,100585  
09/02/2010 15:00:00,3.82,60.19,139.00,40.24,127.00,294.05,6.02,190,100631  
09/02/2010 16:00:00,3.73,61.57,83.00,89.97,68.00,291.70,5.49,192,100678  
09/02/2010 17:00:00,3.64,62.94,0.00,0.00,0.00,289.35,4.95,194,100725  
09/02/2010 18:00:00,3.47,65.98,0.00,-0.00,0.00,290.07,4.26,196,100801  
09/02/2010 19:00:00,3.30,69.02,0.00,-0.00,0.00,290.78,3.57,198,100878  
09/02/2010 20:00:00,3.13,72.06,0.00,-0.00,0.00,291.50,2.88,200,100954  
09/02/2010 21:00:00,2.98,74.05,0.00,-0.00,0.00,277.50,3.03,201,101008  
09/02/2010 22:00:00,2.83,76.04,0.00,-0.00,0.00,263.50,3.17,202,101061  
09/02/2010 23:00:00,2.68,78.03,0.00,-0.00,0.00,249.50,3.31,203,101114  
10/02/2010 00:00:00,2.42,80.72,0.00,-0.00,0.00,247.25,3.09,204,101141  
10/02/2010 01:00:00,2.17,83.42,0.00,-0.00,0.00,245.00,2.88,206,101167  
10/02/2010 02:00:00,1.92,86.11,0.00,-0.00,0.00,242.75,2.66,208,101194  
10/02/2010 03:00:00,1.92,87.73,0.00,-0.00,0.00,243.15,2.51,208,101201  
10/02/2010 04:00:00,1.92,89.35,0.00,-0.00,0.00,243.55,2.37,209,101207  
10/02/2010 05:00:00,1.92,90.97,0.00,-0.00,0.00,243.95,2.22,209,101214  
10/02/2010 06:00:00,2.24,88.42,0.00,-0.00,0.00,244.50,2.18,207,101234  
10/02/2010 07:00:00,2.57,85.86,0.00,-0.00,0.00,245.05,2.14,206,101254  
10/02/2010 08:00:00,2.90,83.31,77.00,270.32,44.00,245.60,2.10,205,101274  
10/02/2010 09:00:00,3.46,79.65,115.00,30.45,107.00,243.73,3.18,196,101264  
10/02/2010 10:00:00,4.02,75.99,302.00,388.61,157.00,241.87,4.27,188,101254  
10/02/2010 11:00:00,4.58,72.33,433.00,704.57,119.00,240.00,5.35,180,101244  
10/02/2010 12:00:00,4.83,72.74,189.00,8.41,185.00,246.13,5.64,176,101197  
10/02/2010 13:00:00,5.09,73.15,362.00,327.98,211.00,252.27,5.93,173,101151  
10/02/2010 14:00:00,5.34,73.56,163.00,12.45,158.00,258.40,6.22,170,101104  
10/02/2010 15:00:00,5.10,74.29,260.00,521.46,102.00,261.98,6.29,173,101124  
10/02/2010 16:00:00,4.86,75.03,142.00,589.39,41.00,265.57,6.37,176,101144  
10/02/2010 17:00:00,4.62,75.76,0.00,0.00,0.00,269.15,6.44,179,101164  
10/02/2010 18:00:00,4.01,76.39,0.00,-0.00,0.00,265.07,5.97,185,101227  
10/02/2010 19:00:00,3.39,77.01,0.00,-0.00,0.00,260.98,5.50,192,101290

10/02/2010 20:00:00,2.77,77.64,0.00,-0.00,0.00,256.90,5.03,198,101354  
10/02/2010 21:00:00,2.49,77.82,0.00,-0.00,0.00,253.33,5.09,197,101360  
10/02/2010 22:00:00,2.21,78.00,0.00,-0.00,0.00,249.77,5.15,196,101367  
10/02/2010 23:00:00,1.93,78.18,0.00,-0.00,0.00,246.20,5.21,195,101374  
11/02/2010 00:00:00,1.91,79.77,0.00,-0.00,0.00,241.03,5.05,191,101357  
11/02/2010 01:00:00,1.90,81.35,0.00,-0.00,0.00,235.87,4.88,188,101340  
11/02/2010 02:00:00,1.89,82.94,0.00,-0.00,0.00,230.70,4.72,184,101324  
11/02/2010 03:00:00,1.95,83.91,0.00,-0.00,0.00,234.13,5.22,182,101294  
11/02/2010 04:00:00,2.02,84.87,0.00,-0.00,0.00,237.57,5.72,180,101264  
11/02/2010 05:00:00,2.08,85.84,0.00,-0.00,0.00,241.00,6.22,178,101234  
11/02/2010 06:00:00,2.15,84.48,0.00,-0.00,0.00,242.73,6.69,182,101267  
11/02/2010 07:00:00,2.22,83.12,0.00,-0.00,0.00,244.47,7.17,186,101300  
11/02/2010 08:00:00,2.30,81.76,56.00,63.25,48.00,246.20,7.64,190,101334  
11/02/2010 09:00:00,2.44,75.94,204.00,362.77,107.00,251.77,8.40,194,101344  
11/02/2010 10:00:00,2.59,70.11,331.00,515.96,136.00,257.33,9.17,198,101354  
11/02/2010 11:00:00,2.73,64.29,423.00,625.83,141.00,262.90,9.93,201,101364  
11/02/2010 12:00:00,2.82,60.60,492.00,826.33,95.00,254.28,9.87,201,101370  
11/02/2010 13:00:00,2.91,56.92,464.00,756.32,112.00,245.67,9.81,201,101377  
11/02/2010 14:00:00,3.00,53.23,374.00,602.65,129.00,237.05,9.75,201,101384  
11/02/2010 15:00:00,2.96,57.04,186.00,136.44,144.00,241.30,8.34,200,101414  
11/02/2010 16:00:00,2.93,60.86,84.00,73.85,71.00,245.55,6.94,200,101444  
11/02/2010 17:00:00,2.89,64.67,0.00,0.00,0.00,249.80,5.53,199,101473  
11/02/2010 18:00:00,2.73,66.54,0.00,-0.00,0.00,253.18,5.33,198,101527  
11/02/2010 19:00:00,2.57,68.40,0.00,-0.00,0.00,256.57,5.13,198,101580  
11/02/2010 20:00:00,2.40,70.27,0.00,-0.00,0.00,259.95,4.92,198,101633  
11/02/2010 21:00:00,2.32,71.04,0.00,-0.00,0.00,261.68,5.01,197,101653  
11/02/2010 22:00:00,2.25,71.81,0.00,-0.00,0.00,263.42,5.09,197,101673  
11/02/2010 23:00:00,2.17,72.58,0.00,-0.00,0.00,265.15,5.17,196,101693  
12/02/2010 00:00:00,2.08,72.53,0.00,-0.00,0.00,264.85,4.80,198,101713  
12/02/2010 01:00:00,1.99,72.48,0.00,-0.00,0.00,264.55,4.43,200,101733  
12/02/2010 02:00:00,1.91,72.43,0.00,-0.00,0.00,264.25,4.06,202,101753  
12/02/2010 03:00:00,1.89,73.72,0.00,-0.00,0.00,261.23,3.93,202,101760  
12/02/2010 04:00:00,1.87,75.02,0.00,-0.00,0.00,258.22,3.80,202,101766  
12/02/2010 05:00:00,1.85,76.31,0.00,-0.00,0.00,255.20,3.67,203,101773  
12/02/2010 06:00:00,2.00,75.82,0.00,-0.00,0.00,250.75,4.01,204,101810  
12/02/2010 07:00:00,2.16,75.32,0.00,-0.00,0.00,246.30,4.36,204,101846  
12/02/2010 08:00:00,2.32,74.83,95.00,412.26,41.00,241.85,4.70,205,101883  
12/02/2010 09:00:00,2.66,69.27,239.00,584.36,80.00,242.98,5.77,207,101856  
12/02/2010 10:00:00,3.01,63.72,369.00,715.75,95.00,244.12,6.83,209,101830  
12/02/2010 11:00:00,3.35,58.16,439.00,680.42,129.00,245.25,7.89,212,101803  
12/02/2010 12:00:00,3.80,55.80,495.00,813.60,100.00,249.62,7.73,214,101783  
12/02/2010 13:00:00,4.26,53.45,487.00,865.11,80.00,253.98,7.57,216,101763  
12/02/2010 14:00:00,4.71,51.09,409.00,780.04,88.00,258.35,7.41,219,101743  
12/02/2010 15:00:00,4.57,55.72,286.00,646.01,84.00,262.20,6.21,220,101750  
12/02/2010 16:00:00,4.43,60.35,145.00,514.65,52.00,266.05,5.02,221,101756  
12/02/2010 17:00:00,4.30,64.98,0.00,0.00,0.00,269.90,3.82,221,101763  
12/02/2010 18:00:00,3.94,68.75,0.00,-0.00,0.00,261.72,3.43,222,101806  
12/02/2010 19:00:00,3.59,72.51,0.00,-0.00,0.00,253.53,3.03,222,101850  
12/02/2010 20:00:00,3.23,76.28,0.00,-0.00,0.00,245.35,2.63,223,101893  
12/02/2010 21:00:00,2.91,78.91,0.00,-0.00,0.00,241.33,2.64,223,101903

12/02/2010 22:00:00,2.59,81.54,0.00,-0.00,0.00,237.32,2.64,223,101913  
12/02/2010 23:00:00,2.27,84.17,0.00,-0.00,0.00,233.30,2.65,224,101923  
13/02/2010 00:00:00,2.01,84.78,0.00,-0.00,0.00,235.22,2.48,220,101893  
13/02/2010 01:00:00,1.75,85.38,0.00,-0.00,0.00,237.13,2.31,217,101863  
13/02/2010 02:00:00,1.50,85.99,0.00,-0.00,0.00,239.05,2.14,213,101833  
13/02/2010 03:00:00,1.54,86.40,0.00,-0.00,0.00,238.18,2.23,212,101806  
13/02/2010 04:00:00,1.59,86.81,0.00,-0.00,0.00,237.32,2.32,211,101780  
13/02/2010 05:00:00,1.64,87.22,0.00,-0.00,0.00,236.45,2.41,210,101753  
13/02/2010 06:00:00,1.80,86.12,0.00,-0.00,0.00,241.07,2.88,212,101750  
13/02/2010 07:00:00,1.97,85.02,0.00,-0.00,0.00,245.68,3.34,214,101746  
13/02/2010 08:00:00,2.14,83.92,61.00,66.39,52.00,250.30,3.81,217,101743  
13/02/2010 09:00:00,2.30,77.82,245.00,599.56,79.00,254.13,4.29,217,101726  
13/02/2010 10:00:00,2.46,71.71,142.00,5.16,140.00,257.97,4.78,218,101710  
13/02/2010 11:00:00,2.62,65.61,207.00,23.88,196.00,261.80,5.27,218,101693  
13/02/2010 12:00:00,2.90,64.54,283.00,87.65,240.00,267.22,5.51,219,101660  
13/02/2010 13:00:00,3.19,63.46,326.00,187.15,237.00,272.63,5.75,220,101627  
13/02/2010 14:00:00,3.47,62.39,369.00,523.37,151.00,278.05,5.99,220,101593  
13/02/2010 15:00:00,3.19,64.56,274.00,522.72,108.00,276.78,5.36,221,101590  
13/02/2010 16:00:00,2.92,66.74,93.00,80.91,78.00,275.52,4.73,222,101587  
13/02/2010 17:00:00,2.64,68.91,0.00,0.00,0.00,274.25,4.10,223,101583  
13/02/2010 18:00:00,2.32,69.39,0.00,-0.00,0.00,272.32,3.71,224,101617  
13/02/2010 19:00:00,2.00,69.86,0.00,-0.00,0.00,270.38,3.31,224,101650  
13/02/2010 20:00:00,1.68,70.34,0.00,-0.00,0.00,268.45,2.92,224,101683  
13/02/2010 21:00:00,1.50,70.89,0.00,-0.00,0.00,270.77,2.49,223,101686  
13/02/2010 22:00:00,1.32,71.44,0.00,-0.00,0.00,273.08,2.06,222,101690  
13/02/2010 23:00:00,1.14,71.99,0.00,-0.00,0.00,275.40,1.63,222,101693  
14/02/2010 00:00:00,0.90,77.61,0.00,-0.00,0.00,275.50,1.87,221,101673  
14/02/2010 01:00:00,0.66,83.23,0.00,-0.00,0.00,275.60,2.11,221,101653  
14/02/2010 02:00:00,0.42,88.85,0.00,-0.00,0.00,275.70,2.34,221,101633  
14/02/2010 03:00:00,0.39,88.79,0.00,-0.00,0.00,269.87,2.18,220,101607  
14/02/2010 04:00:00,0.36,88.74,0.00,-0.00,0.00,264.03,2.02,220,101580  
14/02/2010 05:00:00,0.33,88.68,0.00,-0.00,0.00,258.20,1.86,219,101553  
14/02/2010 06:00:00,0.45,85.31,0.00,-0.00,0.00,254.95,2.13,223,101567  
14/02/2010 07:00:00,0.58,81.93,0.00,-0.00,0.00,251.70,2.40,227,101580  
14/02/2010 08:00:00,0.71,78.56,96.00,335.21,49.00,248.45,2.66,231,101593  
14/02/2010 09:00:00,0.90,71.21,191.00,227.18,127.00,252.28,2.98,232,101577  
14/02/2010 10:00:00,1.09,63.86,252.00,157.86,190.00,256.12,3.30,232,101560  
14/02/2010 11:00:00,1.28,56.51,169.00,4.29,167.00,259.95,3.61,233,101543  
14/02/2010 12:00:00,1.33,56.53,165.00,2.02,164.00,265.33,3.94,233,101503  
14/02/2010 13:00:00,1.39,56.56,354.00,249.66,234.00,270.72,4.28,233,101463  
14/02/2010 14:00:00,1.44,56.58,400.00,661.82,121.00,276.10,4.61,233,101424  
14/02/2010 15:00:00,1.43,61.80,292.00,617.13,93.00,279.77,4.02,234,101394  
14/02/2010 16:00:00,1.42,67.02,152.00,499.71,57.00,283.43,3.44,236,101364  
14/02/2010 17:00:00,1.41,72.24,0.00,0.00,0.00,287.10,2.86,237,101334  
14/02/2010 18:00:00,1.38,74.10,0.00,-0.00,0.00,283.48,2.99,240,101347  
14/02/2010 19:00:00,1.35,75.97,0.00,-0.00,0.00,279.87,3.13,243,101360  
14/02/2010 20:00:00,1.32,77.83,0.00,-0.00,0.00,276.25,3.27,246,101374  
14/02/2010 21:00:00,1.32,77.26,0.00,-0.00,0.00,269.98,2.98,247,101354  
14/02/2010 22:00:00,1.32,76.68,0.00,-0.00,0.00,263.72,2.70,247,101334  
14/02/2010 23:00:00,1.32,76.11,0.00,-0.00,0.00,257.45,2.41,247,101314

15/02/2010 00:00:00,1.08,78.21,0.00,-0.00,0.00,251.17,2.24,247,101250  
15/02/2010 01:00:00,0.84,80.30,0.00,-0.00,0.00,244.88,2.06,246,101187  
15/02/2010 02:00:00,0.60,82.40,0.00,-0.00,0.00,238.60,1.89,245,101124  
15/02/2010 03:00:00,0.57,83.05,0.00,-0.00,0.00,236.73,1.81,248,101074  
15/02/2010 04:00:00,0.55,83.69,0.00,-0.00,0.00,234.87,1.72,252,101024  
15/02/2010 05:00:00,0.53,84.34,0.00,-0.00,0.00,233.00,1.64,255,100974  
15/02/2010 06:00:00,0.72,82.46,0.00,-0.00,0.00,232.67,1.26,257,100948  
15/02/2010 07:00:00,0.91,80.58,0.00,-0.00,0.00,232.33,0.87,259,100921  
15/02/2010 08:00:00,1.10,78.70,70.00,82.79,58.00,232.00,0.48,261,100894  
15/02/2010 09:00:00,1.46,73.97,153.00,83.73,129.00,231.37,1.22,260,100854  
15/02/2010 10:00:00,1.83,69.23,205.00,57.82,182.00,230.73,1.96,259,100814  
15/02/2010 11:00:00,2.19,64.50,356.00,280.32,224.00,230.10,2.70,258,100775  
15/02/2010 12:00:00,2.45,66.33,496.00,732.67,129.00,228.00,2.80,255,100705  
15/02/2010 13:00:00,2.71,68.16,511.00,907.77,70.00,225.90,2.89,252,100635  
15/02/2010 14:00:00,2.97,69.99,428.00,804.00,85.00,223.80,2.98,249,100565  
15/02/2010 15:00:00,2.91,75.79,304.00,668.97,85.00,224.62,2.76,248,100515  
15/02/2010 16:00:00,2.85,81.60,159.00,523.52,57.00,225.43,2.54,248,100465  
15/02/2010 17:00:00,2.80,87.40,0.00,0.00,0.00,226.25,2.32,247,100415  
15/02/2010 18:00:00,2.70,89.33,0.00,-0.00,0.00,226.85,2.31,253,100408  
15/02/2010 19:00:00,2.61,91.25,0.00,-0.00,0.00,227.45,2.30,259,100402  
15/02/2010 20:00:00,2.51,93.18,0.00,-0.00,0.00,228.05,2.29,264,100395  
15/02/2010 21:00:00,2.44,93.32,0.00,-0.00,0.00,228.05,2.18,264,100355  
15/02/2010 22:00:00,2.36,93.46,0.00,-0.00,0.00,228.05,2.08,264,100315  
15/02/2010 23:00:00,2.29,93.60,0.00,-0.00,0.00,228.05,1.97,264,100275  
16/02/2010 00:00:00,2.20,93.86,0.00,-0.00,0.00,228.05,2.03,265,100229  
16/02/2010 01:00:00,2.12,94.11,0.00,-0.00,0.00,228.05,2.09,267,100182  
16/02/2010 02:00:00,2.04,94.37,0.00,-0.00,0.00,228.05,2.15,269,100136  
16/02/2010 03:00:00,1.95,93.98,0.00,-0.00,0.00,228.40,2.04,268,100076  
16/02/2010 04:00:00,1.87,93.58,0.00,-0.00,0.00,228.75,1.92,267,100016  
16/02/2010 05:00:00,1.79,93.19,0.00,-0.00,0.00,229.10,1.81,266,99956  
16/02/2010 06:00:00,1.91,89.62,0.00,-0.00,0.00,229.83,2.05,265,99926  
16/02/2010 07:00:00,2.03,86.06,0.00,-0.00,0.00,230.57,2.29,264,99896  
16/02/2010 08:00:00,2.16,82.49,111.00,427.40,47.00,231.30,2.54,263,99866  
16/02/2010 09:00:00,2.66,76.51,258.00,589.83,86.00,232.87,2.74,266,99793  
16/02/2010 10:00:00,3.16,70.53,398.00,771.86,87.00,234.43,2.95,269,99719  
16/02/2010 11:00:00,3.66,64.55,493.00,867.49,80.00,236.00,3.16,273,99646  
16/02/2010 12:00:00,4.03,61.63,522.00,839.72,97.00,244.02,2.97,273,99560  
16/02/2010 13:00:00,4.41,58.71,517.00,910.43,70.00,252.03,2.78,273,99473  
16/02/2010 14:00:00,4.78,55.79,434.00,806.14,86.00,260.05,2.59,273,99387  
16/02/2010 15:00:00,4.85,61.70,310.00,674.11,86.00,274.62,2.57,270,99330  
16/02/2010 16:00:00,4.93,67.60,164.00,531.16,58.00,289.18,2.54,267,99274  
16/02/2010 17:00:00,5.01,73.51,1.00,23.50,0.00,303.75,2.51,264,99217  
16/02/2010 18:00:00,4.92,75.47,0.00,-0.00,0.00,311.07,2.33,265,99180  
16/02/2010 19:00:00,4.83,77.42,0.00,-0.00,0.00,318.38,2.15,265,99144  
16/02/2010 20:00:00,4.74,79.38,0.00,-0.00,0.00,325.70,1.97,266,99107  
16/02/2010 21:00:00,4.74,78.62,0.00,-0.00,0.00,328.08,2.23,268,99047  
16/02/2010 22:00:00,4.73,77.85,0.00,-0.00,0.00,330.47,2.48,270,98987  
16/02/2010 23:00:00,4.73,77.09,0.00,-0.00,0.00,332.85,2.73,272,98927  
17/02/2010 00:00:00,4.57,76.79,0.00,-0.00,0.00,329.72,2.78,263,98901  
17/02/2010 01:00:00,4.42,76.49,0.00,-0.00,0.00,326.58,2.82,253,98874

17/02/2010 02:00:00,4.27,76.19,0.00,-0.00,0.00,323.45,2.87,244,98848  
17/02/2010 03:00:00,4.24,75.01,0.00,-0.00,0.00,321.13,2.83,236,98814  
17/02/2010 04:00:00,4.22,73.84,0.00,-0.00,0.00,318.82,2.79,228,98781  
17/02/2010 05:00:00,4.20,72.66,0.00,-0.00,0.00,316.50,2.74,220,98748  
17/02/2010 06:00:00,4.34,73.84,0.00,-0.00,0.00,317.43,2.38,212,98761  
17/02/2010 07:00:00,4.49,75.01,0.00,-0.00,0.00,318.37,2.01,204,98774  
17/02/2010 08:00:00,4.64,76.19,76.00,90.55,62.00,319.30,1.64,196,98788  
17/02/2010 09:00:00,5.01,74.74,118.00,16.85,113.00,315.67,1.39,173,98801  
17/02/2010 10:00:00,5.39,73.30,166.00,12.25,161.00,312.03,1.14,150,98814  
17/02/2010 11:00:00,5.77,71.85,359.00,265.93,231.00,308.40,0.88,126,98828  
17/02/2010 12:00:00,6.30,69.79,520.00,795.91,113.00,313.00,1.60,109,98834  
17/02/2010 13:00:00,6.84,67.72,488.00,715.48,133.00,317.60,2.33,91,98841  
17/02/2010 14:00:00,7.37,65.66,375.00,464.77,172.00,322.20,3.05,74,98848  
17/02/2010 15:00:00,7.40,72.85,282.00,459.63,127.00,313.37,2.86,72,98887  
17/02/2010 16:00:00,7.43,80.03,166.00,509.05,62.00,304.53,2.68,70,98927  
17/02/2010 17:00:00,7.47,87.22,18.00,106.22,13.00,295.70,2.50,68,98967  
17/02/2010 18:00:00,7.56,90.17,0.00,-0.00,0.00,290.48,2.42,63,99024  
17/02/2010 19:00:00,7.66,93.11,0.00,-0.00,0.00,285.27,2.34,57,99080  
17/02/2010 20:00:00,7.75,96.06,0.00,-0.00,0.00,280.05,2.26,52,99137  
17/02/2010 21:00:00,7.93,96.66,0.00,-0.00,0.00,281.38,2.87,47,99157  
17/02/2010 22:00:00,8.10,97.26,0.00,-0.00,0.00,282.72,3.49,42,99177  
17/02/2010 23:00:00,8.28,97.86,0.00,-0.00,0.00,284.05,4.10,37,99197  
18/02/2010 00:00:00,8.17,98.25,0.00,-0.00,0.00,283.43,4.36,36,99217  
18/02/2010 01:00:00,8.07,98.63,0.00,-0.00,0.00,282.82,4.63,35,99237  
18/02/2010 02:00:00,7.97,99.02,0.00,-0.00,0.00,282.20,4.90,33,99257  
18/02/2010 03:00:00,8.10,96.93,0.00,-0.00,0.00,282.43,5.01,34,99254  
18/02/2010 04:00:00,8.23,94.85,0.00,-0.00,0.00,282.67,5.13,35,99250  
18/02/2010 05:00:00,8.37,92.76,0.00,-0.00,0.00,282.90,5.24,36,99247  
18/02/2010 06:00:00,8.62,89.09,0.00,-0.00,0.00,282.25,5.93,35,99267  
18/02/2010 07:00:00,8.87,85.41,0.00,-0.00,0.00,281.60,6.62,35,99287  
18/02/2010 08:00:00,9.13,81.74,11.00,0.00,11.00,280.95,7.31,35,99307  
18/02/2010 09:00:00,9.23,81.30,285.00,735.69,63.00,280.32,8.21,38,99300  
18/02/2010 10:00:00,9.34,80.86,342.00,413.74,171.00,279.68,9.11,42,99293  
18/02/2010 11:00:00,9.45,80.42,446.00,565.15,171.00,279.05,10.01,46,99287  
18/02/2010 12:00:00,9.46,78.98,242.00,27.10,228.00,278.83,9.85,47,99270  
18/02/2010 13:00:00,9.46,77.54,354.00,211.41,248.00,278.62,9.68,47,99254  
18/02/2010 14:00:00,9.47,76.10,315.00,228.57,214.00,278.40,9.52,48,99237  
18/02/2010 15:00:00,9.09,79.64,290.00,482.22,125.00,278.92,8.26,50,99257  
18/02/2010 16:00:00,8.71,83.18,163.00,435.31,72.00,279.43,7.01,53,99277  
18/02/2010 17:00:00,8.34,86.72,5.00,0.00,5.00,279.95,5.75,55,99297  
18/02/2010 18:00:00,8.10,87.91,0.00,-0.00,0.00,278.78,4.95,58,99340  
18/02/2010 19:00:00,7.87,89.11,0.00,-0.00,0.00,277.62,4.14,62,99383  
18/02/2010 20:00:00,7.64,90.30,0.00,-0.00,0.00,276.45,3.34,65,99427  
18/02/2010 21:00:00,7.46,91.00,0.00,-0.00,0.00,275.53,3.16,75,99427  
18/02/2010 22:00:00,7.27,91.70,0.00,-0.00,0.00,274.62,2.98,86,99427  
18/02/2010 23:00:00,7.09,92.40,0.00,-0.00,0.00,273.70,2.80,96,99427  
19/02/2010 00:00:00,6.79,93.83,0.00,-0.00,0.00,270.30,2.58,108,99453  
19/02/2010 01:00:00,6.50,95.27,0.00,-0.00,0.00,266.90,2.37,120,99480  
19/02/2010 02:00:00,6.21,96.70,0.00,-0.00,0.00,263.50,2.15,132,99506  
19/02/2010 03:00:00,6.02,96.00,0.00,-0.00,0.00,262.72,2.16,137,99523



19/02/2010 04:00:00,5.84,95.30,0.00,-0.00,0.00,261.93,2.16,142,99540  
19/02/2010 05:00:00,5.66,94.60,0.00,-0.00,0.00,261.15,2.17,147,99556  
19/02/2010 06:00:00,5.81,93.88,0.00,-0.00,0.00,261.82,2.42,148,99610  
19/02/2010 07:00:00,5.96,93.16,0.00,0.00,0.00,262.48,2.67,150,99663  
19/02/2010 08:00:00,6.12,92.44,130.00,504.35,47.00,263.15,2.92,151,99716  
19/02/2010 09:00:00,6.51,82.37,287.00,700.51,72.00,260.45,3.50,145,99743  
19/02/2010 10:00:00,6.91,72.30,427.00,857.68,68.00,257.75,4.07,138,99769  
19/02/2010 11:00:00,7.31,62.23,515.00,892.44,76.00,255.05,4.65,131,99796  
19/02/2010 12:00:00,7.58,61.80,404.00,296.97,249.00,256.18,4.90,125,99816  
19/02/2010 13:00:00,7.85,61.37,514.00,793.49,112.00,257.32,5.15,119,99836  
19/02/2010 14:00:00,8.12,60.94,388.00,478.76,174.00,258.45,5.41,113,99856  
19/02/2010 15:00:00,7.78,66.54,260.00,308.26,153.00,262.67,4.42,105,99859  
19/02/2010 16:00:00,7.44,72.13,176.00,519.18,65.00,266.88,3.44,97,99863  
19/02/2010 17:00:00,7.09,77.73,24.00,142.53,16.00,271.10,2.46,89,99866  
19/02/2010 18:00:00,6.85,82.28,0.00,-0.00,0.00,275.27,2.60,85,99906  
19/02/2010 19:00:00,6.61,86.83,0.00,-0.00,0.00,279.43,2.75,81,99946  
19/02/2010 20:00:00,6.37,91.38,0.00,-0.00,0.00,283.60,2.90,77,99986  
19/02/2010 21:00:00,6.58,92.30,0.00,-0.00,0.00,283.73,2.70,74,99986  
19/02/2010 22:00:00,6.78,93.23,0.00,-0.00,0.00,283.87,2.51,70,99986  
19/02/2010 23:00:00,6.99,94.15,0.00,-0.00,0.00,284.00,2.32,67,99986  
20/02/2010 00:00:00,6.73,95.48,0.00,-0.00,0.00,282.15,2.33,71,99976  
20/02/2010 01:00:00,6.47,96.81,0.00,-0.00,0.00,280.30,2.34,75,99966  
20/02/2010 02:00:00,6.21,98.14,0.00,-0.00,0.00,278.45,2.36,79,99956  
20/02/2010 03:00:00,6.19,98.76,0.00,-0.00,0.00,279.10,2.27,83,99956  
20/02/2010 04:00:00,6.18,99.38,0.00,-0.00,0.00,279.75,2.18,88,99956  
20/02/2010 05:00:00,6.16,100.00,0.00,-0.00,0.00,280.40,2.10,92,99956  
20/02/2010 06:00:00,6.36,98.05,0.00,-0.00,0.00,285.10,2.36,93,99996  
20/02/2010 07:00:00,6.57,96.11,0.00,0.00,0.00,289.80,2.62,94,100036  
20/02/2010 08:00:00,6.78,94.16,133.00,489.26,50.00,294.50,2.88,95,100076  
20/02/2010 09:00:00,7.19,83.51,277.00,583.08,95.00,290.03,3.48,92,100086  
20/02/2010 10:00:00,7.60,72.86,422.00,785.60,89.00,285.57,4.07,90,100096  
20/02/2010 11:00:00,8.01,62.21,429.00,454.49,203.00,281.10,4.66,88,100106  
20/02/2010 12:00:00,7.95,63.26,172.00,0.00,172.00,281.47,4.85,81,100092  
20/02/2010 13:00:00,7.88,64.31,494.00,666.18,153.00,281.83,5.04,75,100079  
20/02/2010 14:00:00,7.82,65.36,376.00,406.98,192.00,282.20,5.23,68,100066  
20/02/2010 15:00:00,7.68,70.00,326.00,650.44,97.00,281.10,4.40,66,100059  
20/02/2010 16:00:00,7.54,74.63,182.00,535.35,65.00,280.00,3.57,65,100052  
20/02/2010 17:00:00,7.41,79.27,26.00,115.39,19.00,278.90,2.74,63,100046  
20/02/2010 18:00:00,7.43,83.28,0.00,-0.00,0.00,280.50,2.80,61,100076  
20/02/2010 19:00:00,7.46,87.29,0.00,-0.00,0.00,282.10,2.85,60,100106  
20/02/2010 20:00:00,7.49,91.30,0.00,-0.00,0.00,283.70,2.90,58,100136  
20/02/2010 21:00:00,7.62,92.50,0.00,-0.00,0.00,284.90,2.85,55,100139  
20/02/2010 22:00:00,7.74,93.70,0.00,-0.00,0.00,286.10,2.80,52,100142  
20/02/2010 23:00:00,7.87,94.90,0.00,-0.00,0.00,287.30,2.76,49,100146  
21/02/2010 00:00:00,7.83,95.73,0.00,-0.00,0.00,284.85,2.82,40,100086  
21/02/2010 01:00:00,7.79,96.55,0.00,-0.00,0.00,282.40,2.88,31,100026  
21/02/2010 02:00:00,7.75,97.38,0.00,-0.00,0.00,279.95,2.94,23,99966  
21/02/2010 03:00:00,7.79,98.07,0.00,-0.00,0.00,277.68,3.30,12,99919  
21/02/2010 04:00:00,7.83,98.76,0.00,-0.00,0.00,275.42,3.66,2,99873  
21/02/2010 05:00:00,7.87,99.45,0.00,-0.00,0.00,273.15,4.03,352,99826

21/02/2010 06:00:00,7.90,98.39,0.00,-0.00,0.00,274.38,4.66,344,99776  
21/02/2010 07:00:00,7.94,97.34,0.00,0.00,0.00,275.62,5.30,337,99726  
21/02/2010 08:00:00,7.98,96.28,125.00,354.72,63.00,276.85,5.93,330,99676  
21/02/2010 09:00:00,8.26,87.59,184.00,116.57,147.00,283.70,6.35,332,99580  
21/02/2010 10:00:00,8.54,78.90,329.00,309.86,196.00,290.55,6.78,334,99483  
21/02/2010 11:00:00,8.82,70.21,506.00,775.91,116.00,297.40,7.20,336,99387  
21/02/2010 12:00:00,8.77,68.41,554.00,852.39,100.00,299.58,7.66,340,99287  
21/02/2010 13:00:00,8.72,66.62,517.00,754.15,127.00,301.77,8.12,343,99187  
21/02/2010 14:00:00,8.67,64.82,259.00,85.29,220.00,303.95,8.58,347,99087  
21/02/2010 15:00:00,8.47,72.79,172.00,44.82,156.00,311.93,7.82,345,99041  
21/02/2010 16:00:00,8.28,80.75,104.00,53.74,92.00,319.92,7.06,343,98994  
21/02/2010 17:00:00,8.09,88.72,20.00,30.68,18.00,327.90,6.30,340,98947  
21/02/2010 18:00:00,8.46,92.18,0.00,-0.00,0.00,323.45,6.22,344,98911  
21/02/2010 19:00:00,8.83,95.63,0.00,-0.00,0.00,319.00,6.13,348,98874  
21/02/2010 20:00:00,9.20,99.09,0.00,-0.00,0.00,314.55,6.04,352,98838  
21/02/2010 21:00:00,9.62,98.10,0.00,-0.00,0.00,312.37,6.40,360,98794  
21/02/2010 22:00:00,10.04,97.10,0.00,-0.00,0.00,310.18,6.76,8,98751  
21/02/2010 23:00:00,10.46,96.11,0.00,-0.00,0.00,308.00,7.12,15,98708  
22/02/2010 00:00:00,10.61,94.38,0.00,-0.00,0.00,301.68,7.85,18,98654  
22/02/2010 01:00:00,10.76,92.64,0.00,-0.00,0.00,295.37,8.58,20,98601  
22/02/2010 02:00:00,10.91,90.91,0.00,-0.00,0.00,289.05,9.31,22,98548  
22/02/2010 03:00:00,10.84,90.63,0.00,-0.00,0.00,286.75,9.79,24,98521  
22/02/2010 04:00:00,10.77,90.36,0.00,-0.00,0.00,284.45,10.27,25,98495  
22/02/2010 05:00:00,10.70,90.08,0.00,-0.00,0.00,282.15,10.74,27,98468  
22/02/2010 06:00:00,10.76,89.15,0.00,-0.00,0.00,282.47,10.72,26,98491  
22/02/2010 07:00:00,10.82,88.22,0.00,0.00,0.00,282.78,10.69,26,98515  
22/02/2010 08:00:00,10.89,87.29,122.00,288.92,70.00,283.10,10.66,25,98538  
22/02/2010 09:00:00,10.90,83.98,278.00,523.66,109.00,288.15,10.46,28,98558  
22/02/2010 10:00:00,10.92,80.67,432.00,777.68,94.00,293.20,10.25,30,98578  
22/02/2010 11:00:00,10.93,77.36,532.00,885.75,82.00,298.25,10.04,33,98598  
22/02/2010 12:00:00,10.82,78.62,464.00,444.25,225.00,307.18,9.13,34,98605  
22/02/2010 13:00:00,10.70,79.89,369.00,206.73,261.00,316.12,8.21,34,98611  
22/02/2010 14:00:00,10.59,81.15,169.00,4.33,167.00,325.05,7.30,34,98618  
22/02/2010 15:00:00,10.36,85.30,147.00,13.81,142.00,323.88,6.90,36,98625  
22/02/2010 16:00:00,10.14,89.46,113.00,70.16,97.00,322.72,6.50,37,98631  
22/02/2010 17:00:00,9.91,93.61,14.00,0.00,14.00,321.55,6.10,39,98638  
22/02/2010 18:00:00,9.90,94.20,0.00,-0.00,0.00,318.77,6.91,39,98661  
22/02/2010 19:00:00,9.88,94.80,0.00,-0.00,0.00,315.98,7.72,39,98684  
22/02/2010 20:00:00,9.86,95.39,0.00,-0.00,0.00,313.20,8.54,39,98708  
22/02/2010 21:00:00,9.86,95.56,0.00,-0.00,0.00,313.03,8.27,40,98724  
22/02/2010 22:00:00,9.86,95.74,0.00,-0.00,0.00,312.87,8.00,41,98741  
22/02/2010 23:00:00,9.86,95.91,0.00,-0.00,0.00,312.70,7.72,42,98758  
23/02/2010 00:00:00,9.99,96.02,0.00,-0.00,0.00,313.02,7.88,43,98774  
23/02/2010 01:00:00,10.13,96.14,0.00,-0.00,0.00,313.33,8.03,45,98791  
23/02/2010 02:00:00,10.27,96.25,0.00,-0.00,0.00,313.65,8.18,46,98808  
23/02/2010 03:00:00,10.26,95.49,0.00,-0.00,0.00,311.20,7.91,49,98831  
23/02/2010 04:00:00,10.26,94.74,0.00,-0.00,0.00,308.75,7.65,52,98854  
23/02/2010 05:00:00,10.25,93.98,0.00,-0.00,0.00,306.30,7.38,55,98877  
23/02/2010 06:00:00,10.48,92.41,0.00,-0.00,0.00,301.95,7.60,54,98941  
23/02/2010 07:00:00,10.71,90.83,0.00,0.00,0.00,297.60,7.83,52,99004

23/02/2010 08:00:00,10.94,89.26,59.00,5.40,58.00,293.25,8.06,51,99067  
23/02/2010 09:00:00,10.85,88.06,232.00,256.02,148.00,292.82,8.14,52,99090  
23/02/2010 10:00:00,10.76,86.87,373.00,443.13,178.00,292.38,8.23,52,99114  
23/02/2010 11:00:00,10.67,85.67,126.00,0.00,126.00,291.95,8.32,53,99137  
23/02/2010 12:00:00,10.64,83.48,235.00,16.56,226.00,294.42,8.51,50,99197  
23/02/2010 13:00:00,10.60,81.28,331.00,125.07,265.00,296.88,8.69,47,99257  
23/02/2010 14:00:00,10.57,79.09,367.00,327.26,214.00,299.35,8.88,45,99317  
23/02/2010 15:00:00,10.27,82.06,367.00,836.66,60.00,298.12,7.87,43,99333  
23/02/2010 16:00:00,9.98,85.04,199.00,571.29,66.00,296.88,6.85,41,99350  
23/02/2010 17:00:00,9.69,88.01,27.00,53.86,23.00,295.65,5.83,40,99367  
23/02/2010 18:00:00,9.59,89.50,0.00,-0.00,0.00,295.77,5.70,38,99393  
23/02/2010 19:00:00,9.49,91.00,0.00,-0.00,0.00,295.88,5.57,37,99420  
23/02/2010 20:00:00,9.39,92.49,0.00,-0.00,0.00,296.00,5.43,35,99447  
23/02/2010 21:00:00,9.45,92.60,0.00,-0.00,0.00,295.25,5.20,34,99443  
23/02/2010 22:00:00,9.51,92.70,0.00,-0.00,0.00,294.50,4.96,33,99440  
23/02/2010 23:00:00,9.57,92.81,0.00,-0.00,0.00,293.75,4.72,32,99437  
24/02/2010 00:00:00,9.61,94.51,0.00,-0.00,0.00,301.23,5.48,26,99417  
24/02/2010 01:00:00,9.65,96.21,0.00,-0.00,0.00,308.72,6.23,20,99397  
24/02/2010 02:00:00,9.69,97.91,0.00,-0.00,0.00,316.20,6.99,14,99377  
24/02/2010 03:00:00,9.67,96.02,0.00,-0.00,0.00,313.32,7.42,29,99360  
24/02/2010 04:00:00,9.65,94.12,0.00,-0.00,0.00,310.43,7.85,43,99343  
24/02/2010 05:00:00,9.64,92.23,0.00,-0.00,0.00,307.55,8.28,58,99327  
24/02/2010 06:00:00,9.86,89.41,0.00,-0.00,0.00,302.05,8.92,56,99360  
24/02/2010 07:00:00,10.09,86.60,0.00,0.00,0.00,296.55,9.57,54,99393  
24/02/2010 08:00:00,10.32,83.78,97.00,89.21,80.00,291.05,10.22,52,99427  
24/02/2010 09:00:00,10.30,84.23,132.00,14.99,127.00,290.72,10.82,51,99407  
24/02/2010 10:00:00,10.29,84.67,229.00,53.87,205.00,290.38,11.43,50,99387  
24/02/2010 11:00:00,10.28,85.12,257.00,38.54,237.00,290.05,12.03,50,99367  
24/02/2010 12:00:00,10.38,86.77,137.00,0.00,137.00,294.98,12.79,52,99347  
24/02/2010 13:00:00,10.48,88.42,111.00,0.00,111.00,299.92,13.54,54,99327  
24/02/2010 14:00:00,10.58,90.07,135.00,0.00,135.00,304.85,14.30,56,99307  
24/02/2010 15:00:00,10.37,90.10,118.00,2.69,117.00,307.48,13.32,58,99343  
24/02/2010 16:00:00,10.16,90.14,67.00,0.00,67.00,310.12,12.34,59,99380  
24/02/2010 17:00:00,9.94,90.17,30.00,63.45,25.00,312.75,11.37,61,99417  
24/02/2010 18:00:00,9.81,90.62,0.00,-0.00,0.00,316.52,10.34,59,99493  
24/02/2010 19:00:00,9.67,91.06,0.00,-0.00,0.00,320.28,9.32,58,99570  
24/02/2010 20:00:00,9.53,91.51,0.00,-0.00,0.00,324.05,8.30,56,99646  
24/02/2010 21:00:00,9.50,91.93,0.00,-0.00,0.00,325.05,7.67,55,99693  
24/02/2010 22:00:00,9.46,92.34,0.00,-0.00,0.00,326.05,7.03,54,99739  
24/02/2010 23:00:00,9.43,92.76,0.00,-0.00,0.00,327.05,6.40,52,99786  
25/02/2010 00:00:00,9.48,92.83,0.00,-0.00,0.00,323.62,5.85,41,99756  
25/02/2010 01:00:00,9.53,92.90,0.00,-0.00,0.00,320.18,5.31,30,99726  
25/02/2010 02:00:00,9.58,92.97,0.00,-0.00,0.00,316.75,4.76,19,99696  
25/02/2010 03:00:00,9.50,94.25,0.00,-0.00,0.00,324.48,4.84,8,99600  
25/02/2010 04:00:00,9.43,95.53,0.00,-0.00,0.00,332.22,4.91,357,99503  
25/02/2010 05:00:00,9.35,96.81,0.00,-0.00,0.00,339.95,4.99,346,99407  
25/02/2010 06:00:00,9.85,97.87,0.00,-0.00,0.00,344.40,5.72,351,99264  
25/02/2010 07:00:00,10.35,98.94,0.00,0.00,0.00,348.85,6.45,356,99120  
25/02/2010 08:00:00,10.86,100.00,78.00,25.52,73.00,353.30,7.17,2,98977  
25/02/2010 09:00:00,11.22,96.78,208.00,141.60,160.00,347.97,8.50,13,98881

25/02/2010 10:00:00,11.58,93.56,434.00,687.33,124.00,342.63,9.83,24,98784  
25/02/2010 11:00:00,11.94,90.34,261.00,40.04,240.00,337.30,11.16,36,98688  
25/02/2010 12:00:00,11.93,88.55,132.00,0.00,132.00,328.78,11.05,36,98681  
25/02/2010 13:00:00,11.93,86.77,227.00,13.00,220.00,320.27,10.94,36,98674  
25/02/2010 14:00:00,11.92,84.98,231.00,35.58,214.00,311.75,10.83,36,98668  
25/02/2010 15:00:00,11.46,85.31,181.00,42.46,165.00,309.75,10.03,38,98641  
25/02/2010 16:00:00,11.01,85.64,191.00,429.23,87.00,307.75,9.23,40,98615  
25/02/2010 17:00:00,10.56,85.97,51.00,324.00,24.00,305.75,8.43,42,98588  
25/02/2010 18:00:00,10.17,87.46,0.00,-0.00,0.00,303.30,9.25,42,98535  
25/02/2010 19:00:00,9.79,88.96,0.00,-0.00,0.00,300.85,10.07,42,98481  
25/02/2010 20:00:00,9.41,90.45,0.00,-0.00,0.00,298.40,10.90,42,98428  
25/02/2010 21:00:00,9.38,91.59,0.00,-0.00,0.00,301.27,11.03,46,98388  
25/02/2010 22:00:00,9.34,92.73,0.00,-0.00,0.00,304.13,11.15,50,98348  
25/02/2010 23:00:00,9.31,93.87,0.00,-0.00,0.00,307.00,11.28,54,98308  
26/02/2010 00:00:00,9.04,91.79,0.00,-0.00,0.00,315.38,12.02,64,98498  
26/02/2010 01:00:00,8.77,89.72,0.00,-0.00,0.00,323.77,12.76,73,98688  
26/02/2010 02:00:00,8.51,87.64,0.00,-0.00,0.00,332.15,13.50,83,98877  
26/02/2010 03:00:00,8.48,86.40,0.00,-0.00,0.00,330.18,11.67,87,99094  
26/02/2010 04:00:00,8.46,85.15,0.00,-0.00,0.00,328.22,9.84,91,99310  
26/02/2010 05:00:00,8.44,83.91,0.00,-0.00,0.00,326.25,8.01,94,99526  
26/02/2010 06:00:00,8.73,80.38,0.00,-0.00,0.00,317.90,7.89,93,99670  
26/02/2010 07:00:00,9.02,76.86,0.00,0.00,0.00,309.55,7.77,92,99813  
26/02/2010 08:00:00,9.31,73.33,172.00,615.88,48.00,301.20,7.66,91,99956  
26/02/2010 09:00:00,9.48,67.24,327.00,719.94,79.00,296.65,8.34,90,100042  
26/02/2010 10:00:00,9.65,61.16,412.00,549.77,161.00,292.10,9.03,89,100129  
26/02/2010 11:00:00,9.82,55.07,452.00,430.24,224.00,287.55,9.71,88,100215  
26/02/2010 12:00:00,9.85,56.07,171.00,0.00,171.00,289.37,9.34,85,100285  
26/02/2010 13:00:00,9.87,57.07,263.00,33.11,245.00,291.18,8.97,83,100355  
26/02/2010 14:00:00,9.90,58.07,394.00,376.86,212.00,293.00,8.61,80,100425  
26/02/2010 15:00:00,9.76,63.92,293.00,327.41,168.00,291.05,6.98,70,100442  
26/02/2010 16:00:00,9.62,69.77,168.00,250.98,106.00,289.10,5.36,61,100458  
26/02/2010 17:00:00,9.48,75.62,48.00,216.25,29.00,287.15,3.74,51,100475  
26/02/2010 18:00:00,9.46,77.55,0.00,-0.00,0.00,285.60,4.06,43,100482  
26/02/2010 19:00:00,9.45,79.49,0.00,-0.00,0.00,284.05,4.39,35,100488  
26/02/2010 20:00:00,9.43,81.42,0.00,-0.00,0.00,282.50,4.72,27,100495  
26/02/2010 21:00:00,9.43,81.86,0.00,-0.00,0.00,279.88,5.10,20,100465  
26/02/2010 22:00:00,9.43,82.29,0.00,-0.00,0.00,277.27,5.49,13,100435  
26/02/2010 23:00:00,9.43,82.73,0.00,-0.00,0.00,274.65,5.88,6,100405  
27/02/2010 00:00:00,9.63,83.09,0.00,-0.00,0.00,275.38,6.23,3,100329  
27/02/2010 01:00:00,9.84,83.45,0.00,-0.00,0.00,276.12,6.59,1,100252  
27/02/2010 02:00:00,10.05,83.81,0.00,-0.00,0.00,276.85,6.95,358,100175  
27/02/2010 03:00:00,10.04,83.99,0.00,-0.00,0.00,281.20,6.97,357,100119  
27/02/2010 04:00:00,10.04,84.17,0.00,-0.00,0.00,285.55,7.00,355,100062  
27/02/2010 05:00:00,10.04,84.35,0.00,-0.00,0.00,289.90,7.02,354,100006  
27/02/2010 06:00:00,10.05,83.71,0.00,-0.00,0.00,297.20,7.06,349,99942  
27/02/2010 07:00:00,10.06,83.07,1.00,23.67,0.00,304.50,7.09,345,99879  
27/02/2010 08:00:00,10.08,82.43,158.00,415.85,72.00,311.80,7.13,341,99816  
27/02/2010 09:00:00,10.10,77.45,240.00,219.99,163.00,317.87,6.98,339,99716  
27/02/2010 10:00:00,10.12,72.47,287.00,127.68,228.00,323.93,6.83,336,99616  
27/02/2010 11:00:00,10.14,67.49,267.00,39.22,246.00,330.00,6.68,334,99516

27/02/2010 12:00:00,9.72,72.12,345.00,107.95,284.00,335.00,6.32,326,99317  
27/02/2010 13:00:00,9.30,76.75,97.00,0.00,97.00,340.00,5.97,319,99117  
27/02/2010 14:00:00,8.88,81.38,169.00,2.05,168.00,345.00,5.61,311,98917  
27/02/2010 15:00:00,9.21,86.30,82.00,0.00,82.00,347.70,6.01,317,98684  
27/02/2010 16:00:00,9.54,91.23,79.00,3.97,78.00,350.40,6.41,323,98451  
27/02/2010 17:00:00,9.88,96.15,20.00,0.00,20.00,353.10,6.81,328,98218  
27/02/2010 18:00:00,10.65,95.52,0.00,-0.00,0.00,355.22,7.75,331,97976  
27/02/2010 19:00:00,11.43,94.89,0.00,-0.00,0.00,357.33,8.68,334,97733  
27/02/2010 20:00:00,12.20,94.26,0.00,-0.00,0.00,359.45,9.61,337,97490  
27/02/2010 21:00:00,12.11,90.97,0.00,-0.00,0.00,349.73,9.77,351,97267  
27/02/2010 22:00:00,12.02,87.68,0.00,-0.00,0.00,340.02,9.94,5,97044  
27/02/2010 23:00:00,11.93,84.39,0.00,-0.00,0.00,330.30,10.10,18,96821  
28/02/2010 00:00:00,11.01,88.00,0.00,-0.00,0.00,336.70,10.03,30,96867  
28/02/2010 01:00:00,10.09,91.61,0.00,-0.00,0.00,343.10,9.97,42,96914  
28/02/2010 02:00:00,9.17,95.22,0.00,-0.00,0.00,349.50,9.90,54,96960  
28/02/2010 03:00:00,8.97,93.39,0.00,-0.00,0.00,343.20,10.96,66,97400  
28/02/2010 04:00:00,8.78,91.57,0.00,-0.00,0.00,336.90,12.01,79,97839  
28/02/2010 05:00:00,8.59,89.74,0.00,-0.00,0.00,330.60,13.06,91,98278  
28/02/2010 06:00:00,8.76,87.36,0.00,-0.00,0.00,320.02,11.97,90,98598  
28/02/2010 07:00:00,8.93,84.99,13.00,20.99,12.00,309.43,10.87,89,98917  
28/02/2010 08:00:00,9.10,82.61,166.00,447.45,71.00,298.85,9.78,89,99237  
28/02/2010 09:00:00,9.18,78.67,340.00,728.37,81.00,297.35,9.85,86,99407  
28/02/2010 10:00:00,9.27,74.73,426.00,566.61,161.00,295.85,9.93,84,99576  
28/02/2010 11:00:00,9.36,70.79,404.00,258.78,264.00,294.35,10.00,82,99746  
28/02/2010 12:00:00,9.37,67.09,569.00,732.69,151.00,289.07,9.30,84,99883  
28/02/2010 13:00:00,9.39,63.38,442.00,328.41,260.00,283.78,8.60,85,100019  
28/02/2010 14:00:00,9.40,59.68,374.00,281.84,235.00,278.50,7.90,87,100155  
28/02/2010 15:00:00,9.17,63.02,376.00,717.50,95.00,279.28,6.25,85,100232  
28/02/2010 16:00:00,9.03,76.10,231.00,670.64,59.00,271.18,2.83,84,100309  
28/02/2010 17:00:00,8.73,77.74,55.00,216.73,34.00,272.56,2.84,82,100385  
28/02/2010 18:00:00,8.44,79.38,0.00,-0.00,0.00,273.93,2.85,73,100478  
28/02/2010 19:00:00,8.14,81.02,0.00,-0.00,0.00,275.31,2.86,63,100572  
28/02/2010 20:00:00,7.84,82.66,0.00,-0.00,0.00,276.69,2.87,54,100665  
28/02/2010 21:00:00,7.54,84.31,0.00,-0.00,0.00,278.06,2.88,23,100691  
28/02/2010 22:00:00,7.24,85.95,0.00,-0.00,0.00,279.44,2.89,352,100718  
28/02/2010 23:00:00,6.94,87.59,0.00,-0.00,0.00,280.82,2.89,320,100745  
01/03/2006 00:00:00,6.64,89.23,0.00,-0.00,0.00,282.19,2.90,95,100705  
01/03/2006 01:00:00,6.35,90.87,0.00,-0.00,0.00,283.57,2.91,94,100675  
01/03/2006 02:00:00,6.05,92.51,0.00,-0.00,0.00,284.95,2.92,94,100645  
01/03/2006 03:00:00,5.75,94.15,0.00,-0.00,0.00,286.32,2.93,97,100631  
01/03/2006 04:00:00,5.45,95.79,0.00,-0.00,0.00,287.70,2.94,101,100618  
01/03/2006 05:00:00,5.15,97.43,0.00,-0.00,0.00,289.07,2.95,105,100605  
01/03/2006 06:00:00,4.85,99.07,0.00,-0.00,0.00,290.45,2.96,103,100641  
01/03/2006 07:00:00,4.56,100.00,15.00,17.06,14.00,291.83,2.96,101,100678  
01/03/2006 08:00:00,6.82,83.16,179.00,483.29,71.00,279.55,3.83,100,100715  
01/03/2006 09:00:00,7.18,74.69,274.00,308.04,161.00,282.80,4.27,95,100698  
01/03/2006 10:00:00,7.55,66.22,359.00,279.79,225.00,286.05,4.71,91,100681  
01/03/2006 11:00:00,7.92,57.75,358.00,148.52,276.00,289.30,5.14,86,100665  
01/03/2006 12:00:00,7.61,60.25,531.00,546.97,213.00,302.48,5.25,62,100565  
01/03/2006 13:00:00,7.30,62.75,371.00,155.81,283.00,315.67,5.35,38,100465

01/03/2006 14:00:00,7.00,65.25,263.00,57.61,234.00,328.85,5.45,14,100365  
01/03/2006 15:00:00,7.52,76.83,69.00,0.00,69.00,332.27,6.34,18,100202  
01/03/2006 16:00:00,8.04,88.42,52.00,0.00,52.00,335.68,7.24,22,100039  
01/03/2006 17:00:00,8.56,100.00,6.00,0.00,6.00,339.10,8.14,26,99876  
01/03/2006 18:00:00,9.04,96.09,0.00,-0.00,0.00,332.87,9.56,43,99776  
01/03/2006 19:00:00,9.53,92.19,0.00,-0.00,0.00,326.63,10.98,59,99676  
01/03/2006 20:00:00,10.01,88.28,0.00,-0.00,0.00,320.40,12.40,76,99576  
01/03/2006 21:00:00,9.90,87.63,0.00,-0.00,0.00,313.35,12.53,75,99560  
01/03/2006 22:00:00,9.79,86.99,0.00,-0.00,0.00,306.30,12.67,74,99543  
01/03/2006 23:00:00,9.68,86.34,0.00,-0.00,0.00,299.25,12.80,74,99526  
02/03/2006 00:00:00,9.74,88.62,0.00,-0.00,0.00,297.53,12.36,75,99556  
02/03/2006 01:00:00,9.81,90.89,0.00,-0.00,0.00,295.82,11.92,77,99586  
02/03/2006 02:00:00,9.87,93.17,0.00,-0.00,0.00,294.10,11.48,78,99616  
02/03/2006 03:00:00,9.92,92.08,0.00,-0.00,0.00,298.57,11.89,77,99566  
02/03/2006 04:00:00,9.97,90.98,0.00,-0.00,0.00,303.03,12.31,75,99516  
02/03/2006 05:00:00,10.02,89.89,0.00,-0.00,0.00,307.50,12.73,74,99467  
02/03/2006 06:00:00,10.13,89.03,0.00,-0.00,0.00,312.57,12.52,75,99490  
02/03/2006 07:00:00,10.25,88.17,9.00,0.00,9.00,317.63,12.31,77,99513  
02/03/2006 08:00:00,10.37,87.31,89.00,21.82,84.00,322.70,12.10,78,99536  
02/03/2006 09:00:00,10.18,83.53,247.00,193.29,175.00,326.90,12.14,78,99590  
02/03/2006 10:00:00,9.99,79.76,174.00,4.13,172.00,331.10,12.18,79,99643  
02/03/2006 11:00:00,9.80,75.98,142.00,0.00,142.00,335.30,12.22,79,99696  
02/03/2006 12:00:00,9.67,79.16,128.00,0.00,128.00,336.18,11.03,75,99666  
02/03/2006 13:00:00,9.54,82.33,108.00,0.00,108.00,337.07,9.84,70,99636  
02/03/2006 14:00:00,9.41,85.51,119.00,0.00,119.00,337.95,8.65,66,99606  
02/03/2006 15:00:00,9.37,87.70,119.00,0.00,119.00,343.65,7.95,73,99593  
02/03/2006 16:00:00,9.34,89.90,27.00,0.00,27.00,349.35,7.25,79,99580  
02/03/2006 17:00:00,9.31,92.09,36.00,18.12,34.00,355.05,6.55,86,99566  
02/03/2006 18:00:00,9.16,93.18,0.00,-0.00,0.00,351.78,5.93,89,99636  
02/03/2006 19:00:00,9.02,94.28,0.00,-0.00,0.00,348.52,5.31,92,99706  
02/03/2006 20:00:00,8.87,95.37,0.00,-0.00,0.00,345.25,4.69,96,99776  
02/03/2006 21:00:00,8.56,96.78,0.00,-0.00,0.00,345.52,3.91,90,99789  
02/03/2006 22:00:00,8.25,98.19,0.00,-0.00,0.00,345.78,3.13,84,99803  
02/03/2006 23:00:00,7.93,99.60,0.00,-0.00,0.00,346.05,2.34,79,99816  
03/03/2006 00:00:00,7.93,99.54,0.00,-0.00,0.00,348.53,2.52,57,99729  
03/03/2006 01:00:00,7.92,99.49,0.00,-0.00,0.00,351.02,2.69,36,99643  
03/03/2006 02:00:00,7.91,99.43,0.00,-0.00,0.00,353.50,2.87,14,99556  
03/03/2006 03:00:00,7.88,99.09,0.00,-0.00,0.00,354.62,2.80,38,99497  
03/03/2006 04:00:00,7.84,98.75,0.00,-0.00,0.00,355.73,2.72,62,99437  
03/03/2006 05:00:00,7.80,98.41,0.00,-0.00,0.00,356.85,2.65,86,99377  
03/03/2006 06:00:00,7.58,97.68,0.00,-0.00,0.00,356.50,2.62,114,99427  
03/03/2006 07:00:00,7.35,96.94,21.00,28.68,19.00,356.15,2.59,141,99477  
03/03/2006 08:00:00,7.13,96.21,58.00,0.00,58.00,355.80,2.57,168,99526  
03/03/2006 09:00:00,6.55,96.17,100.00,0.00,100.00,357.27,3.88,185,99536  
03/03/2006 10:00:00,5.97,96.12,108.00,0.00,108.00,358.73,5.19,201,99546  
03/03/2006 11:00:00,5.39,96.08,104.00,0.00,104.00,360.20,6.50,218,99556  
03/03/2006 12:00:00,5.11,93.60,84.00,0.00,84.00,358.03,7.59,218,99576  
03/03/2006 13:00:00,4.83,91.11,153.00,0.00,153.00,355.87,8.69,218,99596  
03/03/2006 14:00:00,4.56,88.63,90.00,0.00,90.00,353.70,9.78,218,99616  
03/03/2006 15:00:00,4.33,85.04,113.00,0.00,113.00,348.92,9.76,217,99663

03/03/2006 16:00:00,4.11,81.45,40.00,0.00,40.00,344.13,9.74,217,99710  
03/03/2006 17:00:00,3.88,77.86,20.00,0.00,20.00,339.35,9.72,216,99756  
03/03/2006 18:00:00,3.88,76.03,0.00,-0.00,0.00,333.72,9.70,213,99863  
03/03/2006 19:00:00,3.89,74.20,0.00,-0.00,0.00,328.08,9.67,210,99969  
03/03/2006 20:00:00,3.89,72.37,0.00,-0.00,0.00,322.45,9.64,207,100076  
03/03/2006 21:00:00,4.04,71.44,0.00,-0.00,0.00,319.30,9.21,204,100165  
03/03/2006 22:00:00,4.19,70.50,0.00,-0.00,0.00,316.15,8.78,202,100255  
03/03/2006 23:00:00,4.34,69.57,0.00,-0.00,0.00,313.00,8.34,199,100345  
04/03/2006 00:00:00,4.37,70.50,0.00,-0.00,0.00,298.38,7.82,194,100482  
04/03/2006 01:00:00,4.41,71.42,0.00,-0.00,0.00,283.77,7.29,189,100618  
04/03/2006 02:00:00,4.45,72.35,0.00,-0.00,0.00,269.15,6.76,184,100755  
04/03/2006 03:00:00,4.61,74.82,0.00,-0.00,0.00,261.30,6.00,181,100808  
04/03/2006 04:00:00,4.77,77.30,0.00,-0.00,0.00,253.45,5.25,177,100861  
04/03/2006 05:00:00,4.93,79.77,0.00,-0.00,0.00,245.60,4.50,174,100914  
04/03/2006 06:00:00,5.50,78.77,0.00,-0.00,0.00,247.13,4.54,164,100991  
04/03/2006 07:00:00,6.06,77.76,33.00,119.39,24.00,248.67,4.58,154,101067  
04/03/2006 08:00:00,6.62,76.76,191.00,453.27,82.00,250.20,4.62,144,101144  
04/03/2006 09:00:00,7.07,72.61,347.00,599.11,117.00,252.87,5.57,143,101174  
04/03/2006 10:00:00,7.52,68.46,482.00,709.83,130.00,255.53,6.51,142,101204  
04/03/2006 11:00:00,7.98,64.31,491.00,451.81,234.00,258.20,7.46,140,101234  
04/03/2006 12:00:00,7.98,63.26,596.00,736.14,156.00,265.03,7.18,138,101297  
04/03/2006 13:00:00,7.99,62.22,474.00,365.14,262.00,271.87,6.89,135,101360  
04/03/2006 14:00:00,8.00,61.17,420.00,368.27,229.00,278.70,6.61,133,101424  
04/03/2006 15:00:00,7.98,62.93,43.00,0.00,43.00,280.90,6.07,136,101450  
04/03/2006 16:00:00,7.97,64.69,197.00,275.13,120.00,283.10,5.54,139,101477  
04/03/2006 17:00:00,7.95,66.45,15.00,0.00,15.00,285.30,5.01,142,101503  
04/03/2006 18:00:00,7.82,72.54,0.00,-0.00,0.00,282.88,4.62,143,101563  
04/03/2006 19:00:00,7.70,78.62,0.00,-0.00,0.00,280.47,4.23,144,101623  
04/03/2006 20:00:00,7.57,84.71,0.00,-0.00,0.00,278.05,3.83,146,101683  
04/03/2006 21:00:00,7.47,88.19,0.00,-0.00,0.00,278.18,3.63,142,101723  
04/03/2006 22:00:00,7.38,91.68,0.00,-0.00,0.00,278.32,3.42,139,101763  
04/03/2006 23:00:00,7.28,95.16,0.00,-0.00,0.00,278.45,3.21,135,101803  
05/03/2006 00:00:00,7.21,96.38,0.00,-0.00,0.00,275.50,3.17,135,101840  
05/03/2006 01:00:00,7.14,97.59,0.00,-0.00,0.00,272.55,3.13,136,101876  
05/03/2006 02:00:00,7.06,98.81,0.00,-0.00,0.00,269.60,3.09,136,101913  
05/03/2006 03:00:00,7.10,97.86,0.00,-0.00,0.00,270.52,3.14,134,101916  
05/03/2006 04:00:00,7.13,96.92,0.00,-0.00,0.00,271.43,3.19,131,101919  
05/03/2006 05:00:00,7.16,95.97,0.00,-0.00,0.00,272.35,3.24,129,101923  
05/03/2006 06:00:00,7.42,92.92,0.00,-0.00,0.00,274.40,3.95,129,101966  
05/03/2006 07:00:00,7.67,89.88,19.00,0.00,19.00,276.45,4.67,128,102009  
05/03/2006 08:00:00,7.92,86.83,209.00,568.63,69.00,278.50,5.38,128,102053  
05/03/2006 09:00:00,8.13,81.53,363.00,664.72,104.00,280.80,5.74,130,102073  
05/03/2006 10:00:00,8.34,76.24,488.00,713.75,130.00,283.10,6.10,132,102093  
05/03/2006 11:00:00,8.55,70.94,490.00,431.76,242.00,285.40,6.46,134,102112  
05/03/2006 12:00:00,8.71,65.16,489.00,351.49,277.00,285.27,6.47,138,102129  
05/03/2006 13:00:00,8.88,59.39,390.00,162.16,295.00,285.13,6.48,141,102146  
05/03/2006 14:00:00,9.05,53.61,148.00,0.00,148.00,285.00,6.50,144,102162  
05/03/2006 15:00:00,8.94,58.91,370.00,532.19,146.00,280.35,5.49,144,102216  
05/03/2006 16:00:00,8.83,64.20,212.00,337.43,116.00,275.70,4.49,143,102269  
05/03/2006 17:00:00,8.72,69.50,76.00,258.53,44.00,271.05,3.49,142,102322

05/03/2006 18:00:00,8.46,77.15,0.00,-0.00,0.00,268.15,3.41,139,102379  
05/03/2006 19:00:00,8.21,84.80,0.00,-0.00,0.00,265.25,3.33,136,102435  
05/03/2006 20:00:00,7.95,92.45,0.00,-0.00,0.00,262.35,3.26,134,102492  
05/03/2006 21:00:00,7.89,94.97,0.00,-0.00,0.00,262.20,3.27,126,102495  
05/03/2006 22:00:00,7.83,97.48,0.00,-0.00,0.00,262.05,3.29,118,102499  
05/03/2006 23:00:00,7.76,100.00,0.00,-0.00,0.00,261.90,3.31,111,102502  
06/03/2006 00:00:00,7.89,100.00,0.00,-0.00,0.00,269.78,3.02,82,102449  
06/03/2006 01:00:00,8.02,100.00,0.00,-0.00,0.00,277.67,2.72,53,102395  
06/03/2006 02:00:00,8.14,100.00,0.00,-0.00,0.00,285.55,2.43,24,102342  
06/03/2006 03:00:00,8.25,100.00,0.00,-0.00,0.00,294.10,2.57,19,102296  
06/03/2006 04:00:00,8.35,100.00,0.00,-0.00,0.00,302.65,2.71,13,102249  
06/03/2006 05:00:00,8.45,100.00,0.00,-0.00,0.00,311.20,2.86,8,102202  
06/03/2006 06:00:00,8.62,100.00,0.00,-0.00,0.00,319.27,3.41,4,102166  
06/03/2006 07:00:00,8.78,100.00,20.00,0.00,20.00,327.33,3.97,1,102129  
06/03/2006 08:00:00,8.94,100.00,29.00,0.00,29.00,335.40,4.52,357,102093  
06/03/2006 09:00:00,9.10,100.00,52.00,0.00,52.00,339.47,5.35,1,101986  
06/03/2006 10:00:00,9.27,100.00,99.00,0.00,99.00,343.53,6.18,4,101879  
06/03/2006 11:00:00,9.44,100.00,103.00,0.00,103.00,347.60,7.01,8,101773  
06/03/2006 12:00:00,9.90,100.00,87.00,0.00,87.00,351.95,6.65,22,101627  
06/03/2006 13:00:00,10.36,100.00,69.00,0.00,69.00,356.30,6.30,37,101480  
06/03/2006 14:00:00,10.82,100.00,83.00,0.00,83.00,360.65,5.94,52,101334  
06/03/2006 15:00:00,10.68,100.00,69.00,0.00,69.00,362.40,6.94,69,101317  
06/03/2006 16:00:00,10.55,100.00,35.00,0.00,35.00,364.15,7.93,85,101300  
06/03/2006 17:00:00,10.41,100.00,20.00,0.00,20.00,365.90,8.92,102,101284  
06/03/2006 18:00:00,10.34,100.00,0.00,-0.00,0.00,365.82,8.77,103,101307  
06/03/2006 19:00:00,10.26,100.00,0.00,-0.00,0.00,365.73,8.62,103,101330  
06/03/2006 20:00:00,10.19,100.00,0.00,-0.00,0.00,365.65,8.47,104,101354  
06/03/2006 21:00:00,10.23,100.00,0.00,-0.00,0.00,366.22,8.49,104,101360  
06/03/2006 22:00:00,10.27,100.00,0.00,-0.00,0.00,366.78,8.51,104,101367  
06/03/2006 23:00:00,10.31,100.00,0.00,-0.00,0.00,367.35,8.54,104,101374  
07/03/2006 00:00:00,10.20,99.54,0.00,-0.00,0.00,366.45,8.39,101,101354  
07/03/2006 01:00:00,10.09,99.09,0.00,-0.00,0.00,365.55,8.23,98,101334  
07/03/2006 02:00:00,9.97,98.63,0.00,-0.00,0.00,364.65,8.08,95,101314  
07/03/2006 03:00:00,9.89,98.22,0.00,-0.00,0.00,363.60,8.26,92,101304  
07/03/2006 04:00:00,9.80,97.82,0.00,-0.00,0.00,362.55,8.43,90,101294  
07/03/2006 05:00:00,9.72,97.41,0.00,-0.00,0.00,361.50,8.61,87,101284  
07/03/2006 06:00:00,9.89,97.18,0.00,-0.00,0.00,360.63,8.52,85,101287  
07/03/2006 07:00:00,10.06,96.95,9.00,0.00,9.00,359.77,8.44,83,101290  
07/03/2006 08:00:00,10.23,96.72,51.00,0.00,51.00,358.90,8.36,81,101294  
07/03/2006 09:00:00,10.34,95.40,61.00,0.00,61.00,359.05,9.12,77,101221  
07/03/2006 10:00:00,10.45,94.07,117.00,0.00,117.00,359.20,9.89,73,101147  
07/03/2006 11:00:00,10.57,92.75,53.00,0.00,53.00,359.35,10.65,69,101074  
07/03/2006 12:00:00,10.76,93.65,56.00,0.00,56.00,360.25,10.98,68,100944  
07/03/2006 13:00:00,10.95,94.54,85.00,0.00,85.00,361.15,11.32,67,100814  
07/03/2006 14:00:00,11.14,95.44,84.00,0.00,84.00,362.05,11.66,66,100685  
07/03/2006 15:00:00,11.00,94.59,61.00,0.00,61.00,362.37,11.95,71,100628  
07/03/2006 16:00:00,10.87,93.74,100.00,6.81,98.00,362.68,12.25,75,100572  
07/03/2006 17:00:00,10.74,92.89,51.00,37.70,46.00,363.00,12.55,79,100515  
07/03/2006 18:00:00,10.44,92.57,0.00,-0.00,0.00,363.18,12.12,83,100568  
07/03/2006 19:00:00,10.13,92.24,0.00,-0.00,0.00,363.37,11.69,86,100621



07/03/2006 20:00:00,9.83,91.92,0.00,-0.00,0.00,363.55,11.26,90,100675  
07/03/2006 21:00:00,9.60,91.97,0.00,-0.00,0.00,359.48,10.72,91,100731  
07/03/2006 22:00:00,9.36,92.02,0.00,-0.00,0.00,355.42,10.19,92,100788  
07/03/2006 23:00:00,9.12,92.07,0.00,-0.00,0.00,351.35,9.66,93,100844  
08/03/2006 00:00:00,9.29,91.08,0.00,-0.00,0.00,343.33,8.96,90,100864  
08/03/2006 01:00:00,9.46,90.10,0.00,-0.00,0.00,335.32,8.26,88,100884  
08/03/2006 02:00:00,9.63,89.11,0.00,-0.00,0.00,327.30,7.56,86,100904  
08/03/2006 03:00:00,9.67,89.40,0.00,-0.00,0.00,323.98,6.82,80,100861  
08/03/2006 04:00:00,9.70,89.70,0.00,-0.00,0.00,320.67,6.08,74,100818  
08/03/2006 05:00:00,9.73,89.99,0.00,-0.00,0.00,317.35,5.34,68,100775  
08/03/2006 06:00:00,9.88,91.32,0.00,-0.00,0.00,328.67,5.68,60,100715  
08/03/2006 07:00:00,10.02,92.66,42.00,81.38,34.00,339.98,6.02,51,100655  
08/03/2006 08:00:00,10.17,93.99,140.00,94.86,115.00,351.30,6.36,42,100595  
08/03/2006 09:00:00,10.32,91.91,74.00,0.00,74.00,350.47,7.97,57,100548  
08/03/2006 10:00:00,10.47,89.83,238.00,26.99,224.00,349.63,9.59,72,100502  
08/03/2006 11:00:00,10.62,87.75,282.00,32.14,263.00,348.80,11.20,86,100455  
08/03/2006 12:00:00,10.51,80.35,444.00,216.35,310.00,329.18,11.27,89,100518  
08/03/2006 13:00:00,10.40,72.96,348.00,86.45,296.00,309.57,11.34,92,100581  
08/03/2006 14:00:00,10.29,65.56,317.00,98.38,264.00,289.95,11.41,95,100645  
08/03/2006 15:00:00,9.88,68.69,309.00,241.22,204.00,287.08,10.89,96,100711  
08/03/2006 16:00:00,9.48,71.83,232.00,388.88,116.00,284.22,10.38,97,100778  
08/03/2006 17:00:00,9.07,74.96,92.00,328.35,47.00,281.35,9.86,98,100844  
08/03/2006 18:00:00,8.89,74.94,0.00,-0.00,0.00,287.67,9.44,97,100904  
08/03/2006 19:00:00,8.71,74.93,0.00,-0.00,0.00,293.98,9.02,96,100964  
08/03/2006 20:00:00,8.53,74.91,0.00,-0.00,0.00,300.30,8.59,96,101024  
08/03/2006 21:00:00,8.52,75.60,0.00,-0.00,0.00,305.93,8.51,92,101011  
08/03/2006 22:00:00,8.52,76.30,0.00,-0.00,0.00,311.57,8.43,88,100998  
08/03/2006 23:00:00,8.52,76.99,0.00,-0.00,0.00,317.20,8.34,85,100984  
09/03/2006 00:00:00,8.37,79.51,0.00,-0.00,0.00,307.52,8.43,88,100981  
09/03/2006 01:00:00,8.23,82.02,0.00,-0.00,0.00,297.83,8.52,91,100978  
09/03/2006 02:00:00,8.09,84.54,0.00,-0.00,0.00,288.15,8.61,94,100974  
09/03/2006 03:00:00,8.48,83.05,0.00,-0.00,0.00,288.47,8.20,97,100968  
09/03/2006 04:00:00,8.87,81.57,0.00,-0.00,0.00,288.78,7.80,100,100961  
09/03/2006 05:00:00,9.26,80.08,0.00,-0.00,0.00,289.10,7.39,102,100954  
09/03/2006 06:00:00,9.49,77.29,0.00,-0.00,0.00,291.28,7.56,105,100964  
09/03/2006 07:00:00,9.72,74.50,61.00,249.71,35.00,293.47,7.73,107,100974  
09/03/2006 08:00:00,9.96,71.71,220.00,482.58,90.00,295.65,7.90,109,100984  
09/03/2006 09:00:00,9.87,68.81,403.00,772.93,84.00,300.73,8.17,109,100958  
09/03/2006 10:00:00,9.78,65.92,505.00,684.67,146.00,305.82,8.45,109,100931  
09/03/2006 11:00:00,9.70,63.02,600.00,762.58,145.00,310.90,8.72,110,100904  
09/03/2006 12:00:00,9.68,67.41,424.00,172.87,316.00,311.25,8.93,108,100901  
09/03/2006 13:00:00,9.67,71.79,369.00,107.14,304.00,311.60,9.14,106,100898  
09/03/2006 14:00:00,9.66,76.18,252.00,27.59,237.00,311.95,9.35,104,100894  
09/03/2006 15:00:00,9.25,81.76,182.00,15.91,175.00,318.43,8.24,106,100868  
09/03/2006 16:00:00,8.85,87.33,61.00,0.00,61.00,324.92,7.13,109,100841  
09/03/2006 17:00:00,8.44,92.91,31.00,0.00,31.00,331.40,6.01,111,100814  
09/03/2006 18:00:00,8.17,93.13,0.00,-0.00,0.00,337.30,5.46,128,100824  
09/03/2006 19:00:00,7.91,93.34,0.00,-0.00,0.00,343.20,4.91,145,100834  
09/03/2006 20:00:00,7.64,93.56,0.00,-0.00,0.00,349.10,4.36,163,100844  
09/03/2006 21:00:00,7.63,93.29,0.00,-0.00,0.00,344.27,4.51,157,100901

09/03/2006 22:00:00,7.62,93.03,0.00,-0.00,0.00,339.43,4.66,151,100958  
09/03/2006 23:00:00,7.62,92.76,0.00,-0.00,0.00,334.60,4.81,145,101014  
10/03/2006 00:00:00,7.76,91.52,0.00,-0.00,0.00,327.58,5.13,142,101087  
10/03/2006 01:00:00,7.91,90.28,0.00,-0.00,0.00,320.57,5.44,138,101161  
10/03/2006 02:00:00,8.05,89.04,0.00,-0.00,0.00,313.55,5.75,135,101234  
10/03/2006 03:00:00,8.06,90.07,0.00,-0.00,0.00,303.30,5.72,137,101290  
10/03/2006 04:00:00,8.06,91.10,0.00,-0.00,0.00,293.05,5.70,139,101347  
10/03/2006 05:00:00,8.06,92.13,0.00,-0.00,0.00,282.80,5.67,142,101404  
10/03/2006 06:00:00,8.27,86.85,0.00,-0.00,0.00,280.27,6.26,143,101493  
10/03/2006 07:00:00,8.47,81.56,67.00,272.83,37.00,277.73,6.85,145,101583  
10/03/2006 08:00:00,8.68,76.28,243.00,635.83,68.00,275.20,7.43,146,101673  
10/03/2006 09:00:00,8.88,69.96,362.00,506.56,150.00,283.13,7.43,145,101716  
10/03/2006 10:00:00,9.09,63.63,529.00,769.76,121.00,291.07,7.43,143,101760  
10/03/2006 11:00:00,9.30,57.31,315.00,51.48,284.00,299.00,7.43,142,101803  
10/03/2006 12:00:00,9.44,57.15,346.00,65.07,305.00,306.45,7.27,141,101846  
10/03/2006 13:00:00,9.59,57.00,294.00,31.06,275.00,313.90,7.11,140,101889  
10/03/2006 14:00:00,9.74,56.84,321.00,94.79,269.00,321.35,6.95,139,101933  
10/03/2006 15:00:00,9.57,61.36,369.00,427.19,179.00,320.28,5.89,140,101963  
10/03/2006 16:00:00,9.40,65.87,240.00,393.64,119.00,319.22,4.82,141,101993  
10/03/2006 17:00:00,9.24,70.39,101.00,363.45,48.00,318.15,3.75,142,102023  
10/03/2006 18:00:00,8.96,76.94,0.00,-0.00,0.00,312.02,3.31,151,102089  
10/03/2006 19:00:00,8.67,83.49,0.00,-0.00,0.00,305.88,2.88,160,102156  
10/03/2006 20:00:00,8.39,90.04,0.00,-0.00,0.00,299.75,2.44,169,102222  
10/03/2006 21:00:00,8.15,90.41,0.00,-0.00,0.00,297.23,2.46,185,102252  
10/03/2006 22:00:00,7.91,90.78,0.00,-0.00,0.00,294.72,2.48,202,102282  
10/03/2006 23:00:00,7.68,91.15,0.00,-0.00,0.00,292.20,2.50,218,102312  
11/03/2006 00:00:00,7.23,88.36,0.00,-0.00,0.00,296.33,2.57,230,102345  
11/03/2006 01:00:00,6.79,85.56,0.00,-0.00,0.00,300.47,2.63,242,102379  
11/03/2006 02:00:00,6.35,82.77,0.00,-0.00,0.00,304.60,2.70,254,102412  
11/03/2006 03:00:00,6.20,81.78,0.00,-0.00,0.00,309.42,2.96,257,102442  
11/03/2006 04:00:00,6.04,80.78,0.00,-0.00,0.00,314.23,3.21,260,102472  
11/03/2006 05:00:00,5.88,79.79,0.00,-0.00,0.00,319.05,3.46,264,102502  
11/03/2006 06:00:00,5.93,78.21,0.00,-0.00,0.00,322.23,3.84,265,102562  
11/03/2006 07:00:00,5.97,76.62,30.00,0.00,30.00,325.42,4.22,267,102622  
11/03/2006 08:00:00,6.02,75.04,127.00,42.69,115.00,328.60,4.59,269,102682  
11/03/2006 09:00:00,6.17,70.10,274.00,167.33,203.00,329.17,4.47,269,102698  
11/03/2006 10:00:00,6.33,65.15,204.00,7.47,200.00,329.73,4.35,269,102715  
11/03/2006 11:00:00,6.49,60.21,257.00,14.81,248.00,330.30,4.23,270,102732  
11/03/2006 12:00:00,6.55,58.98,382.00,100.72,318.00,326.38,4.29,263,102695  
11/03/2006 13:00:00,6.61,57.74,293.00,29.18,275.00,322.47,4.34,256,102658  
11/03/2006 14:00:00,6.68,56.51,254.00,27.10,239.00,318.55,4.39,250,102622  
11/03/2006 15:00:00,6.67,56.94,259.00,100.12,214.00,310.23,4.28,253,102628  
11/03/2006 16:00:00,6.66,57.36,119.00,12.82,115.00,301.92,4.17,257,102635  
11/03/2006 17:00:00,6.65,57.79,74.00,99.88,59.00,293.60,4.07,261,102642  
11/03/2006 18:00:00,6.26,57.27,0.00,-0.00,0.00,282.57,4.32,265,102678  
11/03/2006 19:00:00,5.86,56.74,0.00,-0.00,0.00,271.53,4.57,269,102715  
11/03/2006 20:00:00,5.47,56.22,0.00,-0.00,0.00,260.50,4.81,274,102751  
11/03/2006 21:00:00,5.05,56.78,0.00,-0.00,0.00,258.20,4.72,275,102761  
11/03/2006 22:00:00,4.64,57.33,0.00,-0.00,0.00,255.90,4.62,275,102771  
11/03/2006 23:00:00,4.22,57.89,0.00,-0.00,0.00,253.60,4.52,276,102781

12/03/2006 00:00:00,3.61,58.11,0.00,-0.00,0.00,252.45,4.87,276,102718  
12/03/2006 01:00:00,3.00,58.34,0.00,-0.00,0.00,251.30,5.22,275,102655  
12/03/2006 02:00:00,2.39,58.56,0.00,-0.00,0.00,250.15,5.57,275,102592  
12/03/2006 03:00:00,2.27,57.35,0.00,-0.00,0.00,248.43,5.55,276,102595  
12/03/2006 04:00:00,2.15,56.15,0.00,-0.00,0.00,246.72,5.54,277,102598  
12/03/2006 05:00:00,2.04,54.94,0.00,-0.00,0.00,245.00,5.52,278,102602  
12/03/2006 06:00:00,2.30,53.71,0.00,-0.00,0.00,243.53,6.00,278,102592  
12/03/2006 07:00:00,2.57,52.47,47.00,41.08,42.00,242.07,6.48,279,102582  
12/03/2006 08:00:00,2.84,51.24,211.00,331.06,116.00,240.60,6.97,279,102572  
12/03/2006 09:00:00,3.48,49.67,365.00,469.65,163.00,240.95,6.64,278,102515  
12/03/2006 10:00:00,4.12,48.10,530.00,718.51,141.00,241.30,6.31,278,102459  
12/03/2006 11:00:00,4.76,46.53,601.00,697.93,173.00,241.65,5.99,277,102402  
12/03/2006 12:00:00,5.40,46.38,666.00,844.32,125.00,243.40,5.95,275,102335  
12/03/2006 13:00:00,6.05,46.24,636.00,803.81,136.00,245.15,5.92,272,102269  
12/03/2006 14:00:00,6.70,46.09,556.00,757.53,133.00,246.90,5.89,270,102202  
12/03/2006 15:00:00,6.87,48.49,422.00,631.96,135.00,249.48,5.32,268,102196  
12/03/2006 16:00:00,7.04,50.88,269.00,524.67,103.00,252.07,4.76,267,102189  
12/03/2006 17:00:00,7.21,53.28,116.00,465.93,44.00,254.65,4.19,265,102182  
12/03/2006 18:00:00,6.91,55.28,0.00,-0.00,0.00,256.47,4.32,266,102202  
12/03/2006 19:00:00,6.61,57.27,0.00,-0.00,0.00,258.28,4.44,268,102222  
12/03/2006 20:00:00,6.31,59.27,0.00,-0.00,0.00,260.10,4.57,269,102242  
12/03/2006 21:00:00,5.99,61.91,0.00,-0.00,0.00,259.70,4.33,270,102232  
12/03/2006 22:00:00,5.67,64.56,0.00,-0.00,0.00,259.30,4.10,272,102222  
12/03/2006 23:00:00,5.36,67.20,0.00,-0.00,0.00,258.90,3.86,273,102212  
13/03/2006 00:00:00,5.04,69.17,0.00,-0.00,0.00,255.87,3.66,271,102176  
13/03/2006 01:00:00,4.72,71.14,0.00,-0.00,0.00,252.83,3.46,270,102139  
13/03/2006 02:00:00,4.40,73.11,0.00,-0.00,0.00,249.80,3.26,268,102102  
13/03/2006 03:00:00,4.22,74.49,0.00,-0.00,0.00,249.83,3.14,266,102093  
13/03/2006 04:00:00,4.03,75.87,0.00,-0.00,0.00,249.87,3.02,264,102083  
13/03/2006 05:00:00,3.85,77.25,0.00,-0.00,0.00,249.90,2.90,262,102073  
13/03/2006 06:00:00,4.05,74.56,0.00,-0.00,0.00,249.87,3.18,262,102069  
13/03/2006 07:00:00,4.25,71.86,81.00,297.81,43.00,249.83,3.46,261,102066  
13/03/2006 08:00:00,4.46,69.17,259.00,618.10,78.00,249.80,3.74,261,102063  
13/03/2006 09:00:00,5.09,64.87,311.55,377.49,147.00,250.47,3.39,258,102023  
13/03/2006 10:00:00,5.72,60.56,566.00,870.10,90.00,251.13,3.04,254,101983  
13/03/2006 11:00:00,6.36,56.26,642.00,848.50,117.00,251.80,2.69,251,101943  
13/03/2006 12:00:00,7.02,53.46,679.00,877.65,112.00,252.57,2.51,246,101883  
13/03/2006 13:00:00,7.68,50.66,635.00,776.57,148.00,253.33,2.32,240,101823  
13/03/2006 14:00:00,8.34,47.86,562.00,759.88,134.00,254.10,2.14,235,101763  
13/03/2006 15:00:00,8.49,55.09,458.00,810.84,86.00,255.75,2.44,228,101760  
13/03/2006 16:00:00,8.64,62.32,266.00,476.85,113.00,257.40,2.74,221,101756  
13/03/2006 17:00:00,8.79,69.55,121.00,472.12,46.00,259.05,3.05,214,101753  
13/03/2006 18:00:00,8.51,74.98,0.00,-0.00,0.00,261.32,3.19,217,101770  
13/03/2006 19:00:00,8.23,80.40,0.00,-0.00,0.00,263.58,3.32,221,101786  
13/03/2006 20:00:00,7.95,85.83,0.00,-0.00,0.00,265.85,3.46,224,101803  
13/03/2006 21:00:00,7.68,87.41,0.00,-0.00,0.00,264.85,3.43,227,101790  
13/03/2006 22:00:00,7.42,88.99,0.00,-0.00,0.00,263.85,3.41,230,101776  
13/03/2006 23:00:00,7.16,90.57,0.00,-0.00,0.00,262.85,3.38,232,101763  
14/03/2006 00:00:00,6.96,88.01,0.00,-0.00,0.00,262.08,3.26,230,101726  
14/03/2006 01:00:00,6.77,85.44,0.00,-0.00,0.00,261.32,3.13,228,101690

14/03/2006 02:00:00,6.58,82.88,0.00,-0.00,0.00,260.55,3.01,226,101653  
14/03/2006 03:00:00,6.37,83.30,0.00,-0.00,0.00,259.70,2.95,226,101633  
14/03/2006 04:00:00,6.16,83.73,0.00,-0.00,0.00,258.85,2.90,227,101613  
14/03/2006 05:00:00,5.95,84.15,0.00,-0.00,0.00,258.00,2.84,227,101593  
14/03/2006 06:00:00,6.17,79.31,0.00,-0.00,0.00,259.77,3.16,228,101623  
14/03/2006 07:00:00,6.39,74.47,38.00,7.49,37.00,261.53,3.48,229,101653  
14/03/2006 08:00:00,6.62,69.63,125.00,26.78,117.00,263.30,3.79,230,101683  
14/03/2006 09:00:00,7.20,63.89,205.00,33.96,190.00,266.90,3.87,229,101666  
14/03/2006 10:00:00,7.79,58.14,217.00,9.05,212.00,270.50,3.94,229,101650  
14/03/2006 11:00:00,8.38,52.40,377.00,104.13,312.00,274.10,4.01,229,101633  
14/03/2006 12:00:00,9.01,49.73,641.00,698.59,186.00,272.05,4.24,227,101607  
14/03/2006 13:00:00,9.64,47.06,554.00,468.24,258.00,270.00,4.46,226,101580  
14/03/2006 14:00:00,10.27,44.39,571.00,776.32,130.00,267.95,4.69,225,101553  
14/03/2006 15:00:00,10.23,48.67,444.00,701.33,119.00,267.72,4.23,225,101567  
14/03/2006 16:00:00,10.19,52.94,303.00,713.19,71.00,267.48,3.76,224,101580  
14/03/2006 17:00:00,10.16,57.22,118.00,398.37,53.00,267.25,3.30,224,101593  
14/03/2006 18:00:00,9.69,59.83,0.00,-0.00,0.00,265.15,3.52,228,101650  
14/03/2006 19:00:00,9.22,62.45,0.00,-0.00,0.00,263.05,3.74,232,101706  
14/03/2006 20:00:00,8.75,65.06,0.00,-0.00,0.00,260.95,3.96,235,101763  
14/03/2006 21:00:00,8.30,66.75,0.00,-0.00,0.00,259.13,3.94,238,101776  
14/03/2006 22:00:00,7.84,68.44,0.00,-0.00,0.00,257.32,3.93,240,101790  
14/03/2006 23:00:00,7.39,70.13,0.00,-0.00,0.00,255.50,3.92,242,101803  
15/03/2006 00:00:00,7.26,71.65,0.00,-0.00,0.00,253.30,3.88,242,101810  
15/03/2006 01:00:00,7.14,73.18,0.00,-0.00,0.00,251.10,3.83,242,101816  
15/03/2006 02:00:00,7.01,74.70,0.00,-0.00,0.00,248.90,3.79,242,101823  
15/03/2006 03:00:00,6.70,76.77,0.00,-0.00,0.00,248.17,3.78,242,101826  
15/03/2006 04:00:00,6.39,78.85,0.00,-0.00,0.00,247.43,3.77,243,101830  
15/03/2006 05:00:00,6.07,80.92,0.00,-0.00,0.00,246.70,3.77,243,101833  
15/03/2006 06:00:00,6.15,77.56,0.00,-0.00,0.00,246.72,4.24,243,101856  
15/03/2006 07:00:00,6.22,74.20,93.00,329.89,47.00,246.73,4.71,243,101879  
15/03/2006 08:00:00,6.30,70.84,272.00,630.33,80.00,246.75,5.19,242,101903  
15/03/2006 09:00:00,6.94,65.95,427.00,701.70,113.00,247.35,5.18,242,101873  
15/03/2006 10:00:00,7.58,61.07,573.00,843.54,102.00,247.95,5.17,242,101843  
15/03/2006 11:00:00,8.23,56.18,655.00,852.83,118.00,248.55,5.16,242,101813  
15/03/2006 12:00:00,8.65,52.58,699.00,913.87,99.00,249.18,5.34,240,101770  
15/03/2006 13:00:00,9.07,48.99,664.00,856.91,118.00,249.82,5.53,238,101726  
15/03/2006 14:00:00,9.49,45.39,582.00,808.23,119.00,250.45,5.71,236,101683  
15/03/2006 15:00:00,9.41,48.97,447.00,690.18,124.00,251.80,5.33,235,101673  
15/03/2006 16:00:00,9.34,52.54,297.00,633.88,88.00,253.15,4.96,234,101663  
15/03/2006 17:00:00,9.26,56.12,117.00,352.33,58.00,254.50,4.58,233,101653  
15/03/2006 18:00:00,8.79,59.02,0.00,-0.00,0.00,255.63,5.02,234,101690  
15/03/2006 19:00:00,8.33,61.91,0.00,-0.00,0.00,256.77,5.46,236,101726  
15/03/2006 20:00:00,7.86,64.81,0.00,-0.00,0.00,257.90,5.90,238,101763  
15/03/2006 21:00:00,7.53,66.64,0.00,-0.00,0.00,258.07,6.02,238,101743  
15/03/2006 22:00:00,7.20,68.48,0.00,-0.00,0.00,258.23,6.13,239,101723  
15/03/2006 23:00:00,6.87,70.31,0.00,-0.00,0.00,258.40,6.25,240,101703  
16/03/2006 00:00:00,6.25,75.87,0.00,-0.00,0.00,255.57,6.21,240,101693  
16/03/2006 01:00:00,5.63,81.42,0.00,-0.00,0.00,252.73,6.17,240,101683  
16/03/2006 02:00:00,5.01,86.98,0.00,-0.00,0.00,249.90,6.12,240,101673  
16/03/2006 03:00:00,4.82,86.57,0.00,-0.00,0.00,250.80,6.39,240,101657

16/03/2006 04:00:00,4.62,86.15,0.00,-0.00,0.00,251.70,6.65,240,101640  
16/03/2006 05:00:00,4.43,85.74,0.00,-0.00,0.00,252.60,6.91,240,101623  
16/03/2006 06:00:00,4.69,80.37,0.00,-0.00,0.00,254.13,7.38,242,101617  
16/03/2006 07:00:00,4.95,75.00,73.00,110.06,57.00,255.67,7.85,244,101610  
16/03/2006 08:00:00,5.22,69.63,261.00,515.32,101.00,257.20,8.32,246,101603  
16/03/2006 09:00:00,6.10,64.75,422.00,642.01,131.00,257.92,8.29,247,101550  
16/03/2006 10:00:00,6.98,59.86,577.00,831.59,108.00,258.63,8.26,249,101497  
16/03/2006 11:00:00,7.86,54.98,661.00,854.99,118.00,259.35,8.23,251,101444  
16/03/2006 12:00:00,8.70,53.23,709.00,933.87,91.00,264.50,8.29,252,101370  
16/03/2006 13:00:00,9.54,51.47,652.00,781.74,150.00,269.65,8.35,253,101297  
16/03/2006 14:00:00,10.39,49.72,449.00,308.16,271.00,274.80,8.41,253,101224  
16/03/2006 15:00:00,10.34,51.72,366.00,325.89,212.00,278.73,8.27,251,101204  
16/03/2006 16:00:00,10.29,53.73,299.00,616.57,93.00,282.67,8.13,249,101184  
16/03/2006 17:00:00,10.24,55.73,123.00,372.69,59.00,286.60,7.99,247,101164  
16/03/2006 18:00:00,9.84,57.19,0.00,-0.00,0.00,291.82,8.13,249,101161  
16/03/2006 19:00:00,9.45,58.66,0.00,-0.00,0.00,297.03,8.28,251,101157  
16/03/2006 20:00:00,9.05,60.12,0.00,-0.00,0.00,302.25,8.43,253,101154  
16/03/2006 21:00:00,8.96,61.47,0.00,-0.00,0.00,307.53,8.30,255,101111  
16/03/2006 22:00:00,8.87,62.83,0.00,-0.00,0.00,312.82,8.18,258,101067  
16/03/2006 23:00:00,8.77,64.18,0.00,-0.00,0.00,318.10,8.06,261,101024  
17/03/2006 00:00:00,8.50,66.10,0.00,-0.00,0.00,321.47,7.98,260,100958  
17/03/2006 01:00:00,8.23,68.03,0.00,-0.00,0.00,324.83,7.91,260,100891  
17/03/2006 02:00:00,7.96,69.95,0.00,-0.00,0.00,328.20,7.83,260,100824  
17/03/2006 03:00:00,7.89,71.03,0.00,-0.00,0.00,330.57,7.77,260,100791  
17/03/2006 04:00:00,7.82,72.11,0.00,-0.00,0.00,332.93,7.70,261,100758  
17/03/2006 05:00:00,7.74,73.19,0.00,-0.00,0.00,335.30,7.63,261,100725  
17/03/2006 06:00:00,7.95,71.43,0.00,-0.00,0.00,337.82,7.73,262,100725  
17/03/2006 07:00:00,8.16,69.68,52.00,19.83,49.00,340.33,7.84,262,100725  
17/03/2006 08:00:00,8.37,67.92,117.00,12.64,113.00,342.85,7.94,263,100725  
17/03/2006 09:00:00,8.87,64.44,284.00,135.07,222.00,343.87,7.83,266,100681  
17/03/2006 10:00:00,9.37,60.95,530.00,598.68,189.00,344.88,7.71,270,100638  
17/03/2006 11:00:00,9.87,57.47,609.00,626.07,208.00,345.90,7.60,273,100595  
17/03/2006 12:00:00,10.17,56.63,666.00,731.70,178.00,343.33,7.37,273,100552  
17/03/2006 13:00:00,10.47,55.78,473.00,233.35,322.00,340.77,7.13,272,100508  
17/03/2006 14:00:00,10.78,54.94,218.00,5.15,215.00,338.20,6.90,271,100465  
17/03/2006 15:00:00,10.73,56.65,119.00,0.00,119.00,342.25,6.54,270,100458  
17/03/2006 16:00:00,10.69,58.36,75.00,0.00,75.00,346.30,6.18,268,100452  
17/03/2006 17:00:00,10.65,60.07,19.00,0.00,19.00,350.35,5.82,266,100445  
17/03/2006 18:00:00,10.49,60.46,0.00,0.00,0.00,349.45,6.02,267,100458  
17/03/2006 19:00:00,10.33,60.86,0.00,-0.00,0.00,348.55,6.22,268,100472  
17/03/2006 20:00:00,10.17,61.25,0.00,-0.00,0.00,347.65,6.41,269,100485  
17/03/2006 21:00:00,10.06,62.74,0.00,-0.00,0.00,346.10,6.45,270,100468  
17/03/2006 22:00:00,9.95,64.23,0.00,-0.00,0.00,344.55,6.48,271,100452  
17/03/2006 23:00:00,9.84,65.72,0.00,-0.00,0.00,343.00,6.51,272,100435  
18/03/2006 00:00:00,9.48,66.97,0.00,-0.00,0.00,330.10,6.35,267,100442  
18/03/2006 01:00:00,9.12,68.22,0.00,-0.00,0.00,317.20,6.19,263,100448  
18/03/2006 02:00:00,8.76,69.47,0.00,-0.00,0.00,304.30,6.03,259,100455  
18/03/2006 03:00:00,8.61,70.55,0.00,-0.00,0.00,303.82,5.91,260,100428  
18/03/2006 04:00:00,8.46,71.64,0.00,-0.00,0.00,303.33,5.80,260,100402  
18/03/2006 05:00:00,8.31,72.72,0.00,-0.00,0.00,302.85,5.68,261,100375

18/03/2006 06:00:00,8.62,71.10,0.00,-0.00,0.00,302.78,5.94,265,100395  
18/03/2006 07:00:00,8.93,69.48,118.00,464.16,45.00,302.72,6.20,270,100415  
18/03/2006 08:00:00,9.24,67.86,131.00,21.72,124.00,302.65,6.46,275,100435  
18/03/2006 09:00:00,9.77,68.12,224.00,40.88,205.00,305.83,6.34,282,100418  
18/03/2006 10:00:00,10.30,68.38,146.00,0.00,146.00,309.02,6.23,288,100402  
18/03/2006 11:00:00,10.84,68.64,175.00,0.00,175.00,312.20,6.12,295,100385  
18/03/2006 12:00:00,11.17,67.10,376.00,69.93,329.00,317.28,5.82,295,100355  
18/03/2006 13:00:00,11.51,65.57,257.00,7.67,252.00,322.37,5.52,296,100325  
18/03/2006 14:00:00,11.85,64.03,85.00,0.00,85.00,327.45,5.21,296,100295  
18/03/2006 15:00:00,11.70,67.47,53.00,0.00,53.00,326.58,4.90,295,100295  
18/03/2006 16:00:00,11.56,70.91,104.00,2.92,103.00,325.72,4.58,294,100295  
18/03/2006 17:00:00,11.41,74.35,51.00,5.55,50.00,324.85,4.26,293,100295  
18/03/2006 18:00:00,11.17,78.29,0.00,0.00,0.00,318.70,4.45,298,100312  
18/03/2006 19:00:00,10.93,82.24,0.00,-0.00,0.00,312.55,4.63,303,100329  
18/03/2006 20:00:00,10.69,86.18,0.00,-0.00,0.00,306.40,4.81,308,100345  
18/03/2006 21:00:00,10.64,88.44,0.00,-0.00,0.00,301.37,4.86,312,100342  
18/03/2006 22:00:00,10.59,90.69,0.00,-0.00,0.00,296.33,4.90,316,100339  
18/03/2006 23:00:00,10.55,92.95,0.00,-0.00,0.00,291.30,4.94,321,100335  
19/03/2006 00:00:00,10.42,93.68,0.00,-0.00,0.00,291.33,4.60,318,100359  
19/03/2006 01:00:00,10.30,94.40,0.00,-0.00,0.00,291.37,4.26,316,100382  
19/03/2006 02:00:00,10.18,95.13,0.00,-0.00,0.00,291.40,3.92,313,100405  
19/03/2006 03:00:00,9.99,95.99,0.00,-0.00,0.00,288.65,3.90,310,100385  
19/03/2006 04:00:00,9.79,96.86,0.00,-0.00,0.00,285.90,3.89,308,100365  
19/03/2006 05:00:00,9.60,97.72,0.00,-0.00,0.00,283.15,3.88,305,100345  
19/03/2006 06:00:00,9.83,96.27,0.00,-0.00,0.00,286.45,4.17,311,100365  
19/03/2006 07:00:00,10.07,94.81,121.00,441.12,49.00,289.75,4.47,316,100385  
19/03/2006 08:00:00,10.31,93.36,302.00,691.82,75.00,293.05,4.77,322,100405  
19/03/2006 09:00:00,10.60,86.19,463.00,771.49,100.00,296.78,4.79,332,100388  
19/03/2006 10:00:00,10.90,79.02,593.00,824.83,114.00,300.52,4.81,342,100372  
19/03/2006 11:00:00,11.20,71.85,395.00,105.96,326.00,304.25,4.83,353,100355  
19/03/2006 12:00:00,11.34,68.19,697.00,810.69,148.00,306.02,4.35,345,100329  
19/03/2006 13:00:00,11.49,64.54,503.05,466.74,196.45,307.78,3.87,338,100302  
19/03/2006 14:00:00,11.64,60.88,379.00,140.27,296.00,309.55,3.39,330,100275  
19/03/2006 15:00:00,11.42,66.50,250.00,55.55,223.00,302.98,3.05,323,100262  
19/03/2006 16:00:00,11.20,72.11,41.00,0.00,41.00,296.42,2.71,316,100249  
19/03/2006 17:00:00,10.98,77.73,93.00,92.18,76.00,289.85,2.37,309,100235  
19/03/2006 18:00:00,10.69,82.59,0.00,0.00,0.00,290.42,2.41,305,100265  
19/03/2006 19:00:00,10.41,87.44,0.00,-0.00,0.00,290.98,2.46,302,100295  
19/03/2006 20:00:00,10.12,92.30,0.00,-0.00,0.00,291.55,2.50,298,100325  
19/03/2006 21:00:00,9.94,94.18,0.00,-0.00,0.00,291.25,2.46,297,100305  
19/03/2006 22:00:00,9.76,96.05,0.00,-0.00,0.00,290.95,2.41,297,100285  
19/03/2006 23:00:00,9.57,97.93,0.00,-0.00,0.00,290.65,2.37,296,100265  
20/03/2006 00:00:00,9.69,98.23,0.00,-0.00,0.00,289.85,2.52,295,100269  
20/03/2006 01:00:00,9.81,98.52,0.00,-0.00,0.00,289.05,2.68,294,100272  
20/03/2006 02:00:00,9.93,98.82,0.00,-0.00,0.00,288.25,2.83,293,100275  
20/03/2006 03:00:00,9.78,99.21,0.00,-0.00,0.00,287.75,2.75,292,100245  
20/03/2006 04:00:00,9.63,99.61,0.00,-0.00,0.00,287.25,2.68,291,100215  
20/03/2006 05:00:00,9.48,100.00,0.00,-0.00,0.00,286.75,2.61,290,100185  
20/03/2006 06:00:00,9.72,97.54,0.00,-0.00,0.00,289.63,2.75,291,100219  
20/03/2006 07:00:00,9.95,95.09,60.00,17.73,57.00,292.52,2.90,292,100252

20/03/2006 08:00:00,10.19,92.63,81.00,0.00,81.00,295.40,3.05,293,100285  
20/03/2006 09:00:00,10.48,86.41,186.00,10.50,181.00,298.90,2.81,308,100265  
20/03/2006 10:00:00,10.78,80.19,248.00,15.35,239.00,302.40,2.58,323,100245  
20/03/2006 11:00:00,11.08,73.97,391.00,95.96,328.00,305.90,2.34,338,100225  
20/03/2006 12:00:00,11.17,77.28,328.00,30.78,307.00,306.30,2.40,351,100225  
20/03/2006 13:00:00,11.27,80.60,414.00,119.38,335.00,306.70,2.46,5,100225  
20/03/2006 14:00:00,11.37,83.91,237.00,10.06,231.00,307.10,2.51,19,100225  
20/03/2006 15:00:00,11.13,87.43,211.00,20.39,201.00,304.23,2.26,20,100222  
20/03/2006 16:00:00,10.90,90.95,63.00,0.00,63.00,301.37,2.00,22,100219  
20/03/2006 17:00:00,10.66,94.47,57.00,5.30,56.00,298.50,1.75,23,100215  
20/03/2006 18:00:00,10.47,96.11,0.00,0.00,0.00,299.27,1.87,24,100245  
20/03/2006 19:00:00,10.27,97.75,0.00,-0.00,0.00,300.03,1.99,25,100275  
20/03/2006 20:00:00,10.08,99.39,0.00,-0.00,0.00,300.80,2.11,27,100305  
20/03/2006 21:00:00,10.03,99.57,0.00,-0.00,0.00,300.53,2.31,27,100295  
20/03/2006 22:00:00,9.98,99.74,0.00,-0.00,0.00,300.27,2.51,28,100285  
20/03/2006 23:00:00,9.94,99.92,0.00,-0.00,0.00,300.00,2.70,28,100275  
21/03/2006 00:00:00,10.06,99.95,0.00,-0.00,0.00,301.93,2.80,27,100285  
21/03/2006 01:00:00,10.19,99.97,0.00,-0.00,0.00,303.87,2.91,26,100295  
21/03/2006 02:00:00,10.31,100.00,0.00,-0.00,0.00,305.80,3.01,24,100305  
21/03/2006 03:00:00,10.28,100.00,0.00,-0.00,0.00,306.55,3.15,22,100279  
21/03/2006 04:00:00,10.24,100.00,0.00,-0.00,0.00,307.30,3.29,21,100252  
21/03/2006 05:00:00,10.20,100.00,0.00,-0.00,0.00,308.05,3.43,19,100225  
21/03/2006 06:00:00,10.34,100.00,0.00,-0.00,0.00,309.00,3.83,21,100242  
21/03/2006 07:00:00,10.47,100.00,21.00,0.00,21.00,309.95,4.23,23,100259  
21/03/2006 08:00:00,10.61,100.00,124.00,8.83,121.00,310.90,4.62,24,100275  
21/03/2006 09:00:00,10.64,97.65,63.00,0.00,63.00,314.15,4.40,26,100282  
21/03/2006 10:00:00,10.68,95.29,118.00,0.00,118.00,317.40,4.18,28,100289  
21/03/2006 11:00:00,10.72,92.94,117.00,0.00,117.00,320.65,3.96,30,100295  
21/03/2006 12:00:00,10.65,90.12,120.00,0.00,120.00,317.30,3.85,48,100289  
21/03/2006 13:00:00,10.58,87.29,140.00,0.00,140.00,313.95,3.75,65,100282  
21/03/2006 14:00:00,10.51,84.47,134.00,0.00,134.00,310.60,3.64,82,100275  
21/03/2006 15:00:00,10.23,85.63,103.00,0.00,103.00,316.27,3.52,91,100302  
21/03/2006 16:00:00,9.95,86.78,90.00,0.00,90.00,321.93,3.39,100,100329  
21/03/2006 17:00:00,9.68,87.94,58.00,5.19,57.00,327.60,3.27,109,100355  
21/03/2006 18:00:00,9.39,88.68,0.00,0.00,0.00,331.23,3.26,113,100415  
21/03/2006 19:00:00,9.11,89.42,0.00,-0.00,0.00,334.87,3.24,116,100475  
21/03/2006 20:00:00,8.82,90.16,0.00,-0.00,0.00,338.50,3.23,120,100535  
21/03/2006 21:00:00,8.69,90.54,0.00,-0.00,0.00,341.68,3.07,115,100538  
21/03/2006 22:00:00,8.56,90.93,0.00,-0.00,0.00,344.87,2.91,111,100542  
21/03/2006 23:00:00,8.44,91.31,0.00,-0.00,0.00,348.05,2.76,106,100545  
22/03/2006 00:00:00,8.41,93.47,0.00,-0.00,0.00,343.88,2.09,109,100578  
22/03/2006 01:00:00,8.38,95.62,0.00,-0.00,0.00,339.72,1.42,112,100611  
22/03/2006 02:00:00,8.35,97.78,0.00,-0.00,0.00,335.55,0.74,114,100645  
22/03/2006 03:00:00,8.39,97.99,0.00,-0.00,0.00,336.15,0.97,62,100618  
22/03/2006 04:00:00,8.43,98.19,0.00,-0.00,0.00,336.75,1.20,10,100591  
22/03/2006 05:00:00,8.48,98.40,0.00,-0.00,0.00,337.35,1.43,318,100565  
22/03/2006 06:00:00,8.89,95.61,0.00,0.00,0.00,335.82,2.59,324,100562  
22/03/2006 07:00:00,9.30,92.82,48.00,0.00,48.00,334.28,3.75,330,100558  
22/03/2006 08:00:00,9.71,90.03,78.00,0.00,78.00,332.75,4.91,336,100555  
22/03/2006 09:00:00,9.96,83.89,73.00,0.00,73.00,334.95,5.60,339,100495

22/03/2006 10:00:00,10.21,77.74,111.00,0.00,111.00,337.15,6.28,342,100435  
22/03/2006 11:00:00,10.47,71.60,233.00,1.50,232.00,339.35,6.97,346,100375  
22/03/2006 12:00:00,10.66,70.73,471.00,171.89,352.00,343.27,7.04,342,100269  
22/03/2006 13:00:00,10.85,69.87,220.00,1.49,219.00,347.18,7.11,339,100162  
22/03/2006 14:00:00,11.05,69.00,132.00,0.00,132.00,351.10,7.19,335,100056  
22/03/2006 15:00:00,10.95,77.52,43.00,0.00,43.00,353.87,7.41,334,99939  
22/03/2006 16:00:00,10.86,86.04,82.00,0.00,82.00,356.63,7.63,333,99823  
22/03/2006 17:00:00,10.77,94.56,58.00,5.08,57.00,359.40,7.85,332,99706  
22/03/2006 18:00:00,10.88,96.37,0.00,0.00,0.00,361.67,8.41,339,99586  
22/03/2006 19:00:00,10.99,98.19,0.00,-0.00,0.00,363.93,8.97,347,99467  
22/03/2006 20:00:00,11.10,100.00,0.00,-0.00,0.00,366.20,9.53,355,99347  
22/03/2006 21:00:00,11.22,98.89,0.00,-0.00,0.00,364.67,9.64,8,99274  
22/03/2006 22:00:00,11.34,97.79,0.00,-0.00,0.00,363.13,9.74,21,99200  
22/03/2006 23:00:00,11.45,96.68,0.00,-0.00,0.00,361.60,9.85,34,99127  
23/03/2006 00:00:00,11.60,93.89,0.00,-0.00,0.00,351.50,8.60,33,99160  
23/03/2006 01:00:00,11.75,91.10,0.00,-0.00,0.00,341.40,7.35,33,99194  
23/03/2006 02:00:00,11.90,88.31,0.00,-0.00,0.00,331.30,6.10,32,99227  
23/03/2006 03:00:00,11.79,89.67,0.00,-0.00,0.00,330.93,6.29,32,99214  
23/03/2006 04:00:00,11.68,91.03,0.00,-0.00,0.00,330.57,6.48,31,99200  
23/03/2006 05:00:00,11.56,92.39,0.00,-0.00,0.00,330.20,6.68,31,99187  
23/03/2006 06:00:00,11.63,92.69,0.00,0.00,0.00,337.87,7.23,32,99214  
23/03/2006 07:00:00,11.70,93.00,90.00,80.22,75.00,345.53,7.78,33,99240  
23/03/2006 08:00:00,11.77,93.30,222.20,328.34,106.80,353.20,8.33,34,99267  
23/03/2006 09:00:00,11.75,93.49,121.00,0.00,121.00,350.62,8.74,36,99287  
23/03/2006 10:00:00,11.73,93.67,134.00,0.00,134.00,348.03,9.16,39,99307  
23/03/2006 11:00:00,11.71,93.86,123.00,0.00,123.00,345.45,9.57,42,99327  
23/03/2006 12:00:00,11.67,91.48,108.00,0.00,108.00,343.00,9.78,51,99403  
23/03/2006 13:00:00,11.63,89.11,140.00,0.00,140.00,340.55,9.99,60,99480  
23/03/2006 14:00:00,11.60,86.73,122.00,0.00,122.00,338.10,10.19,69,99556  
23/03/2006 15:00:00,11.58,87.07,119.00,0.00,119.00,340.70,9.65,71,99660  
23/03/2006 16:00:00,11.56,87.41,155.00,24.72,146.00,343.30,9.11,74,99763  
23/03/2006 17:00:00,11.55,87.75,93.00,64.66,80.00,345.90,8.57,76,99866  
23/03/2006 18:00:00,11.36,88.55,0.00,0.00,0.00,347.07,8.50,74,99982  
23/03/2006 19:00:00,11.16,89.36,0.00,-0.00,0.00,348.23,8.44,73,100099  
23/03/2006 20:00:00,10.97,90.16,0.00,-0.00,0.00,349.40,8.37,72,100215  
23/03/2006 21:00:00,10.94,89.99,0.00,-0.00,0.00,348.18,8.43,72,100285  
23/03/2006 22:00:00,10.90,89.83,0.00,-0.00,0.00,346.97,8.48,72,100355  
23/03/2006 23:00:00,10.86,89.66,0.00,-0.00,0.00,345.75,8.54,72,100425  
24/03/2006 00:00:00,10.94,89.13,0.00,-0.00,0.00,341.38,7.83,69,100495  
24/03/2006 01:00:00,11.02,88.59,0.00,-0.00,0.00,337.02,7.12,66,100565  
24/03/2006 02:00:00,11.09,88.06,0.00,-0.00,0.00,332.65,6.41,63,100635  
24/03/2006 03:00:00,11.14,91.43,0.00,-0.00,0.00,339.93,6.62,58,100641  
24/03/2006 04:00:00,11.18,94.80,0.00,-0.00,0.00,347.22,6.83,52,100648  
24/03/2006 05:00:00,11.23,98.17,0.00,-0.00,0.00,354.50,7.03,47,100655  
24/03/2006 06:00:00,11.55,97.81,0.00,0.00,0.00,355.13,7.60,49,100695  
24/03/2006 07:00:00,11.88,97.46,72.00,20.74,68.00,355.77,8.17,51,100735  
24/03/2006 08:00:00,12.21,97.10,54.00,0.00,54.00,356.40,8.73,52,100775  
24/03/2006 09:00:00,12.27,95.66,96.00,0.00,96.00,354.85,8.56,53,100831  
24/03/2006 10:00:00,12.34,94.23,92.00,0.00,92.00,353.30,8.39,54,100888  
24/03/2006 11:00:00,12.41,92.79,86.00,0.00,86.00,351.75,8.22,54,100944



24/03/2006 12:00:00,12.46,90.28,69.00,0.00,69.00,339.63,8.05,54,100974  
24/03/2006 13:00:00,12.52,87.76,113.00,0.00,113.00,327.52,7.87,54,101004  
24/03/2006 14:00:00,12.58,85.25,109.00,0.00,109.00,315.40,7.70,53,101034  
24/03/2006 15:00:00,12.46,84.23,98.00,0.00,98.00,313.97,6.86,51,101051  
24/03/2006 16:00:00,12.35,83.21,38.00,0.00,38.00,312.53,6.01,48,101067  
24/03/2006 17:00:00,12.23,82.19,56.00,0.00,56.00,311.10,5.17,46,101084  
24/03/2006 18:00:00,12.23,82.13,0.00,0.00,0.00,315.85,5.05,41,101107  
24/03/2006 19:00:00,12.23,82.08,0.00,-0.00,0.00,320.60,4.93,37,101131  
24/03/2006 20:00:00,12.23,82.02,0.00,-0.00,0.00,325.35,4.81,32,101154  
24/03/2006 21:00:00,12.30,83.77,0.00,-0.00,0.00,326.37,4.86,32,101144  
24/03/2006 22:00:00,12.37,85.53,0.00,-0.00,0.00,327.38,4.91,32,101134  
24/03/2006 23:00:00,12.44,87.28,0.00,-0.00,0.00,328.40,4.95,31,101124  
25/03/2006 00:00:00,12.45,87.28,0.00,-0.00,0.00,329.92,4.85,33,101114  
25/03/2006 01:00:00,12.47,87.27,0.00,-0.00,0.00,331.43,4.75,36,101104  
25/03/2006 02:00:00,12.49,87.27,0.00,-0.00,0.00,332.95,4.65,38,101094  
25/03/2006 03:00:00,12.33,88.27,0.00,-0.00,0.00,333.55,4.08,33,101074  
25/03/2006 04:00:00,12.17,89.27,0.00,-0.00,0.00,334.15,3.52,29,101054  
25/03/2006 05:00:00,12.02,90.27,0.00,-0.00,0.00,334.75,2.95,25,101034  
25/03/2006 06:00:00,12.13,88.50,0.00,0.00,0.00,333.23,3.49,16,101037  
25/03/2006 07:00:00,12.24,86.72,15.00,0.00,15.00,331.72,4.04,8,101041  
25/03/2006 08:00:00,12.35,84.95,65.00,0.00,65.00,330.20,4.58,359,101044  
25/03/2006 09:00:00,12.48,79.71,298.00,107.05,244.00,328.03,5.05,359,100988  
25/03/2006 10:00:00,12.61,74.48,432.00,207.03,305.00,325.87,5.52,359,100931  
25/03/2006 11:00:00,12.74,69.24,646.00,610.95,229.00,323.70,5.99,359,100874  
25/03/2006 12:00:00,13.22,67.23,617.00,451.16,298.00,325.65,6.58,1,100765  
25/03/2006 13:00:00,13.70,65.22,142.00,0.00,142.00,327.60,7.17,3,100655  
25/03/2006 14:00:00,14.18,63.21,210.00,1.62,209.00,329.55,7.77,5,100545  
25/03/2006 15:00:00,13.78,64.23,145.00,0.00,145.00,325.08,7.18,14,100515  
25/03/2006 16:00:00,13.39,65.26,208.00,99.36,171.00,320.62,6.59,23,100485  
25/03/2006 17:00:00,12.99,66.28,26.00,0.00,26.00,316.15,6.00,31,100455  
25/03/2006 18:00:00,12.72,69.65,0.00,0.00,0.00,315.40,5.09,36,100488  
25/03/2006 19:00:00,12.45,73.02,0.00,-0.00,0.00,314.65,4.18,41,100522  
25/03/2006 20:00:00,12.18,76.39,0.00,-0.00,0.00,313.90,3.27,46,100555  
25/03/2006 21:00:00,12.19,79.79,0.00,-0.00,0.00,316.68,3.58,47,100538  
25/03/2006 22:00:00,12.21,83.19,0.00,-0.00,0.00,319.47,3.89,48,100522  
25/03/2006 23:00:00,12.23,86.59,0.00,-0.00,0.00,322.25,4.19,48,100505  
26/03/2006 00:00:00,12.31,87.52,0.00,-0.00,0.00,319.72,4.27,43,100482  
26/03/2006 01:00:00,12.40,88.44,0.00,-0.00,0.00,317.18,4.34,37,100458  
26/03/2006 02:00:00,12.48,89.37,0.00,-0.00,0.00,314.65,4.41,32,100435  
26/03/2006 03:00:00,12.31,90.01,0.00,-0.00,0.00,314.55,5.32,38,100445  
26/03/2006 04:00:00,12.13,90.65,0.00,-0.00,0.00,314.45,6.23,43,100455  
26/03/2006 05:00:00,11.95,91.29,0.00,-0.00,0.00,314.35,7.13,49,100465  
26/03/2006 06:00:00,12.03,90.27,0.00,0.00,0.00,314.25,7.73,50,100515  
26/03/2006 07:00:00,12.11,89.26,157.00,449.50,65.00,314.15,8.34,52,100565  
26/03/2006 08:00:00,12.19,88.24,262.00,268.46,163.00,314.05,8.94,53,100615  
26/03/2006 09:00:00,12.15,84.14,365.00,239.21,243.00,310.97,9.34,54,100645  
26/03/2006 10:00:00,12.11,80.03,356.00,85.65,303.00,307.88,9.74,55,100675  
26/03/2006 11:00:00,12.08,75.93,292.00,13.09,283.00,304.80,10.14,56,100705  
26/03/2006 12:00:00,11.99,73.45,340.00,29.50,319.00,307.77,9.72,58,100748  
26/03/2006 13:00:00,11.90,70.96,512.00,244.95,343.00,310.73,9.30,61,100791

26/03/2006 14:00:00,11.82,68.48,485.00,308.07,293.00,313.70,8.88,63,100834  
26/03/2006 15:00:00,11.61,71.88,343.00,176.24,252.00,311.27,8.17,61,100818  
26/03/2006 16:00:00,11.40,75.27,297.00,385.12,152.00,308.83,7.47,59,100801  
26/03/2006 17:00:00,11.20,78.67,168.00,473.49,67.00,306.40,6.76,57,100785  
26/03/2006 18:00:00,10.99,80.62,0.00,0.00,0.00,303.93,6.65,56,100808  
26/03/2006 19:00:00,10.77,82.56,0.00,-0.00,0.00,301.47,6.55,55,100831  
26/03/2006 20:00:00,10.56,84.51,0.00,-0.00,0.00,299.00,6.44,55,100854  
26/03/2006 21:00:00,10.47,84.97,0.00,-0.00,0.00,297.95,6.52,56,100828  
26/03/2006 22:00:00,10.37,85.43,0.00,-0.00,0.00,296.90,6.61,57,100801  
26/03/2006 23:00:00,10.27,85.89,0.00,-0.00,0.00,295.85,6.69,58,100775  
27/03/2006 00:00:00,10.08,86.34,0.00,-0.00,0.00,298.78,7.03,58,100751  
27/03/2006 01:00:00,9.89,86.78,0.00,-0.00,0.00,301.72,7.36,59,100728  
27/03/2006 02:00:00,9.70,87.23,0.00,-0.00,0.00,304.65,7.70,60,100705  
27/03/2006 03:00:00,9.46,89.61,0.00,-0.00,0.00,304.47,8.09,62,100688  
27/03/2006 04:00:00,9.22,92.00,0.00,-0.00,0.00,304.28,8.49,64,100671  
27/03/2006 05:00:00,8.98,94.38,0.00,-0.00,0.00,304.10,8.88,66,100655  
27/03/2006 06:00:00,9.31,92.12,0.00,0.00,0.00,301.00,8.98,71,100695  
27/03/2006 07:00:00,9.63,89.85,19.00,0.00,19.00,297.90,9.09,76,100735  
27/03/2006 08:00:00,9.96,87.59,166.00,32.04,154.00,294.80,9.19,80,100775  
27/03/2006 09:00:00,10.29,83.80,456.00,525.68,185.00,293.48,9.67,81,100781  
27/03/2006 10:00:00,10.62,80.01,605.00,682.64,179.00,292.17,10.16,82,100788  
27/03/2006 11:00:00,10.96,76.22,423.00,106.83,349.00,290.85,10.65,83,100795  
27/03/2006 12:00:00,10.94,72.72,663.00,556.73,264.00,293.15,10.89,82,100821  
27/03/2006 13:00:00,10.93,69.21,575.00,375.81,314.00,295.45,11.13,81,100848  
27/03/2006 14:00:00,10.92,65.71,352.00,74.89,305.00,297.75,11.37,80,100874  
27/03/2006 15:00:00,10.68,69.06,428.00,401.53,219.00,301.83,10.27,78,100864  
27/03/2006 16:00:00,10.44,72.40,341.00,601.70,112.00,305.92,9.18,76,100854  
27/03/2006 17:00:00,10.21,75.75,131.00,184.04,91.00,310.00,8.08,74,100844  
27/03/2006 18:00:00,10.09,79.23,1.00,23.86,0.00,312.95,7.85,73,100848  
27/03/2006 19:00:00,9.98,82.72,0.00,-0.00,0.00,315.90,7.62,72,100851  
27/03/2006 20:00:00,9.86,86.20,0.00,-0.00,0.00,318.85,7.39,71,100854  
27/03/2006 21:00:00,9.90,88.58,0.00,-0.00,0.00,318.32,7.40,73,100834  
27/03/2006 22:00:00,9.95,90.96,0.00,-0.00,0.00,317.78,7.41,74,100814  
27/03/2006 23:00:00,9.99,93.34,0.00,-0.00,0.00,317.25,7.42,76,100795  
28/03/2006 00:00:00,10.12,93.14,0.00,-0.00,0.00,319.73,7.00,77,100841  
28/03/2006 01:00:00,10.25,92.94,0.00,-0.00,0.00,322.22,6.57,78,100888  
28/03/2006 02:00:00,10.38,92.74,0.00,-0.00,0.00,324.70,6.15,80,100934  
28/03/2006 03:00:00,10.36,93.68,0.00,-0.00,0.00,330.27,5.88,78,100944  
28/03/2006 04:00:00,10.34,94.61,0.00,-0.00,0.00,335.83,5.60,77,100954  
28/03/2006 05:00:00,10.31,95.55,0.00,-0.00,0.00,341.40,5.32,75,100964  
28/03/2006 06:00:00,10.59,92.92,1.00,24.52,0.00,340.50,5.60,72,101008  
28/03/2006 07:00:00,10.87,90.29,124.00,152.52,91.00,339.60,5.87,68,101051  
28/03/2006 08:00:00,11.15,87.66,228.00,134.15,177.00,338.70,6.14,64,101094  
28/03/2006 09:00:00,11.14,87.34,459.00,516.31,190.00,341.65,6.54,59,101091  
28/03/2006 10:00:00,11.14,87.03,487.00,300.34,298.00,344.60,6.94,53,101087  
28/03/2006 11:00:00,11.14,86.71,391.00,70.24,342.00,347.55,7.34,47,101084  
28/03/2006 12:00:00,11.22,85.90,166.00,0.00,166.00,344.72,7.54,42,101091  
28/03/2006 13:00:00,11.30,85.10,163.00,0.00,163.00,341.88,7.74,36,101097  
28/03/2006 14:00:00,11.39,84.29,118.00,0.00,118.00,339.05,7.94,31,101104  
28/03/2006 15:00:00,11.43,86.32,67.00,0.00,67.00,341.03,7.73,27,101054

28/03/2006 16:00:00,11.48,88.36,208.05,230.60,119.35,343.02,7.51,23,101004  
28/03/2006 17:00:00,11.52,90.39,29.00,0.00,29.00,345.00,7.30,19,100954  
28/03/2006 18:00:00,11.41,90.53,2.00,0.00,2.00,345.90,7.65,18,100911  
28/03/2006 19:00:00,11.31,90.67,0.00,-0.00,0.00,346.80,8.00,17,100868  
28/03/2006 20:00:00,11.20,90.81,0.00,-0.00,0.00,347.70,8.34,16,100824  
28/03/2006 21:00:00,11.21,93.87,0.00,-0.00,0.00,352.83,8.94,22,100758  
28/03/2006 22:00:00,11.22,96.94,0.00,-0.00,0.00,357.97,9.54,28,100691  
28/03/2006 23:00:00,11.23,100.00,0.00,-0.00,0.00,363.10,10.14,34,100625  
29/03/2006 00:00:00,11.46,98.26,0.00,-0.00,0.00,363.43,10.32,43,100628  
29/03/2006 01:00:00,11.70,96.51,0.00,-0.00,0.00,363.77,10.50,53,100631  
29/03/2006 02:00:00,11.93,94.77,0.00,-0.00,0.00,364.10,10.68,62,100635  
29/03/2006 03:00:00,11.92,94.79,0.00,-0.00,0.00,362.30,10.05,61,100668  
29/03/2006 04:00:00,11.90,94.82,0.00,-0.00,0.00,360.50,9.43,59,100701  
29/03/2006 05:00:00,11.89,94.84,0.00,-0.00,0.00,358.70,8.80,57,100735  
29/03/2006 06:00:00,12.10,94.56,2.00,0.00,2.00,355.27,8.63,53,100755  
29/03/2006 07:00:00,12.32,94.28,16.00,0.00,16.00,351.83,8.45,49,100775  
29/03/2006 08:00:00,12.54,94.00,39.00,0.00,39.00,348.40,8.28,45,100795  
29/03/2006 09:00:00,12.74,91.15,68.00,0.00,68.00,350.25,9.07,44,100781  
29/03/2006 10:00:00,12.94,88.30,129.00,0.00,129.00,352.10,9.87,43,100768  
29/03/2006 11:00:00,13.15,85.45,598.00,417.02,305.00,353.95,10.66,42,100755  
29/03/2006 12:00:00,12.83,86.94,104.00,0.00,104.00,357.07,10.16,43,100765  
29/03/2006 13:00:00,12.51,88.43,79.00,0.00,79.00,360.18,9.66,45,100775  
29/03/2006 14:00:00,12.19,89.92,87.00,0.00,87.00,363.30,9.16,46,100785  
29/03/2006 15:00:00,12.05,91.06,46.00,0.00,46.00,363.20,9.09,48,100775  
29/03/2006 16:00:00,11.92,92.19,82.00,0.00,82.00,363.10,9.01,50,100765  
29/03/2006 17:00:00,11.79,93.33,38.00,0.00,38.00,363.00,8.94,52,100755  
29/03/2006 18:00:00,11.63,93.36,2.00,0.00,2.00,353.83,8.51,55,100814  
29/03/2006 19:00:00,11.47,93.40,0.00,-0.00,0.00,344.67,8.09,58,100874  
29/03/2006 20:00:00,11.31,93.43,0.00,-0.00,0.00,335.50,7.67,61,100934  
29/03/2006 21:00:00,11.24,92.85,0.00,-0.00,0.00,324.90,7.37,62,100974  
29/03/2006 22:00:00,11.17,92.27,0.00,-0.00,0.00,314.30,7.07,63,101014  
29/03/2006 23:00:00,11.11,91.69,0.00,-0.00,0.00,303.70,6.77,64,101054  
30/03/2006 00:00:00,11.27,90.19,0.00,-0.00,0.00,299.07,6.45,62,101097  
30/03/2006 01:00:00,11.44,88.69,0.00,-0.00,0.00,294.43,6.13,61,101141  
30/03/2006 02:00:00,11.61,87.19,0.00,-0.00,0.00,289.80,5.81,60,101184  
30/03/2006 03:00:00,11.57,89.15,0.00,-0.00,0.00,289.92,5.64,57,101211  
30/03/2006 04:00:00,11.52,91.10,0.00,-0.00,0.00,290.03,5.47,55,101237  
30/03/2006 05:00:00,11.48,93.06,0.00,-0.00,0.00,290.15,5.30,52,101264  
30/03/2006 06:00:00,11.70,87.78,2.00,0.00,2.00,294.33,6.22,53,101287  
30/03/2006 07:00:00,11.93,82.51,93.00,30.71,86.00,298.52,7.14,55,101310  
30/03/2006 08:00:00,12.16,77.23,163.00,20.44,155.00,302.70,8.06,56,101334  
30/03/2006 09:00:00,12.15,75.11,406.00,304.60,244.00,305.30,8.18,56,101340  
30/03/2006 10:00:00,12.15,72.98,349.00,65.66,307.00,307.90,8.30,57,101347  
30/03/2006 11:00:00,12.15,70.86,349.00,35.34,324.00,310.50,8.43,58,101354  
30/03/2006 12:00:00,12.11,70.83,350.00,28.74,329.00,310.52,7.92,57,101350  
30/03/2006 13:00:00,12.08,70.81,397.00,70.64,347.00,310.53,7.41,56,101347  
30/03/2006 14:00:00,12.05,70.78,425.00,160.85,322.00,310.55,6.90,56,101344  
30/03/2006 15:00:00,11.85,74.38,361.00,189.55,260.00,308.35,6.01,51,101307  
30/03/2006 16:00:00,11.65,77.99,322.00,438.05,150.00,306.15,5.13,47,101270  
30/03/2006 17:00:00,11.45,81.59,161.00,309.59,90.00,303.95,4.25,43,101234

30/03/2006 18:00:00,11.33,84.03,3.00,0.00,3.00,302.72,4.10,38,101247  
30/03/2006 19:00:00,11.22,86.48,0.00,-0.00,0.00,301.48,3.95,34,101260  
30/03/2006 20:00:00,11.10,88.92,0.00,-0.00,0.00,300.25,3.81,29,101274  
30/03/2006 21:00:00,11.16,88.55,0.00,-0.00,0.00,300.57,4.00,32,101230  
30/03/2006 22:00:00,11.22,88.19,0.00,-0.00,0.00,300.88,4.20,35,101187  
30/03/2006 23:00:00,11.27,87.82,0.00,-0.00,0.00,301.20,4.40,38,101144  
31/03/2006 00:00:00,11.28,87.58,0.00,-0.00,0.00,303.70,4.41,39,101137  
31/03/2006 01:00:00,11.29,87.35,0.00,-0.00,0.00,306.20,4.43,41,101131  
31/03/2006 02:00:00,11.30,87.11,0.00,-0.00,0.00,308.70,4.44,42,101124  
31/03/2006 03:00:00,11.27,89.05,0.00,-0.00,0.00,307.47,4.65,49,101114  
31/03/2006 04:00:00,11.23,90.98,0.00,-0.00,0.00,306.23,4.86,55,101104  
31/03/2006 05:00:00,11.20,92.92,0.00,-0.00,0.00,305.00,5.08,62,101094  
31/03/2006 06:00:00,11.29,92.42,16.00,17.10,15.00,305.42,5.71,64,101124  
31/03/2006 07:00:00,11.37,91.93,112.00,68.46,96.00,305.83,6.35,67,101154  
31/03/2006 08:00:00,11.46,91.43,307.00,355.17,166.00,306.25,6.99,70,101184  
31/03/2006 09:00:00,11.47,90.19,205.00,7.45,201.00,306.50,7.11,70,101211  
31/03/2006 10:00:00,11.49,88.94,323.00,41.88,296.00,306.75,7.22,69,101237  
31/03/2006 11:00:00,11.50,87.70,562.00,313.05,339.00,307.00,7.34,69,101264  
31/03/2006 12:00:00,11.56,82.02,596.00,342.69,344.00,305.25,7.35,68,101267  
31/03/2006 13:00:00,11.62,76.35,408.00,78.63,352.00,303.50,7.37,67,101270  
31/03/2006 14:00:00,11.68,70.67,518.00,345.99,295.00,301.75,7.38,65,101274  
31/03/2006 15:00:00,11.57,74.60,370.00,203.03,261.00,301.17,6.84,62,101284  
31/03/2006 16:00:00,11.79,89.35,274.00,234.49,181.00,304.25,5.69,60,101294  
31/03/2006 17:00:00,11.49,88.25,78.00,8.57,76.00,301.24,5.63,57,101304  
31/03/2006 18:00:00,11.19,87.15,7.00,0.00,7.00,298.23,5.56,51,101324  
31/03/2006 19:00:00,10.88,86.04,0.00,-0.00,0.00,295.22,5.50,45,101344  
31/03/2006 20:00:00,10.58,84.94,0.00,-0.00,0.00,292.21,5.43,38,101364  
31/03/2006 21:00:00,10.28,83.84,0.00,-0.00,0.00,289.21,5.37,38,101337  
31/03/2006 22:00:00,9.97,82.73,0.00,-0.00,0.00,286.20,5.31,37,101310  
31/03/2006 23:00:00,9.67,81.63,0.00,-0.00,0.00,283.19,5.24,36,101284  
01/04/2009 00:00:00,9.36,80.53,0.00,-0.00,0.00,280.18,5.18,208,101653  
01/04/2009 01:00:00,9.06,79.42,0.00,-0.00,0.00,277.17,5.11,206,101623  
01/04/2009 02:00:00,8.76,78.32,0.00,-0.00,0.00,274.17,5.05,204,101593  
01/04/2009 03:00:00,8.45,77.22,0.00,-0.00,0.00,271.16,4.99,204,101583  
01/04/2009 04:00:00,8.15,76.11,0.00,-0.00,0.00,268.15,4.92,204,101573  
01/04/2009 05:00:00,7.85,75.01,0.00,-0.00,0.00,265.14,4.86,204,101563  
01/04/2009 06:00:00,7.54,73.91,16.00,17.10,15.00,262.13,4.80,206,101573  
01/04/2009 07:00:00,7.24,72.80,171.00,367.97,85.00,259.13,4.73,208,101583  
01/04/2009 08:00:00,8.53,64.85,359.00,629.73,109.00,260.80,5.96,210,101593  
01/04/2009 09:00:00,9.25,60.22,527.00,755.78,121.00,261.57,5.92,210,101550  
01/04/2009 10:00:00,9.96,55.60,649.00,783.25,144.00,262.33,5.88,210,101507  
01/04/2009 11:00:00,10.68,50.97,727.00,798.77,158.00,263.10,5.83,210,101463  
01/04/2009 12:00:00,11.11,48.28,747.00,779.21,174.00,265.95,5.43,214,101417  
01/04/2009 13:00:00,11.55,45.59,723.00,784.86,164.00,268.80,5.03,217,101370  
01/04/2009 14:00:00,11.98,42.90,595.00,580.27,221.00,271.65,4.63,221,101324  
01/04/2009 15:00:00,11.96,46.32,454.00,448.89,213.00,276.07,3.95,214,101320  
01/04/2009 16:00:00,11.95,49.74,205.00,68.08,178.00,280.48,3.27,207,101317  
01/04/2009 17:00:00,11.93,53.16,129.00,128.60,99.00,284.90,2.59,200,101314  
01/04/2009 18:00:00,11.53,57.57,20.00,68.93,16.00,286.63,2.77,198,101350  
01/04/2009 19:00:00,11.12,61.97,0.00,-0.00,0.00,288.37,2.95,197,101387

01/04/2009 20:00:00,10.72,66.38,0.00,-0.00,0.00,290.10,3.13,196,101424  
01/04/2009 21:00:00,10.41,69.02,0.00,-0.00,0.00,297.48,3.13,198,101424  
01/04/2009 22:00:00,10.10,71.67,0.00,-0.00,0.00,304.87,3.12,201,101424  
01/04/2009 23:00:00,9.79,74.31,0.00,-0.00,0.00,312.25,3.12,203,101424  
02/04/2009 00:00:00,9.52,77.89,0.00,-0.00,0.00,303.02,3.10,202,101417  
02/04/2009 01:00:00,9.26,81.46,0.00,-0.00,0.00,293.78,3.08,202,101410  
02/04/2009 02:00:00,8.99,85.04,0.00,-0.00,0.00,284.55,3.06,202,101404  
02/04/2009 03:00:00,8.78,87.57,0.00,-0.00,0.00,283.20,3.01,202,101420  
02/04/2009 04:00:00,8.56,90.10,0.00,-0.00,0.00,281.85,2.96,203,101437  
02/04/2009 05:00:00,8.35,92.63,0.00,-0.00,0.00,280.50,2.91,203,101453  
02/04/2009 06:00:00,8.68,86.13,13.00,0.00,13.00,280.18,2.88,203,101477  
02/04/2009 07:00:00,9.00,79.62,168.00,313.24,93.00,279.87,2.86,202,101500  
02/04/2009 08:00:00,9.32,73.12,356.00,576.36,124.00,279.55,2.83,202,101523  
02/04/2009 09:00:00,9.84,68.29,525.00,718.89,135.00,279.80,2.79,194,101497  
02/04/2009 10:00:00,10.36,63.45,652.00,772.54,150.00,280.05,2.75,185,101470  
02/04/2009 11:00:00,10.88,58.62,740.00,829.69,145.00,280.30,2.72,177,101444  
02/04/2009 12:00:00,11.17,57.03,760.00,809.57,161.00,280.50,2.99,168,101420  
02/04/2009 13:00:00,11.45,55.45,743.00,844.33,138.00,280.70,3.26,160,101397  
02/04/2009 14:00:00,11.74,53.86,654.00,786.24,144.00,280.90,3.53,151,101374  
02/04/2009 15:00:00,11.67,57.32,499.00,610.12,169.00,281.22,3.09,147,101377  
02/04/2009 16:00:00,11.61,60.78,354.00,576.72,123.00,281.53,2.65,142,101380  
02/04/2009 17:00:00,11.54,64.24,170.00,333.04,91.00,281.85,2.21,137,101384  
02/04/2009 18:00:00,11.16,70.55,17.00,32.25,15.00,285.57,2.39,136,101430  
02/04/2009 19:00:00,10.79,76.87,0.00,-0.00,0.00,289.28,2.57,134,101477  
02/04/2009 20:00:00,10.41,83.18,0.00,-0.00,0.00,293.00,2.74,132,101523  
02/04/2009 21:00:00,10.13,85.80,0.00,-0.00,0.00,294.95,2.65,133,101533  
02/04/2009 22:00:00,9.86,88.43,0.00,-0.00,0.00,296.90,2.56,135,101543  
02/04/2009 23:00:00,9.58,91.05,0.00,-0.00,0.00,298.85,2.47,136,101553  
03/04/2009 00:00:00,9.54,91.64,0.00,-0.00,0.00,299.83,2.34,139,101563  
03/04/2009 01:00:00,9.51,92.23,0.00,-0.00,0.00,300.82,2.20,143,101573  
03/04/2009 02:00:00,9.47,92.82,0.00,-0.00,0.00,301.80,2.07,146,101583  
03/04/2009 03:00:00,9.39,92.93,0.00,-0.00,0.00,302.22,2.06,140,101590  
03/04/2009 04:00:00,9.31,93.05,0.00,-0.00,0.00,302.63,2.04,134,101597  
03/04/2009 05:00:00,9.22,93.16,0.00,-0.00,0.00,303.05,2.03,128,101603  
03/04/2009 06:00:00,9.50,89.13,13.00,0.00,13.00,301.77,2.03,116,101643  
03/04/2009 07:00:00,9.77,85.10,90.00,16.32,86.00,300.48,2.03,104,101683  
03/04/2009 08:00:00,10.05,81.07,156.00,12.25,151.00,299.20,2.03,92,101723  
03/04/2009 09:00:00,10.25,73.98,191.00,3.65,189.00,298.08,2.68,92,101716  
03/04/2009 10:00:00,10.46,66.89,188.00,0.00,188.00,296.97,3.32,92,101710  
03/04/2009 11:00:00,10.66,59.80,212.00,0.00,212.00,295.85,3.97,92,101703  
03/04/2009 12:00:00,10.35,59.68,420.00,72.54,366.00,303.02,4.16,89,101703  
03/04/2009 13:00:00,10.05,59.56,740.00,815.75,152.00,310.18,4.34,85,101703  
03/04/2009 14:00:00,9.74,59.44,611.00,606.67,215.00,317.35,4.52,81,101703  
03/04/2009 15:00:00,9.36,63.22,481.00,521.26,197.00,323.15,4.44,80,101713  
03/04/2009 16:00:00,8.99,67.00,364.00,613.20,116.00,328.95,4.36,79,101723  
03/04/2009 17:00:00,8.61,70.78,128.00,107.83,102.00,334.75,4.28,78,101733  
03/04/2009 18:00:00,8.38,75.70,11.00,0.00,11.00,327.05,3.94,78,101800  
03/04/2009 19:00:00,8.16,80.61,0.00,-0.00,0.00,319.35,3.61,79,101866  
03/04/2009 20:00:00,7.93,85.53,0.00,-0.00,0.00,311.65,3.28,80,101933  
03/04/2009 21:00:00,8.00,87.52,0.00,-0.00,0.00,306.18,3.02,75,101929

03/04/2009 22:00:00,8.06,89.50,0.00,-0.00,0.00,300.72,2.76,71,101926  
03/04/2009 23:00:00,8.13,91.49,0.00,-0.00,0.00,295.25,2.50,66,101923  
04/04/2009 00:00:00,8.24,92.22,0.00,-0.00,0.00,301.33,2.57,61,101899  
04/04/2009 01:00:00,8.36,92.95,0.00,-0.00,0.00,307.42,2.65,55,101876  
04/04/2009 02:00:00,8.48,93.68,0.00,-0.00,0.00,313.50,2.73,50,101853  
04/04/2009 03:00:00,8.73,95.20,0.00,-0.00,0.00,320.10,2.52,50,101860  
04/04/2009 04:00:00,8.98,96.72,0.00,-0.00,0.00,326.70,2.31,49,101866  
04/04/2009 05:00:00,9.23,98.24,0.00,-0.00,0.00,333.30,2.10,49,101873  
04/04/2009 06:00:00,9.55,96.76,31.00,92.20,24.00,335.77,2.34,48,101916  
04/04/2009 07:00:00,9.87,95.29,82.00,7.98,80.00,338.23,2.58,48,101959  
04/04/2009 08:00:00,10.19,93.81,71.00,0.00,71.00,340.70,2.83,47,102003  
04/04/2009 09:00:00,10.27,91.50,272.00,43.40,248.00,343.12,2.76,48,102026  
04/04/2009 10:00:00,10.35,89.19,227.00,1.52,226.00,345.53,2.69,48,102049  
04/04/2009 11:00:00,10.43,86.88,221.00,0.00,221.00,347.95,2.62,49,102073  
04/04/2009 12:00:00,10.52,82.61,127.00,0.00,127.00,349.08,2.63,63,102076  
04/04/2009 13:00:00,10.62,78.33,116.00,0.00,116.00,350.22,2.65,77,102079  
04/04/2009 14:00:00,10.71,74.06,134.00,0.00,134.00,351.35,2.66,91,102083  
04/04/2009 15:00:00,10.65,75.45,120.00,0.00,120.00,345.57,2.59,101,102106  
04/04/2009 16:00:00,10.60,76.85,100.00,0.00,100.00,339.78,2.52,112,102129  
04/04/2009 17:00:00,10.54,78.24,78.00,4.08,77.00,334.00,2.46,122,102152  
04/04/2009 18:00:00,10.28,80.24,18.00,14.29,17.00,327.02,2.22,132,102216  
04/04/2009 19:00:00,10.02,82.25,0.00,-0.00,0.00,320.03,1.99,141,102279  
04/04/2009 20:00:00,9.75,84.25,0.00,-0.00,0.00,313.05,1.75,150,102342  
04/04/2009 21:00:00,9.53,86.00,0.00,-0.00,0.00,313.77,1.82,156,102339  
04/04/2009 22:00:00,9.31,87.76,0.00,-0.00,0.00,314.48,1.89,163,102335  
04/04/2009 23:00:00,9.09,89.51,0.00,-0.00,0.00,315.20,1.96,169,102332  
05/04/2009 00:00:00,9.05,91.08,0.00,-0.00,0.00,316.73,1.88,170,102306  
05/04/2009 01:00:00,9.01,92.65,0.00,-0.00,0.00,318.27,1.79,170,102279  
05/04/2009 02:00:00,8.97,94.22,0.00,-0.00,0.00,319.80,1.71,170,102252  
05/04/2009 03:00:00,8.93,94.35,0.00,-0.00,0.00,316.57,1.65,178,102239  
05/04/2009 04:00:00,8.89,94.48,0.00,-0.00,0.00,313.33,1.59,186,102226  
05/04/2009 05:00:00,8.84,94.61,0.00,-0.00,0.00,310.10,1.53,194,102212  
05/04/2009 06:00:00,9.05,91.73,26.00,36.73,23.00,309.03,1.31,206,102219  
05/04/2009 07:00:00,9.26,88.84,78.00,3.90,77.00,307.97,1.10,217,102226  
05/04/2009 08:00:00,9.47,85.96,204.00,50.14,183.00,306.90,0.88,229,102232  
05/04/2009 09:00:00,9.72,81.58,336.00,114.67,272.00,305.47,0.62,197,102202  
05/04/2009 10:00:00,9.96,77.21,471.00,213.64,329.00,304.03,0.35,166,102172  
05/04/2009 11:00:00,10.21,72.83,654.00,501.92,287.00,302.60,0.08,134,102142  
05/04/2009 12:00:00,10.38,69.04,706.00,588.15,263.00,298.45,0.45,104,102049  
05/04/2009 13:00:00,10.55,65.24,585.00,335.99,340.00,294.30,0.81,73,101956  
05/04/2009 14:00:00,10.72,61.45,549.00,394.99,288.00,290.15,1.17,42,101863  
05/04/2009 15:00:00,10.61,64.06,347.00,137.52,271.00,287.48,1.19,56,101810  
05/04/2009 16:00:00,10.50,66.68,247.00,131.02,193.00,284.82,1.20,69,101756  
05/04/2009 17:00:00,10.39,69.29,196.00,462.12,81.00,282.15,1.21,83,101703  
05/04/2009 18:00:00,9.96,72.47,29.00,81.18,23.00,279.37,1.27,102,101693  
05/04/2009 19:00:00,9.53,75.66,0.00,-0.00,0.00,276.58,1.32,121,101683  
05/04/2009 20:00:00,9.10,78.84,0.00,-0.00,0.00,273.80,1.38,140,101673  
05/04/2009 21:00:00,8.93,82.15,0.00,-0.00,0.00,273.37,1.15,173,101620  
05/04/2009 22:00:00,8.77,85.45,0.00,-0.00,0.00,272.93,0.92,206,101567  
05/04/2009 23:00:00,8.60,88.76,0.00,-0.00,0.00,272.50,0.69,240,101513

06/04/2009 00:00:00,8.68,92.35,0.00,-0.00,0.00,272.27,1.18,273,101430  
06/04/2009 01:00:00,8.77,95.95,0.00,-0.00,0.00,272.03,1.66,305,101347  
06/04/2009 02:00:00,8.85,99.54,0.00,-0.00,0.00,271.80,2.15,338,101264  
06/04/2009 03:00:00,8.96,99.69,0.00,-0.00,0.00,273.80,2.57,339,101211  
06/04/2009 04:00:00,9.06,99.85,0.00,-0.00,0.00,275.80,2.99,340,101157  
06/04/2009 05:00:00,9.17,100.00,0.00,-0.00,0.00,277.80,3.41,341,101104  
06/04/2009 06:00:00,9.68,91.86,34.00,68.65,28.00,280.52,3.14,348,101094  
06/04/2009 07:00:00,10.18,83.72,151.00,145.09,113.00,283.23,2.86,356,101084  
06/04/2009 08:00:00,10.69,75.58,319.00,320.59,183.00,285.95,2.59,3,101074  
06/04/2009 09:00:00,10.94,69.33,537.00,678.23,155.00,286.93,2.99,9,101017  
06/04/2009 10:00:00,11.19,63.08,656.00,710.98,180.00,287.92,3.39,16,100961  
06/04/2009 11:00:00,11.44,56.83,733.00,736.64,191.00,288.90,3.79,22,100904  
06/04/2009 12:00:00,11.38,58.21,681.00,508.23,296.00,292.17,4.54,35,100841  
06/04/2009 13:00:00,11.31,59.58,731.00,735.03,192.00,295.43,5.29,48,100778  
06/04/2009 14:00:00,11.25,60.96,545.00,377.60,294.00,298.70,6.04,61,100715  
06/04/2009 15:00:00,11.02,67.65,456.00,397.14,235.00,304.08,5.72,67,100721  
06/04/2009 16:00:00,10.80,74.34,161.00,12.02,156.00,309.47,5.40,73,100728  
06/04/2009 17:00:00,10.57,81.03,55.00,0.00,55.00,314.85,5.08,79,100735  
06/04/2009 18:00:00,10.30,85.14,4.00,0.00,4.00,315.12,4.34,77,100758  
06/04/2009 19:00:00,10.04,89.24,0.00,-0.00,0.00,315.38,3.61,75,100781  
06/04/2009 20:00:00,9.77,93.35,0.00,-0.00,0.00,315.65,2.88,73,100804  
06/04/2009 21:00:00,9.68,93.49,0.00,-0.00,0.00,315.97,2.90,71,100804  
06/04/2009 22:00:00,9.58,93.63,0.00,-0.00,0.00,316.28,2.92,69,100804  
06/04/2009 23:00:00,9.49,93.77,0.00,-0.00,0.00,316.60,2.94,68,100804  
07/04/2009 00:00:00,9.47,92.06,0.00,-0.00,0.00,314.87,2.97,70,100834  
07/04/2009 01:00:00,9.46,90.34,0.00,-0.00,0.00,313.13,2.99,72,100864  
07/04/2009 02:00:00,9.44,88.63,0.00,-0.00,0.00,311.40,3.02,74,100894  
07/04/2009 03:00:00,9.51,89.06,0.00,-0.00,0.00,309.28,2.82,73,100908  
07/04/2009 04:00:00,9.57,89.49,0.00,-0.00,0.00,307.17,2.62,73,100921  
07/04/2009 05:00:00,9.64,89.92,0.00,-0.00,0.00,305.05,2.41,72,100934  
07/04/2009 06:00:00,9.94,83.76,32.00,42.98,28.00,303.63,2.90,74,100984  
07/04/2009 07:00:00,10.23,77.60,231.00,624.47,64.00,302.22,3.38,75,101034  
07/04/2009 08:00:00,10.52,71.44,417.00,789.27,78.00,300.80,3.86,76,101084  
07/04/2009 09:00:00,10.63,66.29,542.00,681.00,155.00,298.80,4.16,74,101104  
07/04/2009 10:00:00,10.73,61.14,497.00,247.67,330.00,296.80,4.45,73,101124  
07/04/2009 11:00:00,10.84,55.99,607.00,363.37,338.00,294.80,4.74,72,101144  
07/04/2009 12:00:00,10.77,57.21,363.00,28.88,341.00,292.97,5.17,69,101157  
07/04/2009 13:00:00,10.71,58.42,703.00,631.98,237.00,291.13,5.60,67,101171  
07/04/2009 14:00:00,10.64,59.64,630.00,622.17,214.00,289.30,6.03,65,101184  
07/04/2009 15:00:00,10.57,63.52,548.00,740.70,133.00,287.25,5.70,64,101201  
07/04/2009 16:00:00,10.51,67.41,378.00,609.94,122.00,285.20,5.37,63,101217  
07/04/2009 17:00:00,10.44,71.29,212.00,538.01,74.00,283.15,5.05,62,101234  
07/04/2009 18:00:00,10.27,76.30,8.00,0.00,8.00,280.90,4.76,60,101270  
07/04/2009 19:00:00,10.10,81.32,0.00,-0.00,0.00,278.65,4.48,58,101307  
07/04/2009 20:00:00,9.92,86.33,0.00,-0.00,0.00,276.40,4.19,56,101344  
07/04/2009 21:00:00,9.86,86.96,0.00,-0.00,0.00,278.57,4.35,53,101310  
07/04/2009 22:00:00,9.79,87.59,0.00,-0.00,0.00,280.73,4.51,51,101277  
07/04/2009 23:00:00,9.73,88.22,0.00,-0.00,0.00,282.90,4.68,48,101244  
08/04/2009 00:00:00,9.90,91.13,0.00,-0.00,0.00,290.02,5.29,44,101214  
08/04/2009 01:00:00,10.06,94.04,0.00,-0.00,0.00,297.13,5.90,40,101184

08/04/2009 02:00:00,10.23,96.95,0.00,-0.00,0.00,304.25,6.51,36,101154  
08/04/2009 03:00:00,10.39,97.97,0.00,-0.00,0.00,317.40,6.85,36,101117  
08/04/2009 04:00:00,10.55,98.98,0.00,-0.00,0.00,330.55,7.18,36,101081  
08/04/2009 05:00:00,10.71,100.00,0.00,-0.00,0.00,343.70,7.52,35,101044  
08/04/2009 06:00:00,10.95,99.99,20.00,0.00,20.00,348.27,7.71,38,101087  
08/04/2009 07:00:00,11.18,99.97,33.00,0.00,33.00,352.83,7.90,41,101131  
08/04/2009 08:00:00,11.42,99.96,119.00,0.00,119.00,357.40,8.10,44,101174  
08/04/2009 09:00:00,11.43,99.39,113.00,0.00,113.00,358.12,8.02,48,101201  
08/04/2009 10:00:00,11.44,98.82,100.00,0.00,100.00,358.83,7.95,51,101227  
08/04/2009 11:00:00,11.45,98.25,176.00,0.00,176.00,359.55,7.88,54,101254  
08/04/2009 12:00:00,11.56,96.46,124.00,0.00,124.00,350.18,7.93,55,101277  
08/04/2009 13:00:00,11.67,94.66,179.00,0.00,179.00,340.82,7.99,56,101300  
08/04/2009 14:00:00,11.78,92.87,254.00,5.95,250.00,331.45,8.04,58,101324  
08/04/2009 15:00:00,11.63,93.21,100.00,0.00,100.00,326.87,7.30,54,101337  
08/04/2009 16:00:00,11.47,93.55,91.00,0.00,91.00,322.28,6.56,50,101350  
08/04/2009 17:00:00,11.32,93.89,39.00,0.00,39.00,317.70,5.82,46,101364  
08/04/2009 18:00:00,11.06,94.83,16.00,0.00,16.00,312.73,5.39,40,101400  
08/04/2009 19:00:00,10.80,95.78,0.00,-0.00,0.00,307.77,4.97,34,101437  
08/04/2009 20:00:00,10.53,96.72,0.00,-0.00,0.00,302.80,4.54,29,101473  
08/04/2009 21:00:00,10.42,97.31,0.00,-0.00,0.00,306.05,4.46,25,101457  
08/04/2009 22:00:00,10.30,97.89,0.00,-0.00,0.00,309.30,4.38,22,101440  
08/04/2009 23:00:00,10.19,98.48,0.00,-0.00,0.00,312.55,4.30,18,101424  
09/04/2009 00:00:00,10.14,98.26,0.00,-0.00,0.00,305.78,4.04,9,101390  
09/04/2009 01:00:00,10.10,98.03,0.00,-0.00,0.00,299.02,3.77,0,101357  
09/04/2009 02:00:00,10.05,97.81,0.00,-0.00,0.00,292.25,3.50,351,101324  
09/04/2009 03:00:00,10.04,97.61,0.00,-0.00,0.00,290.28,3.75,343,101280  
09/04/2009 04:00:00,10.02,97.42,0.00,-0.00,0.00,288.32,3.99,335,101237  
09/04/2009 05:00:00,10.01,97.22,0.00,-0.00,0.00,286.35,4.23,326,101194  
09/04/2009 06:00:00,10.37,90.22,22.00,0.00,22.00,285.80,4.93,325,101151  
09/04/2009 07:00:00,10.73,83.22,140.00,75.46,119.00,285.25,5.63,324,101107  
09/04/2009 08:00:00,11.09,76.22,186.00,20.46,177.00,284.70,6.33,323,101064  
09/04/2009 09:00:00,11.61,69.81,473.00,392.59,246.00,286.98,6.67,328,100964  
09/04/2009 10:00:00,12.13,63.40,661.00,677.22,198.00,289.27,7.01,332,100864  
09/04/2009 11:00:00,12.65,56.99,776.00,838.28,148.00,291.55,7.35,337,100765  
09/04/2009 12:00:00,12.80,54.74,781.00,775.14,184.00,292.32,7.38,346,100675  
09/04/2009 13:00:00,12.94,52.49,768.00,822.45,155.00,293.08,7.41,355,100585  
09/04/2009 14:00:00,13.09,50.24,602.00,508.65,258.00,293.85,7.43,4,100495  
09/04/2009 15:00:00,12.67,54.97,440.00,320.55,258.00,295.55,6.12,14,100455  
09/04/2009 16:00:00,12.26,59.71,203.00,42.14,185.00,297.25,4.81,24,100415  
09/04/2009 17:00:00,11.84,64.44,218.00,530.20,78.00,298.95,3.50,33,100375  
09/04/2009 18:00:00,11.38,71.59,15.00,0.00,15.00,304.18,3.06,25,100365  
09/04/2009 19:00:00,10.93,78.74,0.00,-0.00,0.00,309.42,2.62,16,100355  
09/04/2009 20:00:00,10.47,85.89,0.00,-0.00,0.00,314.65,2.18,8,100345  
09/04/2009 21:00:00,10.37,87.18,0.00,-0.00,0.00,318.67,2.21,355,100292  
09/04/2009 22:00:00,10.26,88.48,0.00,-0.00,0.00,322.68,2.23,343,100239  
09/04/2009 23:00:00,10.16,89.77,0.00,-0.00,0.00,326.70,2.26,330,100185  
10/04/2009 00:00:00,10.10,90.16,0.00,-0.00,0.00,331.22,2.20,334,100179  
10/04/2009 01:00:00,10.05,90.55,0.00,-0.00,0.00,335.73,2.13,338,100172  
10/04/2009 02:00:00,9.99,90.94,0.00,-0.00,0.00,340.25,2.07,342,100165  
10/04/2009 03:00:00,10.05,91.69,0.00,-0.00,0.00,341.22,2.50,340,100139



10/04/2009 04:00:00,10.12,92.43,0.00,-0.00,0.00,342.18,2.93,337,100112  
10/04/2009 05:00:00,10.18,93.18,0.00,-0.00,0.00,343.15,3.37,334,100086  
10/04/2009 06:00:00,10.47,92.59,36.00,27.31,33.00,343.68,4.07,338,100096  
10/04/2009 07:00:00,10.75,92.00,65.00,0.00,65.00,344.22,4.78,342,100106  
10/04/2009 08:00:00,11.03,91.41,49.00,0.00,49.00,344.75,5.49,345,100116  
10/04/2009 09:00:00,11.02,92.26,63.00,0.00,63.00,348.17,5.49,350,100106  
10/04/2009 10:00:00,11.02,93.11,88.00,0.00,88.00,351.58,5.50,355,100096  
10/04/2009 11:00:00,11.01,93.96,217.00,0.00,217.00,355.00,5.50,359,100086  
10/04/2009 12:00:00,10.77,94.09,146.00,0.00,146.00,355.22,4.72,14,100092  
10/04/2009 13:00:00,10.53,94.21,153.00,0.00,153.00,355.43,3.93,29,100099  
10/04/2009 14:00:00,10.29,94.34,132.00,0.00,132.00,355.65,3.14,44,100106  
10/04/2009 15:00:00,10.20,94.54,54.00,0.00,54.00,352.25,2.91,53,100116  
10/04/2009 16:00:00,10.10,94.74,54.00,0.00,54.00,348.85,2.69,63,100126  
10/04/2009 17:00:00,10.01,94.94,42.00,0.00,42.00,345.45,2.46,73,100136  
10/04/2009 18:00:00,9.79,94.55,5.00,0.00,5.00,343.85,2.44,86,100185  
10/04/2009 19:00:00,9.58,94.16,0.00,-0.00,0.00,342.25,2.42,100,100235  
10/04/2009 20:00:00,9.36,93.77,0.00,-0.00,0.00,340.65,2.40,113,100285  
10/04/2009 21:00:00,9.20,93.09,0.00,-0.00,0.00,334.58,2.73,122,100302  
10/04/2009 22:00:00,9.05,92.41,0.00,-0.00,0.00,328.52,3.05,130,100319  
10/04/2009 23:00:00,8.89,91.73,0.00,-0.00,0.00,322.45,3.38,138,100335  
11/04/2009 00:00:00,8.84,91.42,0.00,-0.00,0.00,319.78,3.61,141,100372  
11/04/2009 01:00:00,8.80,91.11,0.00,-0.00,0.00,317.12,3.85,143,100408  
11/04/2009 02:00:00,8.75,90.80,0.00,-0.00,0.00,314.45,4.08,146,100445  
11/04/2009 03:00:00,8.73,90.67,0.00,-0.00,0.00,309.68,4.12,148,100472  
11/04/2009 04:00:00,8.70,90.53,0.00,-0.00,0.00,304.92,4.16,149,100498  
11/04/2009 05:00:00,8.68,90.40,0.00,-0.00,0.00,300.15,4.19,150,100525  
11/04/2009 06:00:00,8.90,85.82,33.00,8.67,32.00,300.22,4.41,153,100588  
11/04/2009 07:00:00,9.12,81.23,63.00,0.00,63.00,300.28,4.63,156,100651  
11/04/2009 08:00:00,9.34,76.65,216.00,44.43,196.00,300.35,4.84,159,100715  
11/04/2009 09:00:00,9.61,70.29,533.00,568.13,199.00,299.05,4.83,154,100718  
11/04/2009 10:00:00,9.89,63.93,689.00,744.78,173.00,297.75,4.82,149,100721  
11/04/2009 11:00:00,10.16,57.57,614.00,348.39,350.00,296.45,4.81,144,100725  
11/04/2009 12:00:00,10.22,57.42,630.00,341.76,364.00,297.80,4.95,146,100738  
11/04/2009 13:00:00,10.28,57.28,420.00,69.05,368.00,299.15,5.09,148,100751  
11/04/2009 14:00:00,10.34,57.13,397.00,89.21,336.00,300.50,5.23,150,100765  
11/04/2009 15:00:00,10.37,58.09,314.00,73.03,272.00,299.70,5.02,149,100781  
11/04/2009 16:00:00,10.41,59.05,90.00,0.00,90.00,298.90,4.80,149,100798  
11/04/2009 17:00:00,10.44,60.01,50.00,0.00,50.00,298.10,4.59,148,100814  
11/04/2009 18:00:00,10.11,63.69,21.00,0.00,21.00,302.92,4.70,150,100868  
11/04/2009 19:00:00,9.79,67.38,0.00,-0.00,0.00,307.73,4.80,151,100921  
11/04/2009 20:00:00,9.46,71.06,0.00,-0.00,0.00,312.55,4.91,153,100974  
11/04/2009 21:00:00,9.19,74.10,0.00,-0.00,0.00,319.77,4.96,154,100981  
11/04/2009 22:00:00,8.92,77.15,0.00,-0.00,0.00,326.98,5.01,155,100988  
11/04/2009 23:00:00,8.65,80.19,0.00,-0.00,0.00,334.20,5.06,157,100994  
12/04/2009 00:00:00,8.61,80.72,0.00,-0.00,0.00,328.17,5.03,157,101024  
12/04/2009 01:00:00,8.58,81.24,0.00,-0.00,0.00,322.13,4.99,158,101054  
12/04/2009 02:00:00,8.55,81.77,0.00,-0.00,0.00,316.10,4.95,158,101084  
12/04/2009 03:00:00,8.50,83.60,0.00,-0.00,0.00,308.30,4.74,160,101111  
12/04/2009 04:00:00,8.46,85.44,0.00,-0.00,0.00,300.50,4.52,162,101137  
12/04/2009 05:00:00,8.41,87.27,0.00,-0.00,0.00,292.70,4.30,163,101164

12/04/2009 06:00:00,8.69,82.98,53.00,82.78,43.00,293.75,4.41,165,101197  
12/04/2009 07:00:00,8.96,78.70,167.00,125.75,130.00,294.80,4.51,167,101230  
12/04/2009 08:00:00,9.23,74.41,246.00,79.09,210.00,295.85,4.62,169,101264  
12/04/2009 09:00:00,9.66,68.49,325.00,74.24,281.00,292.22,4.24,163,101277  
12/04/2009 10:00:00,10.08,62.56,429.00,114.73,349.00,288.58,3.87,157,101290  
12/04/2009 11:00:00,10.51,56.64,320.00,11.81,311.00,284.95,3.49,151,101304  
12/04/2009 12:00:00,10.73,56.57,426.00,60.08,379.00,299.83,3.27,150,101294  
12/04/2009 13:00:00,10.94,56.49,468.00,113.62,382.00,314.72,3.06,149,101284  
12/04/2009 14:00:00,11.16,56.42,485.00,208.02,342.00,329.60,2.84,148,101274  
12/04/2009 15:00:00,11.16,57.58,380.00,165.88,284.00,319.22,2.71,139,101277  
12/04/2009 16:00:00,11.15,58.74,263.00,130.11,206.00,308.83,2.58,131,101280  
12/04/2009 17:00:00,11.15,59.90,116.00,32.70,107.00,298.45,2.46,122,101284  
12/04/2009 18:00:00,10.79,63.91,13.00,0.00,13.00,297.05,2.62,120,101317  
12/04/2009 19:00:00,10.44,67.92,0.00,-0.00,0.00,295.65,2.79,118,101350  
12/04/2009 20:00:00,10.08,71.93,0.00,-0.00,0.00,294.25,2.95,116,101384  
12/04/2009 21:00:00,9.89,75.33,0.00,-0.00,0.00,297.27,2.88,118,101374  
12/04/2009 22:00:00,9.71,78.74,0.00,-0.00,0.00,300.28,2.81,120,101364  
12/04/2009 23:00:00,9.52,82.14,0.00,-0.00,0.00,303.30,2.74,122,101354  
13/04/2009 00:00:00,9.38,85.72,0.00,-0.00,0.00,298.08,2.49,115,101330  
13/04/2009 01:00:00,9.24,89.29,0.00,-0.00,0.00,292.87,2.24,107,101307  
13/04/2009 02:00:00,9.10,92.87,0.00,-0.00,0.00,287.65,1.99,100,101284  
13/04/2009 03:00:00,9.05,94.01,0.00,-0.00,0.00,289.85,1.94,94,101260  
13/04/2009 04:00:00,9.00,95.15,0.00,-0.00,0.00,292.05,1.89,89,101237  
13/04/2009 05:00:00,8.95,96.29,0.00,-0.00,0.00,294.25,1.85,84,101214  
13/04/2009 06:00:00,9.28,88.65,81.00,316.98,41.00,294.65,2.10,76,101224  
13/04/2009 07:00:00,9.60,81.01,253.00,554.41,87.00,295.05,2.34,68,101234  
13/04/2009 08:00:00,9.93,73.37,448.00,780.25,89.00,295.45,2.59,61,101244  
13/04/2009 09:00:00,10.28,68.02,607.00,838.74,106.00,296.42,2.97,57,101221  
13/04/2009 10:00:00,10.63,62.68,735.00,892.11,109.00,297.38,3.36,53,101197  
13/04/2009 11:00:00,10.98,57.33,811.00,904.53,118.00,298.35,3.74,49,101174  
13/04/2009 12:00:00,10.93,56.96,824.00,866.14,143.00,293.38,3.88,44,101097  
13/04/2009 13:00:00,10.88,56.59,784.00,826.94,155.00,288.42,4.01,39,101021  
13/04/2009 14:00:00,10.83,56.22,664.00,665.63,204.00,283.45,4.15,35,100944  
13/04/2009 15:00:00,10.76,59.57,560.00,697.26,154.00,284.50,3.74,37,100921  
13/04/2009 16:00:00,10.68,62.93,418.00,717.70,101.00,285.55,3.33,40,100898  
13/04/2009 17:00:00,10.61,66.28,234.00,552.24,80.00,286.60,2.92,43,100874  
13/04/2009 18:00:00,10.39,72.80,58.00,219.22,35.00,288.53,2.91,44,100891  
13/04/2009 19:00:00,10.18,79.31,0.00,-0.00,0.00,290.47,2.90,46,100908  
13/04/2009 20:00:00,9.96,85.83,0.00,-0.00,0.00,292.40,2.88,48,100924  
13/04/2009 21:00:00,9.94,87.37,0.00,-0.00,0.00,294.65,2.61,32,100898  
13/04/2009 22:00:00,9.92,88.90,0.00,-0.00,0.00,296.90,2.33,17,100871  
13/04/2009 23:00:00,9.90,90.44,0.00,-0.00,0.00,299.15,2.06,1,100844  
14/04/2009 00:00:00,9.90,93.63,0.00,-0.00,0.00,305.33,2.18,3,100828  
14/04/2009 01:00:00,9.91,96.81,0.00,-0.00,0.00,311.52,2.31,6,100811  
14/04/2009 02:00:00,9.92,100.00,0.00,-0.00,0.00,317.70,2.44,8,100795  
14/04/2009 03:00:00,9.97,100.00,0.00,-0.00,0.00,317.67,2.14,352,100778  
14/04/2009 04:00:00,10.02,100.00,0.00,-0.00,0.00,317.63,1.84,336,100761  
14/04/2009 05:00:00,10.07,100.00,0.00,-0.00,0.00,317.60,1.54,320,100745  
14/04/2009 06:00:00,10.31,92.28,29.00,0.00,29.00,318.77,1.67,315,100751  
14/04/2009 07:00:00,10.54,84.57,129.00,29.55,120.00,319.93,1.80,310,100758

14/04/2009 08:00:00,10.77,76.85,139.00,0.00,139.00,321.10,1.93,306,100765  
14/04/2009 09:00:00,10.90,73.62,238.00,9.97,232.00,324.10,1.99,313,100731  
14/04/2009 10:00:00,11.02,70.39,507.00,223.78,349.00,327.10,2.05,320,100698  
14/04/2009 11:00:00,11.15,67.16,452.00,88.28,384.00,330.10,2.11,327,100665  
14/04/2009 12:00:00,11.10,66.46,553.00,192.38,401.00,329.83,1.99,344,100605  
14/04/2009 13:00:00,11.05,65.75,561.00,236.81,380.00,329.57,1.87,1,100545  
14/04/2009 14:00:00,11.00,65.05,363.00,51.82,327.00,329.30,1.75,18,100485  
14/04/2009 15:00:00,10.81,70.85,240.00,13.66,232.00,325.05,1.76,54,100458  
14/04/2009 16:00:00,10.61,76.66,145.00,2.25,144.00,320.80,1.77,91,100432  
14/04/2009 17:00:00,10.42,82.46,64.00,0.00,64.00,316.55,1.78,127,100405  
14/04/2009 18:00:00,10.12,86.18,55.00,147.17,39.00,313.53,1.77,138,100408  
14/04/2009 19:00:00,9.83,89.90,0.00,-0.00,0.00,310.52,1.75,148,100412  
14/04/2009 20:00:00,9.53,93.62,0.00,-0.00,0.00,307.50,1.74,158,100415  
14/04/2009 21:00:00,9.44,94.81,0.00,-0.00,0.00,308.50,1.73,168,100372  
14/04/2009 22:00:00,9.34,96.00,0.00,-0.00,0.00,309.50,1.73,178,100329  
14/04/2009 23:00:00,9.25,97.19,0.00,-0.00,0.00,310.50,1.72,187,100285  
15/04/2009 00:00:00,9.39,97.30,0.00,-0.00,0.00,318.13,1.57,160,100242  
15/04/2009 01:00:00,9.54,97.42,0.00,-0.00,0.00,325.77,1.41,132,100199  
15/04/2009 02:00:00,9.68,97.53,0.00,-0.00,0.00,333.40,1.26,105,100155  
15/04/2009 03:00:00,9.70,98.35,0.00,-0.00,0.00,334.17,1.20,138,100116  
15/04/2009 04:00:00,9.72,99.18,0.00,-0.00,0.00,334.93,1.14,172,100076  
15/04/2009 05:00:00,9.73,100.00,0.00,-0.00,0.00,335.70,1.08,205,100036  
15/04/2009 06:00:00,9.84,99.13,20.00,0.00,20.00,339.65,1.22,216,100016  
15/04/2009 07:00:00,9.94,98.27,29.00,0.00,29.00,343.60,1.36,227,99996  
15/04/2009 08:00:00,10.05,97.40,69.00,0.00,69.00,347.55,1.50,239,99976  
15/04/2009 09:00:00,10.05,95.97,147.00,0.00,147.00,348.98,2.00,274,99929  
15/04/2009 10:00:00,10.06,94.55,96.00,0.00,96.00,350.42,2.49,310,99883  
15/04/2009 11:00:00,10.06,93.12,148.00,0.00,148.00,351.85,2.98,346,99836  
15/04/2009 12:00:00,10.15,92.76,207.00,0.00,207.00,346.65,3.31,358,99883  
15/04/2009 13:00:00,10.24,92.41,186.00,0.00,186.00,341.45,3.63,9,99929  
15/04/2009 14:00:00,10.33,92.05,284.00,10.03,277.00,336.25,3.96,21,99976  
15/04/2009 15:00:00,10.15,92.92,87.00,0.00,87.00,329.07,4.20,27,99982  
15/04/2009 16:00:00,9.96,93.80,117.00,0.00,117.00,321.88,4.45,32,99989  
15/04/2009 17:00:00,9.78,94.67,56.00,0.00,56.00,314.70,4.69,38,99996  
15/04/2009 18:00:00,9.52,95.42,51.00,97.78,40.00,310.03,4.35,34,100056  
15/04/2009 19:00:00,9.26,96.18,0.00,-0.00,0.00,305.37,4.02,31,100116  
15/04/2009 20:00:00,9.00,96.93,0.00,-0.00,0.00,300.70,3.68,27,100175  
15/04/2009 21:00:00,8.87,96.85,0.00,-0.00,0.00,303.92,3.77,24,100202  
15/04/2009 22:00:00,8.73,96.76,0.00,-0.00,0.00,307.13,3.86,21,100229  
15/04/2009 23:00:00,8.60,96.68,0.00,-0.00,0.00,310.35,3.94,18,100255  
16/04/2009 00:00:00,8.88,95.94,0.00,-0.00,0.00,304.73,3.76,18,100285  
16/04/2009 01:00:00,9.17,95.19,0.00,-0.00,0.00,299.12,3.58,18,100315  
16/04/2009 02:00:00,9.45,94.45,0.00,-0.00,0.00,293.50,3.39,19,100345  
16/04/2009 03:00:00,9.49,94.73,0.00,-0.00,0.00,293.48,3.12,15,100372  
16/04/2009 04:00:00,9.54,95.02,0.00,-0.00,0.00,293.47,2.84,12,100398  
16/04/2009 05:00:00,9.58,95.30,0.00,-0.00,0.00,293.45,2.57,9,100425  
16/04/2009 06:00:00,9.87,93.52,93.00,323.87,47.00,294.57,2.94,11,100465  
16/04/2009 07:00:00,10.15,91.75,266.00,546.69,94.00,295.68,3.31,13,100505  
16/04/2009 08:00:00,10.44,89.97,437.00,640.58,133.00,296.80,3.68,14,100545  
16/04/2009 09:00:00,10.62,87.77,340.00,76.93,293.00,297.02,3.69,20,100555

16/04/2009 10:00:00,10.79,85.58,319.00,20.99,304.00,297.23,3.69,26,100565  
16/04/2009 11:00:00,10.97,83.38,457.00,88.66,388.00,297.45,3.70,32,100575  
16/04/2009 12:00:00,11.16,77.60,164.00,0.00,164.00,294.40,3.19,30,100595  
16/04/2009 13:00:00,11.35,71.82,196.00,0.00,196.00,291.35,2.69,27,100615  
16/04/2009 14:00:00,11.54,66.04,255.00,4.28,252.00,288.30,2.18,25,100635  
16/04/2009 15:00:00,11.47,66.72,528.00,534.80,211.00,288.62,1.89,25,100645  
16/04/2009 16:00:00,11.40,67.40,375.00,451.08,171.00,288.93,1.60,24,100655  
16/04/2009 17:00:00,11.33,68.08,224.00,410.74,105.00,289.25,1.31,24,100665  
16/04/2009 18:00:00,10.98,74.31,52.00,94.62,41.00,288.48,1.46,15,100701  
16/04/2009 19:00:00,10.64,80.53,0.00,-0.00,0.00,287.72,1.61,6,100738  
16/04/2009 20:00:00,10.29,86.76,0.00,-0.00,0.00,286.95,1.77,358,100775  
16/04/2009 21:00:00,10.05,89.49,0.00,-0.00,0.00,286.85,1.81,360,100775  
16/04/2009 22:00:00,9.82,92.22,0.00,-0.00,0.00,286.75,1.85,1,100775  
16/04/2009 23:00:00,9.58,94.95,0.00,-0.00,0.00,286.65,1.89,3,100775  
17/04/2009 00:00:00,9.64,94.82,0.00,-0.00,0.00,287.55,1.81,26,100804  
17/04/2009 01:00:00,9.70,94.70,0.00,-0.00,0.00,288.45,1.73,50,100834  
17/04/2009 02:00:00,9.76,94.57,0.00,-0.00,0.00,289.35,1.66,73,100864  
17/04/2009 03:00:00,9.79,96.38,0.00,-0.00,0.00,289.83,1.72,62,100871  
17/04/2009 04:00:00,9.83,98.19,0.00,-0.00,0.00,290.32,1.78,52,100878  
17/04/2009 05:00:00,9.86,100.00,0.00,-0.00,0.00,290.80,1.85,41,100884  
17/04/2009 06:00:00,10.24,94.10,96.00,312.51,50.00,292.42,2.05,49,100931  
17/04/2009 07:00:00,10.62,88.21,186.00,134.56,143.00,294.03,2.24,58,100978  
17/04/2009 08:00:00,11.00,82.31,385.00,396.45,195.00,295.65,2.44,66,101024  
17/04/2009 09:00:00,11.11,81.96,251.00,13.00,243.00,295.88,2.88,68,101017  
17/04/2009 10:00:00,11.23,81.62,278.00,6.96,273.00,296.12,3.32,70,101011  
17/04/2009 11:00:00,11.34,81.27,674.00,435.99,333.00,296.35,3.77,71,101004  
17/04/2009 12:00:00,11.42,73.94,732.00,537.84,301.00,293.45,3.96,76,101041  
17/04/2009 13:00:00,11.51,66.61,553.00,210.30,390.00,290.55,4.16,80,101077  
17/04/2009 14:00:00,11.59,59.28,468.00,161.68,354.00,287.65,4.36,85,101114  
17/04/2009 15:00:00,11.46,62.63,362.00,117.42,292.00,288.62,3.87,86,101117  
17/04/2009 16:00:00,11.33,65.99,337.70,407.50,152.00,289.58,3.38,87,101121  
17/04/2009 17:00:00,11.20,69.34,189.80,322.21,95.30,290.55,2.90,89,101124  
17/04/2009 18:00:00,10.87,76.89,59.10,174.17,38.20,290.32,2.85,85,101164  
17/04/2009 19:00:00,10.54,84.45,0.00,-0.00,0.00,290.08,2.80,82,101204  
17/04/2009 20:00:00,10.21,92.00,0.00,-0.00,0.00,289.85,2.74,79,101244  
17/04/2009 21:00:00,10.09,94.67,0.00,-0.00,0.00,291.63,2.91,76,101254  
17/04/2009 22:00:00,9.96,97.33,0.00,-0.00,0.00,293.42,3.08,73,101264  
17/04/2009 23:00:00,9.84,100.00,0.00,-0.00,0.00,295.20,3.24,71,101274  
18/04/2009 00:00:00,9.78,100.00,0.00,-0.00,0.00,294.05,3.12,72,101280  
18/04/2009 01:00:00,9.73,100.00,0.00,-0.00,0.00,292.90,3.00,74,101287  
18/04/2009 02:00:00,9.67,100.00,0.00,-0.00,0.00,291.75,2.88,76,101294  
18/04/2009 03:00:00,9.67,100.00,0.00,-0.00,0.00,292.37,2.45,81,101304  
18/04/2009 04:00:00,9.68,100.00,0.00,-0.00,0.00,292.98,2.02,87,101314  
18/04/2009 05:00:00,9.68,100.00,0.00,-0.00,0.00,293.60,1.59,92,101324  
18/04/2009 06:00:00,9.72,93.62,83.60,230.15,48.55,295.10,1.39,96,101364  
18/04/2009 07:00:00,9.75,87.25,230.05,400.85,100.00,296.60,1.20,99,101404  
18/04/2009 08:00:00,9.79,80.87,367.45,461.80,144.00,298.10,1.01,102,101444  
18/04/2009 09:00:00,10.09,74.35,482.30,496.42,174.65,296.47,1.33,105,101444  
18/04/2009 10:00:00,10.38,67.84,510.25,378.41,236.75,294.83,1.65,107,101444  
18/04/2009 11:00:00,10.68,61.32,570.10,403.78,252.75,293.20,1.97,110,101444

18/04/2009 12:00:00,11.07,61.45,537.80,392.86,221.55,291.43,2.23,121,101450  
18/04/2009 13:00:00,11.45,61.59,558.50,383.66,259.80,289.67,2.49,131,101457  
18/04/2009 14:00:00,11.84,61.72,512.30,436.92,202.75,287.90,2.74,142,101463  
18/04/2009 15:00:00,11.80,63.38,454.80,464.20,176.50,288.40,2.76,147,101473  
18/04/2009 16:00:00,11.77,65.05,343.15,433.00,144.35,288.90,2.78,152,101483  
18/04/2009 17:00:00,11.73,66.71,196.05,342.28,94.45,289.40,2.80,156,101493  
18/04/2009 18:00:00,11.42,73.14,65.85,210.96,39.75,287.30,2.84,161,101540  
18/04/2009 19:00:00,11.11,79.58,0.00,-0.00,0.00,285.20,2.88,165,101587  
18/04/2009 20:00:00,10.80,86.01,0.00,-0.00,0.00,283.10,2.92,170,101633  
18/04/2009 21:00:00,10.55,87.71,0.00,-0.00,0.00,283.23,2.84,172,101640  
18/04/2009 22:00:00,10.31,89.40,0.00,-0.00,0.00,283.37,2.75,175,101647  
18/04/2009 23:00:00,10.06,91.10,0.00,-0.00,0.00,283.50,2.66,178,101653  
19/04/2009 00:00:00,9.91,93.00,0.00,-0.00,0.00,283.88,2.60,178,101647  
19/04/2009 01:00:00,9.76,94.90,0.00,-0.00,0.00,284.27,2.53,179,101640  
19/04/2009 02:00:00,9.61,96.80,0.00,-0.00,0.00,284.65,2.47,180,101633  
19/04/2009 03:00:00,9.59,96.42,0.00,-0.00,0.00,285.67,2.61,176,101643  
19/04/2009 04:00:00,9.56,96.04,0.00,-0.00,0.00,286.68,2.74,172,101653  
19/04/2009 05:00:00,9.54,95.66,0.00,-0.00,0.00,287.70,2.88,168,101663  
19/04/2009 06:00:00,9.87,90.82,89.20,250.76,49.75,293.53,3.08,168,101696  
19/04/2009 07:00:00,10.20,85.98,253.55,472.16,98.10,299.37,3.27,167,101730  
19/04/2009 08:00:00,10.53,81.14,380.35,458.43,156.45,305.20,3.46,167,101763  
19/04/2009 09:00:00,10.85,78.83,518.60,528.84,188.60,308.32,3.52,161,101763  
19/04/2009 10:00:00,11.18,76.51,539.90,391.04,255.70,311.43,3.57,154,101763  
19/04/2009 11:00:00,11.50,74.20,570.80,368.74,279.60,314.55,3.63,148,101763  
19/04/2009 12:00:00,11.77,77.12,545.55,390.76,229.60,318.87,3.36,146,101793  
19/04/2009 13:00:00,12.04,80.04,569.75,390.03,264.75,323.18,3.09,145,101823  
19/04/2009 14:00:00,12.31,82.96,546.05,450.74,225.20,327.50,2.83,143,101853  
19/04/2009 15:00:00,12.29,84.26,497.00,525.00,180.50,324.82,2.59,150,101873  
19/04/2009 16:00:00,12.27,85.57,354.95,438.04,152.35,322.13,2.35,156,101893  
19/04/2009 17:00:00,12.25,86.87,202.60,343.93,99.30,319.45,2.11,163,101913  
19/04/2009 18:00:00,11.96,89.25,70.50,218.17,42.70,318.00,2.23,169,101986  
19/04/2009 19:00:00,11.68,91.63,0.00,-0.00,0.00,316.55,2.34,175,102059  
19/04/2009 20:00:00,11.39,94.01,0.00,-0.00,0.00,315.10,2.46,182,102132  
19/04/2009 21:00:00,11.17,95.32,0.00,-0.00,0.00,315.10,2.41,179,102146  
19/04/2009 22:00:00,10.94,96.63,0.00,-0.00,0.00,315.10,2.36,176,102159  
19/04/2009 23:00:00,10.72,97.94,0.00,-0.00,0.00,315.10,2.32,173,102172  
20/04/2009 00:00:00,10.54,98.63,0.00,-0.00,0.00,310.07,2.41,184,102209  
20/04/2009 01:00:00,10.37,99.31,0.00,-0.00,0.00,305.03,2.51,195,102246  
20/04/2009 02:00:00,10.19,100.00,0.00,-0.00,0.00,300.00,2.61,206,102282  
20/04/2009 03:00:00,10.07,99.99,0.00,-0.00,0.00,301.50,2.47,205,102309  
20/04/2009 04:00:00,9.94,99.97,0.00,-0.00,0.00,303.00,2.34,204,102335  
20/04/2009 05:00:00,9.82,99.96,0.00,-0.00,0.00,304.50,2.21,204,102362  
20/04/2009 06:00:00,10.12,92.26,88.10,230.15,50.75,312.12,2.42,202,102382  
20/04/2009 07:00:00,10.41,84.57,238.55,414.12,100.25,319.73,2.63,201,102402  
20/04/2009 08:00:00,10.71,76.87,143.00,0.00,143.00,327.35,2.84,200,102422  
20/04/2009 09:00:00,11.03,70.19,181.00,0.00,181.00,333.90,2.89,192,102405  
20/04/2009 10:00:00,11.35,63.52,213.00,0.00,213.00,340.45,2.94,185,102389  
20/04/2009 11:00:00,11.67,56.84,307.00,6.30,302.00,347.00,2.99,177,102372  
20/04/2009 12:00:00,12.19,56.19,484.00,93.59,408.00,332.83,3.39,169,102369  
20/04/2009 13:00:00,12.70,55.55,586.00,253.39,387.00,318.67,3.79,161,102365

20/04/2009 14:00:00,13.22,54.90,712.00,750.93,175.00,304.50,4.19,153,102362  
20/04/2009 15:00:00,13.20,57.74,520.00,465.23,238.00,302.68,4.20,153,102359  
20/04/2009 16:00:00,13.17,60.58,415.00,577.41,146.00,300.87,4.20,152,102355  
20/04/2009 17:00:00,13.15,63.42,253.00,526.59,93.00,299.05,4.21,152,102352  
20/04/2009 18:00:00,12.85,69.88,65.00,122.04,49.00,297.42,4.07,160,102392  
20/04/2009 19:00:00,12.55,76.35,0.00,-0.00,0.00,295.78,3.93,167,102432  
20/04/2009 20:00:00,12.25,82.81,0.00,-0.00,0.00,294.15,3.79,175,102472  
20/04/2009 21:00:00,11.84,86.72,0.00,-0.00,0.00,294.67,3.72,177,102479  
20/04/2009 22:00:00,11.42,90.64,0.00,-0.00,0.00,295.18,3.66,179,102485  
20/04/2009 23:00:00,11.01,94.55,0.00,-0.00,0.00,295.70,3.59,181,102492  
21/04/2009 00:00:00,10.61,96.27,0.00,-0.00,0.00,297.17,3.61,181,102489  
21/04/2009 01:00:00,10.22,97.99,0.00,-0.00,0.00,298.63,3.63,181,102485  
21/04/2009 02:00:00,9.82,99.71,0.00,-0.00,0.00,300.10,3.66,182,102482  
21/04/2009 03:00:00,9.63,99.14,0.00,-0.00,0.00,301.75,3.87,183,102495  
21/04/2009 04:00:00,9.45,98.57,0.00,-0.00,0.00,303.40,4.08,185,102509  
21/04/2009 05:00:00,9.26,98.00,0.00,-0.00,0.00,305.05,4.29,187,102522  
21/04/2009 06:00:00,9.43,93.87,105.00,257.20,62.00,317.32,4.29,186,102558  
21/04/2009 07:00:00,9.59,89.75,273.00,451.83,120.00,329.58,4.28,186,102595  
21/04/2009 08:00:00,9.76,85.62,473.00,711.88,119.00,341.85,4.28,186,102632  
21/04/2009 09:00:00,10.25,77.42,641.00,825.52,119.00,342.10,4.54,181,102612  
21/04/2009 10:00:00,10.73,69.22,754.00,827.69,146.00,342.35,4.81,176,102592  
21/04/2009 11:00:00,11.22,61.02,786.00,710.12,220.00,342.60,5.08,171,102572  
21/04/2009 12:00:00,12.01,56.82,878.00,951.57,102.00,325.57,5.13,170,102538  
21/04/2009 13:00:00,12.81,52.61,597.00,267.54,386.00,308.53,5.18,170,102505  
21/04/2009 14:00:00,13.60,48.41,624.00,463.55,291.00,291.50,5.23,170,102472  
21/04/2009 15:00:00,13.66,51.65,354.00,96.82,295.00,292.10,4.93,168,102472  
21/04/2009 16:00:00,13.72,54.90,435.00,660.70,125.00,292.70,4.64,166,102472  
21/04/2009 17:00:00,13.78,58.14,239.00,413.27,112.00,293.30,4.34,164,102472  
21/04/2009 18:00:00,13.38,64.01,68.00,133.57,50.00,293.18,4.38,169,102532  
21/04/2009 19:00:00,12.98,69.88,0.00,-0.00,0.00,293.07,4.41,173,102592  
21/04/2009 20:00:00,12.58,75.75,0.00,-0.00,0.00,292.95,4.44,178,102652  
21/04/2009 21:00:00,12.07,79.63,0.00,-0.00,0.00,292.48,4.34,182,102662  
21/04/2009 22:00:00,11.57,83.52,0.00,-0.00,0.00,292.02,4.25,187,102672  
21/04/2009 23:00:00,11.06,87.40,0.00,-0.00,0.00,291.55,4.15,191,102682  
22/04/2009 00:00:00,10.76,89.24,0.00,-0.00,0.00,289.92,3.83,193,102672  
22/04/2009 01:00:00,10.45,91.09,0.00,-0.00,0.00,288.28,3.51,195,102662  
22/04/2009 02:00:00,10.15,92.93,0.00,-0.00,0.00,286.65,3.19,197,102652  
22/04/2009 03:00:00,9.98,93.61,0.00,-0.00,0.00,284.75,3.06,198,102628  
22/04/2009 04:00:00,9.81,94.28,0.00,-0.00,0.00,282.85,2.93,200,102605  
22/04/2009 05:00:00,9.64,94.96,0.00,-0.00,0.00,280.95,2.80,201,102582  
22/04/2009 06:00:00,10.14,88.19,88.00,116.27,68.00,280.13,2.80,204,102578  
22/04/2009 07:00:00,10.63,81.43,187.00,99.07,153.00,279.32,2.81,207,102575  
22/04/2009 08:00:00,11.12,74.66,338.00,201.36,237.00,278.50,2.81,210,102572  
22/04/2009 09:00:00,11.63,68.84,603.00,655.27,186.00,278.47,2.63,202,102535  
22/04/2009 10:00:00,12.13,63.02,762.00,843.76,139.00,278.43,2.46,194,102499  
22/04/2009 11:00:00,12.64,57.20,850.00,914.30,118.00,278.40,2.28,187,102462  
22/04/2009 12:00:00,12.80,56.22,890.00,984.27,84.00,278.08,2.39,178,102425  
22/04/2009 13:00:00,12.96,55.24,861.00,996.32,72.00,277.77,2.50,169,102389  
22/04/2009 14:00:00,13.12,54.26,772.00,964.57,76.00,277.45,2.61,160,102352  
22/04/2009 15:00:00,13.00,57.23,629.00,873.31,94.00,277.82,2.59,155,102319

22/04/2009 16:00:00,12.89,60.19,461.00,787.32,89.00,278.18,2.57,150,102286  
22/04/2009 17:00:00,12.77,63.16,268.00,592.12,84.00,278.55,2.55,145,102252  
22/04/2009 18:00:00,12.42,71.18,82.00,231.21,50.00,279.18,2.66,147,102282  
22/04/2009 19:00:00,12.07,79.21,0.00,-0.00,0.00,279.82,2.77,149,102312  
22/04/2009 20:00:00,11.72,87.23,0.00,-0.00,0.00,280.45,2.88,150,102342  
22/04/2009 21:00:00,11.52,89.35,0.00,-0.00,0.00,281.48,2.80,157,102332  
22/04/2009 22:00:00,11.33,91.46,0.00,-0.00,0.00,282.52,2.71,163,102322  
22/04/2009 23:00:00,11.13,93.58,0.00,-0.00,0.00,283.55,2.62,170,102312  
23/04/2009 00:00:00,11.01,94.83,0.00,-0.00,0.00,282.77,2.77,183,102276  
23/04/2009 01:00:00,10.89,96.08,0.00,-0.00,0.00,281.98,2.92,197,102239  
23/04/2009 02:00:00,10.77,97.33,0.00,-0.00,0.00,281.20,3.08,211,102202  
23/04/2009 03:00:00,10.74,97.47,0.00,-0.00,0.00,281.87,2.81,222,102192  
23/04/2009 04:00:00,10.70,97.60,0.00,-0.00,0.00,282.53,2.54,233,102182  
23/04/2009 05:00:00,10.67,97.74,0.00,0.00,0.00,283.20,2.28,243,102172  
23/04/2009 06:00:00,11.22,91.07,94.00,135.78,70.00,284.02,2.12,254,102172  
23/04/2009 07:00:00,11.76,84.39,269.00,388.25,134.00,284.83,1.96,264,102172  
23/04/2009 08:00:00,12.31,77.72,475.00,680.06,131.00,285.65,1.81,274,102172  
23/04/2009 09:00:00,12.79,70.59,653.00,843.29,113.00,285.72,1.67,280,102132  
23/04/2009 10:00:00,13.26,63.45,781.00,905.56,109.00,285.78,1.53,286,102093  
23/04/2009 11:00:00,13.74,56.32,854.00,915.30,118.00,285.85,1.39,291,102053  
23/04/2009 12:00:00,14.19,54.84,868.00,890.30,136.00,285.50,1.37,268,101993  
23/04/2009 13:00:00,14.63,53.37,839.00,895.46,127.00,285.15,1.34,245,101933  
23/04/2009 14:00:00,15.08,51.89,733.00,794.80,157.00,284.80,1.31,222,101873  
23/04/2009 15:00:00,14.95,55.80,592.00,696.67,163.00,285.75,1.43,228,101830  
23/04/2009 16:00:00,14.83,59.72,446.00,687.33,119.00,286.70,1.56,235,101786  
23/04/2009 17:00:00,14.70,63.63,219.00,276.93,132.00,287.65,1.68,241,101743  
23/04/2009 18:00:00,14.25,69.04,82.00,204.20,53.00,290.67,2.08,251,101736  
23/04/2009 19:00:00,13.80,74.44,0.00,-0.00,0.00,293.68,2.47,261,101730  
23/04/2009 20:00:00,13.35,79.85,0.00,-0.00,0.00,296.70,2.87,271,101723  
23/04/2009 21:00:00,13.17,79.33,0.00,-0.00,0.00,298.13,3.10,275,101686  
23/04/2009 22:00:00,13.00,78.81,0.00,-0.00,0.00,299.57,3.34,279,101650  
23/04/2009 23:00:00,12.82,78.29,0.00,-0.00,0.00,301.00,3.57,284,101613  
24/04/2009 00:00:00,12.62,76.17,0.00,-0.00,0.00,297.08,3.60,282,101550  
24/04/2009 01:00:00,12.42,74.06,0.00,-0.00,0.00,293.17,3.63,281,101487  
24/04/2009 02:00:00,12.22,71.94,0.00,-0.00,0.00,289.25,3.66,279,101424  
24/04/2009 03:00:00,12.04,70.83,0.00,-0.00,0.00,286.75,3.67,279,101390  
24/04/2009 04:00:00,11.86,69.72,0.00,-0.00,0.00,284.25,3.69,279,101357  
24/04/2009 05:00:00,11.68,68.61,0.00,0.00,0.00,281.75,3.71,279,101324  
24/04/2009 06:00:00,12.08,65.19,133.00,424.39,56.00,280.88,4.01,279,101297  
24/04/2009 07:00:00,12.47,61.77,302.00,556.59,106.00,280.02,4.31,280,101270  
24/04/2009 08:00:00,12.87,58.35,480.00,682.35,132.00,279.15,4.61,281,101244  
24/04/2009 09:00:00,13.23,54.60,651.00,816.46,125.00,280.98,4.31,286,101171  
24/04/2009 10:00:00,13.60,50.84,770.00,846.15,139.00,282.82,4.01,292,101097  
24/04/2009 11:00:00,13.96,47.09,849.00,884.17,135.00,284.65,3.71,297,101024  
24/04/2009 12:00:00,13.83,46.17,858.00,845.59,160.00,286.08,3.51,325,100931  
24/04/2009 13:00:00,13.69,45.26,834.00,865.63,143.00,287.52,3.31,352,100838  
24/04/2009 14:00:00,13.56,44.34,741.00,810.64,151.00,288.95,3.10,20,100745  
24/04/2009 15:00:00,13.00,51.69,592.00,685.07,168.00,290.30,3.83,39,100705  
24/04/2009 16:00:00,12.44,59.03,424.00,561.61,155.00,291.65,4.56,58,100665  
24/04/2009 17:00:00,11.88,66.38,253.00,447.18,111.00,293.00,5.28,77,100625

24/04/2009 18:00:00,11.36,74.97,85.00,206.02,55.00,295.00,5.51,80,100651  
24/04/2009 19:00:00,10.85,83.56,0.00,-0.00,0.00,297.00,5.74,83,100678  
24/04/2009 20:00:00,10.33,92.15,0.00,-0.00,0.00,299.00,5.97,86,100705  
24/04/2009 21:00:00,10.18,92.45,0.00,-0.00,0.00,309.92,5.89,83,100691  
24/04/2009 22:00:00,10.02,92.76,0.00,-0.00,0.00,320.83,5.81,80,100678  
24/04/2009 23:00:00,9.87,93.06,0.00,-0.00,0.00,331.75,5.72,78,100665  
25/04/2009 00:00:00,9.85,88.47,0.00,-0.00,0.00,322.77,5.49,79,100691  
25/04/2009 01:00:00,9.84,83.87,0.00,-0.00,0.00,313.78,5.25,80,100718  
25/04/2009 02:00:00,9.83,79.28,0.00,-0.00,0.00,304.80,5.01,82,100745  
25/04/2009 03:00:00,9.82,78.22,0.00,-0.00,0.00,312.37,4.68,81,100785  
25/04/2009 04:00:00,9.82,77.15,0.00,-0.00,0.00,319.93,4.34,80,100824  
25/04/2009 05:00:00,9.81,76.09,0.00,0.00,0.00,327.50,4.01,79,100864  
25/04/2009 06:00:00,10.03,71.80,141.00,462.27,55.00,334.20,3.80,75,100894  
25/04/2009 07:00:00,10.25,67.51,303.00,538.57,111.00,340.90,3.58,71,100924  
25/04/2009 08:00:00,10.47,63.22,425.00,433.78,202.00,347.60,3.37,67,100954  
25/04/2009 09:00:00,10.63,59.49,377.00,94.13,316.00,345.88,3.33,62,100948  
25/04/2009 10:00:00,10.80,55.76,545.00,233.55,370.00,344.17,3.29,58,100941  
25/04/2009 11:00:00,10.96,52.03,482.00,93.72,406.00,342.45,3.26,53,100934  
25/04/2009 12:00:00,10.90,53.62,600.00,220.84,417.00,326.23,3.79,57,100938  
25/04/2009 13:00:00,10.84,55.21,572.00,212.14,402.00,310.02,4.33,60,100941  
25/04/2009 14:00:00,10.78,56.80,561.00,291.43,348.00,293.80,4.87,63,100944  
25/04/2009 15:00:00,10.78,57.70,647.00,913.17,79.00,293.10,4.43,70,100948  
25/04/2009 16:00:00,10.79,58.59,477.00,823.36,80.00,292.40,3.99,76,100951  
25/04/2009 17:00:00,10.79,59.49,219.00,252.41,138.00,291.70,3.54,82,100954  
25/04/2009 18:00:00,10.59,66.63,98.00,321.75,50.00,288.47,3.31,92,100984  
25/04/2009 19:00:00,10.39,73.78,0.00,-0.00,0.00,285.23,3.07,101,101014  
25/04/2009 20:00:00,10.18,80.92,0.00,-0.00,0.00,282.00,2.83,111,101044  
25/04/2009 21:00:00,10.09,84.31,0.00,-0.00,0.00,284.97,2.83,119,101031  
25/04/2009 22:00:00,9.99,87.71,0.00,-0.00,0.00,287.93,2.84,127,101017  
25/04/2009 23:00:00,9.90,91.10,0.00,-0.00,0.00,290.90,2.84,134,101004  
26/04/2009 00:00:00,9.84,92.94,0.00,-0.00,0.00,288.73,3.06,126,100994  
26/04/2009 01:00:00,9.77,94.77,0.00,-0.00,0.00,286.57,3.28,118,100984  
26/04/2009 02:00:00,9.71,96.61,0.00,-0.00,0.00,284.40,3.50,110,100974  
26/04/2009 03:00:00,9.91,96.55,0.00,-0.00,0.00,284.15,3.33,111,100964  
26/04/2009 04:00:00,10.12,96.50,0.00,-0.00,0.00,283.90,3.16,111,100954  
26/04/2009 05:00:00,10.32,96.44,0.00,0.00,0.00,283.65,2.99,112,100944  
26/04/2009 06:00:00,10.83,84.64,133.00,346.34,67.00,283.45,3.03,107,100938  
26/04/2009 07:00:00,11.33,72.84,317.00,604.25,99.00,283.25,3.07,101,100931  
26/04/2009 08:00:00,11.84,61.04,509.00,789.42,100.00,283.05,3.10,95,100924  
26/04/2009 09:00:00,12.02,57.76,517.00,343.66,293.00,283.13,3.60,93,100884  
26/04/2009 10:00:00,12.21,54.49,462.00,112.91,377.00,283.22,4.11,90,100844  
26/04/2009 11:00:00,12.39,51.21,818.00,754.13,204.00,283.30,4.61,88,100804  
26/04/2009 12:00:00,12.03,58.04,721.00,443.62,352.00,290.58,5.42,90,100748  
26/04/2009 13:00:00,11.66,64.86,802.00,737.20,209.00,297.87,6.23,92,100691  
26/04/2009 14:00:00,11.30,71.69,421.00,83.12,360.00,305.15,7.05,95,100635  
26/04/2009 15:00:00,11.24,72.89,534.00,459.16,247.00,305.23,6.80,96,100621  
26/04/2009 16:00:00,11.17,74.10,291.00,125.69,230.00,305.32,6.54,97,100608  
26/04/2009 17:00:00,11.11,75.30,285.00,626.10,82.00,305.40,6.29,98,100595  
26/04/2009 18:00:00,10.85,78.99,104.00,353.57,50.00,302.15,5.71,98,100625  
26/04/2009 19:00:00,10.60,82.69,0.00,-0.00,0.00,298.90,5.12,97,100655



26/04/2009 20:00:00,10.34,86.38,0.00,-0.00,0.00,295.65,4.54,96,100685  
26/04/2009 21:00:00,10.14,88.42,0.00,-0.00,0.00,297.72,4.57,95,100678  
26/04/2009 22:00:00,9.93,90.45,0.00,-0.00,0.00,299.78,4.60,95,100671  
26/04/2009 23:00:00,9.73,92.49,0.00,-0.00,0.00,301.85,4.63,94,100665  
27/04/2009 00:00:00,9.92,91.15,0.00,-0.00,0.00,305.37,4.34,90,100665  
27/04/2009 01:00:00,10.11,89.81,0.00,-0.00,0.00,308.88,4.04,87,100665  
27/04/2009 02:00:00,10.30,88.47,0.00,-0.00,0.00,312.40,3.74,83,100665  
27/04/2009 03:00:00,10.61,86.97,0.00,-0.00,0.00,312.97,3.89,73,100625  
27/04/2009 04:00:00,10.92,85.47,0.00,-0.00,0.00,313.53,4.05,64,100585  
27/04/2009 05:00:00,11.23,83.97,0.00,0.00,0.00,314.10,4.21,54,100545  
27/04/2009 06:00:00,11.49,82.32,60.00,5.13,59.00,317.20,5.41,54,100498  
27/04/2009 07:00:00,11.74,80.67,90.00,0.00,90.00,320.30,6.62,55,100452  
27/04/2009 08:00:00,11.99,79.02,200.00,9.58,195.00,323.40,7.82,55,100405  
27/04/2009 09:00:00,11.87,83.24,361.00,71.70,314.00,326.20,8.15,53,100335  
27/04/2009 10:00:00,11.76,87.46,247.00,1.32,246.00,329.00,8.47,52,100265  
27/04/2009 11:00:00,11.64,91.68,139.00,0.00,139.00,331.80,8.80,51,100195  
27/04/2009 12:00:00,11.41,91.27,209.00,0.00,209.00,339.13,8.69,52,100126  
27/04/2009 13:00:00,11.17,90.86,124.00,0.00,124.00,346.47,8.57,54,100056  
27/04/2009 14:00:00,10.94,90.45,97.00,0.00,97.00,353.80,8.46,56,99986  
27/04/2009 15:00:00,10.84,90.19,109.00,0.00,109.00,353.33,8.13,64,99969  
27/04/2009 16:00:00,10.75,89.92,189.00,10.24,184.00,352.87,7.80,72,99952  
27/04/2009 17:00:00,10.65,89.66,122.00,12.21,118.00,352.40,7.48,80,99936  
27/04/2009 18:00:00,10.40,90.06,114.00,448.00,44.00,346.58,6.98,85,99969  
27/04/2009 19:00:00,10.15,90.45,0.00,-0.00,0.00,340.77,6.49,90,100002  
27/04/2009 20:00:00,9.90,90.85,0.00,-0.00,0.00,334.95,6.00,95,100036  
27/04/2009 21:00:00,9.73,91.34,0.00,-0.00,0.00,335.03,5.94,95,100039  
27/04/2009 22:00:00,9.55,91.83,0.00,-0.00,0.00,335.12,5.89,94,100042  
27/04/2009 23:00:00,9.38,92.32,0.00,-0.00,0.00,335.20,5.83,94,100046  
28/04/2009 00:00:00,9.53,92.58,0.00,-0.00,0.00,325.10,5.41,92,100056  
28/04/2009 01:00:00,9.69,92.85,0.00,-0.00,0.00,315.00,4.98,90,100066  
28/04/2009 02:00:00,9.85,93.11,0.00,-0.00,0.00,304.90,4.55,88,100076  
28/04/2009 03:00:00,9.95,93.05,0.00,-0.00,0.00,302.72,4.30,86,100076  
28/04/2009 04:00:00,10.05,92.99,0.00,-0.00,0.00,300.53,4.05,85,100076  
28/04/2009 05:00:00,10.14,92.93,0.00,0.00,0.00,298.35,3.79,83,100076  
28/04/2009 06:00:00,10.43,88.66,155.00,501.57,55.00,298.53,4.58,80,100076  
28/04/2009 07:00:00,10.71,84.38,313.00,528.34,118.00,298.72,5.37,77,100076  
28/04/2009 08:00:00,10.99,80.11,489.00,652.25,146.00,298.90,6.17,74,100076  
28/04/2009 09:00:00,10.92,78.82,359.00,68.28,314.00,304.58,6.84,73,100042  
28/04/2009 10:00:00,10.84,77.53,639.00,410.75,327.00,310.27,7.52,71,100009  
28/04/2009 11:00:00,10.77,76.24,133.00,0.00,133.00,315.95,8.19,70,99976  
28/04/2009 12:00:00,10.94,78.69,840.00,747.13,214.00,317.27,8.40,74,99969  
28/04/2009 13:00:00,11.11,81.15,543.00,162.90,411.00,318.58,8.61,78,99962  
28/04/2009 14:00:00,11.28,83.60,444.00,102.74,368.00,319.90,8.81,82,99956  
28/04/2009 15:00:00,11.18,84.44,56.00,0.00,56.00,315.42,8.90,90,100006  
28/04/2009 16:00:00,11.08,85.29,116.00,0.00,116.00,310.93,8.98,97,100056  
28/04/2009 17:00:00,10.98,86.13,106.00,3.02,105.00,306.45,9.06,104,100106  
28/04/2009 18:00:00,10.67,87.31,109.00,350.55,53.00,303.48,8.57,107,100205  
28/04/2009 19:00:00,10.37,88.48,0.00,-0.00,0.00,300.52,8.09,110,100305  
28/04/2009 20:00:00,10.06,89.66,0.00,-0.00,0.00,297.55,7.60,112,100405  
28/04/2009 21:00:00,9.86,90.38,0.00,-0.00,0.00,299.77,6.93,112,100455

28/04/2009 22:00:00,9.66,91.11,0.00,-0.00,0.00,301.98,6.27,113,100505  
28/04/2009 23:00:00,9.46,91.83,0.00,-0.00,0.00,304.20,5.60,113,100555  
29/04/2009 00:00:00,9.52,90.54,0.00,-0.00,0.00,303.52,5.13,114,100615  
29/04/2009 01:00:00,9.57,89.24,0.00,-0.00,0.00,302.83,4.66,115,100675  
29/04/2009 02:00:00,9.63,87.95,0.00,-0.00,0.00,302.15,4.19,116,100735  
29/04/2009 03:00:00,9.76,89.37,0.00,-0.00,0.00,304.63,3.70,114,100778  
29/04/2009 04:00:00,9.89,90.78,0.00,-0.00,0.00,307.12,3.21,112,100821  
29/04/2009 05:00:00,10.01,92.20,0.00,0.00,0.00,309.60,2.72,109,100864  
29/04/2009 06:00:00,10.33,83.25,99.00,83.47,82.00,310.10,3.26,108,100924  
29/04/2009 07:00:00,10.64,74.30,336.00,648.60,94.00,310.60,3.79,107,100984  
29/04/2009 08:00:00,10.96,65.35,432.00,411.60,214.00,311.10,4.33,105,101044  
29/04/2009 09:00:00,11.20,64.03,400.00,111.69,326.00,317.35,4.74,103,101071  
29/04/2009 10:00:00,11.44,62.70,535.00,201.87,381.00,323.60,5.16,101,101097  
29/04/2009 11:00:00,11.68,61.38,662.00,337.52,384.00,329.85,5.57,98,101124  
29/04/2009 12:00:00,11.85,64.97,422.00,38.06,390.00,332.22,5.92,97,101171  
29/04/2009 13:00:00,12.01,68.57,603.00,247.18,402.00,334.58,6.26,95,101217  
29/04/2009 14:00:00,12.18,72.16,365.00,36.36,338.00,336.95,6.61,94,101264  
29/04/2009 15:00:00,12.18,75.55,203.00,1.58,202.00,333.75,5.98,90,101277  
29/04/2009 16:00:00,12.17,78.93,245.00,50.54,220.00,330.55,5.36,87,101290  
29/04/2009 17:00:00,12.17,82.32,164.00,62.87,143.00,327.35,4.73,83,101304  
29/04/2009 18:00:00,11.99,85.67,48.00,6.13,47.00,329.98,4.22,75,101347  
29/04/2009 19:00:00,11.82,89.03,0.00,-0.00,0.00,332.62,3.71,68,101390  
29/04/2009 20:00:00,11.64,92.38,0.00,-0.00,0.00,335.25,3.20,60,101434  
29/04/2009 21:00:00,11.59,93.47,0.00,-0.00,0.00,333.77,3.09,52,101427  
29/04/2009 22:00:00,11.53,94.56,0.00,-0.00,0.00,332.28,2.98,44,101420  
29/04/2009 23:00:00,11.48,95.65,0.00,-0.00,0.00,330.80,2.87,36,101414  
30/04/2009 00:00:00,11.53,95.35,0.00,-0.00,0.00,330.52,2.94,29,101424  
30/04/2009 01:00:00,11.59,95.06,0.00,-0.00,0.00,330.23,3.01,22,101434  
30/04/2009 02:00:00,11.65,94.76,0.00,-0.00,0.00,329.95,3.08,15,101444  
30/04/2009 03:00:00,11.66,94.54,0.00,-0.00,0.00,332.30,3.31,15,101437  
30/04/2009 04:00:00,11.68,94.33,0.00,-0.00,0.00,334.65,3.54,15,101430  
30/04/2009 05:00:00,11.69,94.11,0.00,0.00,0.00,337.00,3.78,16,101424  
30/04/2009 06:00:00,11.81,94.04,46.00,0.00,46.00,339.72,4.23,16,101434  
30/04/2009 07:00:00,11.93,93.96,92.00,0.00,92.00,342.43,4.69,17,101444  
30/04/2009 08:00:00,12.05,93.89,134.00,0.00,134.00,345.15,5.14,18,101453  
30/04/2009 09:00:00,12.01,94.18,241.00,4.50,238.00,346.98,5.04,20,101463  
30/04/2009 10:00:00,11.98,94.47,357.00,26.11,337.00,348.82,4.93,22,101473  
30/04/2009 11:00:00,11.94,94.76,344.00,10.89,335.00,350.65,4.83,24,101483  
30/04/2009 12:00:00,11.94,94.94,314.00,3.56,311.00,350.83,4.49,28,101500  
30/04/2009 13:00:00,11.95,95.12,330.00,8.58,323.00,351.02,4.15,33,101517  
30/04/2009 14:00:00,11.95,95.30,200.00,0.00,200.00,351.20,3.81,37,101533  
30/04/2009 15:00:00,11.83,94.90,273.00,17.27,262.00,353.20,3.31,46,101560  
30/04/2009 16:00:00,11.02,97.35,332.00,192.91,236.00,365.63,2.26,54,101587  
30/04/2009 17:00:00,11.07,97.06,136.00,20.76,129.00,360.03,2.28,62,101613  
30/04/2009 18:00:00,11.11,96.78,32.00,0.00,32.00,354.43,2.30,78,101690  
30/04/2009 19:00:00,11.16,96.49,0.00,-0.00,0.00,348.83,2.32,93,101766  
30/04/2009 20:00:00,11.21,96.20,0.00,-0.00,0.00,343.23,2.35,108,101843  
30/04/2009 21:00:00,11.26,95.92,0.00,-0.00,0.00,337.63,2.37,122,101886  
30/04/2009 22:00:00,11.31,95.63,0.00,-0.00,0.00,332.03,2.39,136,101929  
30/04/2009 23:00:00,11.36,95.35,0.00,-0.00,0.00,326.43,2.41,150,101973

01/05/2006 00:00:00,11.40,95.06,0.00,-0.00,0.00,320.83,2.43,359,100914  
01/05/2006 01:00:00,11.45,94.77,0.00,-0.00,0.00,315.24,2.45,339,100904  
01/05/2006 02:00:00,11.50,94.49,0.00,-0.00,0.00,309.64,2.47,320,100894  
01/05/2006 03:00:00,11.55,94.20,0.00,-0.00,0.00,304.04,2.50,317,100881  
01/05/2006 04:00:00,11.60,93.91,0.00,-0.00,0.00,298.44,2.52,313,100868  
01/05/2006 05:00:00,11.65,93.63,7.00,0.00,7.00,292.84,2.54,309,100854  
01/05/2006 06:00:00,11.69,93.34,160.00,412.02,71.00,287.24,2.56,314,100848  
01/05/2006 07:00:00,11.74,93.05,329.00,548.48,118.00,281.64,2.58,319,100841  
01/05/2006 08:00:00,13.34,70.76,512.00,703.13,132.00,298.10,3.28,324,100834  
01/05/2006 09:00:00,13.61,65.94,683.00,842.97,116.00,299.48,3.49,333,100798  
01/05/2006 10:00:00,13.88,61.13,795.00,854.66,135.00,300.87,3.69,342,100761  
01/05/2006 11:00:00,14.15,56.31,864.00,861.27,147.00,302.25,3.89,351,100725  
01/05/2006 12:00:00,14.18,56.30,921.00,997.30,74.00,302.80,4.04,10,100731  
01/05/2006 13:00:00,14.20,56.28,874.00,939.77,102.00,303.35,4.18,30,100738  
01/05/2006 14:00:00,14.23,56.27,782.00,893.52,111.00,303.90,4.33,49,100745  
01/05/2006 15:00:00,13.99,59.71,663.00,901.12,84.00,304.60,4.02,64,100758  
01/05/2006 16:00:00,13.76,63.15,475.00,708.91,118.00,305.30,3.71,80,100771  
01/05/2006 17:00:00,13.52,66.59,300.00,614.09,89.00,306.00,3.39,96,100785  
01/05/2006 18:00:00,13.04,74.18,112.00,282.49,63.00,306.10,2.97,106,100831  
01/05/2006 19:00:00,12.55,81.76,0.00,0.00,0.00,306.20,2.55,116,100878  
01/05/2006 20:00:00,12.07,89.35,0.00,-0.00,0.00,306.30,2.12,126,100924  
01/05/2006 21:00:00,11.96,91.66,0.00,-0.00,0.00,308.12,2.10,138,100948  
01/05/2006 22:00:00,11.85,93.98,0.00,-0.00,0.00,309.93,2.08,150,100971  
01/05/2006 23:00:00,11.74,96.29,0.00,-0.00,0.00,311.75,2.06,162,100994  
02/05/2006 00:00:00,11.73,96.72,0.00,-0.00,0.00,309.70,2.03,183,101031  
02/05/2006 01:00:00,11.71,97.16,0.00,-0.00,0.00,307.65,2.00,205,101067  
02/05/2006 02:00:00,11.70,97.59,0.00,-0.00,0.00,305.60,1.97,226,101104  
02/05/2006 03:00:00,11.79,98.04,0.00,-0.00,0.00,307.08,2.02,233,101117  
02/05/2006 04:00:00,11.88,98.49,0.00,-0.00,0.00,308.57,2.07,240,101131  
02/05/2006 05:00:00,11.96,98.94,3.00,0.00,3.00,310.05,2.12,246,101144  
02/05/2006 06:00:00,12.63,89.78,104.00,72.74,88.00,317.02,2.40,260,101157  
02/05/2006 07:00:00,13.29,80.62,308.00,419.68,145.00,323.98,2.69,274,101171  
02/05/2006 08:00:00,13.96,71.46,504.00,652.73,149.00,330.95,2.97,287,101184  
02/05/2006 09:00:00,14.27,67.73,646.00,683.63,184.00,330.77,2.83,294,101177  
02/05/2006 10:00:00,14.58,64.01,790.00,824.29,151.00,330.58,2.70,301,101171  
02/05/2006 11:00:00,14.89,60.28,867.00,861.96,147.00,330.40,2.57,308,101164  
02/05/2006 12:00:00,15.29,58.81,902.00,916.67,121.00,328.25,2.54,292,101154  
02/05/2006 13:00:00,15.69,57.35,858.00,873.64,138.00,326.10,2.51,277,101144  
02/05/2006 14:00:00,16.09,55.88,739.00,725.81,192.00,323.95,2.48,261,101134  
02/05/2006 15:00:00,16.28,58.49,636.00,770.18,139.00,324.35,2.35,261,101104  
02/05/2006 16:00:00,16.47,61.09,488.00,764.05,101.00,324.75,2.23,261,101074  
02/05/2006 17:00:00,16.66,63.70,213.00,167.28,155.00,325.15,2.10,261,101044  
02/05/2006 18:00:00,16.36,68.96,56.00,11.31,54.00,326.37,2.47,270,101044  
02/05/2006 19:00:00,16.05,74.23,0.00,0.00,0.00,327.58,2.84,278,101044  
02/05/2006 20:00:00,15.75,79.49,0.00,-0.00,0.00,328.80,3.21,286,101044  
02/05/2006 21:00:00,15.69,79.31,0.00,-0.00,0.00,327.58,3.75,297,101031  
02/05/2006 22:00:00,15.64,79.12,0.00,-0.00,0.00,326.37,4.29,308,101017  
02/05/2006 23:00:00,15.58,78.94,0.00,-0.00,0.00,325.15,4.83,319,101004  
03/05/2006 00:00:00,15.38,80.20,0.00,-0.00,0.00,321.75,4.70,319,101004  
03/05/2006 01:00:00,15.18,81.47,0.00,-0.00,0.00,318.35,4.57,319,101004

03/05/2006 02:00:00,14.98,82.73,0.00,-0.00,0.00,314.95,4.44,320,101004  
03/05/2006 03:00:00,14.91,80.08,0.00,-0.00,0.00,314.45,4.72,320,101017  
03/05/2006 04:00:00,14.84,77.42,0.00,-0.00,0.00,313.95,5.00,321,101031  
03/05/2006 05:00:00,14.77,74.77,3.00,0.00,3.00,313.45,5.28,322,101044  
03/05/2006 06:00:00,15.06,69.39,91.00,35.74,83.00,313.95,5.56,327,101064  
03/05/2006 07:00:00,15.35,64.02,261.00,219.39,175.00,314.45,5.84,332,101084  
03/05/2006 08:00:00,15.64,58.64,401.00,277.77,249.00,314.95,6.12,337,101104  
03/05/2006 09:00:00,15.50,56.33,627.00,605.38,216.00,315.47,5.78,347,101111  
03/05/2006 10:00:00,15.36,54.02,697.00,523.06,290.00,315.98,5.44,358,101117  
03/05/2006 11:00:00,15.22,51.71,765.00,550.09,304.00,316.50,5.10,9,101124  
03/05/2006 12:00:00,14.93,53.95,851.00,744.18,215.00,318.77,5.21,27,101141  
03/05/2006 13:00:00,14.64,56.18,884.00,957.98,92.00,321.03,5.31,45,101157  
03/05/2006 14:00:00,14.35,58.42,699.00,591.05,252.00,323.30,5.42,64,101174  
03/05/2006 15:00:00,14.08,61.94,614.00,672.80,178.00,324.75,5.26,73,101237  
03/05/2006 16:00:00,13.81,65.45,330.00,176.68,240.00,326.20,5.10,82,101300  
03/05/2006 17:00:00,13.55,68.97,44.00,0.00,44.00,327.65,4.94,91,101364  
03/05/2006 18:00:00,13.27,73.01,21.00,0.00,21.00,327.98,4.49,95,101444  
03/05/2006 19:00:00,12.98,77.05,0.00,0.00,0.00,328.32,4.04,99,101523  
03/05/2006 20:00:00,12.70,81.09,0.00,-0.00,0.00,328.65,3.59,104,101603  
03/05/2006 21:00:00,12.71,84.03,0.00,-0.00,0.00,330.87,3.11,106,101647  
03/05/2006 22:00:00,12.73,86.96,0.00,-0.00,0.00,333.08,2.64,108,101690  
03/05/2006 23:00:00,12.74,89.90,0.00,-0.00,0.00,335.30,2.17,110,101733  
04/05/2006 00:00:00,12.81,91.40,0.00,-0.00,0.00,332.78,2.11,110,101786  
04/05/2006 01:00:00,12.88,92.89,0.00,-0.00,0.00,330.27,2.06,110,101840  
04/05/2006 02:00:00,12.96,94.39,0.00,-0.00,0.00,327.75,2.01,110,101893  
04/05/2006 03:00:00,13.04,94.83,0.00,-0.00,0.00,330.52,1.85,119,101929  
04/05/2006 04:00:00,13.13,95.28,0.00,-0.00,0.00,333.28,1.69,127,101966  
04/05/2006 05:00:00,13.21,95.72,17.00,34.39,15.00,336.05,1.53,136,102003  
04/05/2006 06:00:00,13.55,86.74,68.00,4.39,67.00,340.42,1.47,145,102036  
04/05/2006 07:00:00,13.88,77.77,146.00,10.11,142.00,344.78,1.40,154,102069  
04/05/2006 08:00:00,14.21,68.79,351.00,159.86,263.00,349.15,1.34,163,102102  
04/05/2006 09:00:00,14.24,64.33,495.00,247.82,326.00,347.17,1.28,151,102099  
04/05/2006 10:00:00,14.26,59.86,458.00,93.48,385.00,345.18,1.22,140,102096  
04/05/2006 11:00:00,14.29,55.40,338.00,8.33,331.00,343.20,1.16,128,102093  
04/05/2006 12:00:00,14.49,54.63,589.00,181.99,433.00,340.65,1.04,125,102086  
04/05/2006 13:00:00,14.68,53.87,487.00,91.64,411.00,338.10,0.92,122,102079  
04/05/2006 14:00:00,14.88,53.10,321.00,14.50,310.00,335.55,0.80,119,102073  
04/05/2006 15:00:00,14.77,55.72,208.00,1.54,207.00,335.73,1.18,131,102049  
04/05/2006 16:00:00,14.66,58.35,214.00,19.52,204.00,335.92,1.56,143,102026  
04/05/2006 17:00:00,14.55,60.97,117.00,5.67,115.00,336.10,1.94,156,102003  
04/05/2006 18:00:00,14.10,69.13,47.00,0.00,47.00,335.40,1.97,160,102026  
04/05/2006 19:00:00,13.66,77.29,0.00,0.00,0.00,334.70,2.00,165,102049  
04/05/2006 20:00:00,13.21,85.45,0.00,-0.00,0.00,334.00,2.03,169,102073  
04/05/2006 21:00:00,13.11,87.82,0.00,-0.00,0.00,334.72,2.05,177,102059  
04/05/2006 22:00:00,13.00,90.19,0.00,-0.00,0.00,335.43,2.06,185,102046  
04/05/2006 23:00:00,12.90,92.56,0.00,-0.00,0.00,336.15,2.08,193,102033  
05/05/2006 00:00:00,12.85,92.53,0.00,-0.00,0.00,334.73,2.09,196,101986  
05/05/2006 01:00:00,12.81,92.50,0.00,-0.00,0.00,333.32,2.10,199,101939  
05/05/2006 02:00:00,12.77,92.47,0.00,-0.00,0.00,331.90,2.11,202,101893  
05/05/2006 03:00:00,12.83,92.45,0.00,-0.00,0.00,332.87,1.71,196,101870

05/05/2006 04:00:00,12.89,92.44,0.00,-0.00,0.00,333.83,1.31,190,101846  
05/05/2006 05:00:00,12.95,92.42,24.00,96.64,18.00,334.80,0.91,184,101823  
05/05/2006 06:00:00,13.32,86.37,76.00,8.65,74.00,331.87,1.27,161,101826  
05/05/2006 07:00:00,13.69,80.32,86.00,0.00,86.00,328.93,1.63,137,101830  
05/05/2006 08:00:00,14.06,74.27,238.00,21.67,226.00,326.00,1.99,114,101833  
05/05/2006 09:00:00,14.03,71.17,114.00,0.00,114.00,325.22,2.83,110,101810  
05/05/2006 10:00:00,14.00,68.08,605.00,301.14,369.00,324.43,3.67,107,101786  
05/05/2006 11:00:00,13.97,64.98,249.00,0.00,249.00,323.65,4.51,103,101763  
05/05/2006 12:00:00,14.14,62.22,294.00,1.16,293.00,321.60,4.52,107,101760  
05/05/2006 13:00:00,14.31,59.47,367.00,18.03,352.00,319.55,4.53,112,101756  
05/05/2006 14:00:00,14.48,56.71,500.00,156.29,381.00,317.50,4.54,116,101753  
05/05/2006 15:00:00,14.39,58.90,466.00,235.70,312.00,317.23,4.45,114,101750  
05/05/2006 16:00:00,14.30,61.08,415.00,405.78,206.00,316.97,4.35,113,101746  
05/05/2006 17:00:00,14.21,63.27,218.00,162.97,160.00,316.70,4.26,111,101743  
05/05/2006 18:00:00,13.80,68.26,108.00,182.11,74.00,314.05,3.81,111,101773  
05/05/2006 19:00:00,13.38,73.24,0.00,0.00,0.00,311.40,3.35,112,101803  
05/05/2006 20:00:00,12.97,78.23,0.00,-0.00,0.00,308.75,2.90,112,101833  
05/05/2006 21:00:00,12.79,81.54,0.00,-0.00,0.00,307.18,2.70,115,101820  
05/05/2006 22:00:00,12.60,84.84,0.00,-0.00,0.00,305.62,2.50,117,101806  
05/05/2006 23:00:00,12.42,88.15,0.00,-0.00,0.00,304.05,2.30,120,101793  
06/05/2006 00:00:00,12.17,91.67,0.00,-0.00,0.00,306.78,2.44,122,101773  
06/05/2006 01:00:00,11.92,95.19,0.00,-0.00,0.00,309.52,2.57,124,101753  
06/05/2006 02:00:00,11.67,98.71,0.00,-0.00,0.00,312.25,2.70,126,101733  
06/05/2006 03:00:00,11.63,97.87,0.00,-0.00,0.00,319.65,2.42,150,101723  
06/05/2006 04:00:00,11.59,97.03,0.00,-0.00,0.00,327.05,2.13,175,101713  
06/05/2006 05:00:00,11.55,96.19,18.00,15.17,17.00,334.45,1.85,200,101703  
06/05/2006 06:00:00,11.95,87.00,128.00,127.73,98.00,339.67,1.88,223,101680  
06/05/2006 07:00:00,12.35,77.82,240.00,139.21,184.00,344.88,1.91,246,101657  
06/05/2006 08:00:00,12.75,68.63,132.00,0.00,132.00,350.10,1.94,268,101633  
06/05/2006 09:00:00,12.87,63.76,511.00,270.44,325.00,349.43,2.03,286,101587  
06/05/2006 10:00:00,12.99,58.90,492.00,125.90,393.00,348.77,2.11,304,101540  
06/05/2006 11:00:00,13.11,54.03,236.00,0.00,236.00,348.10,2.19,321,101493  
06/05/2006 12:00:00,12.92,58.42,144.00,0.00,144.00,351.50,2.55,328,101390  
06/05/2006 13:00:00,12.73,62.82,117.00,0.00,117.00,354.90,2.90,335,101287  
06/05/2006 14:00:00,12.55,67.21,69.00,0.00,69.00,358.30,3.26,342,101184  
06/05/2006 15:00:00,12.30,75.42,62.00,0.00,62.00,360.05,3.57,8,101127  
06/05/2006 16:00:00,12.06,83.62,153.00,0.00,153.00,361.80,3.89,34,101071  
06/05/2006 17:00:00,11.82,91.83,43.00,0.00,43.00,363.55,4.21,60,101014  
06/05/2006 18:00:00,11.49,91.72,24.00,0.00,24.00,348.72,4.66,68,101017  
06/05/2006 19:00:00,11.15,91.61,0.00,0.00,0.00,333.88,5.12,77,101021  
06/05/2006 20:00:00,10.82,91.50,0.00,-0.00,0.00,319.05,5.57,86,101024  
06/05/2006 21:00:00,10.83,91.59,0.00,-0.00,0.00,314.07,5.27,85,101034  
06/05/2006 22:00:00,10.85,91.69,0.00,-0.00,0.00,309.08,4.97,84,101044  
06/05/2006 23:00:00,10.86,91.78,0.00,-0.00,0.00,304.10,4.68,82,101054  
07/05/2006 00:00:00,10.83,92.73,0.00,-0.00,0.00,309.62,4.47,72,101064  
07/05/2006 01:00:00,10.80,93.67,0.00,-0.00,0.00,315.13,4.27,62,101074  
07/05/2006 02:00:00,10.78,94.62,0.00,-0.00,0.00,320.65,4.07,52,101084  
07/05/2006 03:00:00,10.63,94.29,0.00,-0.00,0.00,322.62,4.34,51,101104  
07/05/2006 04:00:00,10.49,93.96,0.00,-0.00,0.00,324.58,4.62,50,101124  
07/05/2006 05:00:00,10.34,93.63,24.00,57.42,20.00,326.55,4.90,48,101144

07/05/2006 06:00:00,10.64,92.43,41.00,0.00,41.00,323.23,5.03,50,101161  
07/05/2006 07:00:00,10.93,91.24,210.00,73.98,180.00,319.92,5.17,51,101177  
07/05/2006 08:00:00,11.23,90.04,220.00,12.51,213.00,316.60,5.31,52,101194  
07/05/2006 09:00:00,11.32,85.21,536.00,321.49,314.00,314.32,5.42,57,101211  
07/05/2006 10:00:00,11.42,80.38,729.00,586.84,266.00,312.03,5.53,63,101227  
07/05/2006 11:00:00,11.51,75.55,726.00,434.97,357.00,309.75,5.64,68,101244  
07/05/2006 12:00:00,11.92,72.97,179.00,0.00,179.00,310.13,5.97,75,101270  
07/05/2006 13:00:00,12.33,70.38,421.00,40.64,387.00,310.52,6.30,82,101297  
07/05/2006 14:00:00,12.73,67.80,790.00,866.45,126.00,310.90,6.63,88,101324  
07/05/2006 15:00:00,12.77,67.56,556.00,447.95,261.00,312.47,6.40,93,101357  
07/05/2006 16:00:00,12.81,67.32,352.00,209.38,243.00,314.03,6.16,98,101390  
07/05/2006 17:00:00,12.84,67.08,193.00,91.20,160.00,315.60,5.92,103,101424  
07/05/2006 18:00:00,12.49,71.67,124.00,269.25,72.00,312.92,5.08,106,101497  
07/05/2006 19:00:00,12.13,76.27,0.00,0.00,0.00,310.23,4.23,109,101570  
07/05/2006 20:00:00,11.78,80.86,0.00,-0.00,0.00,307.55,3.39,112,101643  
07/05/2006 21:00:00,11.64,84.16,0.00,-0.00,0.00,306.50,3.19,113,101696  
07/05/2006 22:00:00,11.50,87.46,0.00,-0.00,0.00,305.45,2.99,114,101750  
07/05/2006 23:00:00,11.36,90.76,0.00,-0.00,0.00,304.40,2.79,115,101803  
08/05/2006 00:00:00,11.31,92.03,0.00,-0.00,0.00,302.03,2.92,115,101823  
08/05/2006 01:00:00,11.27,93.30,0.00,-0.00,0.00,299.67,3.05,114,101843  
08/05/2006 02:00:00,11.23,94.57,0.00,-0.00,0.00,297.30,3.19,113,101863  
08/05/2006 03:00:00,11.29,93.84,0.00,-0.00,0.00,295.73,2.76,114,101889  
08/05/2006 04:00:00,11.36,93.10,0.00,-0.00,0.00,294.17,2.33,114,101916  
08/05/2006 05:00:00,11.42,92.37,35.00,163.68,23.00,292.60,1.90,114,101943  
08/05/2006 06:00:00,11.76,83.12,190.00,488.06,72.00,294.68,2.32,113,101959  
08/05/2006 07:00:00,12.10,73.86,371.00,667.99,98.00,296.77,2.74,111,101976  
08/05/2006 08:00:00,12.44,64.61,545.00,755.32,120.00,298.85,3.16,109,101993  
08/05/2006 09:00:00,12.52,60.89,603.00,490.45,263.00,301.00,3.48,110,101989  
08/05/2006 10:00:00,12.61,57.18,337.00,15.16,325.00,303.15,3.79,110,101986  
08/05/2006 11:00:00,12.69,53.46,142.00,0.00,142.00,305.30,4.11,111,101983  
08/05/2006 12:00:00,12.73,54.14,749.00,449.87,359.00,304.30,4.04,112,101949  
08/05/2006 13:00:00,12.77,54.83,313.00,4.77,309.00,303.30,3.96,114,101916  
08/05/2006 14:00:00,12.81,55.51,724.00,632.19,238.00,302.30,3.89,115,101883  
08/05/2006 15:00:00,12.82,56.82,642.00,732.14,158.00,300.10,3.71,119,101876  
08/05/2006 16:00:00,12.84,58.12,360.00,221.68,244.00,297.90,3.52,124,101870  
08/05/2006 17:00:00,12.85,59.43,165.00,41.12,150.00,295.70,3.34,128,101863  
08/05/2006 18:00:00,12.54,66.03,57.00,5.09,56.00,293.22,3.12,137,101886  
08/05/2006 19:00:00,12.24,72.63,0.00,0.00,0.00,290.73,2.90,146,101909  
08/05/2006 20:00:00,11.93,79.23,0.00,-0.00,0.00,288.25,2.68,154,101933  
08/05/2006 21:00:00,11.77,82.30,0.00,-0.00,0.00,285.72,2.89,164,101923  
08/05/2006 22:00:00,11.61,85.37,0.00,-0.00,0.00,283.18,3.10,174,101913  
08/05/2006 23:00:00,11.45,88.44,0.00,-0.00,0.00,280.65,3.31,184,101903  
09/05/2006 00:00:00,11.19,91.19,0.00,-0.00,0.00,280.48,3.29,191,101870  
09/05/2006 01:00:00,10.92,93.93,0.00,-0.00,0.00,280.32,3.26,199,101836  
09/05/2006 02:00:00,10.66,96.68,0.00,-0.00,0.00,280.15,3.24,207,101803  
09/05/2006 03:00:00,10.65,95.40,0.00,-0.00,0.00,279.72,2.71,208,101810  
09/05/2006 04:00:00,10.64,94.11,0.00,-0.00,0.00,279.28,2.18,210,101816  
09/05/2006 05:00:00,10.62,92.83,37.00,169.11,24.00,278.85,1.66,211,101823  
09/05/2006 06:00:00,11.06,86.01,193.00,489.61,73.00,278.98,1.78,209,101816  
09/05/2006 07:00:00,11.50,79.19,373.00,658.15,102.00,279.12,1.90,207,101810

09/05/2006 08:00:00,11.94,72.37,545.00,742.69,125.00,279.25,2.03,204,101803  
09/05/2006 09:00:00,12.39,66.36,675.00,717.09,176.00,279.97,2.11,206,101776  
09/05/2006 10:00:00,12.85,60.36,806.00,812.39,161.00,280.68,2.18,208,101750  
09/05/2006 11:00:00,13.30,54.35,862.00,786.57,191.00,281.40,2.26,210,101723  
09/05/2006 12:00:00,13.63,55.90,821.00,618.96,283.00,287.32,2.18,208,101666  
09/05/2006 13:00:00,13.96,57.44,499.00,96.29,418.00,293.23,2.10,205,101610  
09/05/2006 14:00:00,14.28,58.99,450.00,93.37,378.00,299.15,2.01,202,101553  
09/05/2006 15:00:00,14.41,60.20,370.00,79.87,317.00,299.78,1.92,205,101533  
09/05/2006 16:00:00,14.53,61.42,315.00,125.49,249.00,300.42,1.82,208,101513  
09/05/2006 17:00:00,14.65,62.63,318.00,587.54,102.00,301.05,1.72,210,101493  
09/05/2006 18:00:00,14.38,70.72,109.00,145.43,80.00,298.57,2.17,215,101530  
09/05/2006 19:00:00,14.10,78.81,0.00,0.00,0.00,296.08,2.61,219,101567  
09/05/2006 20:00:00,13.83,86.90,0.00,-0.00,0.00,293.60,3.05,223,101603  
09/05/2006 21:00:00,13.60,89.88,0.00,-0.00,0.00,293.72,3.20,236,101590  
09/05/2006 22:00:00,13.36,92.85,0.00,-0.00,0.00,293.83,3.36,249,101577  
09/05/2006 23:00:00,13.13,95.83,0.00,-0.00,0.00,293.95,3.52,262,101563  
10/05/2006 00:00:00,12.86,96.11,0.00,-0.00,0.00,293.53,3.42,261,101567  
10/05/2006 01:00:00,12.59,96.39,0.00,-0.00,0.00,293.12,3.31,259,101570  
10/05/2006 02:00:00,12.33,96.67,0.00,-0.00,0.00,292.70,3.21,257,101573  
10/05/2006 03:00:00,12.20,94.91,0.00,-0.00,0.00,291.50,3.59,259,101577  
10/05/2006 04:00:00,12.08,93.15,0.00,-0.00,0.00,290.30,3.96,260,101580  
10/05/2006 05:00:00,11.95,91.39,37.00,136.92,26.00,289.10,4.33,261,101583  
10/05/2006 06:00:00,12.45,83.54,191.00,451.03,79.00,288.48,4.57,263,101587  
10/05/2006 07:00:00,12.94,75.68,372.00,636.54,108.00,287.87,4.80,265,101590  
10/05/2006 08:00:00,13.43,67.83,548.00,744.38,125.00,287.25,5.03,266,101593  
10/05/2006 09:00:00,13.98,62.31,715.00,867.69,109.00,288.17,4.97,269,101553  
10/05/2006 10:00:00,14.54,56.79,822.00,860.20,137.00,289.08,4.90,271,101513  
10/05/2006 11:00:00,15.09,51.27,893.00,882.69,138.00,290.00,4.83,273,101473  
10/05/2006 12:00:00,15.54,51.83,908.00,870.99,149.00,292.37,4.74,275,101424  
10/05/2006 13:00:00,15.98,52.38,754.00,513.35,321.00,294.73,4.64,278,101374  
10/05/2006 14:00:00,16.42,52.94,607.00,324.53,356.00,297.10,4.55,280,101324  
10/05/2006 15:00:00,16.43,55.34,592.00,539.03,233.00,299.80,3.87,275,101307  
10/05/2006 16:00:00,16.44,57.73,416.00,372.70,219.00,302.50,3.19,271,101290  
10/05/2006 17:00:00,16.45,60.13,241.00,207.84,164.00,305.20,2.51,267,101274  
10/05/2006 18:00:00,16.08,65.75,137.00,316.05,73.00,308.57,2.68,261,101284  
10/05/2006 19:00:00,15.72,71.36,0.00,0.00,0.00,311.93,2.84,256,101294  
10/05/2006 20:00:00,15.35,76.98,0.00,-0.00,0.00,315.30,3.01,250,101304  
10/05/2006 21:00:00,15.09,78.44,0.00,-0.00,0.00,320.15,2.92,252,101287  
10/05/2006 22:00:00,14.84,79.91,0.00,-0.00,0.00,325.00,2.83,255,101270  
10/05/2006 23:00:00,14.58,81.37,0.00,-0.00,0.00,329.85,2.74,257,101254  
11/05/2006 00:00:00,14.44,84.89,0.00,-0.00,0.00,331.78,2.66,264,101244  
11/05/2006 01:00:00,14.31,88.41,0.00,-0.00,0.00,333.72,2.58,270,101234  
11/05/2006 02:00:00,14.18,91.93,0.00,-0.00,0.00,335.65,2.50,277,101224  
11/05/2006 03:00:00,14.14,92.04,0.00,-0.00,0.00,337.20,2.07,285,101234  
11/05/2006 04:00:00,14.11,92.16,0.00,-0.00,0.00,338.75,1.64,293,101244  
11/05/2006 05:00:00,14.07,92.27,16.00,0.00,16.00,340.30,1.21,302,101254  
11/05/2006 06:00:00,14.47,87.07,47.00,0.00,47.00,339.58,1.24,323,101277  
11/05/2006 07:00:00,14.87,81.87,199.00,47.89,179.00,338.87,1.27,344,101300  
11/05/2006 08:00:00,15.27,76.67,297.00,63.06,261.00,338.15,1.30,6,101324  
11/05/2006 09:00:00,15.40,70.66,356.00,48.51,322.00,334.87,1.74,15,101334

11/05/2006 10:00:00,15.52,64.64,577.00,231.65,392.00,331.58,2.18,24,101344  
11/05/2006 11:00:00,15.65,58.63,832.00,684.52,245.00,328.30,2.62,33,101354  
11/05/2006 12:00:00,15.68,60.33,815.00,594.11,296.00,326.17,3.32,38,101380  
11/05/2006 13:00:00,15.71,62.04,742.00,478.92,337.00,324.03,4.03,42,101407  
11/05/2006 14:00:00,15.74,63.74,670.00,464.11,310.00,321.90,4.73,46,101434  
11/05/2006 15:00:00,15.51,65.75,591.00,528.12,238.00,319.10,4.54,56,101447  
11/05/2006 16:00:00,15.28,67.76,513.00,764.36,107.00,316.30,4.35,66,101460  
11/05/2006 17:00:00,15.05,69.77,335.00,661.68,88.00,313.50,4.17,75,101473  
11/05/2006 18:00:00,14.61,76.26,146.00,369.74,70.00,312.63,3.56,79,101517  
11/05/2006 19:00:00,14.16,82.76,0.00,0.00,0.00,311.77,2.96,84,101560  
11/05/2006 20:00:00,13.72,89.25,0.00,-0.00,0.00,310.90,2.36,88,101603  
11/05/2006 21:00:00,13.56,91.60,0.00,-0.00,0.00,311.28,2.45,79,101610  
11/05/2006 22:00:00,13.41,93.95,0.00,-0.00,0.00,311.67,2.53,71,101617  
11/05/2006 23:00:00,13.25,96.30,0.00,-0.00,0.00,312.05,2.62,63,101623  
12/05/2006 00:00:00,13.22,96.86,0.00,-0.00,0.00,317.38,2.47,62,101630  
12/05/2006 01:00:00,13.19,97.42,0.00,-0.00,0.00,322.72,2.33,61,101637  
12/05/2006 02:00:00,13.17,97.98,0.00,-0.00,0.00,328.05,2.18,60,101643  
12/05/2006 03:00:00,13.12,97.73,0.00,-0.00,0.00,329.97,2.19,67,101666  
12/05/2006 04:00:00,13.06,97.49,0.00,-0.00,0.00,331.88,2.21,74,101690  
12/05/2006 05:00:00,13.01,97.24,4.00,0.00,4.00,333.80,2.22,81,101713  
12/05/2006 06:00:00,13.18,89.85,23.00,0.00,23.00,333.15,2.34,86,101740  
12/05/2006 07:00:00,13.34,82.47,228.00,90.38,190.00,332.50,2.46,90,101766  
12/05/2006 08:00:00,13.51,75.08,187.00,1.74,186.00,331.85,2.58,95,101793  
12/05/2006 09:00:00,13.60,70.00,235.00,1.42,234.00,329.42,2.95,95,101813  
12/05/2006 10:00:00,13.68,64.93,177.00,0.00,177.00,326.98,3.32,96,101833  
12/05/2006 11:00:00,13.77,59.85,143.00,0.00,143.00,324.55,3.70,96,101853  
12/05/2006 12:00:00,13.98,59.47,211.00,0.00,211.00,338.48,4.00,95,101876  
12/05/2006 13:00:00,14.18,59.09,231.00,0.00,231.00,352.42,4.29,95,101899  
12/05/2006 14:00:00,14.39,58.71,130.00,0.00,130.00,366.35,4.59,94,101923  
12/05/2006 15:00:00,14.29,60.66,291.00,19.38,278.00,365.20,4.52,98,101943  
12/05/2006 16:00:00,14.20,62.61,150.00,0.00,150.00,364.05,4.45,101,101963  
12/05/2006 17:00:00,14.11,64.56,115.00,2.66,114.00,362.90,4.37,104,101983  
12/05/2006 18:00:00,13.74,71.47,145.00,340.42,74.00,360.58,3.60,105,102033  
12/05/2006 19:00:00,13.36,78.38,1.00,23.46,0.00,358.27,2.83,105,102083  
12/05/2006 20:00:00,12.99,85.29,0.00,-0.00,0.00,355.95,2.06,106,102132  
12/05/2006 21:00:00,12.80,88.53,0.00,-0.00,0.00,354.50,2.12,110,102149  
12/05/2006 22:00:00,12.60,91.76,0.00,-0.00,0.00,353.05,2.18,115,102166  
12/05/2006 23:00:00,12.41,95.00,0.00,-0.00,0.00,351.60,2.25,119,102182  
13/05/2006 00:00:00,12.34,96.67,0.00,-0.00,0.00,348.05,2.04,147,102186  
13/05/2006 01:00:00,12.27,98.33,0.00,-0.00,0.00,344.50,1.83,176,102189  
13/05/2006 02:00:00,12.21,100.00,0.00,-0.00,0.00,340.95,1.63,204,102192  
13/05/2006 03:00:00,12.30,98.95,0.00,-0.00,0.00,340.22,1.89,226,102186  
13/05/2006 04:00:00,12.39,97.89,0.00,-0.00,0.00,339.48,2.16,247,102179  
13/05/2006 05:00:00,12.47,96.84,11.00,0.00,11.00,338.75,2.43,268,102172  
13/05/2006 06:00:00,13.03,88.52,96.00,19.42,91.00,336.72,2.88,279,102156  
13/05/2006 07:00:00,13.58,80.20,225.00,82.72,190.00,334.68,3.34,290,102139  
13/05/2006 08:00:00,14.13,71.88,470.00,414.94,231.00,332.65,3.79,301,102122  
13/05/2006 09:00:00,14.62,67.38,689.00,734.18,171.00,329.12,3.75,300,102079  
13/05/2006 10:00:00,15.11,62.87,702.00,480.68,316.00,325.58,3.71,298,102036  
13/05/2006 11:00:00,15.60,58.37,743.00,447.93,357.00,322.05,3.67,297,101993



13/05/2006 12:00:00,16.18,57.49,880.00,762.20,211.00,321.33,4.02,294,101896  
13/05/2006 13:00:00,16.75,56.62,852.00,769.53,198.00,320.62,4.37,291,101800  
13/05/2006 14:00:00,17.33,55.74,705.00,546.10,279.00,319.90,4.72,287,101703  
13/05/2006 15:00:00,17.41,58.10,471.00,216.91,325.00,329.57,4.21,286,101650  
13/05/2006 16:00:00,17.50,60.46,459.00,503.52,189.00,339.23,3.70,285,101597  
13/05/2006 17:00:00,17.58,62.82,319.00,530.62,118.00,348.90,3.19,284,101543  
13/05/2006 18:00:00,17.25,64.60,127.00,198.55,85.00,352.47,3.33,282,101520  
13/05/2006 19:00:00,16.92,66.38,2.00,0.00,2.00,356.03,3.47,281,101497  
13/05/2006 20:00:00,16.59,68.16,0.00,-0.00,0.00,359.60,3.61,280,101473  
13/05/2006 21:00:00,16.34,68.70,0.00,-0.00,0.00,359.87,3.38,285,101420  
13/05/2006 22:00:00,16.09,69.25,0.00,-0.00,0.00,360.13,3.14,291,101367  
13/05/2006 23:00:00,15.84,69.79,0.00,-0.00,0.00,360.40,2.91,296,101314  
14/05/2006 00:00:00,15.60,76.09,0.00,-0.00,0.00,360.78,2.47,305,101304  
14/05/2006 01:00:00,15.37,82.38,0.00,-0.00,0.00,361.17,2.04,313,101294  
14/05/2006 02:00:00,15.14,88.68,0.00,-0.00,0.00,361.55,1.60,322,101284  
14/05/2006 03:00:00,15.18,89.41,0.00,-0.00,0.00,359.80,1.66,356,101280  
14/05/2006 04:00:00,15.22,90.14,0.00,-0.00,0.00,358.05,1.71,30,101277  
14/05/2006 05:00:00,15.25,90.87,17.00,0.00,17.00,356.30,1.77,64,101274  
14/05/2006 06:00:00,15.52,86.33,41.00,0.00,41.00,348.20,2.52,72,101307  
14/05/2006 07:00:00,15.78,81.79,200.00,44.63,181.00,340.10,3.27,80,101340  
14/05/2006 08:00:00,16.05,77.25,216.00,6.92,212.00,332.00,4.03,88,101374  
14/05/2006 09:00:00,16.03,70.70,314.00,21.19,299.00,328.43,4.17,85,101397  
14/05/2006 10:00:00,16.02,64.16,473.00,94.40,397.00,324.87,4.31,82,101420  
14/05/2006 11:00:00,16.00,57.61,740.00,436.47,363.00,321.30,4.46,79,101444  
14/05/2006 12:00:00,16.05,59.49,912.00,855.97,159.00,322.67,4.45,78,101437  
14/05/2006 13:00:00,16.10,61.38,839.00,725.45,221.00,324.03,4.45,78,101430  
14/05/2006 14:00:00,16.16,63.26,781.00,776.02,174.00,325.40,4.44,78,101424  
14/05/2006 15:00:00,16.03,66.25,480.00,230.98,324.00,324.48,4.11,82,101434  
14/05/2006 16:00:00,15.90,69.25,414.00,339.71,231.00,323.57,3.77,86,101444  
14/05/2006 17:00:00,15.77,72.24,196.00,76.02,167.00,322.65,3.43,90,101453  
14/05/2006 18:00:00,15.40,78.26,45.00,0.00,45.00,324.22,2.94,99,101493  
14/05/2006 19:00:00,15.02,84.27,3.00,0.00,3.00,325.78,2.44,109,101533  
14/05/2006 20:00:00,14.65,90.29,0.00,-0.00,0.00,327.35,1.94,118,101573  
14/05/2006 21:00:00,14.54,92.52,0.00,-0.00,0.00,331.52,1.52,59,101570  
14/05/2006 22:00:00,14.43,94.76,0.00,-0.00,0.00,335.68,1.09,0,101567  
14/05/2006 23:00:00,14.32,96.99,0.00,-0.00,0.00,339.85,0.66,302,101563  
15/05/2006 00:00:00,14.31,97.44,0.00,-0.00,0.00,339.10,0.87,280,101560  
15/05/2006 01:00:00,14.31,97.88,0.00,-0.00,0.00,338.35,1.08,258,101557  
15/05/2006 02:00:00,14.31,98.33,0.00,-0.00,0.00,337.60,1.28,236,101553  
15/05/2006 03:00:00,14.46,97.31,0.00,-0.00,0.00,345.22,1.28,245,101553  
15/05/2006 04:00:00,14.62,96.28,0.00,-0.00,0.00,352.83,1.28,253,101553  
15/05/2006 05:00:00,14.77,95.26,28.00,10.39,27.00,360.45,1.28,262,101553  
15/05/2006 06:00:00,15.14,90.92,19.00,0.00,19.00,363.32,1.06,279,101577  
15/05/2006 07:00:00,15.50,86.57,39.00,0.00,39.00,366.18,0.83,296,101600  
15/05/2006 08:00:00,15.86,82.23,50.00,0.00,50.00,369.05,0.61,314,101623  
15/05/2006 09:00:00,15.91,80.02,64.00,0.00,64.00,363.88,0.64,345,101637  
15/05/2006 10:00:00,15.95,77.82,308.00,6.19,303.00,358.72,0.67,17,101650  
15/05/2006 11:00:00,16.00,75.61,147.00,0.00,147.00,353.55,0.70,49,101663  
15/05/2006 12:00:00,16.11,73.02,336.00,5.67,331.00,348.05,1.92,63,101657  
15/05/2006 13:00:00,16.22,70.43,540.00,128.83,430.00,342.55,3.14,78,101650

15/05/2006 14:00:00,16.33,67.84,542.00,195.09,389.00,337.05,4.36,92,101643  
15/05/2006 15:00:00,16.14,70.00,331.00,39.85,304.00,333.57,4.12,97,101657  
15/05/2006 16:00:00,15.94,72.15,427.00,375.14,224.00,330.08,3.88,103,101670  
15/05/2006 17:00:00,15.75,74.31,242.00,182.22,172.00,326.60,3.64,108,101683  
15/05/2006 18:00:00,15.30,80.86,161.00,418.67,70.00,325.33,3.28,115,101740  
15/05/2006 19:00:00,14.84,87.41,17.00,57.56,14.00,324.07,2.92,122,101796  
15/05/2006 20:00:00,14.39,93.96,0.00,-0.00,0.00,322.80,2.57,129,101853  
15/05/2006 21:00:00,14.31,94.22,0.00,-0.00,0.00,323.03,2.34,169,101850  
15/05/2006 22:00:00,14.24,94.49,0.00,-0.00,0.00,323.27,2.12,208,101846  
15/05/2006 23:00:00,14.16,94.75,0.00,-0.00,0.00,323.50,1.90,247,101843  
16/05/2006 00:00:00,14.36,95.52,0.00,-0.00,0.00,328.93,2.42,256,101803  
16/05/2006 01:00:00,14.56,96.28,0.00,-0.00,0.00,334.37,2.93,265,101763  
16/05/2006 02:00:00,14.77,97.05,0.00,-0.00,0.00,339.80,3.45,274,101723  
16/05/2006 03:00:00,15.06,94.24,0.00,-0.00,0.00,342.62,3.91,277,101676  
16/05/2006 04:00:00,15.35,91.44,0.00,-0.00,0.00,345.43,4.37,280,101630  
16/05/2006 05:00:00,15.64,88.63,10.00,0.00,10.00,348.25,4.83,283,101583  
16/05/2006 06:00:00,16.26,83.82,81.00,3.76,80.00,354.45,4.94,288,101533  
16/05/2006 07:00:00,16.87,79.01,204.00,46.43,184.00,360.65,5.06,294,101483  
16/05/2006 08:00:00,17.49,74.20,221.00,8.58,216.00,366.85,5.17,299,101434  
16/05/2006 09:00:00,17.62,70.85,581.00,387.65,305.00,366.38,4.99,317,101377  
16/05/2006 10:00:00,17.76,67.49,381.00,28.43,358.00,365.92,4.81,335,101320  
16/05/2006 11:00:00,17.89,64.14,310.00,2.31,308.00,365.45,4.63,353,101264  
16/05/2006 12:00:00,17.85,65.95,890.00,778.72,202.00,363.25,4.87,14,101230  
16/05/2006 13:00:00,17.81,67.77,435.00,43.24,398.00,361.05,5.11,35,101197  
16/05/2006 14:00:00,17.76,69.58,464.00,97.93,387.00,358.85,5.35,55,101164  
16/05/2006 15:00:00,17.46,71.13,643.00,667.84,189.00,355.43,5.36,69,101174  
16/05/2006 16:00:00,17.15,72.67,506.00,675.23,139.00,352.02,5.36,83,101184  
16/05/2006 17:00:00,16.84,74.22,179.00,43.95,162.00,348.60,5.37,97,101194  
16/05/2006 18:00:00,16.46,77.10,58.00,0.00,58.00,350.95,4.88,96,101234  
16/05/2006 19:00:00,16.09,79.99,14.00,18.12,13.00,353.30,4.40,95,101274  
16/05/2006 20:00:00,15.71,82.87,0.00,-0.00,0.00,355.65,3.92,94,101314  
16/05/2006 21:00:00,15.57,84.11,0.00,-0.00,0.00,361.17,4.15,88,101327  
16/05/2006 22:00:00,15.44,85.35,0.00,-0.00,0.00,366.68,4.38,81,101340  
16/05/2006 23:00:00,15.30,86.59,0.00,-0.00,0.00,372.20,4.61,75,101354  
17/05/2006 00:00:00,15.32,85.83,0.00,-0.00,0.00,371.53,4.76,75,101357  
17/05/2006 01:00:00,15.34,85.06,0.00,-0.00,0.00,370.87,4.92,75,101360  
17/05/2006 02:00:00,15.36,84.30,0.00,-0.00,0.00,370.20,5.08,75,101364  
17/05/2006 03:00:00,15.33,83.81,0.00,-0.00,0.00,370.30,5.11,76,101394  
17/05/2006 04:00:00,15.31,83.32,0.00,-0.00,0.00,370.40,5.15,78,101424  
17/05/2006 05:00:00,15.28,82.83,5.00,0.00,5.00,370.50,5.19,80,101453  
17/05/2006 06:00:00,15.46,79.29,97.00,14.91,93.00,370.62,5.38,76,101470  
17/05/2006 07:00:00,15.64,75.75,127.00,0.00,127.00,370.73,5.57,72,101487  
17/05/2006 08:00:00,15.82,72.21,426.00,268.34,269.00,370.85,5.77,68,101503  
17/05/2006 09:00:00,15.86,69.70,504.00,221.30,346.00,362.60,6.43,68,101507  
17/05/2006 10:00:00,15.91,67.20,577.00,217.04,401.00,354.35,7.10,68,101510  
17/05/2006 11:00:00,15.95,64.69,424.00,33.36,395.00,346.10,7.77,68,101513  
17/05/2006 12:00:00,16.02,64.96,463.00,49.70,419.00,340.37,8.38,66,101513  
17/05/2006 13:00:00,16.09,65.24,607.50,400.80,263.75,334.63,8.99,64,101513  
17/05/2006 14:00:00,16.17,65.51,541.65,355.45,261.45,328.90,9.60,62,101513  
17/05/2006 15:00:00,16.07,67.28,487.60,376.86,230.60,325.85,9.51,62,101490

17/05/2006 16:00:00,15.98,69.05,414.00,324.25,237.00,322.80,9.42,61,101467  
17/05/2006 17:00:00,15.89,70.82,265.00,244.01,170.00,319.75,9.32,61,101444  
17/05/2006 18:00:00,15.44,73.04,133.00,188.34,91.00,320.37,9.02,63,101463  
17/05/2006 19:00:00,14.98,75.25,15.00,17.18,14.00,320.98,8.71,66,101483  
17/05/2006 20:00:00,14.53,77.47,0.00,-0.00,0.00,321.60,8.40,68,101503  
17/05/2006 21:00:00,14.36,78.39,0.00,-0.00,0.00,318.63,8.23,70,101510  
17/05/2006 22:00:00,14.18,79.32,0.00,-0.00,0.00,315.67,8.07,73,101517  
17/05/2006 23:00:00,14.01,80.24,0.00,-0.00,0.00,312.70,7.90,75,101523  
18/05/2006 00:00:00,13.98,80.35,0.00,-0.00,0.00,314.20,7.87,76,101530  
18/05/2006 01:00:00,13.95,80.45,0.00,-0.00,0.00,315.70,7.84,77,101537  
18/05/2006 02:00:00,13.92,80.56,0.00,-0.00,0.00,317.20,7.81,78,101543  
18/05/2006 03:00:00,13.74,81.07,0.00,-0.00,0.00,327.97,7.77,79,101550  
18/05/2006 04:00:00,13.56,81.57,0.00,-0.00,0.00,338.73,7.73,80,101557  
18/05/2006 05:00:00,13.38,82.08,26.00,9.56,25.00,349.50,7.70,82,101563  
18/05/2006 06:00:00,13.53,79.57,219.00,520.79,78.00,351.07,7.82,80,101587  
18/05/2006 07:00:00,13.67,77.05,179.00,20.67,170.00,352.63,7.94,78,101610  
18/05/2006 08:00:00,13.82,74.54,471.00,388.33,243.00,354.20,8.07,76,101633  
18/05/2006 09:00:00,13.68,74.36,427.00,107.56,350.00,354.38,8.23,73,101610  
18/05/2006 10:00:00,13.53,74.17,360.00,19.69,344.00,354.57,8.39,70,101587  
18/05/2006 11:00:00,13.39,73.99,493.00,75.76,427.00,354.75,8.55,68,101563  
18/05/2006 12:00:00,13.66,76.12,313.00,2.25,311.00,353.75,8.80,66,101523  
18/05/2006 13:00:00,13.93,78.25,798.00,588.73,292.00,352.75,9.04,64,101483  
18/05/2006 14:00:00,14.20,80.38,436.00,69.60,381.00,351.75,9.28,62,101444  
18/05/2006 15:00:00,14.46,82.78,338.00,42.39,309.00,352.63,8.99,58,101347  
18/05/2006 16:00:00,14.72,85.19,67.00,0.00,67.00,353.52,8.69,55,101250  
18/05/2006 17:00:00,14.98,87.59,57.00,0.00,57.00,354.40,8.40,52,101154  
18/05/2006 18:00:00,14.75,89.89,35.00,0.00,35.00,355.95,8.46,49,101074  
18/05/2006 19:00:00,14.51,92.20,5.00,0.00,5.00,357.50,8.53,46,100994  
18/05/2006 20:00:00,14.28,94.50,0.00,-0.00,0.00,359.05,8.59,43,100914  
18/05/2006 21:00:00,14.17,95.51,0.00,-0.00,0.00,362.78,9.51,44,100785  
18/05/2006 22:00:00,14.06,96.52,0.00,-0.00,0.00,366.52,10.43,45,100655  
18/05/2006 23:00:00,13.95,97.53,0.00,-0.00,0.00,370.25,11.35,47,100525  
19/05/2006 00:00:00,14.13,96.98,0.00,-0.00,0.00,370.23,11.69,49,100382  
19/05/2006 01:00:00,14.31,96.44,0.00,-0.00,0.00,370.22,12.02,51,100239  
19/05/2006 02:00:00,14.49,95.89,0.00,-0.00,0.00,370.20,12.36,53,100096  
19/05/2006 03:00:00,14.50,93.68,0.00,-0.00,0.00,373.60,12.51,59,100082  
19/05/2006 04:00:00,14.51,91.48,0.00,-0.00,0.00,377.00,12.65,65,100069  
19/05/2006 05:00:00,14.52,89.27,10.00,0.00,10.00,380.40,12.80,72,100056  
19/05/2006 06:00:00,14.53,85.22,93.00,10.98,90.00,376.45,12.21,74,100099  
19/05/2006 07:00:00,14.54,81.16,321.00,308.59,186.00,372.50,11.62,76,100142  
19/05/2006 08:00:00,14.55,77.11,348.00,112.03,282.00,368.55,11.03,78,100185  
19/05/2006 09:00:00,14.47,73.14,291.00,11.15,283.00,361.23,11.15,77,100229  
19/05/2006 10:00:00,14.38,69.16,533.00,153.48,408.00,353.92,11.26,76,100272  
19/05/2006 11:00:00,14.30,65.19,361.00,11.46,351.00,346.60,11.38,76,100315  
19/05/2006 12:00:00,14.59,62.25,662.00,254.29,436.00,338.83,11.19,77,100402  
19/05/2006 13:00:00,14.88,59.32,428.00,38.32,395.00,331.07,10.99,78,100488  
19/05/2006 14:00:00,15.18,56.38,503.00,136.34,395.00,323.30,10.80,80,100575  
19/05/2006 15:00:00,15.16,59.47,552.00,373.11,296.00,325.20,9.98,79,100575  
19/05/2006 16:00:00,15.14,62.55,232.00,19.98,221.00,327.10,9.16,78,100575  
19/05/2006 17:00:00,15.12,65.64,238.00,152.15,178.00,329.00,8.34,78,100575

19/05/2006 18:00:00,14.90,67.65,48.00,0.00,48.00,332.33,7.89,76,100615  
19/05/2006 19:00:00,14.67,69.66,5.00,0.00,5.00,335.67,7.43,75,100655  
19/05/2006 20:00:00,14.45,71.67,0.00,-0.00,0.00,339.00,6.98,74,100695  
19/05/2006 21:00:00,14.13,74.60,0.00,-0.00,0.00,346.68,6.73,69,100675  
19/05/2006 22:00:00,13.82,77.52,0.00,-0.00,0.00,354.37,6.47,65,100655  
19/05/2006 23:00:00,13.50,80.45,0.00,-0.00,0.00,362.05,6.22,60,100635  
20/05/2006 00:00:00,13.79,85.57,0.00,-0.00,0.00,364.63,6.11,51,100588  
20/05/2006 01:00:00,14.08,90.70,0.00,-0.00,0.00,367.22,6.00,43,100542  
20/05/2006 02:00:00,14.38,95.82,0.00,-0.00,0.00,369.80,5.89,34,100495  
20/05/2006 03:00:00,14.74,96.09,0.00,-0.00,0.00,368.43,5.86,24,100465  
20/05/2006 04:00:00,15.10,96.36,0.00,-0.00,0.00,367.07,5.83,14,100435  
20/05/2006 05:00:00,15.46,96.63,29.00,9.11,28.00,365.70,5.81,4,100405  
20/05/2006 06:00:00,15.86,91.47,30.00,0.00,30.00,357.70,6.64,360,100342  
20/05/2006 07:00:00,16.25,86.32,218.00,59.15,192.00,349.70,7.47,356,100279  
20/05/2006 08:00:00,16.64,81.16,340.00,99.83,281.00,341.70,8.30,352,100215  
20/05/2006 09:00:00,16.72,76.48,596.00,408.65,302.00,338.53,9.02,4,100152  
20/05/2006 10:00:00,16.80,71.80,289.00,2.45,287.00,335.37,9.73,16,100089  
20/05/2006 11:00:00,16.88,67.12,109.00,0.00,109.00,332.20,10.44,29,100026  
20/05/2006 12:00:00,16.89,67.39,501.00,73.00,436.00,329.93,9.98,36,99999  
20/05/2006 13:00:00,16.89,67.65,173.00,0.00,173.00,327.67,9.52,43,99972  
20/05/2006 14:00:00,16.90,67.92,200.00,0.00,200.00,325.40,9.06,50,99946  
20/05/2006 15:00:00,16.57,68.26,86.00,0.00,86.00,326.02,8.39,53,99913  
20/05/2006 16:00:00,16.25,68.60,141.00,0.00,141.00,326.63,7.72,56,99879  
20/05/2006 17:00:00,15.93,68.94,242.00,156.26,180.00,327.25,7.05,60,99846  
20/05/2006 18:00:00,15.48,70.47,111.00,77.88,93.00,326.80,6.93,58,99843  
20/05/2006 19:00:00,15.02,72.00,17.00,14.93,16.00,326.35,6.81,57,99839  
20/05/2006 20:00:00,14.57,73.53,0.00,-0.00,0.00,325.90,6.69,55,99836  
20/05/2006 21:00:00,14.55,73.10,0.00,-0.00,0.00,321.87,7.38,52,99793  
20/05/2006 22:00:00,14.53,72.66,0.00,-0.00,0.00,317.83,8.08,49,99749  
20/05/2006 23:00:00,14.51,72.23,0.00,-0.00,0.00,313.80,8.77,46,99706  
21/05/2006 00:00:00,14.33,73.16,0.00,-0.00,0.00,310.48,9.55,46,99666  
21/05/2006 01:00:00,14.15,74.10,0.00,-0.00,0.00,307.17,10.33,46,99626  
21/05/2006 02:00:00,13.98,75.03,0.00,-0.00,0.00,303.85,11.10,46,99586  
21/05/2006 03:00:00,13.79,78.82,0.00,-0.00,0.00,306.48,11.66,48,99590  
21/05/2006 04:00:00,13.61,82.62,0.00,-0.00,0.00,309.12,12.23,49,99593  
21/05/2006 05:00:00,13.42,86.41,19.00,0.00,19.00,311.75,12.79,51,99596  
21/05/2006 06:00:00,13.48,84.77,113.00,28.82,105.00,313.62,12.51,53,99683  
21/05/2006 07:00:00,13.54,83.14,254.00,115.51,203.00,315.48,12.24,54,99769  
21/05/2006 08:00:00,13.60,81.50,191.00,1.69,190.00,317.35,11.97,56,99856  
21/05/2006 09:00:00,13.42,80.07,637.00,517.26,264.00,327.32,11.73,58,99942  
21/05/2006 10:00:00,13.24,78.63,536.00,154.09,410.00,337.28,11.49,59,100029  
21/05/2006 11:00:00,13.06,77.20,615.00,202.06,438.00,347.25,11.24,61,100116  
21/05/2006 12:00:00,13.19,74.99,735.00,377.81,398.00,337.13,11.39,65,100259  
21/05/2006 13:00:00,13.32,72.77,581.00,168.86,435.00,327.02,11.54,68,100402  
21/05/2006 14:00:00,13.45,70.56,585.00,252.58,384.00,316.90,11.70,71,100545  
21/05/2006 15:00:00,13.28,71.44,371.00,66.66,325.00,312.50,11.03,74,100631  
21/05/2006 16:00:00,13.10,72.31,413.00,300.99,246.00,308.10,10.36,76,100718  
21/05/2006 17:00:00,12.92,73.19,291.00,310.64,167.00,303.70,9.70,78,100804  
21/05/2006 18:00:00,12.48,75.36,154.00,269.53,91.00,302.92,8.63,79,100904  
21/05/2006 19:00:00,12.03,77.53,25.00,57.31,21.00,302.13,7.55,80,101004

21/05/2006 20:00:00,11.59,79.70,0.00,-0.00,0.00,301.35,6.48,81,101104  
21/05/2006 21:00:00,11.42,80.21,0.00,-0.00,0.00,303.03,5.99,82,101177  
21/05/2006 22:00:00,11.24,80.73,0.00,-0.00,0.00,304.72,5.50,84,101250  
21/05/2006 23:00:00,11.07,81.24,0.00,-0.00,0.00,306.40,5.01,85,101324  
22/05/2006 00:00:00,11.16,81.53,0.00,-0.00,0.00,304.27,4.46,86,101414  
22/05/2006 01:00:00,11.25,81.82,0.00,-0.00,0.00,302.13,3.92,87,101503  
22/05/2006 02:00:00,11.34,82.11,0.00,-0.00,0.00,300.00,3.38,88,101593  
22/05/2006 03:00:00,11.29,81.91,0.00,-0.00,0.00,297.42,3.36,92,101633  
22/05/2006 04:00:00,11.25,81.71,0.00,-0.00,0.00,294.83,3.33,95,101673  
22/05/2006 05:00:00,11.20,81.51,61.00,174.76,41.00,292.25,3.31,99,101713  
22/05/2006 06:00:00,11.51,74.09,158.00,135.88,120.00,292.72,3.62,99,101776  
22/05/2006 07:00:00,11.82,66.66,405.00,665.29,110.00,293.18,3.93,99,101840  
22/05/2006 08:00:00,12.13,59.24,468.00,361.63,253.00,293.65,4.23,99,101903  
22/05/2006 09:00:00,12.22,56.10,670.00,615.74,225.00,294.23,4.52,98,101933  
22/05/2006 10:00:00,12.31,52.97,624.00,286.86,389.00,294.82,4.81,97,101963  
22/05/2006 11:00:00,12.40,49.83,716.00,366.96,394.00,295.40,5.10,96,101993  
22/05/2006 12:00:00,12.60,50.07,624.00,196.98,448.00,292.73,5.26,98,102036  
22/05/2006 13:00:00,12.79,50.30,873.00,787.30,191.00,290.07,5.43,100,102079  
22/05/2006 14:00:00,12.98,50.54,819.00,857.65,135.00,287.40,5.59,102,102122  
22/05/2006 15:00:00,13.00,51.84,701.00,845.33,116.00,286.22,5.51,102,102126  
22/05/2006 16:00:00,13.02,53.15,506.00,615.83,163.00,285.03,5.43,103,102129  
22/05/2006 17:00:00,13.03,54.45,356.00,622.62,106.00,283.85,5.35,104,102132  
22/05/2006 18:00:00,12.77,58.28,189.00,524.75,65.00,283.37,4.55,100,102176  
22/05/2006 19:00:00,12.50,62.11,33.00,137.83,23.00,282.88,3.75,96,102219  
22/05/2006 20:00:00,12.24,65.94,0.00,-0.00,0.00,282.40,2.95,93,102262  
22/05/2006 21:00:00,12.22,69.43,0.00,-0.00,0.00,281.78,3.07,88,102276  
22/05/2006 22:00:00,12.21,72.93,0.00,-0.00,0.00,281.17,3.18,83,102289  
22/05/2006 23:00:00,12.19,76.42,0.00,-0.00,0.00,280.55,3.30,78,102302  
23/05/2006 00:00:00,12.11,77.40,0.00,-0.00,0.00,281.58,3.34,73,102309  
23/05/2006 01:00:00,12.03,78.37,0.00,-0.00,0.00,282.62,3.39,67,102315  
23/05/2006 02:00:00,11.95,79.35,0.00,-0.00,0.00,283.65,3.43,62,102322  
23/05/2006 03:00:00,12.15,77.52,0.00,-0.00,0.00,291.90,3.63,58,102306  
23/05/2006 04:00:00,12.36,75.69,0.00,-0.00,0.00,300.15,3.82,54,102289  
23/05/2006 05:00:00,12.56,73.86,70.00,265.77,39.00,308.40,4.01,50,102272  
23/05/2006 06:00:00,12.90,68.77,105.00,17.75,100.00,309.72,4.90,56,102302  
23/05/2006 07:00:00,13.24,63.68,391.00,583.99,131.00,311.03,5.79,62,102332  
23/05/2006 08:00:00,13.58,58.59,115.00,0.00,115.00,312.35,6.68,68,102362  
23/05/2006 09:00:00,13.53,58.86,476.00,164.31,357.00,317.90,6.80,70,102372  
23/05/2006 10:00:00,13.49,59.12,574.00,204.71,406.00,323.45,6.93,72,102382  
23/05/2006 11:00:00,13.44,59.39,399.00,21.62,380.00,329.00,7.06,74,102392  
23/05/2006 12:00:00,13.54,61.87,712.00,330.73,416.00,325.38,7.05,74,102379  
23/05/2006 13:00:00,13.63,64.34,736.00,425.21,367.00,321.77,7.03,73,102365  
23/05/2006 14:00:00,13.73,66.82,678.00,434.16,331.00,318.15,7.02,73,102352  
23/05/2006 15:00:00,13.63,68.48,524.00,293.98,320.00,313.40,6.58,72,102322  
23/05/2006 16:00:00,13.53,70.14,388.00,227.17,261.00,308.65,6.14,72,102292  
23/05/2006 17:00:00,13.44,71.80,281.00,260.01,176.00,303.90,5.70,71,102262  
23/05/2006 18:00:00,13.12,73.98,117.00,79.56,98.00,300.40,5.16,66,102262  
23/05/2006 19:00:00,12.81,76.17,27.00,53.15,23.00,296.90,4.63,60,102262  
23/05/2006 20:00:00,12.49,78.35,0.00,-0.00,0.00,293.40,4.10,54,102262  
23/05/2006 21:00:00,12.53,78.21,0.00,-0.00,0.00,294.00,4.57,50,102219

23/05/2006 22:00:00,12.58,78.07,0.00,-0.00,0.00,294.60,5.03,46,102176  
23/05/2006 23:00:00,12.62,77.93,0.00,-0.00,0.00,295.20,5.50,42,102132  
24/05/2006 00:00:00,12.74,82.16,0.00,-0.00,0.00,297.90,6.22,46,102079  
24/05/2006 01:00:00,12.86,86.40,0.00,-0.00,0.00,300.60,6.94,49,102026  
24/05/2006 02:00:00,12.99,90.63,0.00,-0.00,0.00,303.30,7.66,53,101973  
24/05/2006 03:00:00,13.21,93.06,0.00,-0.00,0.00,312.72,7.84,55,101986  
24/05/2006 04:00:00,13.43,95.48,0.00,-0.00,0.00,322.13,8.02,58,101999  
24/05/2006 05:00:00,13.65,97.91,8.00,0.00,8.00,331.55,8.21,60,102013  
24/05/2006 06:00:00,13.88,96.28,21.00,0.00,21.00,341.68,8.31,64,102053  
24/05/2006 07:00:00,14.11,94.65,64.00,0.00,64.00,351.82,8.41,69,102093  
24/05/2006 08:00:00,14.34,93.02,103.00,0.00,103.00,361.95,8.51,73,102132  
24/05/2006 09:00:00,14.29,88.60,318.00,20.67,303.00,363.55,8.40,74,102149  
24/05/2006 10:00:00,14.23,84.17,158.00,0.00,158.00,365.15,8.30,76,102166  
24/05/2006 11:00:00,14.18,79.75,201.00,0.00,201.00,366.75,8.19,77,102182  
24/05/2006 12:00:00,14.23,78.56,403.00,20.08,385.00,362.27,8.04,79,102216  
24/05/2006 13:00:00,14.28,77.36,152.00,0.00,152.00,357.78,7.89,80,102249  
24/05/2006 14:00:00,14.34,76.17,215.00,0.00,215.00,353.30,7.74,81,102282  
24/05/2006 15:00:00,14.28,77.83,378.00,70.43,329.00,349.20,7.41,82,102286  
24/05/2006 16:00:00,14.23,79.50,156.00,0.00,156.00,345.10,7.09,83,102289  
24/05/2006 17:00:00,14.18,81.16,42.00,0.00,42.00,341.00,6.76,84,102292  
24/05/2006 18:00:00,13.90,84.68,19.00,0.00,19.00,341.92,6.01,84,102342  
24/05/2006 19:00:00,13.63,88.19,14.00,0.00,14.00,342.83,5.26,84,102392  
24/05/2006 20:00:00,13.35,91.71,0.00,-0.00,0.00,343.75,4.51,84,102442  
24/05/2006 21:00:00,13.31,93.12,0.00,-0.00,0.00,348.28,4.23,83,102449  
24/05/2006 22:00:00,13.27,94.53,0.00,-0.00,0.00,352.82,3.95,81,102455  
24/05/2006 23:00:00,13.23,95.94,0.00,-0.00,0.00,357.35,3.67,80,102462  
25/05/2006 00:00:00,13.31,95.24,0.00,-0.00,0.00,365.48,3.93,77,102455  
25/05/2006 01:00:00,13.40,94.53,0.00,-0.00,0.00,373.62,4.18,75,102449  
25/05/2006 02:00:00,13.49,93.83,0.00,-0.00,0.00,381.75,4.44,72,102442  
25/05/2006 03:00:00,13.60,93.34,0.00,-0.00,0.00,382.15,4.65,71,102455  
25/05/2006 04:00:00,13.70,92.86,0.00,-0.00,0.00,382.55,4.86,70,102469  
25/05/2006 05:00:00,13.81,92.37,54.00,82.82,44.00,382.95,5.08,69,102482  
25/05/2006 06:00:00,14.02,88.25,78.00,0.00,78.00,378.53,5.43,72,102522  
25/05/2006 07:00:00,14.23,84.14,117.00,0.00,117.00,374.12,5.78,76,102562  
25/05/2006 08:00:00,14.44,80.02,156.00,0.00,156.00,369.70,6.14,79,102602  
25/05/2006 09:00:00,14.37,77.09,208.00,0.00,208.00,372.38,6.17,81,102608  
25/05/2006 10:00:00,14.29,74.16,145.00,0.00,145.00,375.07,6.20,83,102615  
25/05/2006 11:00:00,14.22,71.23,211.00,0.00,211.00,377.75,6.23,85,102622  
25/05/2006 12:00:00,14.35,71.56,363.00,8.91,355.00,376.38,5.95,86,102605  
25/05/2006 13:00:00,14.47,71.89,252.00,0.00,252.00,375.02,5.66,87,102588  
25/05/2006 14:00:00,14.60,72.22,198.00,0.00,198.00,373.65,5.38,88,102572  
25/05/2006 15:00:00,14.34,74.67,527.00,293.88,322.00,369.80,5.19,89,102548  
25/05/2006 16:00:00,14.09,77.12,326.00,106.55,266.00,365.95,5.00,89,102525  
25/05/2006 17:00:00,13.83,79.57,108.00,0.00,108.00,362.10,4.81,90,102502  
25/05/2006 18:00:00,13.41,82.45,108.00,53.35,95.00,364.75,4.66,94,102562  
25/05/2006 19:00:00,12.98,85.32,21.00,12.42,20.00,367.40,4.50,99,102622  
25/05/2006 20:00:00,12.56,88.20,0.00,-0.00,0.00,370.05,4.34,103,102682  
25/05/2006 21:00:00,12.58,88.37,0.00,-0.00,0.00,370.67,4.13,104,102692  
25/05/2006 22:00:00,12.60,88.54,0.00,-0.00,0.00,371.28,3.91,104,102702  
25/05/2006 23:00:00,12.62,88.71,0.00,-0.00,0.00,371.90,3.70,104,102712

26/05/2006 00:00:00,12.60,89.84,0.00,-0.00,0.00,372.55,3.63,102,102702  
26/05/2006 01:00:00,12.58,90.98,0.00,-0.00,0.00,373.20,3.57,99,102692  
26/05/2006 02:00:00,12.56,92.11,0.00,-0.00,0.00,373.85,3.50,96,102682  
26/05/2006 03:00:00,12.65,91.24,0.00,-0.00,0.00,375.02,3.48,98,102702  
26/05/2006 04:00:00,12.73,90.37,0.00,-0.00,0.00,376.18,3.45,99,102722  
26/05/2006 05:00:00,12.82,89.50,53.00,73.38,44.00,377.35,3.42,100,102742  
26/05/2006 06:00:00,13.03,87.05,104.00,13.93,100.00,377.75,3.28,96,102745  
26/05/2006 07:00:00,13.23,84.61,247.00,93.32,205.00,378.15,3.14,92,102748  
26/05/2006 08:00:00,13.43,82.16,295.00,44.96,268.00,378.55,3.01,87,102751  
26/05/2006 09:00:00,13.42,78.60,339.00,30.21,317.00,377.07,3.33,87,102732  
26/05/2006 10:00:00,13.41,75.03,305.00,4.85,301.00,375.58,3.66,87,102712  
26/05/2006 11:00:00,13.40,71.47,490.00,69.10,429.00,374.10,3.99,87,102692  
26/05/2006 12:00:00,13.61,70.84,669.00,254.70,440.00,370.87,4.08,91,102645  
26/05/2006 13:00:00,13.82,70.21,899.00,850.70,157.00,367.63,4.18,94,102598  
26/05/2006 14:00:00,14.03,69.58,817.00,827.03,152.00,364.40,4.28,98,102552  
26/05/2006 15:00:00,13.93,70.96,517.00,270.27,328.00,357.20,4.25,101,102519  
26/05/2006 16:00:00,13.82,72.34,195.00,3.54,193.00,350.00,4.23,104,102485  
26/05/2006 17:00:00,13.72,73.72,172.00,24.36,162.00,342.80,4.21,106,102452  
26/05/2006 18:00:00,13.40,77.22,82.00,12.19,79.00,339.50,3.83,109,102472  
26/05/2006 19:00:00,13.09,80.73,21.00,12.05,20.00,336.20,3.45,112,102492  
26/05/2006 20:00:00,12.77,84.23,0.00,-0.00,0.00,332.90,3.08,115,102512  
26/05/2006 21:00:00,12.76,85.74,0.00,-0.00,0.00,332.62,2.97,118,102512  
26/05/2006 22:00:00,12.76,87.24,0.00,-0.00,0.00,332.33,2.86,121,102512  
26/05/2006 23:00:00,12.75,88.75,0.00,-0.00,0.00,332.05,2.74,123,102512  
27/05/2006 00:00:00,12.93,89.17,0.00,-0.00,0.00,337.17,2.91,123,102485  
27/05/2006 01:00:00,13.11,89.58,0.00,-0.00,0.00,342.28,3.08,123,102459  
27/05/2006 02:00:00,13.29,90.00,0.00,-0.00,0.00,347.40,3.24,122,102432  
27/05/2006 03:00:00,13.38,89.18,0.00,-0.00,0.00,357.67,3.42,127,102439  
27/05/2006 04:00:00,13.47,88.36,0.00,-0.00,0.00,367.93,3.60,131,102445  
27/05/2006 05:00:00,13.56,87.54,67.00,176.77,45.00,378.20,3.78,135,102452  
27/05/2006 06:00:00,13.86,84.48,50.00,0.00,50.00,380.00,3.74,136,102445  
27/05/2006 07:00:00,14.15,81.43,117.00,0.00,117.00,381.80,3.71,136,102439  
27/05/2006 08:00:00,14.44,78.37,176.00,0.00,176.00,383.60,3.67,137,102432  
27/05/2006 09:00:00,14.51,75.47,144.00,0.00,144.00,381.28,3.64,130,102399  
27/05/2006 10:00:00,14.58,72.58,154.00,0.00,154.00,378.97,3.60,124,102365  
27/05/2006 11:00:00,14.65,69.68,232.00,0.00,232.00,376.65,3.57,117,102332  
27/05/2006 12:00:00,14.83,68.94,170.00,0.00,170.00,368.98,4.06,116,102299  
27/05/2006 13:00:00,15.00,68.19,133.00,0.00,133.00,361.32,4.56,115,102266  
27/05/2006 14:00:00,15.18,67.45,117.00,0.00,117.00,353.65,5.05,114,102232  
27/05/2006 15:00:00,15.09,68.57,207.00,0.00,207.00,346.27,4.98,117,102189  
27/05/2006 16:00:00,15.00,69.68,373.00,183.44,269.00,338.88,4.92,120,102146  
27/05/2006 17:00:00,14.91,70.80,268.00,198.76,186.00,331.50,4.86,123,102102  
27/05/2006 18:00:00,14.53,73.67,142.00,153.02,104.00,329.02,4.36,124,102089  
27/05/2006 19:00:00,14.15,76.55,28.00,35.09,25.00,326.53,3.87,125,102076  
27/05/2006 20:00:00,13.77,79.42,0.00,-0.00,0.00,324.05,3.38,126,102063  
27/05/2006 21:00:00,13.57,81.70,0.00,-0.00,0.00,324.02,3.40,129,102036  
27/05/2006 22:00:00,13.38,83.98,0.00,-0.00,0.00,323.98,3.43,132,102009  
27/05/2006 23:00:00,13.18,86.26,0.00,-0.00,0.00,323.95,3.45,136,101983  
28/05/2006 00:00:00,13.23,88.42,0.00,-0.00,0.00,339.90,3.55,135,101916  
28/05/2006 01:00:00,13.28,90.57,0.00,-0.00,0.00,355.85,3.66,134,101850

28/05/2006 02:00:00,13.33,92.73,0.00,-0.00,0.00,371.80,3.77,133,101783  
28/05/2006 03:00:00,13.31,92.10,0.00,-0.00,0.00,372.87,3.90,136,101780  
28/05/2006 04:00:00,13.30,91.48,0.00,-0.00,0.00,373.93,4.03,139,101776  
28/05/2006 05:00:00,13.28,90.85,20.00,0.00,20.00,375.00,4.17,143,101773  
28/05/2006 06:00:00,13.33,84.80,47.00,0.00,47.00,375.32,4.14,144,101773  
28/05/2006 07:00:00,13.38,78.74,154.00,4.42,152.00,375.63,4.12,145,101773  
28/05/2006 08:00:00,13.43,72.69,566.00,676.49,158.00,375.95,4.10,146,101773  
28/05/2006 09:00:00,13.51,67.43,340.00,30.11,318.00,371.58,4.71,144,101756  
28/05/2006 10:00:00,13.59,62.18,542.00,154.80,414.00,367.22,5.32,142,101740  
28/05/2006 11:00:00,13.67,56.92,652.00,245.15,435.00,362.85,5.93,140,101723  
28/05/2006 12:00:00,14.00,55.10,578.00,136.43,455.00,351.00,6.16,141,101723  
28/05/2006 13:00:00,14.33,53.27,678.00,301.75,414.00,339.15,6.38,142,101723  
28/05/2006 14:00:00,14.65,51.45,712.00,501.81,307.00,327.30,6.61,143,101723  
28/05/2006 15:00:00,14.60,52.45,489.00,212.05,340.00,317.93,6.69,145,101723  
28/05/2006 16:00:00,14.55,53.44,300.00,68.56,261.00,308.57,6.78,148,101723  
28/05/2006 17:00:00,14.50,54.44,327.00,410.03,157.00,299.20,6.87,150,101723  
28/05/2006 18:00:00,13.88,58.91,202.00,534.78,68.00,298.55,6.31,152,101766  
28/05/2006 19:00:00,13.25,63.37,49.00,250.31,27.00,297.90,5.76,155,101810  
28/05/2006 20:00:00,12.63,67.84,0.00,-0.00,0.00,297.25,5.20,158,101853  
28/05/2006 21:00:00,12.29,71.56,0.00,-0.00,0.00,296.75,4.96,159,101866  
28/05/2006 22:00:00,11.95,75.29,0.00,-0.00,0.00,296.25,4.72,161,101879  
28/05/2006 23:00:00,11.61,79.01,0.00,-0.00,0.00,295.75,4.48,162,101893  
29/05/2006 00:00:00,11.40,81.30,0.00,-0.00,0.00,297.27,4.18,166,101903  
29/05/2006 01:00:00,11.19,83.59,0.00,-0.00,0.00,298.78,3.89,170,101913  
29/05/2006 02:00:00,10.98,85.88,0.00,-0.00,0.00,300.30,3.59,174,101923  
29/05/2006 03:00:00,11.02,85.23,0.00,-0.00,0.00,298.37,3.95,178,101953  
29/05/2006 04:00:00,11.06,84.57,0.00,-0.00,0.00,296.43,4.31,182,101983  
29/05/2006 05:00:00,11.09,83.92,85.00,367.88,38.00,294.50,4.68,186,102013  
29/05/2006 06:00:00,11.49,75.00,242.00,552.11,81.00,293.00,4.84,190,102019  
29/05/2006 07:00:00,11.89,66.07,420.00,698.03,103.00,291.50,5.01,193,102026  
29/05/2006 08:00:00,12.29,57.15,590.00,772.84,123.00,290.00,5.17,197,102033  
29/05/2006 09:00:00,12.64,53.44,755.00,893.74,101.00,290.05,5.17,193,102023  
29/05/2006 10:00:00,12.98,49.72,832.00,788.71,179.00,290.10,5.16,189,102013  
29/05/2006 11:00:00,13.33,46.01,587.00,157.97,447.00,290.15,5.16,185,102003  
29/05/2006 12:00:00,13.69,45.98,446.00,36.56,413.00,295.20,5.25,183,101996  
29/05/2006 13:00:00,14.04,45.94,823.00,616.31,283.00,300.25,5.34,181,101989  
29/05/2006 14:00:00,14.40,45.91,763.00,639.45,246.00,305.30,5.43,179,101983  
29/05/2006 15:00:00,14.47,47.22,486.00,205.88,341.00,300.23,5.41,176,101959  
29/05/2006 16:00:00,14.54,48.54,391.00,215.56,268.00,295.17,5.39,174,101936  
29/05/2006 17:00:00,14.61,49.85,234.00,108.02,189.00,290.10,5.37,172,101913  
29/05/2006 18:00:00,14.02,54.79,174.00,304.64,97.00,289.72,5.06,171,101943  
29/05/2006 19:00:00,13.43,59.73,49.00,221.66,29.00,289.33,4.75,170,101973  
29/05/2006 20:00:00,12.84,64.67,0.00,-0.00,0.00,288.95,4.44,169,102003  
29/05/2006 21:00:00,12.41,67.69,0.00,-0.00,0.00,292.62,4.48,172,102026  
29/05/2006 22:00:00,11.97,70.72,0.00,-0.00,0.00,296.28,4.52,176,102049  
29/05/2006 23:00:00,11.54,73.74,0.00,-0.00,0.00,299.95,4.57,179,102073  
30/05/2006 00:00:00,11.23,77.37,0.00,-0.00,0.00,297.28,4.08,186,102096  
30/05/2006 01:00:00,10.91,80.99,0.00,-0.00,0.00,294.62,3.59,193,102119  
30/05/2006 02:00:00,10.60,84.62,0.00,-0.00,0.00,291.95,3.10,199,102142  
30/05/2006 03:00:00,10.65,82.98,0.00,-0.00,0.00,289.08,3.47,200,102189



30/05/2006 04:00:00,10.69,81.35,0.00,-0.00,0.00,286.22,3.84,200,102236  
30/05/2006 05:00:00,10.74,79.71,87.00,371.33,39.00,283.35,4.21,200,102282  
30/05/2006 06:00:00,11.23,71.06,242.00,542.78,83.00,282.87,4.48,201,102306  
30/05/2006 07:00:00,11.71,62.41,419.00,685.24,107.00,282.38,4.75,202,102329  
30/05/2006 08:00:00,12.20,53.76,591.00,773.13,123.00,281.90,5.02,203,102352  
30/05/2006 09:00:00,12.55,50.54,729.00,784.71,154.00,283.30,5.09,200,102349  
30/05/2006 10:00:00,12.90,47.33,678.00,377.60,365.00,284.70,5.17,197,102345  
30/05/2006 11:00:00,13.25,44.11,537.00,105.95,443.00,286.10,5.24,194,102342  
30/05/2006 12:00:00,13.61,44.35,683.00,271.08,438.00,286.00,5.43,197,102359  
30/05/2006 13:00:00,13.96,44.60,515.00,92.32,434.00,285.90,5.61,199,102375  
30/05/2006 14:00:00,14.31,44.84,411.00,45.69,374.00,285.80,5.79,202,102392  
30/05/2006 15:00:00,14.47,45.78,261.00,5.67,257.00,288.00,5.66,203,102389  
30/05/2006 16:00:00,14.63,46.71,359.00,150.25,273.00,290.20,5.54,204,102385  
30/05/2006 17:00:00,14.79,47.65,351.00,511.29,137.00,292.40,5.41,206,102382  
30/05/2006 18:00:00,14.30,52.49,202.00,498.28,75.00,290.18,4.87,206,102442  
30/05/2006 19:00:00,13.80,57.33,51.00,237.84,29.00,287.97,4.33,206,102502  
30/05/2006 20:00:00,13.31,62.17,0.00,-0.00,0.00,285.75,3.79,206,102562  
30/05/2006 21:00:00,12.85,65.42,0.00,-0.00,0.00,289.40,3.82,208,102605  
30/05/2006 22:00:00,12.38,68.66,0.00,-0.00,0.00,293.05,3.84,211,102648  
30/05/2006 23:00:00,11.92,71.91,0.00,-0.00,0.00,296.70,3.86,213,102692  
31/05/2006 00:00:00,11.60,75.20,0.00,-0.00,0.00,293.78,3.69,218,102718  
31/05/2006 01:00:00,11.28,78.50,0.00,-0.00,0.00,290.87,3.51,222,102745  
31/05/2006 02:00:00,10.96,81.79,0.00,-0.00,0.00,287.95,3.34,227,102771  
31/05/2006 03:00:00,10.87,81.74,0.00,-0.00,0.00,284.70,3.50,228,102788  
31/05/2006 04:00:00,10.78,81.70,0.00,-0.00,0.00,281.45,3.67,229,102805  
31/05/2006 05:00:00,10.68,81.65,84.00,313.77,43.00,278.20,3.83,230,102821  
31/05/2006 06:00:00,11.16,72.72,237.00,503.11,89.00,276.80,3.82,228,102841  
31/05/2006 07:00:00,11.63,63.80,406.00,620.06,123.00,275.40,3.80,226,102861  
31/05/2006 08:00:00,12.10,54.87,578.00,727.34,137.00,274.00,3.78,224,102881  
31/05/2006 09:00:00,12.55,52.89,729.00,798.71,143.00,275.03,3.73,217,102871  
31/05/2006 10:00:00,13.00,50.91,811.00,730.27,205.00,276.07,3.69,209,102861  
31/05/2006 11:00:00,13.44,48.93,903.00,824.13,171.00,277.10,3.64,201,102851  
31/05/2006 12:00:00,13.94,48.09,907.00,782.46,199.00,278.03,3.85,195,102811  
31/05/2006 13:00:00,14.43,47.26,881.00,789.92,187.00,278.97,4.06,188,102771  
31/05/2006 14:00:00,14.92,46.42,802.00,767.98,179.00,279.90,4.26,181,102732  
31/05/2006 15:00:00,15.18,47.36,660.00,647.48,202.00,282.13,4.40,179,102702  
31/05/2006 16:00:00,15.37,52.26,481.00,472.07,210.00,290.66,4.34,177,102672  
31/05/2006 17:00:00,15.18,54.44,325.00,392.44,160.00,291.51,4.29,176,102642  
31/05/2006 18:00:00,14.98,56.63,145.00,144.00,108.00,292.36,4.24,174,102675  
31/05/2006 19:00:00,14.78,58.81,30.00,21.12,28.00,293.21,4.19,172,102708  
31/05/2006 20:00:00,14.58,60.99,0.00,-0.00,0.00,294.06,4.14,171,102742  
31/05/2006 21:00:00,14.39,63.18,0.00,-0.00,0.00,294.92,4.09,176,102771  
31/05/2006 22:00:00,14.19,65.36,0.00,-0.00,0.00,295.77,4.04,182,102801  
31/05/2006 23:00:00,13.99,67.55,0.00,-0.00,0.00,296.62,3.99,188,102831  
01/06/2006 00:00:00,13.80,69.73,0.00,-0.00,0.00,297.47,3.94,193,102811  
01/06/2006 01:00:00,13.60,71.92,0.00,-0.00,0.00,298.32,3.89,198,102791  
01/06/2006 02:00:00,13.40,74.10,0.00,-0.00,0.00,299.17,3.84,203,102771  
01/06/2006 03:00:00,13.20,76.28,0.00,-0.00,0.00,300.02,3.79,207,102775  
01/06/2006 04:00:00,13.01,78.47,0.00,-0.00,0.00,300.87,3.74,211,102778  
01/06/2006 05:00:00,12.81,80.65,47.00,30.31,43.00,301.72,3.69,214,102781

01/06/2006 06:00:00,12.61,82.84,165.00,128.68,127.00,302.57,3.64,216,102801  
01/06/2006 07:00:00,12.41,85.02,246.00,87.45,206.00,303.42,3.59,217,102821  
01/06/2006 08:00:00,14.10,70.89,582.00,742.72,131.00,299.90,4.59,219,102841  
01/06/2006 09:00:00,14.51,66.91,722.00,769.19,157.00,302.07,4.66,215,102835  
01/06/2006 10:00:00,14.90,62.94,747.00,545.33,294.00,304.23,4.72,212,102828  
01/06/2006 11:00:00,15.31,58.96,558.00,128.22,444.00,306.40,4.79,208,102821  
01/06/2006 12:00:00,15.71,57.22,373.00,11.04,363.00,306.03,4.78,210,102788  
01/06/2006 13:00:00,16.11,55.48,287.00,1.14,286.00,305.67,4.77,212,102755  
01/06/2006 14:00:00,16.51,53.74,355.00,18.46,340.00,305.30,4.76,214,102722  
01/06/2006 15:00:00,16.48,54.50,378.00,66.31,331.00,306.10,4.42,214,102712  
01/06/2006 16:00:00,16.44,55.26,441.00,338.70,246.00,306.90,4.09,213,102702  
01/06/2006 17:00:00,16.41,56.02,268.00,182.34,191.00,307.70,3.75,213,102692  
01/06/2006 18:00:00,16.10,62.15,116.00,54.07,102.00,307.80,3.40,218,102728  
01/06/2006 19:00:00,15.78,68.27,41.00,82.61,33.00,307.90,3.05,224,102765  
01/06/2006 20:00:00,15.47,74.40,0.00,-0.00,0.00,308.00,2.70,229,102801  
01/06/2006 21:00:00,15.12,76.99,0.00,-0.00,0.00,307.15,2.82,235,102828  
01/06/2006 22:00:00,14.76,79.57,0.00,-0.00,0.00,306.30,2.93,241,102855  
01/06/2006 23:00:00,14.41,82.16,0.00,-0.00,0.00,305.45,3.05,246,102881  
02/06/2006 00:00:00,14.08,84.58,0.00,-0.00,0.00,301.02,3.09,245,102878  
02/06/2006 01:00:00,13.75,87.01,0.00,-0.00,0.00,296.58,3.14,245,102875  
02/06/2006 02:00:00,13.42,89.43,0.00,-0.00,0.00,292.15,3.19,244,102871  
02/06/2006 03:00:00,13.33,86.88,0.00,-0.00,0.00,291.10,3.12,240,102885  
02/06/2006 04:00:00,13.24,84.33,0.00,-0.00,0.00,290.05,3.05,237,102898  
02/06/2006 05:00:00,13.14,81.78,84.00,292.84,45.00,289.00,2.98,233,102911  
02/06/2006 06:00:00,13.68,74.52,240.00,516.27,87.00,289.40,3.08,231,102915  
02/06/2006 07:00:00,14.22,67.27,423.00,706.91,99.00,289.80,3.18,229,102918  
02/06/2006 08:00:00,14.76,60.01,592.00,784.47,115.00,290.20,3.28,226,102921  
02/06/2006 09:00:00,15.06,56.38,739.00,829.56,129.00,291.77,3.37,217,102905  
02/06/2006 10:00:00,15.37,52.74,858.00,883.97,123.00,293.33,3.47,207,102888  
02/06/2006 11:00:00,15.68,49.11,924.00,888.81,133.00,294.90,3.56,197,102871  
02/06/2006 12:00:00,15.99,49.79,950.00,910.93,124.00,296.13,3.72,195,102818  
02/06/2006 13:00:00,16.31,50.46,918.00,901.48,124.00,297.37,3.88,193,102765  
02/06/2006 14:00:00,16.63,51.14,823.00,829.50,148.00,298.60,4.04,191,102712  
02/06/2006 15:00:00,16.66,51.85,689.00,744.81,160.00,300.18,3.94,191,102678  
02/06/2006 16:00:00,16.69,52.56,550.00,739.61,123.00,301.77,3.84,191,102645  
02/06/2006 17:00:00,16.72,53.27,376.00,631.98,108.00,303.35,3.74,191,102612  
02/06/2006 18:00:00,16.44,59.50,195.00,406.31,89.00,305.03,3.54,190,102642  
02/06/2006 19:00:00,16.17,65.74,47.00,131.43,34.00,306.72,3.33,189,102672  
02/06/2006 20:00:00,15.89,71.97,0.00,-0.00,0.00,308.40,3.13,188,102702  
02/06/2006 21:00:00,15.58,74.81,0.00,-0.00,0.00,309.22,3.11,194,102715  
02/06/2006 22:00:00,15.26,77.64,0.00,-0.00,0.00,310.03,3.09,199,102728  
02/06/2006 23:00:00,14.95,80.48,0.00,-0.00,0.00,310.85,3.06,205,102742  
03/06/2006 00:00:00,14.93,84.31,0.00,-0.00,0.00,309.98,3.14,213,102712  
03/06/2006 01:00:00,14.90,88.15,0.00,-0.00,0.00,309.12,3.21,220,102682  
03/06/2006 02:00:00,14.87,91.98,0.00,-0.00,0.00,308.25,3.28,228,102652  
03/06/2006 03:00:00,14.75,90.10,0.00,-0.00,0.00,306.92,3.15,225,102665  
03/06/2006 04:00:00,14.63,88.21,0.00,-0.00,0.00,305.58,3.02,221,102678  
03/06/2006 05:00:00,14.51,86.33,77.00,215.96,48.00,304.25,2.88,218,102692  
03/06/2006 06:00:00,15.08,79.84,212.00,326.26,115.00,303.77,2.75,219,102688  
03/06/2006 07:00:00,15.65,73.36,402.00,585.85,133.00,303.28,2.63,221,102685

03/06/2006 08:00:00,16.22,66.87,555.00,624.17,175.00,302.80,2.50,222,102682  
03/06/2006 09:00:00,16.48,62.04,679.00,619.53,223.00,303.40,2.50,215,102642  
03/06/2006 10:00:00,16.74,57.22,808.00,716.17,212.00,304.00,2.50,209,102602  
03/06/2006 11:00:00,17.00,52.39,840.00,635.43,274.00,304.60,2.50,202,102562  
03/06/2006 12:00:00,17.27,50.69,879.00,694.10,249.00,304.65,2.84,197,102512  
03/06/2006 13:00:00,17.53,48.98,875.00,759.81,205.00,304.70,3.19,193,102462  
03/06/2006 14:00:00,17.80,47.28,775.00,668.77,230.00,304.75,3.53,189,102412  
03/06/2006 15:00:00,17.78,48.57,702.00,788.35,141.00,305.93,3.35,190,102369  
03/06/2006 16:00:00,17.77,49.86,528.00,633.98,161.00,307.12,3.17,190,102325  
03/06/2006 17:00:00,17.75,51.15,345.00,460.32,149.00,308.30,2.99,191,102282  
03/06/2006 18:00:00,17.46,59.00,114.00,45.67,102.00,309.77,3.16,194,102292  
03/06/2006 19:00:00,17.18,66.84,44.00,89.19,35.00,311.23,3.33,197,102302  
03/06/2006 20:00:00,16.89,74.69,0.00,-0.00,0.00,312.70,3.50,200,102312  
03/06/2006 21:00:00,16.59,78.10,0.00,-0.00,0.00,313.37,3.54,209,102309  
03/06/2006 22:00:00,16.28,81.52,0.00,-0.00,0.00,314.03,3.57,218,102306  
03/06/2006 23:00:00,15.98,84.93,0.00,-0.00,0.00,314.70,3.60,227,102302  
04/06/2006 00:00:00,15.76,87.87,0.00,-0.00,0.00,313.02,3.41,243,102269  
04/06/2006 01:00:00,15.53,90.80,0.00,-0.00,0.00,311.33,3.22,260,102236  
04/06/2006 02:00:00,15.30,93.74,0.00,-0.00,0.00,309.65,3.03,276,102202  
04/06/2006 03:00:00,15.20,91.64,0.00,-0.00,0.00,308.52,2.83,276,102216  
04/06/2006 04:00:00,15.10,89.55,0.00,-0.00,0.00,307.38,2.63,275,102229  
04/06/2006 05:00:00,14.99,87.45,83.00,273.48,46.00,306.25,2.43,275,102242  
04/06/2006 06:00:00,15.48,79.86,239.00,496.35,91.00,305.83,2.19,270,102249  
04/06/2006 07:00:00,15.97,72.27,423.00,695.78,103.00,305.42,1.96,266,102256  
04/06/2006 08:00:00,16.47,64.68,591.00,771.14,121.00,305.00,1.72,261,102262  
04/06/2006 09:00:00,16.97,58.88,740.00,830.74,128.00,305.87,1.78,247,102246  
04/06/2006 10:00:00,17.47,53.09,860.00,883.68,124.00,306.73,1.84,232,102229  
04/06/2006 11:00:00,17.97,47.29,886.00,762.78,206.00,307.60,1.90,218,102212  
04/06/2006 12:00:00,17.99,47.00,777.00,444.69,373.00,308.98,2.29,208,102179  
04/06/2006 13:00:00,18.01,46.70,553.00,128.01,440.00,310.37,2.68,198,102146  
04/06/2006 14:00:00,18.04,46.41,676.00,408.05,343.00,311.75,3.06,188,102112  
04/06/2006 15:00:00,18.03,47.62,588.00,417.99,290.00,312.42,3.03,188,102093  
04/06/2006 16:00:00,18.02,48.82,385.00,192.98,273.00,313.08,3.00,188,102073  
04/06/2006 17:00:00,18.01,50.03,376.00,610.59,115.00,313.75,2.97,188,102053  
04/06/2006 18:00:00,17.73,56.87,109.00,34.02,100.00,314.57,3.06,192,102086  
04/06/2006 19:00:00,17.46,63.70,50.00,136.15,36.00,315.38,3.16,196,102119  
04/06/2006 20:00:00,17.18,70.54,0.00,-0.00,0.00,316.20,3.26,200,102152  
04/06/2006 21:00:00,16.92,72.04,0.00,-0.00,0.00,316.42,3.23,210,102176  
04/06/2006 22:00:00,16.65,73.54,0.00,-0.00,0.00,316.63,3.20,221,102199  
04/06/2006 23:00:00,16.39,75.04,0.00,-0.00,0.00,316.85,3.17,231,102222  
05/06/2006 00:00:00,16.40,76.84,0.00,-0.00,0.00,316.18,3.12,236,102219  
05/06/2006 01:00:00,16.41,78.64,0.00,-0.00,0.00,315.52,3.06,241,102216  
05/06/2006 02:00:00,16.42,80.44,0.00,-0.00,0.00,314.85,3.01,246,102212  
05/06/2006 03:00:00,16.32,80.71,0.00,-0.00,0.00,314.20,3.37,245,102249  
05/06/2006 04:00:00,16.22,80.98,0.00,-0.00,0.00,313.55,3.72,244,102286  
05/06/2006 05:00:00,16.12,81.25,85.00,278.99,47.00,312.90,4.08,243,102322  
05/06/2006 06:00:00,16.62,76.99,236.00,471.65,95.00,312.82,4.33,242,102355  
05/06/2006 07:00:00,17.11,72.73,419.00,670.89,110.00,312.73,4.58,242,102389  
05/06/2006 08:00:00,17.60,68.47,588.00,757.27,126.00,312.65,4.83,242,102422  
05/06/2006 09:00:00,17.98,63.14,737.00,815.16,136.00,313.98,4.92,239,102419

05/06/2006 10:00:00,18.36,57.80,856.00,867.44,133.00,315.32,5.02,236,102415  
05/06/2006 11:00:00,18.74,52.47,856.00,675.90,253.00,316.65,5.12,233,102412  
05/06/2006 12:00:00,19.12,51.27,829.00,560.88,319.00,317.45,5.12,232,102372  
05/06/2006 13:00:00,19.51,50.07,846.00,674.43,250.00,318.25,5.13,231,102332  
05/06/2006 14:00:00,19.90,48.87,740.00,565.37,278.00,319.05,5.13,231,102292  
05/06/2006 15:00:00,19.87,49.78,682.00,704.28,179.00,320.00,5.02,231,102286  
05/06/2006 16:00:00,19.83,50.70,558.00,754.52,119.00,320.95,4.90,232,102279  
05/06/2006 17:00:00,19.80,51.61,390.00,682.89,97.00,321.90,4.79,232,102272  
05/06/2006 18:00:00,19.32,54.33,214.00,518.18,76.00,321.85,4.75,234,102319  
05/06/2006 19:00:00,18.83,57.05,54.00,171.95,36.00,321.80,4.71,235,102365  
05/06/2006 20:00:00,18.35,59.77,0.00,-0.00,0.00,321.75,4.68,237,102412  
05/06/2006 21:00:00,17.85,60.48,0.00,-0.00,0.00,319.32,4.79,240,102435  
05/06/2006 22:00:00,17.35,61.18,0.00,-0.00,0.00,316.88,4.90,242,102459  
05/06/2006 23:00:00,16.85,61.89,0.00,-0.00,0.00,314.45,5.01,245,102482  
06/06/2006 00:00:00,16.47,63.64,0.00,-0.00,0.00,309.28,4.97,245,102455  
06/06/2006 01:00:00,16.09,65.38,0.00,-0.00,0.00,304.12,4.94,246,102429  
06/06/2006 02:00:00,15.70,67.13,0.00,-0.00,0.00,298.95,4.91,246,102402  
06/06/2006 03:00:00,15.54,68.01,0.00,-0.00,0.00,297.05,5.22,246,102412  
06/06/2006 04:00:00,15.38,68.88,0.00,-0.00,0.00,295.15,5.53,246,102422  
06/06/2006 05:00:00,15.21,69.76,92.00,357.62,43.00,293.25,5.83,247,102432  
06/06/2006 06:00:00,15.79,65.06,250.00,567.37,80.00,292.77,6.10,248,102442  
06/06/2006 07:00:00,16.36,60.37,426.00,709.08,99.00,292.28,6.36,249,102452  
06/06/2006 08:00:00,16.93,55.67,566.00,661.63,162.00,291.80,6.62,250,102462  
06/06/2006 09:00:00,17.59,51.78,620.00,444.57,292.00,293.30,6.64,250,102429  
06/06/2006 10:00:00,18.25,47.88,800.00,688.23,226.00,294.80,6.67,250,102395  
06/06/2006 11:00:00,18.91,43.99,922.00,872.56,143.00,296.30,6.69,250,102362  
06/06/2006 12:00:00,19.45,41.98,958.00,927.46,114.00,298.38,6.78,250,102302  
06/06/2006 13:00:00,20.00,39.96,927.00,919.08,114.00,300.47,6.86,250,102242  
06/06/2006 14:00:00,20.55,37.95,846.00,893.41,115.00,302.55,6.95,250,102182  
06/06/2006 15:00:00,20.55,39.82,725.00,866.62,105.00,304.87,6.56,248,102156  
06/06/2006 16:00:00,20.54,41.70,563.00,769.87,114.00,307.18,6.16,247,102129  
06/06/2006 17:00:00,20.54,43.57,394.00,696.69,94.00,309.50,5.77,245,102102  
06/06/2006 18:00:00,20.02,46.20,214.00,511.21,77.00,311.32,5.89,245,102132  
06/06/2006 19:00:00,19.50,48.82,56.00,178.47,37.00,313.13,6.00,244,102162  
06/06/2006 20:00:00,18.98,51.45,0.00,-0.00,0.00,314.95,6.12,244,102192  
06/06/2006 21:00:00,18.52,52.91,0.00,-0.00,0.00,313.02,6.24,245,102196  
06/06/2006 22:00:00,18.06,54.36,0.00,-0.00,0.00,311.08,6.35,247,102199  
06/06/2006 23:00:00,17.60,55.82,0.00,-0.00,0.00,309.15,6.47,249,102202  
07/06/2006 00:00:00,17.38,57.06,0.00,-0.00,0.00,306.82,6.49,250,102186  
07/06/2006 01:00:00,17.15,58.31,0.00,-0.00,0.00,304.48,6.51,250,102169  
07/06/2006 02:00:00,16.92,59.55,0.00,-0.00,0.00,302.15,6.52,251,102152  
07/06/2006 03:00:00,16.83,60.35,0.00,-0.00,0.00,301.52,6.85,251,102149  
07/06/2006 04:00:00,16.73,61.15,0.00,-0.00,0.00,300.88,7.17,252,102146  
07/06/2006 05:00:00,16.63,61.95,85.00,268.64,48.00,300.25,7.49,252,102142  
07/06/2006 06:00:00,17.29,57.90,245.00,529.61,86.00,300.73,7.77,254,102136  
07/06/2006 07:00:00,17.94,53.86,386.00,498.20,156.00,301.22,8.05,256,102129  
07/06/2006 08:00:00,18.59,49.81,586.00,742.97,132.00,301.70,8.33,257,102122  
07/06/2006 09:00:00,19.24,46.44,653.00,532.35,260.00,304.23,8.27,258,102089  
07/06/2006 10:00:00,19.88,43.06,819.00,745.34,197.00,306.77,8.21,259,102056  
07/06/2006 11:00:00,20.52,39.69,908.00,823.88,172.00,309.30,8.15,260,102023

07/06/2006 12:00:00,21.05,37.72,953.00,911.39,123.00,312.73,8.06,261,101976  
07/06/2006 13:00:00,21.57,35.75,923.00,902.40,124.00,316.17,7.96,262,101929  
07/06/2006 14:00:00,22.09,33.78,842.00,877.68,123.00,319.60,7.86,263,101883  
07/06/2006 15:00:00,22.07,35.80,723.00,851.26,113.00,321.88,7.41,261,101856  
07/06/2006 16:00:00,22.04,37.81,555.00,728.77,129.00,324.17,6.96,259,101830  
07/06/2006 17:00:00,22.02,39.83,376.00,590.15,121.00,326.45,6.51,257,101803  
07/06/2006 18:00:00,21.49,40.59,197.00,374.62,96.00,327.83,6.74,258,101800  
07/06/2006 19:00:00,20.96,41.35,47.00,92.46,37.00,329.22,6.96,258,101796  
07/06/2006 20:00:00,20.43,42.11,0.00,-0.00,0.00,330.60,7.19,258,101793  
07/06/2006 21:00:00,20.03,43.36,0.00,-0.00,0.00,330.43,7.18,261,101776  
07/06/2006 22:00:00,19.63,44.60,0.00,-0.00,0.00,330.27,7.18,264,101760  
07/06/2006 23:00:00,19.23,45.85,0.00,-0.00,0.00,330.10,7.17,267,101743  
08/06/2006 00:00:00,19.03,48.03,0.00,-0.00,0.00,327.83,6.90,270,101730  
08/06/2006 01:00:00,18.83,50.22,0.00,-0.00,0.00,325.57,6.62,273,101716  
08/06/2006 02:00:00,18.62,52.40,0.00,-0.00,0.00,323.30,6.34,276,101703  
08/06/2006 03:00:00,18.47,53.93,0.00,-0.00,0.00,322.55,6.62,277,101680  
08/06/2006 04:00:00,18.32,55.47,0.00,-0.00,0.00,321.80,6.89,277,101657  
08/06/2006 05:00:00,18.17,57.00,83.00,238.53,50.00,321.05,7.16,277,101633  
08/06/2006 06:00:00,18.70,54.13,247.00,538.71,85.00,320.78,7.44,279,101607  
08/06/2006 07:00:00,19.22,51.27,414.00,634.09,121.00,320.52,7.72,281,101580  
08/06/2006 08:00:00,19.75,48.40,589.00,757.23,126.00,320.25,8.00,283,101553  
08/06/2006 09:00:00,20.37,45.97,726.00,770.36,157.00,326.18,7.94,284,101497  
08/06/2006 10:00:00,20.99,43.54,852.00,851.56,141.00,332.12,7.87,286,101440  
08/06/2006 11:00:00,21.61,41.11,913.00,840.18,162.00,338.05,7.81,288,101384  
08/06/2006 12:00:00,22.00,39.38,929.00,829.55,173.00,339.98,7.55,292,101324  
08/06/2006 13:00:00,22.38,37.65,824.00,607.09,286.00,341.92,7.30,296,101264  
08/06/2006 14:00:00,22.76,35.92,771.00,642.56,244.00,343.85,7.05,301,101204  
08/06/2006 15:00:00,22.34,38.41,689.00,718.96,173.00,345.98,6.09,300,101181  
08/06/2006 16:00:00,21.93,40.89,559.00,742.54,124.00,348.12,5.13,300,101157  
08/06/2006 17:00:00,21.51,43.38,391.00,662.03,104.00,350.25,4.17,300,101134  
08/06/2006 18:00:00,20.96,45.03,190.00,324.55,102.00,352.15,4.05,299,101144  
08/06/2006 19:00:00,20.41,46.67,20.00,0.00,20.00,354.05,3.93,298,101154  
08/06/2006 20:00:00,19.86,48.32,0.00,-0.00,0.00,355.95,3.81,297,101164  
08/06/2006 21:00:00,19.40,49.05,0.00,-0.00,0.00,358.23,3.75,304,101171  
08/06/2006 22:00:00,18.94,49.79,0.00,-0.00,0.00,360.52,3.69,311,101177  
08/06/2006 23:00:00,18.48,50.52,0.00,-0.00,0.00,362.80,3.63,318,101184  
09/06/2006 00:00:00,18.21,54.39,0.00,-0.00,0.00,356.17,3.59,324,101201  
09/06/2006 01:00:00,17.93,58.27,0.00,-0.00,0.00,349.53,3.54,331,101217  
09/06/2006 02:00:00,17.65,62.14,0.00,-0.00,0.00,342.90,3.50,337,101234  
09/06/2006 03:00:00,17.59,65.05,0.00,-0.00,0.00,343.23,3.60,339,101257  
09/06/2006 04:00:00,17.53,67.95,0.00,-0.00,0.00,343.57,3.70,341,101280  
09/06/2006 05:00:00,17.46,70.86,82.00,223.23,51.00,343.90,3.79,343,101304  
09/06/2006 06:00:00,17.78,67.44,231.00,428.39,102.00,344.05,3.87,348,101344  
09/06/2006 07:00:00,18.09,64.03,414.00,633.63,121.00,344.20,3.95,352,101384  
09/06/2006 08:00:00,18.41,60.61,567.00,662.04,162.00,344.35,4.03,357,101424  
09/06/2006 09:00:00,18.48,57.91,750.00,860.71,114.00,344.25,4.01,5,101437  
09/06/2006 10:00:00,18.55,55.21,834.00,790.13,174.00,344.15,3.99,13,101450  
09/06/2006 11:00:00,18.62,52.51,923.00,872.18,143.00,344.05,3.97,21,101463  
09/06/2006 12:00:00,18.71,52.56,955.00,911.26,124.00,343.30,3.86,26,101470  
09/06/2006 13:00:00,18.79,52.62,929.00,918.90,114.00,342.55,3.75,32,101477

09/06/2006 14:00:00,18.88,52.67,840.00,862.31,132.00,341.80,3.64,38,101483  
09/06/2006 15:00:00,18.59,55.49,702.00,762.42,154.00,342.45,3.54,56,101507  
09/06/2006 16:00:00,18.29,58.32,530.00,613.23,170.00,343.10,3.43,74,101530  
09/06/2006 17:00:00,18.00,61.14,352.00,455.30,154.00,343.75,3.32,93,101553  
09/06/2006 18:00:00,17.52,67.45,131.00,73.36,111.00,344.02,2.97,108,101617  
09/06/2006 19:00:00,17.04,73.77,45.00,62.88,38.00,344.28,2.63,124,101680  
09/06/2006 20:00:00,16.56,80.08,0.00,-0.00,0.00,344.55,2.28,140,101743  
09/06/2006 21:00:00,16.31,83.51,0.00,-0.00,0.00,345.08,2.20,149,101756  
09/06/2006 22:00:00,16.05,86.94,0.00,-0.00,0.00,345.62,2.13,158,101770  
09/06/2006 23:00:00,15.80,90.37,0.00,-0.00,0.00,346.15,2.06,168,101783  
10/06/2006 00:00:00,15.93,92.08,0.00,-0.00,0.00,343.18,2.03,167,101803  
10/06/2006 01:00:00,16.05,93.80,0.00,-0.00,0.00,340.22,2.00,166,101823  
10/06/2006 02:00:00,16.17,95.51,0.00,-0.00,0.00,337.25,1.97,166,101843  
10/06/2006 03:00:00,16.30,93.70,0.00,-0.00,0.00,338.17,2.25,176,101866  
10/06/2006 04:00:00,16.43,91.90,0.00,-0.00,0.00,339.08,2.52,186,101889  
10/06/2006 05:00:00,16.56,90.09,24.00,0.00,24.00,340.00,2.80,196,101913  
10/06/2006 06:00:00,17.25,80.79,37.00,0.00,37.00,341.95,2.74,206,101936  
10/06/2006 07:00:00,17.93,71.48,242.00,75.65,207.00,343.90,2.68,215,101959  
10/06/2006 08:00:00,18.61,62.18,323.00,68.63,281.00,345.85,2.62,225,101983  
10/06/2006 09:00:00,19.02,58.50,702.00,685.90,195.00,348.87,2.45,237,101966  
10/06/2006 10:00:00,19.42,54.81,844.00,820.95,158.00,351.88,2.27,248,101949  
10/06/2006 11:00:00,19.83,51.13,762.00,441.48,367.00,354.90,2.10,260,101933  
10/06/2006 12:00:00,20.30,49.53,914.00,783.60,199.00,356.23,2.23,266,101886  
10/06/2006 13:00:00,20.77,47.92,910.00,853.97,152.00,357.57,2.36,272,101840  
10/06/2006 14:00:00,21.25,46.32,777.00,657.01,237.00,358.90,2.50,278,101793  
10/06/2006 15:00:00,21.36,48.19,590.00,408.46,296.00,360.67,2.56,268,101776  
10/06/2006 16:00:00,21.47,50.07,449.00,333.21,253.00,362.43,2.63,258,101760  
10/06/2006 17:00:00,21.58,51.94,100.00,0.00,100.00,364.20,2.69,249,101743  
10/06/2006 18:00:00,21.31,57.33,118.00,40.14,107.00,364.22,2.79,249,101733  
10/06/2006 19:00:00,21.05,62.73,36.00,17.73,34.00,364.23,2.88,249,101723  
10/06/2006 20:00:00,20.78,68.12,0.00,-0.00,0.00,364.25,2.98,250,101713  
10/06/2006 21:00:00,20.53,68.05,0.00,-0.00,0.00,363.98,3.11,259,101683  
10/06/2006 22:00:00,20.29,67.99,0.00,-0.00,0.00,363.72,3.24,268,101653  
10/06/2006 23:00:00,20.04,67.92,0.00,-0.00,0.00,363.45,3.37,277,101623  
11/06/2006 00:00:00,19.99,69.89,0.00,-0.00,0.00,361.15,3.57,291,101603  
11/06/2006 01:00:00,19.94,71.86,0.00,-0.00,0.00,358.85,3.78,304,101583  
11/06/2006 02:00:00,19.89,73.83,0.00,-0.00,0.00,356.55,3.99,318,101563  
11/06/2006 03:00:00,19.67,73.27,0.00,-0.00,0.00,355.65,4.17,321,101580  
11/06/2006 04:00:00,19.44,72.72,0.00,-0.00,0.00,354.75,4.35,323,101597  
11/06/2006 05:00:00,19.21,72.16,35.00,0.00,35.00,353.85,4.54,326,101613  
11/06/2006 06:00:00,19.42,67.65,135.00,46.41,121.00,353.73,4.57,330,101640  
11/06/2006 07:00:00,19.63,63.14,341.00,315.44,195.00,353.62,4.59,333,101666  
11/06/2006 08:00:00,19.83,58.63,596.00,785.77,115.00,353.50,4.62,337,101693  
11/06/2006 09:00:00,19.83,55.71,449.00,120.37,360.00,354.67,4.22,351,101706  
11/06/2006 10:00:00,19.83,52.78,839.00,805.15,166.00,355.83,3.82,5,101720  
11/06/2006 11:00:00,19.83,49.86,737.00,389.91,388.00,357.00,3.42,19,101733  
11/06/2006 12:00:00,19.66,50.65,822.00,536.73,332.00,355.47,3.16,25,101743  
11/06/2006 13:00:00,19.49,51.45,906.00,837.60,162.00,353.93,2.90,30,101753  
11/06/2006 14:00:00,19.33,52.24,386.00,30.39,361.00,352.40,2.63,36,101763  
11/06/2006 15:00:00,19.15,53.79,150.00,0.00,150.00,351.68,2.57,45,101750

11/06/2006 16:00:00,18.98,55.34,85.00,0.00,85.00,350.97,2.51,54,101736  
11/06/2006 17:00:00,18.80,56.89,68.00,0.00,68.00,350.25,2.46,63,101723  
11/06/2006 18:00:00,18.44,64.68,36.00,0.00,36.00,350.00,2.24,74,101750  
11/06/2006 19:00:00,18.07,72.46,28.00,0.00,28.00,349.75,2.02,85,101776  
11/06/2006 20:00:00,17.71,80.25,0.00,-0.00,0.00,349.50,1.81,96,101803  
11/06/2006 21:00:00,17.60,84.10,0.00,-0.00,0.00,349.33,1.78,109,101806  
11/06/2006 22:00:00,17.50,87.95,0.00,-0.00,0.00,349.17,1.75,122,101810  
11/06/2006 23:00:00,17.39,91.80,0.00,-0.00,0.00,349.00,1.72,135,101813  
12/06/2006 00:00:00,17.48,93.74,0.00,-0.00,0.00,349.97,1.78,162,101823  
12/06/2006 01:00:00,17.56,95.69,0.00,-0.00,0.00,350.93,1.83,190,101833  
12/06/2006 02:00:00,17.64,97.63,0.00,-0.00,0.00,351.90,1.89,217,101843  
12/06/2006 03:00:00,17.86,94.85,0.00,-0.00,0.00,350.63,2.37,239,101836  
12/06/2006 04:00:00,18.08,92.06,0.00,-0.00,0.00,349.37,2.86,261,101830  
12/06/2006 05:00:00,18.29,89.28,95.00,364.64,44.00,348.10,3.34,282,101823  
12/06/2006 06:00:00,18.82,82.59,228.00,400.88,107.00,347.98,3.47,297,101826  
12/06/2006 07:00:00,19.35,75.91,183.00,17.28,175.00,347.87,3.60,312,101830  
12/06/2006 08:00:00,19.89,69.22,600.00,800.36,110.00,347.75,3.72,327,101833  
12/06/2006 09:00:00,20.05,67.07,722.00,755.93,163.00,346.52,3.49,339,101820  
12/06/2006 10:00:00,20.21,64.93,825.00,759.51,190.00,345.28,3.26,350,101806  
12/06/2006 11:00:00,20.38,62.78,919.00,855.51,153.00,344.05,3.03,2,101793  
12/06/2006 12:00:00,20.49,57.67,956.00,910.91,124.00,342.38,2.46,14,101740  
12/06/2006 13:00:00,20.60,52.55,916.00,869.67,143.00,340.72,1.88,26,101686  
12/06/2006 14:00:00,20.72,47.44,842.00,862.23,132.00,339.05,1.30,37,101633  
12/06/2006 15:00:00,20.53,49.65,725.00,836.98,121.00,339.03,1.42,64,101617  
12/06/2006 16:00:00,20.34,51.85,555.00,704.64,139.00,339.02,1.54,90,101600  
12/06/2006 17:00:00,20.15,54.06,364.00,497.06,146.00,339.00,1.66,116,101583  
12/06/2006 18:00:00,19.95,61.26,143.00,97.61,116.00,339.35,1.98,135,101593  
12/06/2006 19:00:00,19.76,68.45,50.00,77.93,41.00,339.70,2.31,153,101603  
12/06/2006 20:00:00,19.56,75.65,0.00,-0.00,0.00,340.05,2.63,172,101613  
12/06/2006 21:00:00,19.31,78.80,0.00,-0.00,0.00,342.05,2.62,181,101617  
12/06/2006 22:00:00,19.05,81.94,0.00,-0.00,0.00,344.05,2.60,190,101620  
12/06/2006 23:00:00,18.80,85.09,0.00,-0.00,0.00,346.05,2.58,199,101623  
13/06/2006 00:00:00,18.73,86.43,0.00,-0.00,0.00,347.85,2.45,202,101617  
13/06/2006 01:00:00,18.66,87.76,0.00,-0.00,0.00,349.65,2.31,204,101610  
13/06/2006 02:00:00,18.58,89.10,0.00,-0.00,0.00,351.45,2.18,207,101603  
13/06/2006 03:00:00,18.53,88.14,0.00,-0.00,0.00,349.50,2.15,209,101590  
13/06/2006 04:00:00,18.47,87.17,0.00,-0.00,0.00,347.55,2.11,211,101577  
13/06/2006 05:00:00,18.41,86.21,42.00,14.28,40.00,345.60,2.08,213,101563  
13/06/2006 06:00:00,18.84,81.05,90.00,3.31,89.00,345.93,1.96,215,101563  
13/06/2006 07:00:00,19.27,75.90,149.00,2.16,148.00,346.27,1.83,218,101563  
13/06/2006 08:00:00,19.70,70.74,231.00,8.17,226.00,346.60,1.71,220,101563  
13/06/2006 09:00:00,19.96,65.88,301.00,12.17,292.00,348.35,1.53,214,101547  
13/06/2006 10:00:00,20.22,61.03,514.00,120.78,413.00,350.10,1.34,209,101530  
13/06/2006 11:00:00,20.48,56.17,457.00,45.78,416.00,351.85,1.16,203,101513  
13/06/2006 12:00:00,20.64,56.23,218.00,0.00,218.00,350.53,1.52,193,101490  
13/06/2006 13:00:00,20.80,56.29,285.00,1.12,284.00,349.22,1.88,184,101467  
13/06/2006 14:00:00,20.96,56.35,130.00,0.00,130.00,347.90,2.23,174,101444  
13/06/2006 15:00:00,21.01,59.35,125.00,0.00,125.00,348.12,2.76,177,101430  
13/06/2006 16:00:00,21.05,62.34,371.00,153.88,280.00,348.33,3.29,180,101417  
13/06/2006 17:00:00,21.10,65.34,144.00,4.55,142.00,348.55,3.82,183,101404

13/06/2006 18:00:00,20.74,70.55,151.00,122.40,117.00,349.12,4.04,189,101430  
13/06/2006 19:00:00,20.37,75.75,25.00,0.00,25.00,349.68,4.26,195,101457  
13/06/2006 20:00:00,20.01,80.96,0.00,-0.00,0.00,350.25,4.48,201,101483  
13/06/2006 21:00:00,19.55,83.84,0.00,-0.00,0.00,350.85,4.40,204,101483  
13/06/2006 22:00:00,19.10,86.72,0.00,-0.00,0.00,351.45,4.32,207,101483  
13/06/2006 23:00:00,18.64,89.60,0.00,-0.00,0.00,352.05,4.23,210,101483  
14/06/2006 00:00:00,18.56,90.40,0.00,-0.00,0.00,353.10,4.36,214,101490  
14/06/2006 01:00:00,18.48,91.19,0.00,-0.00,0.00,354.15,4.48,218,101497  
14/06/2006 02:00:00,18.40,91.99,0.00,-0.00,0.00,355.20,4.61,221,101503  
14/06/2006 03:00:00,18.23,90.28,0.00,-0.00,0.00,354.75,4.91,222,101503  
14/06/2006 04:00:00,18.05,88.58,0.00,-0.00,0.00,354.30,5.21,223,101503  
14/06/2006 05:00:00,17.87,86.87,60.00,64.26,51.00,353.85,5.52,224,101503  
14/06/2006 06:00:00,18.33,80.87,185.00,185.51,129.00,352.78,5.29,228,101510  
14/06/2006 07:00:00,18.79,74.87,359.00,382.36,182.00,351.72,5.07,231,101517  
14/06/2006 08:00:00,19.25,68.87,561.00,637.05,171.00,350.65,4.84,235,101523  
14/06/2006 09:00:00,19.78,64.22,698.00,672.04,201.00,349.90,4.20,234,101503  
14/06/2006 10:00:00,20.30,59.58,779.00,620.60,260.00,349.15,3.56,234,101483  
14/06/2006 11:00:00,20.83,54.93,909.00,823.83,171.00,348.40,2.92,234,101463  
14/06/2006 12:00:00,21.17,53.78,931.00,829.23,173.00,347.78,2.75,232,101457  
14/06/2006 13:00:00,21.51,52.63,867.00,716.96,229.00,347.17,2.57,230,101450  
14/06/2006 14:00:00,21.86,51.48,830.00,815.97,157.00,346.55,2.40,228,101444  
14/06/2006 15:00:00,21.88,52.12,719.00,807.42,135.00,347.78,2.58,224,101424  
14/06/2006 16:00:00,21.90,52.77,551.00,678.72,149.00,349.02,2.77,220,101404  
14/06/2006 17:00:00,21.92,53.41,375.00,540.03,137.00,350.25,2.95,216,101384  
14/06/2006 18:00:00,21.61,57.67,188.00,272.51,112.00,351.85,3.30,216,101434  
14/06/2006 19:00:00,21.30,61.92,46.00,50.91,40.00,353.45,3.64,216,101483  
14/06/2006 20:00:00,20.99,66.18,0.00,-0.00,0.00,355.05,3.99,216,101533  
14/06/2006 21:00:00,20.61,67.65,0.00,-0.00,0.00,356.12,4.37,220,101547  
14/06/2006 22:00:00,20.23,69.12,0.00,-0.00,0.00,357.18,4.75,224,101560  
14/06/2006 23:00:00,19.85,70.59,0.00,-0.00,0.00,358.25,5.13,228,101573  
15/06/2006 00:00:00,19.36,73.54,0.00,-0.00,0.00,357.75,5.25,230,101577  
15/06/2006 01:00:00,18.86,76.48,0.00,-0.00,0.00,357.25,5.37,232,101580  
15/06/2006 02:00:00,18.36,79.43,0.00,-0.00,0.00,356.75,5.49,234,101583  
15/06/2006 03:00:00,18.19,78.41,0.00,-0.00,0.00,355.37,5.76,234,101583  
15/06/2006 04:00:00,18.01,77.38,0.00,-0.00,0.00,353.98,6.03,234,101583  
15/06/2006 05:00:00,17.83,76.36,66.00,92.85,53.00,352.60,6.30,235,101583  
15/06/2006 06:00:00,18.40,71.34,212.00,308.18,119.00,352.70,6.17,237,101587  
15/06/2006 07:00:00,18.97,66.32,258.00,101.56,211.00,352.80,6.03,239,101590  
15/06/2006 08:00:00,19.55,61.30,423.00,222.19,287.00,352.90,5.89,241,101593  
15/06/2006 09:00:00,19.99,57.94,678.00,605.83,230.00,355.13,5.35,241,101573  
15/06/2006 10:00:00,20.43,54.57,802.00,687.55,227.00,357.37,4.81,241,101553  
15/06/2006 11:00:00,20.88,51.21,854.00,661.86,261.00,359.60,4.28,241,101533  
15/06/2006 12:00:00,21.03,50.62,911.00,767.73,209.00,361.63,3.71,244,101490  
15/06/2006 13:00:00,21.19,50.02,898.00,806.46,180.00,363.67,3.14,247,101447  
15/06/2006 14:00:00,21.35,49.43,785.00,671.20,231.00,365.70,2.58,250,101404  
15/06/2006 15:00:00,21.24,49.94,633.00,516.55,259.00,364.60,2.65,251,101390  
15/06/2006 16:00:00,21.14,50.46,231.00,11.80,224.00,363.50,2.72,252,101377  
15/06/2006 17:00:00,21.03,50.97,326.00,323.76,183.00,362.40,2.79,252,101364  
15/06/2006 18:00:00,20.63,53.59,192.00,296.51,109.00,361.28,2.70,245,101387  
15/06/2006 19:00:00,20.24,56.21,50.00,67.28,42.00,360.17,2.62,238,101410



15/06/2006 20:00:00,19.84,58.83,0.00,-0.00,0.00,359.05,2.54,231,101434  
15/06/2006 21:00:00,19.75,58.40,0.00,-0.00,0.00,358.93,2.85,234,101447  
15/06/2006 22:00:00,19.67,57.97,0.00,-0.00,0.00,358.82,3.16,236,101460  
15/06/2006 23:00:00,19.58,57.54,0.00,-0.00,0.00,358.70,3.48,239,101473  
16/06/2006 00:00:00,19.44,58.94,0.00,-0.00,0.00,357.07,3.33,243,101477  
16/06/2006 01:00:00,19.30,60.34,0.00,-0.00,0.00,355.43,3.18,247,101480  
16/06/2006 02:00:00,19.15,61.74,0.00,-0.00,0.00,353.80,3.03,251,101483  
16/06/2006 03:00:00,19.07,62.79,0.00,-0.00,0.00,352.03,3.16,250,101490  
16/06/2006 04:00:00,18.99,63.84,0.00,-0.00,0.00,350.27,3.28,249,101497  
16/06/2006 05:00:00,18.90,64.89,87.00,271.66,49.00,348.50,3.41,247,101503  
16/06/2006 06:00:00,19.21,61.83,198.00,242.06,125.00,348.80,3.09,248,101510  
16/06/2006 07:00:00,19.52,58.76,37.00,0.00,37.00,349.10,2.77,248,101517  
16/06/2006 08:00:00,19.83,55.70,93.00,0.00,93.00,349.40,2.46,249,101523  
16/06/2006 09:00:00,20.27,53.69,432.00,101.44,357.00,351.48,2.12,249,101507  
16/06/2006 10:00:00,20.71,51.69,454.00,65.77,399.00,353.57,1.79,250,101490  
16/06/2006 11:00:00,21.15,49.68,693.00,305.78,419.00,355.65,1.46,250,101473  
16/06/2006 12:00:00,20.80,51.81,911.00,767.53,209.00,356.72,1.35,229,101470  
16/06/2006 13:00:00,20.46,53.93,638.00,225.66,437.00,357.78,1.24,208,101467  
16/06/2006 14:00:00,20.12,56.06,771.00,630.81,250.00,358.85,1.13,186,101463  
16/06/2006 15:00:00,19.91,60.56,453.00,137.99,353.00,357.72,1.31,171,101434  
16/06/2006 16:00:00,19.69,65.06,562.00,720.59,134.00,356.58,1.50,155,101404  
16/06/2006 17:00:00,19.48,69.56,390.00,607.80,121.00,355.45,1.68,140,101374  
16/06/2006 18:00:00,19.14,75.81,214.00,427.23,94.00,355.93,1.84,134,101390  
16/06/2006 19:00:00,18.80,82.07,35.00,8.34,34.00,356.42,2.00,128,101407  
16/06/2006 20:00:00,18.46,88.32,0.00,-0.00,0.00,356.90,2.17,122,101424  
16/06/2006 21:00:00,18.35,89.99,0.00,-0.00,0.00,356.90,2.21,127,101417  
16/06/2006 22:00:00,18.25,91.67,0.00,-0.00,0.00,356.90,2.25,132,101410  
16/06/2006 23:00:00,18.14,93.34,0.00,-0.00,0.00,356.90,2.29,137,101404  
17/06/2006 00:00:00,18.13,93.01,0.00,-0.00,0.00,355.47,2.13,127,101394  
17/06/2006 01:00:00,18.12,92.68,0.00,-0.00,0.00,354.03,1.98,117,101384  
17/06/2006 02:00:00,18.11,92.35,0.00,-0.00,0.00,352.60,1.82,107,101374  
17/06/2006 03:00:00,18.14,92.70,0.00,-0.00,0.00,352.18,2.12,103,101367  
17/06/2006 04:00:00,18.17,93.05,0.00,-0.00,0.00,351.77,2.42,98,101360  
17/06/2006 05:00:00,18.20,93.40,77.00,179.01,52.00,351.35,2.72,94,101354  
17/06/2006 06:00:00,18.50,85.24,226.00,394.95,107.00,351.00,2.75,85,101357  
17/06/2006 07:00:00,18.79,77.08,404.00,586.21,133.00,350.65,2.78,75,101360  
17/06/2006 08:00:00,19.08,68.92,583.00,729.19,137.00,350.30,2.81,66,101364  
17/06/2006 09:00:00,19.00,66.27,734.00,799.55,143.00,351.48,3.34,65,101354  
17/06/2006 10:00:00,18.91,63.61,857.00,867.02,132.00,352.67,3.87,63,101344  
17/06/2006 11:00:00,18.83,60.96,924.00,871.55,143.00,353.85,4.40,62,101334  
17/06/2006 12:00:00,18.73,61.22,962.00,928.06,113.00,354.60,4.63,65,101307  
17/06/2006 13:00:00,18.63,61.48,933.00,919.15,114.00,355.35,4.85,68,101280  
17/06/2006 14:00:00,18.53,61.74,818.00,770.79,181.00,356.10,5.08,70,101254  
17/06/2006 15:00:00,18.35,62.99,736.00,869.93,105.00,355.73,4.83,71,101234  
17/06/2006 16:00:00,18.18,64.23,569.00,748.27,124.00,355.37,4.58,72,101214  
17/06/2006 17:00:00,18.00,65.48,395.00,633.73,114.00,355.00,4.33,72,101194  
17/06/2006 18:00:00,17.65,69.81,175.00,202.31,118.00,353.62,3.76,74,101221  
17/06/2006 19:00:00,17.29,74.15,52.00,74.52,43.00,352.23,3.18,75,101247  
17/06/2006 20:00:00,16.94,78.48,0.00,-0.00,0.00,350.85,2.61,77,101274  
17/06/2006 21:00:00,16.74,80.85,0.00,-0.00,0.00,350.03,2.53,78,101267

17/06/2006 22:00:00,16.55,83.21,0.00,-0.00,0.00,349.22,2.46,80,101260  
17/06/2006 23:00:00,16.35,85.58,0.00,-0.00,0.00,348.40,2.39,81,101254  
18/06/2006 00:00:00,16.28,87.47,0.00,-0.00,0.00,356.38,2.52,79,101254  
18/06/2006 01:00:00,16.21,89.36,0.00,-0.00,0.00,364.37,2.65,77,101254  
18/06/2006 02:00:00,16.13,91.25,0.00,-0.00,0.00,372.35,2.79,74,101254  
18/06/2006 03:00:00,16.23,89.30,0.00,-0.00,0.00,375.80,3.09,78,101264  
18/06/2006 04:00:00,16.32,87.35,0.00,-0.00,0.00,379.25,3.38,82,101274  
18/06/2006 05:00:00,16.41,85.40,21.00,0.00,21.00,382.70,3.68,85,101284  
18/06/2006 06:00:00,16.76,79.30,39.00,0.00,39.00,383.83,3.88,82,101314  
18/06/2006 07:00:00,17.10,73.19,162.00,6.49,159.00,384.97,4.08,79,101344  
18/06/2006 08:00:00,17.44,67.09,310.00,55.62,276.00,386.10,4.28,76,101374  
18/06/2006 09:00:00,17.56,63.54,400.00,70.37,348.00,384.07,4.49,75,101350  
18/06/2006 10:00:00,17.68,60.00,380.00,23.92,360.00,382.03,4.70,75,101327  
18/06/2006 11:00:00,17.80,56.45,552.00,118.29,446.00,380.00,4.91,74,101304  
18/06/2006 12:00:00,18.03,56.48,213.00,0.00,213.00,371.58,5.00,76,101330  
18/06/2006 13:00:00,18.27,56.51,828.00,606.95,287.00,363.17,5.09,78,101357  
18/06/2006 14:00:00,18.51,56.54,630.00,297.51,384.00,354.75,5.17,80,101384  
18/06/2006 15:00:00,18.33,58.62,545.00,292.05,333.00,355.00,5.04,83,101390  
18/06/2006 16:00:00,18.15,60.70,294.00,50.39,264.00,355.25,4.91,87,101397  
18/06/2006 17:00:00,17.97,62.78,221.00,63.04,193.00,355.50,4.79,91,101404  
18/06/2006 18:00:00,17.62,67.55,157.00,130.95,120.00,354.48,4.19,94,101453  
18/06/2006 19:00:00,17.27,72.32,12.00,0.00,12.00,353.47,3.59,97,101503  
18/06/2006 20:00:00,16.92,77.09,0.00,-0.00,0.00,352.45,2.99,99,101553  
18/06/2006 21:00:00,16.74,80.83,0.00,-0.00,0.00,350.52,2.80,104,101563  
18/06/2006 22:00:00,16.55,84.58,0.00,-0.00,0.00,348.58,2.61,108,101573  
18/06/2006 23:00:00,16.37,88.32,0.00,-0.00,0.00,346.65,2.41,112,101583  
19/06/2006 00:00:00,16.32,90.04,0.00,-0.00,0.00,353.87,2.29,114,101597  
19/06/2006 01:00:00,16.27,91.76,0.00,-0.00,0.00,361.08,2.17,116,101610  
19/06/2006 02:00:00,16.22,93.48,0.00,-0.00,0.00,368.30,2.04,118,101623  
19/06/2006 03:00:00,16.23,91.86,0.00,-0.00,0.00,366.32,1.98,126,101620  
19/06/2006 04:00:00,16.24,90.23,0.00,-0.00,0.00,364.33,1.92,134,101617  
19/06/2006 05:00:00,16.25,88.61,16.00,0.00,16.00,362.35,1.86,142,101613  
19/06/2006 06:00:00,16.54,81.03,49.00,0.00,49.00,356.72,1.85,126,101627  
19/06/2006 07:00:00,16.82,73.46,126.00,0.00,126.00,351.08,1.83,110,101640  
19/06/2006 08:00:00,17.10,65.88,205.00,3.27,203.00,345.45,1.82,94,101653  
19/06/2006 09:00:00,17.21,62.55,280.00,6.77,275.00,346.08,2.31,93,101637  
19/06/2006 10:00:00,17.32,59.22,156.00,0.00,156.00,346.72,2.80,92,101620  
19/06/2006 11:00:00,17.42,55.89,222.00,0.00,222.00,347.35,3.30,90,101603  
19/06/2006 12:00:00,17.51,55.72,555.00,109.28,455.00,343.48,3.54,87,101607  
19/06/2006 13:00:00,17.60,55.54,394.00,19.07,377.00,339.62,3.77,84,101610  
19/06/2006 14:00:00,17.69,55.37,805.00,727.72,203.00,335.75,4.01,80,101613  
19/06/2006 15:00:00,17.51,57.27,451.00,133.53,354.00,332.88,4.26,83,101590  
19/06/2006 16:00:00,17.34,59.16,449.00,317.11,260.00,330.02,4.50,85,101567  
19/06/2006 17:00:00,17.16,61.06,388.00,586.72,127.00,327.15,4.74,88,101543  
19/06/2006 18:00:00,16.79,66.68,232.00,540.13,79.00,326.18,4.41,90,101567  
19/06/2006 19:00:00,16.42,72.30,79.00,327.13,39.00,325.22,4.07,93,101590  
19/06/2006 20:00:00,16.05,77.92,0.00,-0.00,0.00,324.25,3.74,96,101613  
19/06/2006 21:00:00,15.94,80.79,0.00,-0.00,0.00,323.38,3.45,96,101607  
19/06/2006 22:00:00,15.84,83.65,0.00,-0.00,0.00,322.52,3.17,96,101600  
19/06/2006 23:00:00,15.73,86.52,0.00,-0.00,0.00,321.65,2.88,96,101593

20/06/2006 00:00:00,15.97,84.71,0.00,-0.00,0.00,325.17,2.93,87,101580  
20/06/2006 01:00:00,16.21,82.90,0.00,-0.00,0.00,328.68,2.98,79,101567  
20/06/2006 02:00:00,16.44,81.09,0.00,-0.00,0.00,332.20,3.03,70,101553  
20/06/2006 03:00:00,16.67,79.91,0.00,-0.00,0.00,337.77,3.40,67,101540  
20/06/2006 04:00:00,16.90,78.72,0.00,-0.00,0.00,343.33,3.76,65,101527  
20/06/2006 05:00:00,17.12,77.54,16.00,0.00,16.00,348.90,4.12,62,101513  
20/06/2006 06:00:00,17.46,75.39,67.00,0.00,67.00,348.50,4.53,62,101523  
20/06/2006 07:00:00,17.80,73.24,70.00,0.00,70.00,348.10,4.93,62,101533  
20/06/2006 08:00:00,18.14,71.09,240.00,11.47,233.00,347.70,5.34,62,101543  
20/06/2006 09:00:00,18.20,70.29,197.00,0.00,197.00,349.20,5.72,62,101533  
20/06/2006 10:00:00,18.27,69.48,151.00,0.00,151.00,350.70,6.10,62,101523  
20/06/2006 11:00:00,18.33,68.68,167.00,0.00,167.00,352.20,6.48,62,101513  
20/06/2006 12:00:00,18.21,70.31,139.00,0.00,139.00,359.52,6.66,64,101500  
20/06/2006 13:00:00,18.08,71.93,90.00,0.00,90.00,366.83,6.83,67,101487  
20/06/2006 14:00:00,17.96,73.56,149.00,0.00,149.00,374.15,7.01,70,101473  
20/06/2006 15:00:00,17.88,74.20,137.00,0.00,137.00,372.37,6.62,73,101453  
20/06/2006 16:00:00,17.79,74.84,239.00,13.41,231.00,370.58,6.23,76,101434  
20/06/2006 17:00:00,17.71,75.48,172.00,15.71,165.00,368.80,5.83,79,101414  
20/06/2006 18:00:00,17.33,76.14,166.00,158.51,121.00,368.50,5.20,86,101447  
20/06/2006 19:00:00,16.95,76.81,78.00,309.21,40.00,368.20,4.57,92,101480  
20/06/2006 20:00:00,16.57,77.47,0.00,-0.00,0.00,367.90,3.93,99,101513  
20/06/2006 21:00:00,16.27,76.69,0.00,-0.00,0.00,367.83,3.66,105,101537  
20/06/2006 22:00:00,15.98,75.92,0.00,-0.00,0.00,367.77,3.38,111,101560  
20/06/2006 23:00:00,15.68,75.14,0.00,-0.00,0.00,367.70,3.10,117,101583  
21/06/2006 00:00:00,15.40,75.45,0.00,-0.00,0.00,369.15,3.13,120,101600  
21/06/2006 01:00:00,15.12,75.77,0.00,-0.00,0.00,370.60,3.15,123,101617  
21/06/2006 02:00:00,14.83,76.08,0.00,-0.00,0.00,372.05,3.17,126,101633  
21/06/2006 03:00:00,14.86,75.63,0.00,-0.00,0.00,373.42,3.12,127,101647  
21/06/2006 04:00:00,14.89,75.18,0.00,-0.00,0.00,374.78,3.07,128,101660  
21/06/2006 05:00:00,14.91,74.73,35.00,7.25,34.00,376.15,3.02,129,101673  
21/06/2006 06:00:00,15.16,71.00,113.00,20.04,107.00,376.10,3.19,125,101700  
21/06/2006 07:00:00,15.41,67.28,152.00,4.34,150.00,376.05,3.35,121,101726  
21/06/2006 08:00:00,15.66,63.55,315.00,62.30,277.00,376.00,3.52,117,101753  
21/06/2006 09:00:00,15.82,61.45,288.00,9.49,281.00,374.70,3.51,115,101750  
21/06/2006 10:00:00,15.98,59.36,278.00,1.20,277.00,373.40,3.50,112,101746  
21/06/2006 11:00:00,16.15,57.26,436.00,35.72,404.00,372.10,3.49,110,101743  
21/06/2006 12:00:00,16.49,54.88,407.00,19.67,389.00,366.25,3.58,110,101740  
21/06/2006 13:00:00,16.83,52.51,514.00,86.33,437.00,360.40,3.66,109,101736  
21/06/2006 14:00:00,17.17,50.13,384.00,27.78,361.00,354.55,3.75,109,101733  
21/06/2006 15:00:00,17.24,50.55,420.00,96.25,350.00,351.30,3.62,114,101706  
21/06/2006 16:00:00,17.32,50.96,388.00,175.87,283.00,348.05,3.49,118,101680  
21/06/2006 17:00:00,17.39,51.38,238.00,85.20,200.00,344.80,3.35,123,101653  
21/06/2006 18:00:00,17.17,57.58,234.00,551.93,77.00,343.03,3.04,125,101676  
21/06/2006 19:00:00,16.94,63.77,73.00,243.06,43.00,341.27,2.73,127,101700  
21/06/2006 20:00:00,16.72,69.97,0.00,-0.00,0.00,339.50,2.41,130,101723  
21/06/2006 21:00:00,16.53,74.19,0.00,-0.00,0.00,333.93,2.58,142,101720  
21/06/2006 22:00:00,16.35,78.41,0.00,-0.00,0.00,328.37,2.74,153,101716  
21/06/2006 23:00:00,16.16,82.63,0.00,-0.00,0.00,322.80,2.91,165,101713  
22/06/2006 00:00:00,16.04,83.93,0.00,-0.00,0.00,336.02,2.79,178,101710  
22/06/2006 01:00:00,15.92,85.22,0.00,-0.00,0.00,349.23,2.67,190,101706

22/06/2006 02:00:00,15.80,86.52,0.00,-0.00,0.00,362.45,2.55,203,101703  
22/06/2006 03:00:00,15.91,84.22,0.00,-0.00,0.00,364.08,2.50,215,101693  
22/06/2006 04:00:00,16.02,81.91,0.00,-0.00,0.00,365.72,2.45,228,101683  
22/06/2006 05:00:00,16.12,79.61,88.00,313.44,45.00,367.35,2.40,240,101673  
22/06/2006 06:00:00,16.68,72.48,243.00,518.88,88.00,358.85,2.26,253,101676  
22/06/2006 07:00:00,17.24,65.36,427.00,719.91,96.00,350.35,2.12,266,101680  
22/06/2006 08:00:00,17.80,58.23,593.00,784.38,115.00,341.85,1.99,279,101683  
22/06/2006 09:00:00,18.15,55.36,727.00,783.87,149.00,335.45,1.92,269,101650  
22/06/2006 10:00:00,18.51,52.49,855.00,865.89,132.00,329.05,1.86,260,101617  
22/06/2006 11:00:00,18.86,49.62,908.00,822.93,171.00,322.65,1.79,250,101583  
22/06/2006 12:00:00,19.27,48.01,921.00,797.79,191.00,324.38,1.90,247,101537  
22/06/2006 13:00:00,19.67,46.41,894.00,791.47,188.00,326.12,2.00,244,101490  
22/06/2006 14:00:00,20.07,44.80,801.00,712.49,211.00,327.85,2.11,241,101444  
22/06/2006 15:00:00,20.24,45.37,700.00,721.53,175.00,331.27,2.19,236,101394  
22/06/2006 16:00:00,20.42,45.94,566.00,721.40,135.00,334.68,2.28,231,101344  
22/06/2006 17:00:00,20.59,46.51,365.00,470.37,155.00,338.10,2.36,226,101294  
22/06/2006 18:00:00,20.24,52.50,216.00,414.14,98.00,340.27,2.55,221,101294  
22/06/2006 19:00:00,19.88,58.49,73.00,242.20,43.00,342.43,2.74,216,101294  
22/06/2006 20:00:00,19.53,64.48,0.00,-0.00,0.00,344.60,2.92,211,101294  
22/06/2006 21:00:00,19.26,65.46,0.00,-0.00,0.00,345.42,2.84,217,101267  
22/06/2006 22:00:00,18.98,66.44,0.00,-0.00,0.00,346.23,2.76,224,101240  
22/06/2006 23:00:00,18.71,67.42,0.00,-0.00,0.00,347.05,2.68,231,101214  
23/06/2006 00:00:00,18.53,68.87,0.00,-0.00,0.00,347.90,2.53,232,101194  
23/06/2006 01:00:00,18.34,70.31,0.00,-0.00,0.00,348.75,2.38,233,101174  
23/06/2006 02:00:00,18.15,71.76,0.00,-0.00,0.00,349.60,2.23,233,101154  
23/06/2006 03:00:00,18.09,71.60,0.00,-0.00,0.00,351.55,2.14,234,101144  
23/06/2006 04:00:00,18.02,71.45,0.00,-0.00,0.00,353.50,2.04,236,101134  
23/06/2006 05:00:00,17.95,71.29,46.00,21.99,43.00,355.45,1.94,237,101124  
23/06/2006 06:00:00,18.38,67.89,131.00,43.63,118.00,355.47,1.66,238,101127  
23/06/2006 07:00:00,18.80,64.49,37.00,0.00,37.00,355.48,1.38,238,101131  
23/06/2006 08:00:00,19.23,61.09,71.00,0.00,71.00,355.50,1.10,239,101134  
23/06/2006 09:00:00,19.36,57.65,65.00,0.00,65.00,355.20,1.18,298,101121  
23/06/2006 10:00:00,19.50,54.21,76.00,0.00,76.00,354.90,1.25,357,101107  
23/06/2006 11:00:00,19.65,50.77,98.00,0.00,98.00,354.60,1.32,56,101094  
23/06/2006 12:00:00,19.54,53.17,263.00,0.00,263.00,357.15,1.94,52,101097  
23/06/2006 13:00:00,19.43,55.56,104.00,0.00,104.00,359.70,2.57,49,101101  
23/06/2006 14:00:00,19.32,57.96,109.00,0.00,109.00,362.25,3.19,45,101104  
23/06/2006 15:00:00,19.06,59.59,373.00,53.58,334.00,358.07,3.47,51,101081  
23/06/2006 16:00:00,18.79,61.23,261.00,25.09,246.00,353.88,3.76,57,101057  
23/06/2006 17:00:00,18.53,62.86,132.00,0.00,132.00,349.70,4.04,63,101034  
23/06/2006 18:00:00,18.21,66.81,46.00,0.00,46.00,348.93,3.89,68,101057  
23/06/2006 19:00:00,17.90,70.77,15.00,0.00,15.00,348.17,3.74,73,101081  
23/06/2006 20:00:00,17.58,74.72,0.00,-0.00,0.00,347.40,3.59,78,101104  
23/06/2006 21:00:00,17.48,78.16,0.00,-0.00,0.00,348.62,3.10,78,101081  
23/06/2006 22:00:00,17.38,81.59,0.00,-0.00,0.00,349.83,2.62,78,101057  
23/06/2006 23:00:00,17.28,85.03,0.00,-0.00,0.00,351.05,2.14,78,101034  
24/06/2006 00:00:00,17.34,87.24,0.00,-0.00,0.00,359.30,2.57,67,101021  
24/06/2006 01:00:00,17.40,89.45,0.00,-0.00,0.00,367.55,3.01,56,101008  
24/06/2006 02:00:00,17.46,91.66,0.00,-0.00,0.00,375.80,3.45,45,100994  
24/06/2006 03:00:00,17.51,91.10,0.00,-0.00,0.00,371.80,3.45,50,100988

24/06/2006 04:00:00,17.56,90.55,0.00,-0.00,0.00,367.80,3.45,55,100981  
24/06/2006 05:00:00,17.60,89.99,13.00,0.00,13.00,363.80,3.45,60,100974  
24/06/2006 06:00:00,17.82,85.65,27.00,0.00,27.00,364.95,3.47,61,100998  
24/06/2006 07:00:00,18.04,81.31,271.00,133.10,210.00,366.10,3.49,62,101021  
24/06/2006 08:00:00,18.26,76.97,264.00,23.02,250.00,367.25,3.50,63,101044  
24/06/2006 09:00:00,18.29,73.24,157.00,0.00,157.00,366.07,3.95,63,101041  
24/06/2006 10:00:00,18.31,69.52,134.00,0.00,134.00,364.88,4.40,62,101037  
24/06/2006 11:00:00,18.33,65.79,181.00,0.00,181.00,363.70,4.84,62,101034  
24/06/2006 12:00:00,18.33,66.43,132.00,0.00,132.00,365.15,5.26,68,101037  
24/06/2006 13:00:00,18.32,67.08,82.00,0.00,82.00,366.60,5.69,74,101041  
24/06/2006 14:00:00,18.32,67.72,168.00,0.00,168.00,368.05,6.11,80,101044  
24/06/2006 15:00:00,18.31,66.98,268.00,5.49,264.00,364.55,5.98,81,101047  
24/06/2006 16:00:00,18.30,66.25,283.00,40.13,259.00,361.05,5.84,82,101051  
24/06/2006 17:00:00,18.29,65.51,223.00,62.62,195.00,357.55,5.71,83,101054  
24/06/2006 18:00:00,18.04,67.27,73.00,0.00,73.00,358.97,5.18,82,101097  
24/06/2006 19:00:00,17.80,69.03,43.00,32.14,39.00,360.38,4.64,81,101141  
24/06/2006 20:00:00,17.55,70.79,0.00,-0.00,0.00,361.80,4.11,79,101184  
24/06/2006 21:00:00,17.43,73.32,0.00,-0.00,0.00,359.78,3.79,77,101197  
24/06/2006 22:00:00,17.30,75.86,0.00,-0.00,0.00,357.77,3.48,75,101211  
24/06/2006 23:00:00,17.18,78.39,0.00,-0.00,0.00,355.75,3.16,73,101224  
25/06/2006 00:00:00,17.15,82.85,0.00,-0.00,0.00,356.65,2.98,68,101250  
25/06/2006 01:00:00,17.11,87.31,0.00,-0.00,0.00,357.55,2.80,64,101277  
25/06/2006 02:00:00,17.07,91.77,0.00,-0.00,0.00,358.45,2.62,60,101304  
25/06/2006 03:00:00,16.95,90.94,0.00,-0.00,0.00,355.48,2.81,58,101320  
25/06/2006 04:00:00,16.82,90.10,0.00,-0.00,0.00,352.52,3.00,56,101337  
25/06/2006 05:00:00,16.69,89.27,52.80,116.58,37.10,349.55,3.19,54,101354  
25/06/2006 06:00:00,16.87,83.49,173.05,257.40,96.80,350.03,3.44,57,101380  
25/06/2006 07:00:00,17.05,77.72,323.80,394.15,143.50,350.52,3.70,60,101407  
25/06/2006 08:00:00,17.23,71.94,460.60,437.76,194.75,351.00,3.96,64,101434  
25/06/2006 09:00:00,17.25,68.68,540.30,404.69,242.60,353.45,4.12,65,101444  
25/06/2006 10:00:00,17.28,65.43,668.50,500.58,251.20,355.90,4.29,66,101453  
25/06/2006 11:00:00,17.31,62.17,625.95,432.90,238.65,358.35,4.46,67,101463  
25/06/2006 12:00:00,17.42,60.11,695.80,405.11,325.30,361.70,4.49,68,101477  
25/06/2006 13:00:00,17.53,58.05,679.65,445.81,282.00,365.05,4.52,69,101490  
25/06/2006 14:00:00,17.65,55.99,611.80,417.96,265.55,368.40,4.55,70,101503  
25/06/2006 15:00:00,17.37,57.89,560.35,462.74,223.35,372.02,4.46,75,101507  
25/06/2006 16:00:00,17.09,59.80,463.60,449.10,194.90,375.63,4.36,79,101510  
25/06/2006 17:00:00,16.81,61.70,319.55,388.58,145.70,379.25,4.26,84,101513  
25/06/2006 18:00:00,16.42,66.58,171.05,255.92,97.90,375.32,3.60,89,101550  
25/06/2006 19:00:00,16.02,71.46,54.50,129.58,38.35,371.38,2.93,93,101587  
25/06/2006 20:00:00,15.63,76.34,0.00,-0.00,0.00,367.45,2.26,98,101623  
25/06/2006 21:00:00,15.45,80.53,0.00,-0.00,0.00,366.28,2.16,100,101637  
25/06/2006 22:00:00,15.26,84.71,0.00,-0.00,0.00,365.12,2.05,103,101650  
25/06/2006 23:00:00,15.08,88.90,0.00,-0.00,0.00,363.95,1.94,105,101663  
26/06/2006 00:00:00,15.26,90.03,0.00,-0.00,0.00,369.25,1.85,105,101676  
26/06/2006 01:00:00,15.44,91.17,0.00,-0.00,0.00,374.55,1.76,105,101690  
26/06/2006 02:00:00,15.61,92.30,0.00,-0.00,0.00,379.85,1.67,105,101703  
26/06/2006 03:00:00,15.64,90.97,0.00,-0.00,0.00,379.10,1.73,114,101706  
26/06/2006 04:00:00,15.66,89.65,0.00,-0.00,0.00,378.35,1.80,123,101710  
26/06/2006 05:00:00,15.68,88.32,87.00,321.70,44.00,377.60,1.86,131,101713

26/06/2006 06:00:00,15.99,79.57,243.00,545.30,82.00,374.07,1.54,128,101733  
26/06/2006 07:00:00,16.30,70.82,423.00,718.48,95.00,370.53,1.21,124,101753  
26/06/2006 08:00:00,16.61,62.07,561.00,659.54,161.00,367.00,0.88,120,101773  
26/06/2006 09:00:00,16.78,58.24,660.00,567.41,243.00,369.68,1.24,108,101766  
26/06/2006 10:00:00,16.95,54.41,636.00,297.69,388.00,372.37,1.59,96,101760  
26/06/2006 11:00:00,17.11,50.58,751.00,420.45,375.00,375.05,1.94,84,101753  
26/06/2006 12:00:00,17.42,49.99,662.00,235.15,447.00,361.35,2.22,91,101750  
26/06/2006 13:00:00,17.72,49.41,783.00,496.71,340.00,347.65,2.50,99,101746  
26/06/2006 14:00:00,18.02,48.82,732.00,519.05,302.00,333.95,2.77,106,101743  
26/06/2006 15:00:00,17.99,50.10,693.00,694.71,187.00,332.32,2.83,109,101723  
26/06/2006 16:00:00,17.95,51.38,568.00,721.87,136.00,330.68,2.88,111,101703  
26/06/2006 17:00:00,17.92,52.66,409.00,685.95,102.00,329.05,2.94,114,101683  
26/06/2006 18:00:00,17.59,59.73,235.00,545.51,79.00,327.42,2.86,116,101703  
26/06/2006 19:00:00,17.27,66.79,71.00,208.50,45.00,325.78,2.78,118,101723  
26/06/2006 20:00:00,16.94,73.86,0.00,-0.00,0.00,324.15,2.70,120,101743  
26/06/2006 21:00:00,16.78,78.63,0.00,-0.00,0.00,324.38,2.63,126,101736  
26/06/2006 22:00:00,16.62,83.39,0.00,-0.00,0.00,324.62,2.56,133,101730  
26/06/2006 23:00:00,16.46,88.16,0.00,-0.00,0.00,324.85,2.48,139,101723  
27/06/2006 00:00:00,16.50,89.96,0.00,-0.00,0.00,325.18,2.44,145,101706  
27/06/2006 01:00:00,16.54,91.77,0.00,-0.00,0.00,325.52,2.39,151,101690  
27/06/2006 02:00:00,16.57,93.57,0.00,-0.00,0.00,325.85,2.34,156,101673  
27/06/2006 03:00:00,16.64,91.55,0.00,-0.00,0.00,326.77,2.45,158,101663  
27/06/2006 04:00:00,16.70,89.52,0.00,-0.00,0.00,327.68,2.55,160,101653  
27/06/2006 05:00:00,16.76,87.50,81.00,264.00,46.00,328.60,2.65,162,101643  
27/06/2006 06:00:00,17.26,78.98,233.00,475.87,93.00,329.38,2.47,155,101666  
27/06/2006 07:00:00,17.76,70.45,411.00,654.17,113.00,330.17,2.29,148,101690  
27/06/2006 08:00:00,18.25,61.93,588.00,781.03,115.00,330.95,2.11,141,101713  
27/06/2006 09:00:00,18.46,57.56,735.00,826.78,128.00,331.43,2.25,128,101690  
27/06/2006 10:00:00,18.67,53.18,843.00,833.66,149.00,331.92,2.40,115,101666  
27/06/2006 11:00:00,18.88,48.81,730.00,379.27,391.00,332.40,2.54,102,101643  
27/06/2006 12:00:00,19.13,47.73,739.00,363.23,407.00,332.15,2.65,98,101637  
27/06/2006 13:00:00,19.38,46.66,823.00,594.37,293.00,331.90,2.76,95,101630  
27/06/2006 14:00:00,19.64,45.58,686.00,409.23,347.00,331.65,2.87,92,101623  
27/06/2006 15:00:00,19.56,47.08,728.00,825.11,127.00,331.90,3.29,97,101610  
27/06/2006 16:00:00,19.49,48.59,571.00,736.82,130.00,332.15,3.71,102,101597  
27/06/2006 17:00:00,19.41,50.09,404.00,661.25,108.00,332.40,4.14,107,101583  
27/06/2006 18:00:00,19.09,56.14,224.00,458.02,93.00,331.48,3.92,109,101610  
27/06/2006 19:00:00,18.78,62.20,68.00,176.46,46.00,330.57,3.70,111,101637  
27/06/2006 20:00:00,18.46,68.25,0.00,-0.00,0.00,329.65,3.48,113,101663  
27/06/2006 21:00:00,18.25,72.94,0.00,-0.00,0.00,329.30,3.17,117,101676  
27/06/2006 22:00:00,18.04,77.63,0.00,-0.00,0.00,328.95,2.86,121,101690  
27/06/2006 23:00:00,17.83,82.32,0.00,-0.00,0.00,328.60,2.55,126,101703  
28/06/2006 00:00:00,17.76,84.05,0.00,-0.00,0.00,328.52,2.55,115,101710  
28/06/2006 01:00:00,17.69,85.79,0.00,-0.00,0.00,328.43,2.55,105,101716  
28/06/2006 02:00:00,17.62,87.52,0.00,-0.00,0.00,328.35,2.55,95,101723  
28/06/2006 03:00:00,17.59,87.37,0.00,-0.00,0.00,328.45,2.53,92,101733  
28/06/2006 04:00:00,17.56,87.21,0.00,-0.00,0.00,328.55,2.51,88,101743  
28/06/2006 05:00:00,17.53,87.06,66.00,129.37,49.00,328.65,2.48,84,101753  
28/06/2006 06:00:00,17.87,80.53,199.00,276.38,118.00,329.27,2.50,82,101780  
28/06/2006 07:00:00,18.21,74.01,392.00,558.86,138.00,329.88,2.51,80,101806

28/06/2006 08:00:00,18.56,67.48,571.00,711.13,141.00,330.50,2.52,78,101833  
28/06/2006 09:00:00,18.56,63.55,734.00,826.32,128.00,330.85,2.82,74,101823  
28/06/2006 10:00:00,18.57,59.63,838.00,817.48,158.00,331.20,3.11,71,101813  
28/06/2006 11:00:00,18.58,55.70,790.00,508.21,336.00,331.55,3.41,68,101803  
28/06/2006 12:00:00,18.90,55.22,852.00,611.82,293.00,333.00,3.28,70,101810  
28/06/2006 13:00:00,19.22,54.74,828.00,606.85,287.00,334.45,3.16,72,101816  
28/06/2006 14:00:00,19.54,54.26,714.00,473.27,322.00,335.90,3.03,74,101823  
28/06/2006 15:00:00,19.48,55.58,721.00,794.94,142.00,334.55,3.22,79,101830  
28/06/2006 16:00:00,19.41,56.90,565.00,708.41,141.00,333.20,3.41,84,101836  
28/06/2006 17:00:00,19.35,58.22,393.00,600.93,124.00,331.85,3.60,89,101843  
28/06/2006 18:00:00,19.06,63.00,211.00,374.16,104.00,330.58,3.40,93,101876  
28/06/2006 19:00:00,18.77,67.77,64.00,144.52,46.00,329.32,3.20,97,101909  
28/06/2006 20:00:00,18.48,72.55,0.00,-0.00,0.00,328.05,2.99,100,101943  
28/06/2006 21:00:00,18.31,76.91,0.00,-0.00,0.00,327.07,2.73,103,101949  
28/06/2006 22:00:00,18.14,81.28,0.00,-0.00,0.00,326.08,2.47,106,101956  
28/06/2006 23:00:00,17.97,85.64,0.00,-0.00,0.00,325.10,2.21,109,101963  
29/06/2006 00:00:00,18.02,86.65,0.00,-0.00,0.00,325.23,2.29,102,101966  
29/06/2006 01:00:00,18.07,87.66,0.00,-0.00,0.00,325.37,2.38,96,101969  
29/06/2006 02:00:00,18.11,88.67,0.00,-0.00,0.00,325.50,2.47,90,101973  
29/06/2006 03:00:00,18.11,87.74,0.00,-0.00,0.00,325.13,2.26,90,101983  
29/06/2006 04:00:00,18.11,86.80,0.00,-0.00,0.00,324.77,2.06,89,101993  
29/06/2006 05:00:00,18.11,85.87,52.00,46.10,46.00,324.40,1.85,89,102003  
29/06/2006 06:00:00,18.53,79.59,204.00,311.78,113.00,325.02,1.62,91,102029  
29/06/2006 07:00:00,18.95,73.31,390.00,558.03,137.00,325.63,1.40,93,102056  
29/06/2006 08:00:00,19.38,67.03,561.00,670.89,156.00,326.25,1.17,95,102083  
29/06/2006 09:00:00,19.56,62.66,721.00,780.86,149.00,326.78,1.14,86,102073  
29/06/2006 10:00:00,19.74,58.29,850.00,865.09,131.00,327.32,1.12,77,102063  
29/06/2006 11:00:00,19.92,53.92,739.00,398.75,383.00,327.85,1.09,68,102053  
29/06/2006 12:00:00,20.15,52.92,728.00,343.82,414.00,328.47,1.15,77,102039  
29/06/2006 13:00:00,20.39,51.92,653.00,247.97,432.00,329.08,1.21,86,102026  
29/06/2006 14:00:00,20.63,50.92,728.00,507.18,308.00,329.70,1.27,95,102013  
29/06/2006 15:00:00,20.62,51.25,480.00,173.02,354.00,329.30,1.49,109,101999  
29/06/2006 16:00:00,20.60,51.59,483.00,409.39,238.00,328.90,1.70,122,101986  
29/06/2006 17:00:00,20.59,51.92,391.00,589.87,127.00,328.50,1.92,136,101973  
29/06/2006 18:00:00,20.38,58.35,212.00,381.32,103.00,329.22,2.11,144,101979  
29/06/2006 19:00:00,20.18,64.78,62.00,128.68,46.00,329.93,2.31,153,101986  
29/06/2006 20:00:00,19.97,71.21,0.00,-0.00,0.00,330.65,2.51,161,101993  
29/06/2006 21:00:00,19.83,74.60,0.00,-0.00,0.00,332.25,2.79,180,101983  
29/06/2006 22:00:00,19.69,77.99,0.00,-0.00,0.00,333.85,3.07,198,101973  
29/06/2006 23:00:00,19.55,81.38,0.00,-0.00,0.00,335.45,3.35,216,101963  
30/06/2006 00:00:00,19.56,79.28,0.00,-0.00,0.00,336.00,3.25,227,101949  
30/06/2006 01:00:00,19.56,77.17,0.00,-0.00,0.00,336.55,3.15,237,101936  
30/06/2006 02:00:00,19.57,75.07,0.00,-0.00,0.00,337.10,3.05,248,101923  
30/06/2006 03:00:00,19.63,73.68,0.00,-0.00,0.00,337.05,3.20,251,101916  
30/06/2006 04:00:00,19.69,72.29,0.00,-0.00,0.00,337.00,3.34,254,101909  
30/06/2006 05:00:00,19.76,70.90,59.00,93.14,47.00,336.95,3.49,258,101903  
30/06/2006 06:00:00,20.31,66.05,229.00,478.31,90.00,337.85,3.70,260,101893  
30/06/2006 07:00:00,20.86,61.20,388.00,568.32,131.00,338.75,3.91,261,101883  
30/06/2006 08:00:00,21.42,56.35,549.00,642.18,162.00,339.65,4.12,263,101873  
30/06/2006 09:00:00,21.76,51.80,687.00,679.32,190.00,341.73,4.03,265,101830

30/06/2006 10:00:00,22.10,47.24,816.00,769.53,177.00,343.82,3.94,267,101786  
30/06/2006 11:00:00,22.44,42.69,877.00,757.69,201.00,345.90,3.85,270,101743  
30/06/2006 12:00:00,23.22,40.57,881.00,705.50,237.00,346.78,3.74,269,101686  
30/06/2006 13:00:00,23.99,38.46,817.00,591.54,290.00,347.67,3.64,269,101630  
30/06/2006 14:00:00,24.77,36.34,718.00,494.03,309.00,348.55,3.53,269,101573  
30/06/2006 15:00:00,24.40,38.40,644.00,550.75,243.00,351.63,2.98,259,101553  
30/06/2006 16:00:00,23.31,43.48,449.00,317.56,259.00,356.87,2.48,250,101533  
30/06/2006 17:00:00,23.05,47.22,336.00,350.92,179.00,358.28,2.51,240,101513  
30/06/2006 18:00:00,22.79,50.96,189.00,259.08,115.00,359.68,2.54,239,101510  
30/06/2006 19:00:00,22.53,54.70,10.00,0.00,10.00,361.08,2.57,238,101507  
30/06/2006 20:00:00,22.27,58.44,0.00,-0.00,0.00,362.48,2.60,237,101503  
30/06/2006 21:00:00,22.01,62.18,0.00,-0.00,0.00,363.88,2.63,244,101493  
30/06/2006 22:00:00,21.75,65.93,0.00,-0.00,0.00,365.29,2.66,251,101483  
30/06/2006 23:00:00,21.49,69.67,0.00,-0.00,0.00,366.69,2.69,257,101473  
01/07/2009 00:00:00,21.23,73.41,0.00,-0.00,0.00,368.09,2.71,205,101886  
01/07/2009 01:00:00,20.97,77.15,0.00,-0.00,0.00,369.49,2.74,210,101870  
01/07/2009 02:00:00,20.71,80.89,0.00,-0.00,0.00,370.89,2.77,214,101853  
01/07/2009 03:00:00,20.45,84.64,0.00,-0.00,0.00,372.30,2.80,220,101843  
01/07/2009 04:00:00,20.19,88.38,0.00,-0.00,0.00,373.70,2.83,226,101833  
01/07/2009 05:00:00,19.93,92.12,81.00,287.19,44.00,375.10,2.86,232,101823  
01/07/2009 06:00:00,19.67,95.86,236.00,523.04,84.00,376.50,2.89,237,101830  
01/07/2009 07:00:00,19.41,99.60,406.00,654.56,110.00,377.90,2.92,242,101836  
01/07/2009 08:00:00,21.20,69.58,598.00,852.93,84.00,373.40,2.44,247,101843  
01/07/2009 09:00:00,21.52,67.56,737.00,854.27,112.00,373.83,2.28,247,101836  
01/07/2009 10:00:00,21.84,65.55,859.00,909.22,104.00,374.27,2.12,247,101830  
01/07/2009 11:00:00,22.17,63.53,925.00,900.03,122.00,374.70,1.96,247,101823  
01/07/2009 12:00:00,23.23,57.71,874.00,679.21,254.00,375.37,1.85,244,101780  
01/07/2009 13:00:00,24.30,51.90,845.00,661.13,256.00,376.03,1.74,240,101736  
01/07/2009 14:00:00,25.37,46.08,449.00,67.64,393.00,376.70,1.63,236,101693  
01/07/2009 15:00:00,24.67,46.91,164.00,0.00,164.00,377.58,1.64,223,101666  
01/07/2009 16:00:00,23.97,47.73,61.00,0.00,61.00,378.47,1.66,210,101640  
01/07/2009 17:00:00,23.27,48.56,43.00,0.00,43.00,379.35,1.67,196,101613  
01/07/2009 18:00:00,22.66,55.62,65.00,0.00,65.00,380.32,1.92,200,101617  
01/07/2009 19:00:00,22.05,62.68,53.00,72.57,44.00,381.28,2.17,204,101620  
01/07/2009 20:00:00,21.45,69.74,0.00,-0.00,0.00,382.25,2.41,207,101623  
01/07/2009 21:00:00,21.21,71.78,0.00,-0.00,0.00,383.12,2.30,212,101617  
01/07/2009 22:00:00,20.98,73.83,0.00,-0.00,0.00,383.98,2.19,216,101610  
01/07/2009 23:00:00,20.74,75.87,0.00,-0.00,0.00,384.85,2.08,221,101603  
02/07/2009 00:00:00,20.83,76.34,0.00,-0.00,0.00,383.10,2.20,235,101570  
02/07/2009 01:00:00,20.91,76.80,0.00,-0.00,0.00,381.35,2.31,250,101537  
02/07/2009 02:00:00,20.99,77.27,0.00,-0.00,0.00,379.60,2.43,264,101503  
02/07/2009 03:00:00,21.00,77.42,0.00,-0.00,0.00,381.30,1.94,276,101497  
02/07/2009 04:00:00,21.02,77.57,0.00,-0.00,0.00,383.00,1.44,287,101490  
02/07/2009 05:00:00,21.04,77.72,11.00,0.00,11.00,384.70,0.95,299,101483  
02/07/2009 06:00:00,20.89,74.23,21.00,0.00,21.00,385.52,1.42,348,101497  
02/07/2009 07:00:00,20.75,70.73,48.00,0.00,48.00,386.33,1.89,36,101510  
02/07/2009 08:00:00,20.61,67.24,66.00,0.00,66.00,387.15,2.36,85,101523  
02/07/2009 09:00:00,20.44,71.11,138.00,0.00,138.00,389.93,2.94,87,101523  
02/07/2009 10:00:00,20.28,74.97,75.00,0.00,75.00,392.72,3.52,90,101523  
02/07/2009 11:00:00,20.11,78.84,106.00,0.00,106.00,395.50,4.10,93,101523



02/07/2009 12:00:00,19.98,77.26,675.00,259.77,438.00,390.35,4.50,92,101540  
02/07/2009 13:00:00,19.85,75.67,948.00,984.81,71.00,385.20,4.91,91,101557  
02/07/2009 14:00:00,19.72,74.09,801.00,722.56,203.00,380.05,5.31,90,101573  
02/07/2009 15:00:00,19.37,74.90,344.00,34.35,319.00,384.68,5.31,93,101563  
02/07/2009 16:00:00,19.02,75.71,491.00,438.05,229.00,389.32,5.30,96,101553  
02/07/2009 17:00:00,18.67,76.52,224.00,64.85,195.00,393.95,5.30,99,101543  
02/07/2009 18:00:00,18.22,78.45,205.00,343.47,107.00,393.57,4.92,100,101567  
02/07/2009 19:00:00,17.76,80.37,44.00,32.36,40.00,393.18,4.55,101,101590  
02/07/2009 20:00:00,17.31,82.30,0.00,-0.00,0.00,392.80,4.18,102,101613  
02/07/2009 21:00:00,17.13,83.54,0.00,-0.00,0.00,392.50,3.98,102,101620  
02/07/2009 22:00:00,16.95,84.77,0.00,-0.00,0.00,392.20,3.77,102,101627  
02/07/2009 23:00:00,16.77,86.01,0.00,-0.00,0.00,391.90,3.57,102,101633  
03/07/2009 00:00:00,16.86,87.57,0.00,-0.00,0.00,388.83,3.05,100,101610  
03/07/2009 01:00:00,16.96,89.12,0.00,-0.00,0.00,385.77,2.53,98,101587  
03/07/2009 02:00:00,17.05,90.68,0.00,-0.00,0.00,382.70,2.01,96,101563  
03/07/2009 03:00:00,17.10,89.25,0.00,-0.00,0.00,385.90,2.21,101,101577  
03/07/2009 04:00:00,17.16,87.82,0.00,-0.00,0.00,389.10,2.40,106,101590  
03/07/2009 05:00:00,17.22,86.39,76.00,254.06,44.00,392.30,2.59,110,101603  
03/07/2009 06:00:00,17.55,80.16,180.00,208.43,120.00,388.73,2.40,110,101617  
03/07/2009 07:00:00,17.88,73.93,393.00,598.20,124.00,385.17,2.20,109,101630  
03/07/2009 08:00:00,18.22,67.70,545.00,629.62,167.00,381.60,2.00,109,101643  
03/07/2009 09:00:00,18.47,63.27,569.00,341.26,320.00,381.68,2.16,105,101617  
03/07/2009 10:00:00,18.72,58.83,481.00,94.12,403.00,381.77,2.31,101,101590  
03/07/2009 11:00:00,18.98,54.40,614.00,195.32,440.00,381.85,2.47,97,101563  
03/07/2009 12:00:00,19.28,53.39,719.00,332.31,416.00,373.22,2.61,100,101533  
03/07/2009 13:00:00,19.58,52.38,722.00,374.12,389.00,364.58,2.75,104,101503  
03/07/2009 14:00:00,19.89,51.37,818.00,777.26,175.00,355.95,2.90,107,101473  
03/07/2009 15:00:00,19.76,53.32,711.00,769.68,151.00,354.85,2.88,110,101450  
03/07/2009 16:00:00,19.64,55.27,558.00,689.17,146.00,353.75,2.87,113,101427  
03/07/2009 17:00:00,19.52,57.22,360.00,447.59,160.00,352.65,2.86,116,101404  
03/07/2009 18:00:00,19.16,63.37,226.00,484.34,88.00,350.82,2.63,120,101410  
03/07/2009 19:00:00,18.79,69.51,42.00,24.37,39.00,348.98,2.40,124,101417  
03/07/2009 20:00:00,18.43,75.66,0.00,-0.00,0.00,347.15,2.17,128,101424  
03/07/2009 21:00:00,18.29,80.56,0.00,-0.00,0.00,347.68,2.14,134,101410  
03/07/2009 22:00:00,18.15,85.47,0.00,-0.00,0.00,348.22,2.12,139,101397  
03/07/2009 23:00:00,18.00,90.37,0.00,-0.00,0.00,348.75,2.10,144,101384  
04/07/2009 00:00:00,18.03,90.19,0.00,-0.00,0.00,354.07,2.00,144,101364  
04/07/2009 01:00:00,18.05,90.01,0.00,-0.00,0.00,359.38,1.90,144,101344  
04/07/2009 02:00:00,18.08,89.83,0.00,-0.00,0.00,364.70,1.81,144,101324  
04/07/2009 03:00:00,18.21,89.04,0.00,-0.00,0.00,366.15,1.71,144,101314  
04/07/2009 04:00:00,18.35,88.25,0.00,-0.00,0.00,367.60,1.60,143,101304  
04/07/2009 05:00:00,18.49,87.46,41.00,24.12,38.00,369.05,1.50,142,101294  
04/07/2009 06:00:00,18.85,80.37,151.00,104.75,121.00,367.53,1.62,133,101304  
04/07/2009 07:00:00,19.22,73.29,282.00,173.98,204.00,366.02,1.74,125,101314  
04/07/2009 08:00:00,19.59,66.20,573.00,752.73,122.00,364.50,1.86,116,101324  
04/07/2009 09:00:00,19.73,62.68,723.00,811.14,132.00,362.77,2.27,109,101300  
04/07/2009 10:00:00,19.88,59.15,728.00,514.59,302.00,361.03,2.67,101,101277  
04/07/2009 11:00:00,20.02,55.63,783.00,505.55,333.00,359.30,3.08,94,101254  
04/07/2009 12:00:00,19.94,55.67,776.00,445.57,370.00,357.58,3.59,93,101237  
04/07/2009 13:00:00,19.86,55.70,816.00,585.64,295.00,355.87,4.10,91,101221

04/07/2009 14:00:00,19.78,55.74,855.00,908.25,104.00,354.15,4.61,90,101204  
04/07/2009 15:00:00,19.56,57.88,748.00,918.57,80.00,351.40,4.85,94,101204  
04/07/2009 16:00:00,19.35,60.02,572.00,751.52,123.00,348.65,5.09,97,101204  
04/07/2009 17:00:00,19.14,62.16,407.00,687.67,100.00,345.90,5.32,100,101204  
04/07/2009 18:00:00,18.78,66.75,223.00,467.59,90.00,344.33,4.80,102,101227  
04/07/2009 19:00:00,18.42,71.34,59.00,114.28,45.00,342.77,4.27,103,101250  
04/07/2009 20:00:00,18.06,75.93,0.00,-0.00,0.00,341.20,3.74,104,101274  
04/07/2009 21:00:00,17.95,79.79,0.00,-0.00,0.00,339.68,3.32,103,101267  
04/07/2009 22:00:00,17.83,83.64,0.00,-0.00,0.00,338.17,2.91,102,101260  
04/07/2009 23:00:00,17.72,87.50,0.00,-0.00,0.00,336.65,2.50,101,101254  
05/07/2009 00:00:00,17.80,88.66,0.00,-0.00,0.00,337.48,2.49,102,101237  
05/07/2009 01:00:00,17.88,89.83,0.00,-0.00,0.00,338.32,2.48,102,101221  
05/07/2009 02:00:00,17.96,90.99,0.00,-0.00,0.00,339.15,2.47,103,101204  
05/07/2009 03:00:00,18.08,89.27,0.00,-0.00,0.00,341.60,2.46,95,101204  
05/07/2009 04:00:00,18.20,87.56,0.00,-0.00,0.00,344.05,2.46,87,101204  
05/07/2009 05:00:00,18.32,85.84,80.00,342.10,38.00,346.50,2.46,78,101204  
05/07/2009 06:00:00,18.61,80.03,225.00,484.45,87.00,348.83,3.09,77,101214  
05/07/2009 07:00:00,18.90,74.22,237.00,82.79,200.00,351.17,3.72,76,101224  
05/07/2009 08:00:00,19.20,68.41,508.00,496.75,211.00,353.50,4.36,75,101234  
05/07/2009 09:00:00,19.26,65.94,711.00,768.39,152.00,355.50,4.81,77,101221  
05/07/2009 10:00:00,19.32,63.46,710.00,471.64,320.00,357.50,5.27,79,101207  
05/07/2009 11:00:00,19.39,60.99,853.00,685.90,243.00,359.50,5.72,81,101194  
05/07/2009 12:00:00,19.28,59.36,732.00,359.12,405.00,357.50,5.61,83,101191  
05/07/2009 13:00:00,19.18,57.73,303.00,2.25,301.00,355.50,5.49,86,101187  
05/07/2009 14:00:00,19.08,56.10,223.00,0.00,223.00,353.50,5.38,88,101184  
05/07/2009 15:00:00,18.96,59.22,648.00,557.25,243.00,350.32,5.23,88,101167  
05/07/2009 16:00:00,18.85,62.35,413.00,229.47,276.00,347.13,5.08,88,101151  
05/07/2009 17:00:00,18.74,65.47,276.00,163.70,203.00,343.95,4.92,88,101134  
05/07/2009 18:00:00,18.39,70.58,85.00,3.52,84.00,347.18,4.40,87,101151  
05/07/2009 19:00:00,18.04,75.69,60.00,123.15,45.00,350.42,3.88,86,101167  
05/07/2009 20:00:00,17.70,80.80,0.00,-0.00,0.00,353.65,3.35,85,101184  
05/07/2009 21:00:00,17.65,83.60,0.00,-0.00,0.00,352.93,3.22,83,101187  
05/07/2009 22:00:00,17.60,86.39,0.00,-0.00,0.00,352.22,3.09,82,101191  
05/07/2009 23:00:00,17.55,89.19,0.00,-0.00,0.00,351.50,2.97,80,101194  
06/07/2009 00:00:00,17.58,90.07,0.00,-0.00,0.00,351.58,2.89,78,101177  
06/07/2009 01:00:00,17.62,90.95,0.00,-0.00,0.00,351.67,2.81,77,101161  
06/07/2009 02:00:00,17.65,91.83,0.00,-0.00,0.00,351.75,2.73,76,101144  
06/07/2009 03:00:00,17.63,90.50,0.00,-0.00,0.00,354.17,3.35,76,101134  
06/07/2009 04:00:00,17.62,89.16,0.00,-0.00,0.00,356.58,3.97,76,101124  
06/07/2009 05:00:00,17.61,87.83,32.00,8.26,31.00,359.00,4.59,75,101114  
06/07/2009 06:00:00,17.81,84.39,143.00,88.26,118.00,357.03,5.10,75,101127  
06/07/2009 07:00:00,18.02,80.95,284.00,186.33,201.00,355.07,5.61,76,101141  
06/07/2009 08:00:00,18.23,77.51,565.00,725.82,132.00,353.10,6.12,76,101154  
06/07/2009 09:00:00,18.34,74.46,343.00,34.42,318.00,351.50,6.45,77,101134  
06/07/2009 10:00:00,18.45,71.40,765.00,618.71,254.00,349.90,6.77,79,101114  
06/07/2009 11:00:00,18.56,68.35,679.00,296.00,416.00,348.30,7.09,80,101094  
06/07/2009 12:00:00,18.60,65.34,895.00,745.17,217.00,350.77,7.24,82,101091  
06/07/2009 13:00:00,18.64,62.34,551.00,122.68,442.00,353.23,7.38,84,101087  
06/07/2009 14:00:00,18.69,59.33,470.00,85.97,399.00,355.70,7.53,86,101084  
06/07/2009 15:00:00,18.55,60.33,476.00,170.73,352.00,355.65,7.23,87,101064

06/07/2009 16:00:00,18.41,61.34,451.00,323.55,258.00,355.60,6.93,88,101044  
06/07/2009 17:00:00,18.27,62.34,217.00,56.13,192.00,355.55,6.63,89,101024  
06/07/2009 18:00:00,17.95,65.75,171.00,180.09,120.00,355.63,5.95,89,101044  
06/07/2009 19:00:00,17.63,69.17,76.00,297.51,40.00,355.72,5.27,88,101064  
06/07/2009 20:00:00,17.32,72.58,0.00,-0.00,0.00,355.80,4.59,88,101084  
06/07/2009 21:00:00,17.16,75.11,0.00,-0.00,0.00,357.00,4.35,86,101081  
06/07/2009 22:00:00,17.00,77.63,0.00,-0.00,0.00,358.20,4.11,84,101077  
06/07/2009 23:00:00,16.83,80.16,0.00,-0.00,0.00,359.40,3.86,83,101074  
07/07/2009 00:00:00,16.77,82.33,0.00,-0.00,0.00,354.32,3.66,86,101067  
07/07/2009 01:00:00,16.72,84.51,0.00,-0.00,0.00,349.23,3.45,88,101061  
07/07/2009 02:00:00,16.66,86.68,0.00,-0.00,0.00,344.15,3.24,91,101054  
07/07/2009 03:00:00,16.79,85.01,0.00,-0.00,0.00,343.07,3.37,89,101047  
07/07/2009 04:00:00,16.92,83.35,0.00,-0.00,0.00,341.98,3.51,87,101041  
07/07/2009 05:00:00,17.06,81.68,61.00,142.50,44.00,340.90,3.64,85,101034  
07/07/2009 06:00:00,17.31,79.42,229.00,532.69,79.00,341.08,4.47,87,101041  
07/07/2009 07:00:00,17.57,77.17,385.00,583.45,126.00,341.27,5.31,89,101047  
07/07/2009 08:00:00,17.83,74.91,334.00,94.09,278.00,341.45,6.14,91,101054  
07/07/2009 09:00:00,17.94,72.28,277.00,8.27,271.00,341.17,6.59,91,101047  
07/07/2009 10:00:00,18.05,69.66,644.00,329.74,372.00,340.88,7.05,91,101041  
07/07/2009 11:00:00,18.16,67.03,588.00,165.61,441.00,340.60,7.50,91,101034  
07/07/2009 12:00:00,18.38,62.43,923.00,830.48,168.00,339.87,7.65,93,101064  
07/07/2009 13:00:00,18.60,57.83,870.00,739.99,213.00,339.13,7.80,95,101094  
07/07/2009 14:00:00,18.82,53.23,722.00,504.06,306.00,338.40,7.94,97,101124  
07/07/2009 15:00:00,18.73,54.95,547.00,299.01,330.00,339.82,7.70,99,101137  
07/07/2009 16:00:00,18.64,56.68,579.00,790.38,108.00,341.23,7.46,101,101151  
07/07/2009 17:00:00,18.55,58.40,366.00,485.70,150.00,342.65,7.21,103,101164  
07/07/2009 18:00:00,18.27,62.25,228.00,516.95,82.00,342.77,6.28,106,101217  
07/07/2009 19:00:00,17.99,66.11,66.00,183.17,44.00,342.88,5.34,108,101270  
07/07/2009 20:00:00,17.71,69.96,0.00,-0.00,0.00,343.00,4.40,110,101324  
07/07/2009 21:00:00,17.54,73.38,0.00,-0.00,0.00,342.20,3.96,109,101357  
07/07/2009 22:00:00,17.37,76.80,0.00,-0.00,0.00,341.40,3.53,109,101390  
07/07/2009 23:00:00,17.20,80.22,0.00,-0.00,0.00,340.60,3.09,108,101424  
08/07/2009 00:00:00,17.14,82.29,0.00,-0.00,0.00,339.25,2.99,107,101444  
08/07/2009 01:00:00,17.08,84.35,0.00,-0.00,0.00,337.90,2.90,107,101463  
08/07/2009 02:00:00,17.02,86.42,0.00,-0.00,0.00,336.55,2.80,107,101483  
08/07/2009 03:00:00,17.07,85.12,0.00,-0.00,0.00,335.85,2.82,106,101487  
08/07/2009 04:00:00,17.12,83.82,0.00,-0.00,0.00,335.15,2.85,105,101490  
08/07/2009 05:00:00,17.18,82.52,70.00,255.41,40.00,334.45,2.87,104,101493  
08/07/2009 06:00:00,17.55,75.35,220.00,478.81,86.00,337.13,3.44,104,101510  
08/07/2009 07:00:00,17.92,68.17,325.00,321.03,183.00,339.82,4.01,105,101527  
08/07/2009 08:00:00,18.29,61.00,553.00,687.13,145.00,342.50,4.58,106,101543  
08/07/2009 09:00:00,18.54,58.12,692.00,714.20,175.00,342.13,4.97,104,101550  
08/07/2009 10:00:00,18.79,55.23,673.00,392.08,350.00,341.77,5.35,102,101557  
08/07/2009 11:00:00,19.05,52.35,668.00,280.81,419.00,341.40,5.74,101,101563  
08/07/2009 12:00:00,19.01,51.97,682.00,275.24,432.00,338.90,5.83,102,101580  
08/07/2009 13:00:00,18.97,51.58,892.00,810.46,173.00,336.40,5.92,104,101597  
08/07/2009 14:00:00,18.93,51.20,708.00,471.71,319.00,333.90,6.01,105,101613  
08/07/2009 15:00:00,18.87,52.08,712.00,781.96,145.00,333.45,5.82,108,101617  
08/07/2009 16:00:00,18.82,52.95,514.00,527.51,200.00,333.00,5.63,110,101620  
08/07/2009 17:00:00,18.76,53.83,353.00,427.95,163.00,332.55,5.43,112,101623

08/07/2009 18:00:00,18.41,58.14,185.00,248.61,115.00,332.05,4.84,115,101670  
08/07/2009 19:00:00,18.05,62.45,60.00,134.34,44.00,331.55,4.24,118,101716  
08/07/2009 20:00:00,17.70,66.76,0.00,-0.00,0.00,331.05,3.64,121,101763  
08/07/2009 21:00:00,17.40,71.52,0.00,-0.00,0.00,333.95,3.42,126,101790  
08/07/2009 22:00:00,17.10,76.29,0.00,-0.00,0.00,336.85,3.19,131,101816  
08/07/2009 23:00:00,16.80,81.05,0.00,-0.00,0.00,339.75,2.97,137,101843  
09/07/2009 00:00:00,16.64,85.16,0.00,-0.00,0.00,336.78,2.98,139,101840  
09/07/2009 01:00:00,16.48,89.27,0.00,-0.00,0.00,333.82,2.99,141,101836  
09/07/2009 02:00:00,16.32,93.38,0.00,-0.00,0.00,330.85,3.01,143,101833  
09/07/2009 03:00:00,16.31,92.07,0.00,-0.00,0.00,331.72,2.75,139,101836  
09/07/2009 04:00:00,16.30,90.77,0.00,-0.00,0.00,332.58,2.50,134,101840  
09/07/2009 05:00:00,16.30,89.46,48.00,69.24,40.00,333.45,2.25,130,101843  
09/07/2009 06:00:00,16.68,80.31,189.00,284.10,110.00,332.15,2.61,122,101850  
09/07/2009 07:00:00,17.06,71.15,390.00,626.30,114.00,330.85,2.97,115,101856  
09/07/2009 08:00:00,17.44,62.00,571.00,774.94,112.00,329.55,3.32,107,101863  
09/07/2009 09:00:00,17.67,59.57,459.35,289.17,250.40,333.27,3.94,108,101860  
09/07/2009 10:00:00,17.91,57.15,473.10,276.35,245.75,336.98,4.57,109,101856  
09/07/2009 11:00:00,18.15,54.72,472.00,59.84,419.00,340.70,5.19,110,101853  
09/07/2009 12:00:00,18.22,54.03,96.00,0.00,96.00,341.60,5.22,111,101853  
09/07/2009 13:00:00,18.29,53.33,312.00,2.26,310.00,342.50,5.26,111,101853  
09/07/2009 14:00:00,18.37,52.64,526.00,145.64,406.00,343.40,5.30,112,101853  
09/07/2009 15:00:00,18.25,54.28,638.00,534.24,251.00,344.58,5.27,112,101833  
09/07/2009 16:00:00,18.13,55.92,277.00,37.01,255.00,345.77,5.25,113,101813  
09/07/2009 17:00:00,18.01,57.56,321.65,375.50,155.25,346.95,5.23,113,101793  
09/07/2009 18:00:00,17.68,61.50,179.70,282.06,100.55,345.42,4.57,116,101806  
09/07/2009 19:00:00,17.35,65.43,56.30,140.25,39.75,343.88,3.90,118,101820  
09/07/2009 20:00:00,17.03,69.37,0.00,-0.00,0.00,342.35,3.24,120,101833  
09/07/2009 21:00:00,16.83,73.71,0.00,-0.00,0.00,340.80,3.01,122,101846  
09/07/2009 22:00:00,16.63,78.04,0.00,-0.00,0.00,339.25,2.77,123,101860  
09/07/2009 23:00:00,16.43,82.38,0.00,-0.00,0.00,337.70,2.54,124,101873  
10/07/2009 00:00:00,16.38,84.40,0.00,-0.00,0.00,345.58,2.46,125,101856  
10/07/2009 01:00:00,16.32,86.43,0.00,-0.00,0.00,353.47,2.37,126,101840  
10/07/2009 02:00:00,16.26,88.45,0.00,-0.00,0.00,361.35,2.29,128,101823  
10/07/2009 03:00:00,16.26,88.42,0.00,-0.00,0.00,362.67,2.42,130,101836  
10/07/2009 04:00:00,16.26,88.38,0.00,-0.00,0.00,363.98,2.56,132,101850  
10/07/2009 05:00:00,16.27,88.35,30.00,8.81,29.00,365.30,2.69,135,101863  
10/07/2009 06:00:00,16.57,80.39,148.00,112.23,117.00,367.95,2.65,132,101879  
10/07/2009 07:00:00,16.87,72.44,301.00,250.57,191.00,370.60,2.61,129,101896  
10/07/2009 08:00:00,17.18,64.48,346.00,115.10,278.00,373.25,2.57,126,101913  
10/07/2009 09:00:00,17.47,61.52,386.00,67.94,337.00,375.40,3.05,123,101916  
10/07/2009 10:00:00,17.77,58.57,321.00,8.52,314.00,377.55,3.53,119,101919  
10/07/2009 11:00:00,18.07,55.61,271.00,0.00,271.00,379.70,4.01,115,101923  
10/07/2009 12:00:00,18.25,56.71,175.00,0.00,175.00,373.02,4.06,115,101923  
10/07/2009 13:00:00,18.43,57.80,222.00,0.00,222.00,366.33,4.11,114,101923  
10/07/2009 14:00:00,18.61,58.90,499.00,115.41,404.00,359.65,4.15,113,101923  
10/07/2009 15:00:00,18.56,59.94,246.00,2.76,244.00,354.90,3.95,113,101896  
10/07/2009 16:00:00,18.51,60.97,234.00,13.48,226.00,350.15,3.75,113,101870  
10/07/2009 17:00:00,18.47,62.01,350.00,420.60,164.00,345.40,3.54,113,101843  
10/07/2009 18:00:00,18.17,66.17,225.00,515.07,81.00,342.20,3.12,111,101853  
10/07/2009 19:00:00,17.87,70.33,63.00,171.22,43.00,339.00,2.69,109,101863

10/07/2009 20:00:00,17.57,74.49,0.00,-0.00,0.00,335.80,2.26,107,101873  
10/07/2009 21:00:00,17.44,78.33,0.00,-0.00,0.00,337.27,2.32,104,101866  
10/07/2009 22:00:00,17.32,82.17,0.00,-0.00,0.00,338.73,2.37,102,101860  
10/07/2009 23:00:00,17.19,86.01,0.00,-0.00,0.00,340.20,2.43,99,101853  
11/07/2009 00:00:00,16.97,87.69,0.00,-0.00,0.00,338.38,2.52,101,101830  
11/07/2009 01:00:00,16.75,89.36,0.00,-0.00,0.00,336.57,2.61,104,101806  
11/07/2009 02:00:00,16.53,91.04,0.00,-0.00,0.00,334.75,2.70,106,101783  
11/07/2009 03:00:00,16.65,89.62,0.00,-0.00,0.00,334.83,2.19,78,101756  
11/07/2009 04:00:00,16.77,88.19,0.00,-0.00,0.00,334.92,1.68,51,101730  
11/07/2009 05:00:00,16.90,86.77,19.00,0.00,19.00,335.00,1.17,23,101703  
11/07/2009 06:00:00,17.30,80.52,171.00,207.79,114.00,334.97,1.71,25,101696  
11/07/2009 07:00:00,17.70,74.27,330.00,356.78,174.00,334.93,2.24,27,101690  
11/07/2009 08:00:00,18.11,68.02,511.00,534.61,196.00,334.90,2.77,30,101683  
11/07/2009 09:00:00,18.37,65.68,298.00,15.28,287.00,339.00,2.79,33,101657  
11/07/2009 10:00:00,18.64,63.34,405.00,41.45,371.00,343.10,2.81,37,101630  
11/07/2009 11:00:00,18.91,61.00,447.00,45.27,407.00,347.20,2.83,41,101603  
11/07/2009 12:00:00,19.05,59.57,680.00,274.95,431.00,344.55,2.60,42,101553  
11/07/2009 13:00:00,19.19,58.13,680.00,304.05,411.00,341.90,2.38,42,101503  
11/07/2009 14:00:00,19.33,56.70,455.00,74.18,394.00,339.25,2.15,43,101453  
11/07/2009 15:00:00,19.28,58.93,455.00,143.89,351.00,344.53,2.05,47,101410  
11/07/2009 16:00:00,19.24,61.16,498.00,475.72,216.00,349.82,1.94,50,101367  
11/07/2009 17:00:00,19.20,63.39,398.00,661.79,106.00,355.10,1.83,54,101324  
11/07/2009 18:00:00,18.86,67.05,134.00,68.24,115.00,352.48,2.01,65,101310  
11/07/2009 19:00:00,18.52,70.70,45.00,43.29,40.00,349.87,2.18,76,101297  
11/07/2009 20:00:00,18.18,74.36,0.00,-0.00,0.00,347.25,2.36,87,101284  
11/07/2009 21:00:00,18.03,77.11,0.00,-0.00,0.00,343.17,2.54,85,101260  
11/07/2009 22:00:00,17.88,79.87,0.00,-0.00,0.00,339.08,2.72,83,101237  
11/07/2009 23:00:00,17.73,82.62,0.00,-0.00,0.00,335.00,2.90,81,101214  
12/07/2009 00:00:00,17.91,87.05,0.00,-0.00,0.00,340.60,3.57,73,101161  
12/07/2009 01:00:00,18.09,91.48,0.00,-0.00,0.00,346.20,4.25,66,101107  
12/07/2009 02:00:00,18.27,95.91,0.00,-0.00,0.00,351.80,4.92,58,101054  
12/07/2009 03:00:00,18.41,96.60,0.00,-0.00,0.00,361.03,5.19,59,101044  
12/07/2009 04:00:00,18.55,97.28,0.00,-0.00,0.00,370.27,5.46,60,101034  
12/07/2009 05:00:00,18.69,97.97,10.00,0.00,10.00,379.50,5.72,61,101024  
12/07/2009 06:00:00,18.79,93.20,49.00,0.00,49.00,381.55,5.71,64,101054  
12/07/2009 07:00:00,18.90,88.43,110.00,0.00,110.00,383.60,5.70,68,101084  
12/07/2009 08:00:00,19.01,83.66,183.00,1.70,182.00,385.65,5.68,71,101114  
12/07/2009 09:00:00,19.03,77.49,343.00,37.58,316.00,384.95,5.72,70,101121  
12/07/2009 10:00:00,19.05,71.31,535.00,161.17,403.00,384.25,5.76,70,101127  
12/07/2009 11:00:00,19.07,65.14,882.00,794.31,181.00,383.55,5.79,69,101134  
12/07/2009 12:00:00,18.99,62.13,950.00,936.31,103.00,382.70,5.68,72,101141  
12/07/2009 13:00:00,18.91,59.13,889.00,809.02,174.00,381.85,5.57,75,101147  
12/07/2009 14:00:00,18.83,56.12,829.00,832.67,145.00,381.00,5.46,79,101154  
12/07/2009 15:00:00,18.66,57.96,720.00,822.88,126.00,376.23,5.22,82,101161  
12/07/2009 16:00:00,18.50,59.81,572.00,777.29,112.00,371.47,4.97,85,101167  
12/07/2009 17:00:00,18.34,61.65,385.00,595.27,123.00,366.70,4.73,87,101174  
12/07/2009 18:00:00,18.01,68.18,228.00,551.94,75.00,365.07,3.79,91,101197  
12/07/2009 19:00:00,17.69,74.70,64.00,201.56,41.00,363.43,2.86,94,101221  
12/07/2009 20:00:00,17.37,81.23,0.00,-0.00,0.00,361.80,1.92,97,101244  
12/07/2009 21:00:00,17.22,85.73,0.00,-0.00,0.00,358.53,1.84,104,101237

12/07/2009 22:00:00,17.08,90.22,0.00,-0.00,0.00,355.27,1.76,111,101230  
12/07/2009 23:00:00,16.93,94.72,0.00,-0.00,0.00,352.00,1.68,119,101224  
13/07/2009 00:00:00,16.97,95.79,0.00,-0.00,0.00,356.98,1.43,115,101217  
13/07/2009 01:00:00,17.01,96.87,0.00,-0.00,0.00,361.97,1.17,111,101211  
13/07/2009 02:00:00,17.05,97.94,0.00,-0.00,0.00,366.95,0.91,107,101204  
13/07/2009 03:00:00,17.15,97.02,0.00,-0.00,0.00,367.95,0.86,162,101187  
13/07/2009 04:00:00,17.26,96.11,0.00,-0.00,0.00,368.95,0.81,218,101171  
13/07/2009 05:00:00,17.37,95.19,41.00,46.62,36.00,369.95,0.76,273,101154  
13/07/2009 06:00:00,17.78,87.43,172.00,225.66,111.00,368.45,0.76,283,101141  
13/07/2009 07:00:00,18.19,79.68,236.00,96.86,194.00,366.95,0.77,293,101127  
13/07/2009 08:00:00,18.61,71.92,257.00,25.60,242.00,365.45,0.77,304,101114  
13/07/2009 09:00:00,18.82,68.40,266.00,6.97,261.00,367.92,1.17,340,101074  
13/07/2009 10:00:00,19.03,64.88,155.00,0.00,155.00,370.38,1.57,17,101034  
13/07/2009 11:00:00,19.24,61.36,131.00,0.00,131.00,372.85,1.97,53,100994  
13/07/2009 12:00:00,19.17,61.34,359.00,8.85,351.00,376.38,2.95,63,100988  
13/07/2009 13:00:00,19.10,61.31,178.00,0.00,178.00,379.92,3.93,74,100981  
13/07/2009 14:00:00,19.03,61.29,108.00,0.00,108.00,383.45,4.91,84,100974  
13/07/2009 15:00:00,18.95,63.10,186.00,0.00,186.00,378.77,4.94,86,100978  
13/07/2009 16:00:00,18.88,64.91,447.00,323.32,256.00,374.08,4.97,87,100981  
13/07/2009 17:00:00,18.81,66.72,357.00,464.73,153.00,369.40,5.01,89,100984  
13/07/2009 18:00:00,18.55,70.77,220.00,496.59,83.00,360.83,4.22,87,101004  
13/07/2009 19:00:00,18.29,74.82,57.00,142.08,41.00,352.27,3.43,85,101024  
13/07/2009 20:00:00,18.03,78.87,0.00,-0.00,0.00,343.70,2.65,84,101044  
13/07/2009 21:00:00,17.96,81.97,0.00,-0.00,0.00,339.62,2.73,77,101031  
13/07/2009 22:00:00,17.89,85.06,0.00,-0.00,0.00,335.53,2.80,70,101017  
13/07/2009 23:00:00,17.82,88.16,0.00,-0.00,0.00,331.45,2.88,64,101004  
14/07/2009 00:00:00,17.98,89.73,0.00,-0.00,0.00,333.00,2.98,58,101017  
14/07/2009 01:00:00,18.14,91.30,0.00,-0.00,0.00,334.55,3.08,52,101031  
14/07/2009 02:00:00,18.30,92.87,0.00,-0.00,0.00,336.10,3.17,46,101044  
14/07/2009 03:00:00,18.36,90.60,0.00,-0.00,0.00,336.08,3.48,45,101037  
14/07/2009 04:00:00,18.42,88.33,0.00,-0.00,0.00,336.07,3.79,44,101031  
14/07/2009 05:00:00,18.48,86.06,32.00,19.05,30.00,336.05,4.10,43,101024  
14/07/2009 06:00:00,18.66,79.33,137.00,93.20,112.00,337.15,4.65,47,101031  
14/07/2009 07:00:00,18.85,72.60,325.00,356.73,171.00,338.25,5.20,50,101037  
14/07/2009 08:00:00,19.04,65.87,254.00,23.96,240.00,339.35,5.75,54,101044  
14/07/2009 09:00:00,19.09,63.14,165.00,0.00,165.00,340.57,6.00,55,101041  
14/07/2009 10:00:00,19.15,60.40,797.00,746.00,188.00,341.78,6.24,55,101037  
14/07/2009 11:00:00,19.20,57.67,662.00,279.50,416.00,343.00,6.48,56,101034  
14/07/2009 12:00:00,19.25,57.68,887.00,744.63,215.00,342.72,6.84,57,101057  
14/07/2009 13:00:00,19.30,57.69,664.00,280.12,417.00,342.43,7.19,58,101081  
14/07/2009 14:00:00,19.35,57.70,776.00,668.73,228.00,342.15,7.54,59,101104  
14/07/2009 15:00:00,19.27,60.08,696.00,740.48,163.00,340.22,7.32,59,101111  
14/07/2009 16:00:00,19.20,62.47,529.00,603.80,173.00,338.28,7.10,60,101117  
14/07/2009 17:00:00,19.13,64.85,261.00,139.37,200.00,336.35,6.88,60,101124  
14/07/2009 18:00:00,18.88,68.55,89.00,7.29,87.00,333.83,5.95,58,101154  
14/07/2009 19:00:00,18.62,72.26,53.00,117.11,40.00,331.32,5.03,55,101184  
14/07/2009 20:00:00,18.37,75.96,0.00,-0.00,0.00,328.80,4.10,53,101214  
14/07/2009 21:00:00,18.30,76.90,0.00,-0.00,0.00,329.95,4.11,51,101224  
14/07/2009 22:00:00,18.24,77.84,0.00,-0.00,0.00,331.10,4.12,49,101234  
14/07/2009 23:00:00,18.17,78.78,0.00,-0.00,0.00,332.25,4.14,48,101244

15/07/2009 00:00:00,18.17,79.82,0.00,-0.00,0.00,335.27,4.23,48,101297  
15/07/2009 01:00:00,18.18,80.86,0.00,-0.00,0.00,338.28,4.32,47,101350  
15/07/2009 02:00:00,18.18,81.90,0.00,-0.00,0.00,341.30,4.41,47,101404  
15/07/2009 03:00:00,18.23,81.14,0.00,-0.00,0.00,341.28,4.41,47,101434  
15/07/2009 04:00:00,18.28,80.38,0.00,-0.00,0.00,341.27,4.41,46,101463  
15/07/2009 05:00:00,18.34,79.62,14.00,0.00,14.00,341.25,4.41,46,101493  
15/07/2009 06:00:00,18.61,75.28,192.00,356.99,97.00,341.75,4.74,49,101547  
15/07/2009 07:00:00,18.88,70.95,382.00,639.92,107.00,342.25,5.08,53,101600  
15/07/2009 08:00:00,19.15,66.61,526.00,621.50,164.00,342.75,5.41,56,101653  
15/07/2009 09:00:00,19.26,64.01,685.00,724.25,168.00,343.80,5.49,59,101676  
15/07/2009 10:00:00,19.37,61.42,758.00,629.48,245.00,344.85,5.57,61,101700  
15/07/2009 11:00:00,19.48,58.82,800.00,572.31,297.00,345.90,5.66,63,101723  
15/07/2009 12:00:00,19.44,57.42,647.00,229.67,440.00,345.85,5.50,66,101763  
15/07/2009 13:00:00,19.40,56.01,686.00,320.22,404.00,345.80,5.35,69,101803  
15/07/2009 14:00:00,19.36,54.61,548.00,178.40,402.00,345.75,5.20,72,101843  
15/07/2009 15:00:00,19.22,56.46,389.00,70.96,338.00,344.28,4.73,78,101850  
15/07/2009 16:00:00,19.08,58.30,226.00,10.20,220.00,342.82,4.26,84,101856  
15/07/2009 17:00:00,18.95,60.15,189.00,29.79,176.00,341.35,3.79,90,101863  
15/07/2009 18:00:00,18.61,67.60,112.00,32.97,103.00,338.55,3.37,100,101899  
15/07/2009 19:00:00,18.27,75.04,34.00,18.30,32.00,335.75,2.94,109,101936  
15/07/2009 20:00:00,17.94,82.49,0.00,-0.00,0.00,332.95,2.51,118,101973  
15/07/2009 21:00:00,17.74,85.54,0.00,-0.00,0.00,332.63,2.27,143,101976  
15/07/2009 22:00:00,17.54,88.58,0.00,-0.00,0.00,332.32,2.02,168,101979  
15/07/2009 23:00:00,17.34,91.63,0.00,-0.00,0.00,332.00,1.78,193,101983  
16/07/2009 00:00:00,17.22,92.13,0.00,-0.00,0.00,331.62,2.00,211,101979  
16/07/2009 01:00:00,17.09,92.64,0.00,-0.00,0.00,331.23,2.22,230,101976  
16/07/2009 02:00:00,16.97,93.14,0.00,-0.00,0.00,330.85,2.44,248,101973  
16/07/2009 03:00:00,17.01,93.28,0.00,-0.00,0.00,331.75,2.57,251,101956  
16/07/2009 04:00:00,17.05,93.43,0.00,-0.00,0.00,332.65,2.71,253,101939  
16/07/2009 05:00:00,17.10,93.57,58.00,239.14,34.00,333.55,2.84,256,101923  
16/07/2009 06:00:00,17.81,82.96,213.00,534.24,72.00,335.62,2.85,260,101889  
16/07/2009 07:00:00,18.53,72.34,388.00,684.98,95.00,337.68,2.86,263,101856  
16/07/2009 08:00:00,19.25,61.73,573.00,842.15,84.00,339.75,2.87,267,101823  
16/07/2009 09:00:00,19.75,57.99,708.00,818.55,125.00,343.18,2.58,279,101746  
16/07/2009 10:00:00,20.26,54.26,836.00,888.74,113.00,346.62,2.30,292,101670  
16/07/2009 11:00:00,20.76,50.52,895.00,851.20,148.00,350.05,2.01,305,101593  
16/07/2009 12:00:00,20.93,48.23,799.00,518.84,332.00,349.30,2.57,342,101510  
16/07/2009 13:00:00,21.09,45.94,639.00,242.18,426.00,348.55,3.12,19,101427  
16/07/2009 14:00:00,21.25,43.65,629.00,313.26,373.00,347.80,3.67,56,101344  
16/07/2009 15:00:00,20.65,48.93,566.00,356.81,310.00,348.07,4.84,64,101314  
16/07/2009 16:00:00,20.06,54.20,377.00,168.64,278.00,348.33,6.01,73,101284  
16/07/2009 17:00:00,19.46,59.48,253.00,126.47,198.00,348.60,7.19,82,101254  
16/07/2009 18:00:00,18.74,67.89,105.00,22.11,99.00,354.78,7.09,80,101257  
16/07/2009 19:00:00,18.01,76.29,13.00,0.00,13.00,360.97,6.98,79,101260  
16/07/2009 20:00:00,17.29,84.70,0.00,-0.00,0.00,367.15,6.88,78,101264  
16/07/2009 21:00:00,16.93,86.08,0.00,-0.00,0.00,371.13,7.00,76,101254  
16/07/2009 22:00:00,16.57,87.45,0.00,-0.00,0.00,375.12,7.11,75,101244  
16/07/2009 23:00:00,16.21,88.83,0.00,-0.00,0.00,379.10,7.23,74,101234  
17/07/2009 00:00:00,16.33,86.39,0.00,-0.00,0.00,370.62,6.81,77,101257  
17/07/2009 01:00:00,16.44,83.94,0.00,-0.00,0.00,362.13,6.39,81,101280

17/07/2009 02:00:00,16.56,81.50,0.00,-0.00,0.00,353.65,5.97,84,101304  
17/07/2009 03:00:00,16.20,81.70,0.00,-0.00,0.00,352.73,5.82,83,101317  
17/07/2009 04:00:00,15.84,81.91,0.00,-0.00,0.00,351.82,5.66,83,101330  
17/07/2009 05:00:00,15.49,82.11,25.00,10.21,24.00,350.90,5.50,82,101344  
17/07/2009 06:00:00,15.34,81.94,18.00,0.00,18.00,348.55,5.71,85,101360  
17/07/2009 07:00:00,15.19,81.76,39.00,0.00,39.00,346.20,5.93,89,101377  
17/07/2009 08:00:00,15.04,81.59,312.00,79.47,266.00,343.85,6.14,92,101394  
17/07/2009 09:00:00,15.51,74.18,555.00,346.20,309.00,349.70,6.55,96,101404  
17/07/2009 10:00:00,15.99,66.76,250.00,0.00,250.00,355.55,6.96,100,101414  
17/07/2009 11:00:00,16.47,59.35,109.00,0.00,109.00,361.40,7.37,105,101424  
17/07/2009 12:00:00,16.80,59.12,841.00,625.26,279.00,353.02,8.12,106,101450  
17/07/2009 13:00:00,17.13,58.90,805.00,584.10,292.00,344.63,8.87,108,101477  
17/07/2009 14:00:00,17.47,58.67,135.00,0.00,135.00,336.25,9.63,110,101503  
17/07/2009 15:00:00,17.44,58.98,678.00,686.98,186.00,333.52,9.37,112,101540  
17/07/2009 16:00:00,17.42,59.29,326.00,90.49,273.00,330.78,9.11,114,101577  
17/07/2009 17:00:00,17.39,59.60,370.00,549.20,132.00,328.05,8.86,115,101613  
17/07/2009 18:00:00,17.07,62.44,139.00,96.43,113.00,327.88,8.31,115,101680  
17/07/2009 19:00:00,16.75,65.28,12.00,0.00,12.00,327.72,7.77,114,101746  
17/07/2009 20:00:00,16.43,68.12,0.00,-0.00,0.00,327.55,7.23,114,101813  
17/07/2009 21:00:00,16.29,70.72,0.00,-0.00,0.00,327.13,7.01,113,101826  
17/07/2009 22:00:00,16.15,73.32,0.00,-0.00,0.00,326.72,6.79,113,101840  
17/07/2009 23:00:00,16.00,75.92,0.00,-0.00,0.00,326.30,6.57,112,101853  
18/07/2009 00:00:00,16.14,74.99,0.00,-0.00,0.00,329.07,5.99,110,101873  
18/07/2009 01:00:00,16.27,74.06,0.00,-0.00,0.00,331.83,5.41,109,101893  
18/07/2009 02:00:00,16.41,73.13,0.00,-0.00,0.00,334.60,4.83,107,101913  
18/07/2009 03:00:00,16.55,72.65,0.00,-0.00,0.00,335.88,4.83,104,101893  
18/07/2009 04:00:00,16.69,72.16,0.00,-0.00,0.00,337.17,4.84,102,101873  
18/07/2009 05:00:00,16.84,71.68,8.00,0.00,8.00,338.45,4.84,100,101853  
18/07/2009 06:00:00,17.18,67.53,108.00,34.70,99.00,347.25,5.44,97,101856  
18/07/2009 07:00:00,17.53,63.37,368.00,592.53,117.00,356.05,6.04,93,101860  
18/07/2009 08:00:00,17.88,59.22,411.00,260.00,261.00,364.85,6.63,90,101863  
18/07/2009 09:00:00,17.86,63.04,485.00,204.55,340.00,369.02,7.07,82,101820  
18/07/2009 10:00:00,17.84,66.87,146.00,0.00,146.00,373.18,7.50,75,101776  
18/07/2009 11:00:00,17.82,70.69,681.00,320.06,401.00,377.35,7.93,67,101733  
18/07/2009 12:00:00,17.77,75.56,421.00,28.97,395.00,379.42,8.54,66,101686  
18/07/2009 13:00:00,17.72,80.43,415.00,30.79,388.00,381.48,9.15,65,101640  
18/07/2009 14:00:00,17.68,85.30,183.00,0.00,183.00,383.55,9.77,63,101593  
18/07/2009 15:00:00,17.57,84.51,181.00,0.00,181.00,381.17,9.10,68,101563  
18/07/2009 16:00:00,17.47,83.71,302.00,63.33,265.00,378.78,8.44,73,101533  
18/07/2009 17:00:00,17.37,82.92,263.00,152.87,197.00,376.40,7.78,77,101503  
18/07/2009 18:00:00,16.95,83.89,67.00,0.00,67.00,374.13,7.33,82,101547  
18/07/2009 19:00:00,16.53,84.86,23.00,0.00,23.00,371.87,6.89,87,101590  
18/07/2009 20:00:00,16.11,85.83,0.00,-0.00,0.00,369.60,6.44,92,101633  
18/07/2009 21:00:00,15.94,86.50,0.00,-0.00,0.00,375.53,6.18,92,101653  
18/07/2009 22:00:00,15.77,87.17,0.00,-0.00,0.00,381.47,5.92,93,101673  
18/07/2009 23:00:00,15.59,87.84,0.00,-0.00,0.00,387.40,5.66,93,101693  
19/07/2009 00:00:00,15.68,89.36,0.00,-0.00,0.00,379.80,5.05,92,101700  
19/07/2009 01:00:00,15.77,90.88,0.00,-0.00,0.00,372.20,4.45,90,101706  
19/07/2009 02:00:00,15.86,92.40,0.00,-0.00,0.00,364.60,3.85,88,101713  
19/07/2009 03:00:00,15.96,91.00,0.00,-0.00,0.00,367.62,3.86,81,101716



19/07/2009 04:00:00,16.06,89.59,0.00,-0.00,0.00,370.63,3.88,75,101720  
19/07/2009 05:00:00,16.16,88.19,19.00,0.00,19.00,373.65,3.89,68,101723  
19/07/2009 06:00:00,16.58,82.15,97.00,23.34,91.00,369.45,4.42,68,101733  
19/07/2009 07:00:00,17.00,76.11,374.00,635.86,106.00,365.25,4.96,67,101743  
19/07/2009 08:00:00,17.43,70.07,243.00,20.87,231.00,361.05,5.49,66,101753  
19/07/2009 09:00:00,17.69,67.65,209.00,0.00,209.00,357.58,5.80,67,101743  
19/07/2009 10:00:00,17.95,65.24,651.00,372.11,350.00,354.12,6.11,67,101733  
19/07/2009 11:00:00,18.22,62.82,360.00,11.45,350.00,350.65,6.43,68,101723  
19/07/2009 12:00:00,18.39,61.96,843.00,637.18,272.00,350.62,6.47,68,101726  
19/07/2009 13:00:00,18.56,61.10,556.00,138.18,435.00,350.58,6.52,69,101730  
19/07/2009 14:00:00,18.74,60.24,728.00,547.14,283.00,350.55,6.57,69,101733  
19/07/2009 15:00:00,18.61,62.46,475.00,182.23,345.00,349.60,6.34,71,101726  
19/07/2009 16:00:00,18.48,64.69,224.00,10.30,218.00,348.65,6.11,73,101720  
19/07/2009 17:00:00,18.35,66.91,229.00,86.04,192.00,347.70,5.89,75,101713  
19/07/2009 18:00:00,18.00,71.01,53.00,0.00,53.00,346.05,4.98,76,101736  
19/07/2009 19:00:00,17.65,75.10,7.00,0.00,7.00,344.40,4.07,77,101760  
19/07/2009 20:00:00,17.30,79.20,0.00,-0.00,0.00,342.75,3.16,78,101783  
19/07/2009 21:00:00,17.16,82.95,0.00,-0.00,0.00,340.85,2.97,80,101796  
19/07/2009 22:00:00,17.01,86.69,0.00,-0.00,0.00,338.95,2.78,82,101810  
19/07/2009 23:00:00,16.87,90.44,0.00,-0.00,0.00,337.05,2.59,83,101823  
20/07/2009 00:00:00,16.92,92.40,0.00,-0.00,0.00,341.45,2.64,77,101820  
20/07/2009 01:00:00,16.96,94.35,0.00,-0.00,0.00,345.85,2.69,71,101816  
20/07/2009 02:00:00,17.01,96.31,0.00,-0.00,0.00,350.25,2.73,65,101813  
20/07/2009 03:00:00,17.00,96.11,0.00,-0.00,0.00,350.52,2.28,40,101806  
20/07/2009 04:00:00,16.99,95.92,0.00,-0.00,0.00,350.78,1.83,14,101800  
20/07/2009 05:00:00,16.99,95.72,34.00,55.33,29.00,351.05,1.38,349,101793  
20/07/2009 06:00:00,17.42,86.92,134.00,109.94,106.00,348.58,1.70,354,101800  
20/07/2009 07:00:00,17.85,78.13,328.00,407.83,157.00,346.12,2.02,358,101806  
20/07/2009 08:00:00,18.28,69.33,519.00,630.01,158.00,343.65,2.34,3,101813  
20/07/2009 09:00:00,18.55,66.33,551.00,345.93,307.00,342.17,2.44,1,101770  
20/07/2009 10:00:00,18.83,63.32,441.00,70.61,384.00,340.68,2.53,359,101726  
20/07/2009 11:00:00,19.10,60.32,784.00,548.25,306.00,339.20,2.62,357,101683  
20/07/2009 12:00:00,19.27,58.61,671.00,273.83,426.00,339.38,2.40,360,101620  
20/07/2009 13:00:00,19.43,56.91,787.00,549.04,307.00,339.57,2.19,3,101557  
20/07/2009 14:00:00,19.59,55.20,714.00,513.61,297.00,339.75,1.97,5,101493  
20/07/2009 15:00:00,19.71,56.58,716.00,848.47,112.00,341.40,1.63,12,101444  
20/07/2009 16:00:00,19.84,57.97,416.00,261.62,264.00,343.05,1.29,19,101394  
20/07/2009 17:00:00,19.97,59.35,383.00,644.54,107.00,344.70,0.95,26,101344  
20/07/2009 18:00:00,19.47,64.62,176.00,265.25,106.00,347.12,0.84,77,101317  
20/07/2009 19:00:00,18.96,69.88,37.00,40.29,33.00,349.53,0.72,128,101290  
20/07/2009 20:00:00,18.46,75.15,0.00,-0.00,0.00,351.95,0.61,179,101264  
20/07/2009 21:00:00,18.44,77.31,0.00,-0.00,0.00,352.20,0.95,214,101211  
20/07/2009 22:00:00,18.42,79.48,0.00,-0.00,0.00,352.45,1.30,249,101157  
20/07/2009 23:00:00,18.40,81.64,0.00,-0.00,0.00,352.70,1.64,283,101104  
21/07/2009 00:00:00,18.48,81.72,0.00,-0.00,0.00,352.62,1.99,301,101034  
21/07/2009 01:00:00,18.55,81.80,0.00,-0.00,0.00,352.53,2.33,318,100964  
21/07/2009 02:00:00,18.62,81.88,0.00,-0.00,0.00,352.45,2.68,336,100894  
21/07/2009 03:00:00,18.63,80.82,0.00,-0.00,0.00,351.95,2.56,346,100848  
21/07/2009 04:00:00,18.65,79.75,0.00,-0.00,0.00,351.45,2.44,357,100801  
21/07/2009 05:00:00,18.67,78.69,21.00,0.00,21.00,350.95,2.32,7,100755

21/07/2009 06:00:00,18.88,73.61,124.00,83.25,103.00,351.37,2.74,26,100768  
21/07/2009 07:00:00,19.09,68.53,322.00,390.82,159.00,351.78,3.16,46,100781  
21/07/2009 08:00:00,19.31,63.45,476.00,467.61,209.00,352.20,3.59,65,100795  
21/07/2009 09:00:00,19.31,61.56,353.00,49.75,318.00,354.63,3.89,71,100791  
21/07/2009 10:00:00,19.31,59.66,449.00,78.20,386.00,357.07,4.20,76,100788  
21/07/2009 11:00:00,19.31,57.77,659.00,287.25,409.00,359.50,4.51,82,100785  
21/07/2009 12:00:00,19.43,57.03,638.15,379.85,298.85,356.03,4.49,77,100761  
21/07/2009 13:00:00,19.55,56.29,597.85,368.64,276.10,352.57,4.47,72,100738  
21/07/2009 14:00:00,19.67,55.55,596.60,418.62,257.35,349.10,4.46,67,100715  
21/07/2009 15:00:00,19.42,59.90,324.00,28.16,304.00,351.80,4.40,77,100708  
21/07/2009 16:00:00,19.17,64.26,186.00,1.73,185.00,354.50,4.34,87,100701  
21/07/2009 17:00:00,18.93,68.61,152.00,7.04,149.00,357.20,4.28,97,100695  
21/07/2009 18:00:00,18.59,73.32,122.00,61.11,106.00,361.23,3.68,97,100691  
21/07/2009 19:00:00,18.26,78.03,36.00,41.24,32.00,365.27,3.08,97,100688  
21/07/2009 20:00:00,17.93,82.74,0.00,-0.00,0.00,369.30,2.48,97,100685  
21/07/2009 21:00:00,17.88,84.68,0.00,-0.00,0.00,372.33,2.42,84,100685  
21/07/2009 22:00:00,17.84,86.62,0.00,-0.00,0.00,375.37,2.36,72,100685  
21/07/2009 23:00:00,17.79,88.56,0.00,-0.00,0.00,378.40,2.30,59,100685  
22/07/2009 00:00:00,17.87,88.84,0.00,-0.00,0.00,377.03,2.54,54,100655  
22/07/2009 01:00:00,17.94,89.13,0.00,-0.00,0.00,375.67,2.78,50,100625  
22/07/2009 02:00:00,18.02,89.41,0.00,-0.00,0.00,374.30,3.02,45,100595  
22/07/2009 03:00:00,17.98,89.06,0.00,-0.00,0.00,371.85,3.08,42,100605  
22/07/2009 04:00:00,17.94,88.71,0.00,-0.00,0.00,369.40,3.14,39,100615  
22/07/2009 05:00:00,17.91,88.36,41.00,141.08,29.00,366.95,3.20,36,100625  
22/07/2009 06:00:00,18.08,84.71,143.00,152.15,105.00,369.32,3.11,35,100638  
22/07/2009 07:00:00,18.25,81.07,174.00,26.52,163.00,371.68,3.02,34,100651  
22/07/2009 08:00:00,18.43,77.42,360.00,161.71,268.00,374.05,2.92,33,100665  
22/07/2009 09:00:00,18.49,78.40,465.00,181.00,338.00,373.22,3.04,30,100635  
22/07/2009 10:00:00,18.55,79.37,243.00,0.00,243.00,372.38,3.16,27,100605  
22/07/2009 11:00:00,18.61,80.35,136.00,0.00,136.00,371.55,3.28,24,100575  
22/07/2009 12:00:00,18.66,82.20,161.00,0.00,161.00,374.83,3.39,41,100538  
22/07/2009 13:00:00,18.70,84.04,198.00,0.00,198.00,378.12,3.50,58,100502  
22/07/2009 14:00:00,18.74,85.89,143.00,0.00,143.00,381.40,3.61,75,100465  
22/07/2009 15:00:00,18.44,88.26,244.00,2.82,242.00,383.27,3.41,90,100432  
22/07/2009 16:00:00,18.15,90.62,67.00,0.00,67.00,385.13,3.20,104,100398  
22/07/2009 17:00:00,17.86,92.99,38.00,0.00,38.00,387.00,2.99,119,100365  
22/07/2009 18:00:00,17.64,93.63,39.00,0.00,39.00,380.43,2.46,114,100339  
22/07/2009 19:00:00,17.41,94.26,5.00,0.00,5.00,373.87,1.93,110,100312  
22/07/2009 20:00:00,17.19,94.90,0.00,-0.00,0.00,367.30,1.39,105,100285  
22/07/2009 21:00:00,17.18,95.58,0.00,-0.00,0.00,370.42,1.42,70,100279  
22/07/2009 22:00:00,17.18,96.27,0.00,-0.00,0.00,373.53,1.44,34,100272  
22/07/2009 23:00:00,17.17,96.95,0.00,-0.00,0.00,376.65,1.46,359,100265  
23/07/2009 00:00:00,17.20,96.68,0.00,-0.00,0.00,375.22,1.93,8,100252  
23/07/2009 01:00:00,17.23,96.40,0.00,-0.00,0.00,373.78,2.39,17,100239  
23/07/2009 02:00:00,17.26,96.13,0.00,-0.00,0.00,372.35,2.86,26,100225  
23/07/2009 03:00:00,17.28,95.82,0.00,-0.00,0.00,379.73,3.17,29,100229  
23/07/2009 04:00:00,17.30,95.52,0.00,-0.00,0.00,387.12,3.49,31,100232  
23/07/2009 05:00:00,17.32,95.21,35.00,85.03,28.00,394.50,3.81,34,100235  
23/07/2009 06:00:00,17.54,93.66,18.00,0.00,18.00,393.88,3.89,40,100292  
23/07/2009 07:00:00,17.77,92.11,121.00,2.42,120.00,393.27,3.96,47,100349

23/07/2009 08:00:00,18.00,90.56,333.00,116.44,267.00,392.65,4.04,53,100405  
23/07/2009 09:00:00,18.15,86.64,507.00,258.67,326.00,389.05,4.68,59,100448  
23/07/2009 10:00:00,18.30,82.71,130.00,0.00,130.00,385.45,5.31,65,100492  
23/07/2009 11:00:00,18.44,78.79,391.00,23.07,371.00,381.85,5.94,71,100535  
23/07/2009 12:00:00,18.42,75.44,239.00,0.00,239.00,374.60,6.71,73,100655  
23/07/2009 13:00:00,18.39,72.08,368.00,14.95,355.00,367.35,7.47,74,100775  
23/07/2009 14:00:00,18.36,68.73,731.00,568.64,272.00,360.10,8.23,76,100894  
23/07/2009 15:00:00,18.29,70.36,554.00,346.60,309.00,355.50,7.94,75,100944  
23/07/2009 16:00:00,18.23,72.00,389.00,208.49,269.00,350.90,7.64,74,100994  
23/07/2009 17:00:00,18.16,73.63,272.00,194.20,190.00,346.30,7.34,73,101044  
23/07/2009 18:00:00,17.99,77.33,137.00,108.81,109.00,342.43,6.53,72,101107  
23/07/2009 19:00:00,17.82,81.04,25.00,10.86,24.00,338.57,5.72,70,101171  
23/07/2009 20:00:00,17.66,84.74,0.00,-0.00,0.00,334.70,4.91,68,101234  
23/07/2009 21:00:00,17.65,86.16,0.00,-0.00,0.00,333.93,4.47,63,101247  
23/07/2009 22:00:00,17.64,87.57,0.00,-0.00,0.00,333.17,4.04,57,101260  
23/07/2009 23:00:00,17.62,88.99,0.00,-0.00,0.00,332.40,3.60,52,101274  
24/07/2009 00:00:00,17.68,88.21,0.00,-0.00,0.00,335.90,3.71,50,101284  
24/07/2009 01:00:00,17.73,87.43,0.00,-0.00,0.00,339.40,3.82,48,101294  
24/07/2009 02:00:00,17.79,86.65,0.00,-0.00,0.00,342.90,3.93,46,101304  
24/07/2009 03:00:00,17.76,87.08,0.00,-0.00,0.00,344.50,4.13,46,101310  
24/07/2009 04:00:00,17.73,87.51,0.00,-0.00,0.00,346.10,4.33,45,101317  
24/07/2009 05:00:00,17.71,87.94,36.00,113.15,27.00,347.70,4.52,45,101324  
24/07/2009 06:00:00,17.83,87.02,184.00,429.16,79.00,346.52,5.11,49,101350  
24/07/2009 07:00:00,17.95,86.09,356.00,594.92,112.00,345.33,5.70,53,101377  
24/07/2009 08:00:00,18.08,85.17,331.00,116.88,265.00,344.15,6.29,57,101404  
24/07/2009 09:00:00,18.01,85.50,604.00,505.89,251.00,344.92,6.84,60,101434  
24/07/2009 10:00:00,17.94,85.82,141.00,0.00,141.00,345.68,7.39,63,101463  
24/07/2009 11:00:00,17.88,86.15,206.00,0.00,206.00,346.45,7.94,65,101493  
24/07/2009 12:00:00,18.05,83.12,213.00,0.00,213.00,347.22,8.01,68,101563  
24/07/2009 13:00:00,18.23,80.08,281.00,1.15,280.00,347.98,8.08,71,101633  
24/07/2009 14:00:00,18.41,77.05,741.00,604.61,254.00,348.75,8.15,73,101703  
24/07/2009 15:00:00,18.36,74.39,684.00,750.31,155.00,349.15,7.77,77,101733  
24/07/2009 16:00:00,18.32,71.74,472.00,441.08,219.00,349.55,7.38,80,101763  
24/07/2009 17:00:00,18.28,69.08,296.00,273.76,181.00,349.95,6.99,84,101793  
24/07/2009 18:00:00,17.94,72.32,149.00,160.82,108.00,345.57,6.18,88,101876  
24/07/2009 19:00:00,17.61,75.57,40.00,100.59,31.00,341.18,5.37,92,101959  
24/07/2009 20:00:00,17.28,78.81,0.00,-0.00,0.00,336.80,4.57,96,102043  
24/07/2009 21:00:00,17.10,81.86,0.00,-0.00,0.00,335.52,4.11,99,102086  
24/07/2009 22:00:00,16.92,84.91,0.00,-0.00,0.00,334.23,3.66,101,102129  
24/07/2009 23:00:00,16.73,87.96,0.00,-0.00,0.00,332.95,3.20,103,102172  
25/07/2009 00:00:00,16.75,90.67,0.00,-0.00,0.00,332.27,3.08,104,102226  
25/07/2009 01:00:00,16.76,93.39,0.00,-0.00,0.00,331.58,2.96,104,102279  
25/07/2009 02:00:00,16.77,96.10,0.00,-0.00,0.00,330.90,2.84,105,102332  
25/07/2009 03:00:00,16.75,95.72,0.00,-0.00,0.00,329.55,2.45,105,102355  
25/07/2009 04:00:00,16.73,95.35,0.00,-0.00,0.00,328.20,2.05,104,102379  
25/07/2009 05:00:00,16.72,94.97,35.00,130.36,25.00,326.85,1.66,103,102402  
25/07/2009 06:00:00,17.05,85.86,190.00,499.89,69.00,327.23,1.76,99,102429  
25/07/2009 07:00:00,17.38,76.76,361.00,637.64,101.00,327.62,1.86,95,102455  
25/07/2009 08:00:00,17.72,67.65,519.00,671.99,141.00,328.00,1.96,91,102482  
25/07/2009 09:00:00,17.98,63.41,542.00,343.50,303.00,329.65,2.10,87,102485

25/07/2009 10:00:00,18.24,59.17,600.00,286.79,371.00,331.30,2.24,82,102489  
25/07/2009 11:00:00,18.50,54.93,713.00,399.47,368.00,332.95,2.39,78,102492  
25/07/2009 12:00:00,18.61,53.83,735.00,403.71,377.00,329.77,2.24,84,102465  
25/07/2009 13:00:00,18.72,52.72,857.00,762.99,196.00,326.58,2.09,90,102439  
25/07/2009 14:00:00,18.84,51.62,794.00,771.43,174.00,323.40,1.94,95,102412  
25/07/2009 15:00:00,18.72,53.04,682.00,749.49,155.00,322.22,1.77,99,102385  
25/07/2009 16:00:00,18.61,54.45,520.00,631.65,159.00,321.03,1.59,103,102359  
25/07/2009 17:00:00,18.50,55.87,378.00,672.57,97.00,319.85,1.41,106,102332  
25/07/2009 18:00:00,18.07,64.83,200.00,491.16,76.00,319.37,1.54,120,102319  
25/07/2009 19:00:00,17.64,73.79,40.00,115.25,30.00,318.88,1.66,133,102306  
25/07/2009 20:00:00,17.22,82.75,0.00,-0.00,0.00,318.40,1.79,147,102292  
25/07/2009 21:00:00,17.03,84.88,0.00,-0.00,0.00,317.98,1.73,170,102259  
25/07/2009 22:00:00,16.83,87.00,0.00,-0.00,0.00,317.57,1.66,194,102226  
25/07/2009 23:00:00,16.64,89.13,0.00,-0.00,0.00,317.15,1.60,218,102192  
26/07/2009 00:00:00,16.60,91.31,0.00,-0.00,0.00,316.90,2.06,239,102152  
26/07/2009 01:00:00,16.57,93.50,0.00,-0.00,0.00,316.65,2.53,259,102112  
26/07/2009 02:00:00,16.53,95.68,0.00,-0.00,0.00,316.40,2.99,280,102073  
26/07/2009 03:00:00,16.54,96.09,0.00,-0.00,0.00,316.72,2.54,280,102039  
26/07/2009 04:00:00,16.55,96.50,0.00,-0.00,0.00,317.03,2.09,280,102006  
26/07/2009 05:00:00,16.56,96.91,35.00,135.43,25.00,317.35,1.64,281,101973  
26/07/2009 06:00:00,17.17,85.30,179.00,421.88,78.00,317.88,1.63,290,101963  
26/07/2009 07:00:00,17.79,73.68,353.00,601.99,109.00,318.42,1.61,299,101953  
26/07/2009 08:00:00,18.41,62.07,525.00,708.56,128.00,318.95,1.60,308,101943  
26/07/2009 09:00:00,18.76,58.70,677.00,771.17,142.00,320.73,1.44,328,101903  
26/07/2009 10:00:00,19.12,55.33,776.00,740.64,186.00,322.52,1.28,348,101863  
26/07/2009 11:00:00,19.48,51.96,869.00,818.01,164.00,324.30,1.12,8,101823  
26/07/2009 12:00:00,19.74,50.12,933.00,948.00,94.00,324.23,1.29,19,101763  
26/07/2009 13:00:00,20.00,48.29,882.00,848.99,148.00,324.17,1.47,30,101703  
26/07/2009 14:00:00,20.27,46.45,828.00,901.67,105.00,324.10,1.64,41,101643  
26/07/2009 15:00:00,20.12,48.59,715.00,889.95,91.00,325.23,1.49,58,101590  
26/07/2009 16:00:00,19.98,50.72,545.00,755.22,115.00,326.37,1.34,75,101537  
26/07/2009 17:00:00,19.84,52.86,375.00,669.16,97.00,327.50,1.19,92,101483  
26/07/2009 18:00:00,19.34,63.53,197.00,488.23,75.00,328.05,1.46,114,101460  
26/07/2009 19:00:00,18.84,74.19,40.00,119.10,30.00,328.60,1.74,136,101437  
26/07/2009 20:00:00,18.35,84.86,0.00,-0.00,0.00,329.15,2.01,159,101414  
26/07/2009 21:00:00,18.03,88.18,0.00,-0.00,0.00,329.40,2.13,164,101367  
26/07/2009 22:00:00,17.71,91.50,0.00,-0.00,0.00,329.65,2.25,170,101320  
26/07/2009 23:00:00,17.39,94.82,0.00,-0.00,0.00,329.90,2.37,176,101274  
27/07/2009 00:00:00,17.30,95.32,0.00,-0.00,0.00,330.15,2.49,162,101250  
27/07/2009 01:00:00,17.20,95.83,0.00,-0.00,0.00,330.40,2.61,149,101227  
27/07/2009 02:00:00,17.10,96.33,0.00,-0.00,0.00,330.65,2.73,135,101204  
27/07/2009 03:00:00,17.14,95.43,0.00,-0.00,0.00,334.88,3.18,134,101211  
27/07/2009 04:00:00,17.19,94.53,0.00,-0.00,0.00,339.12,3.63,133,101217  
27/07/2009 05:00:00,17.24,93.63,3.00,0.00,3.00,343.35,4.08,132,101224  
27/07/2009 06:00:00,17.42,87.60,45.00,0.00,45.00,350.87,4.44,128,101267  
27/07/2009 07:00:00,17.60,81.57,51.00,0.00,51.00,358.38,4.79,124,101310  
27/07/2009 08:00:00,17.79,75.54,91.00,0.00,91.00,365.90,5.14,120,101354  
27/07/2009 09:00:00,17.85,71.20,570.00,425.05,276.00,364.75,5.42,116,101394  
27/07/2009 10:00:00,17.92,66.86,138.00,0.00,138.00,363.60,5.70,113,101434  
27/07/2009 11:00:00,17.99,62.52,651.00,286.05,405.00,362.45,5.97,109,101473

27/07/2009 12:00:00,18.20,60.71,798.00,551.40,311.00,358.23,5.97,107,101537  
27/07/2009 13:00:00,18.41,58.91,817.00,656.07,251.00,354.02,5.97,105,101600  
27/07/2009 14:00:00,18.63,57.10,802.00,813.83,151.00,349.80,5.97,103,101663  
27/07/2009 15:00:00,18.47,58.07,699.00,831.06,118.00,343.40,5.83,102,101696  
27/07/2009 16:00:00,18.31,59.03,532.00,703.54,133.00,337.00,5.69,101,101730  
27/07/2009 17:00:00,18.15,60.00,367.00,634.39,105.00,330.60,5.54,100,101763  
27/07/2009 18:00:00,17.79,63.95,190.00,444.97,80.00,334.88,4.80,101,101813  
27/07/2009 19:00:00,17.43,67.90,37.00,111.03,28.00,339.17,4.05,101,101863  
27/07/2009 20:00:00,17.08,71.85,0.00,-0.00,0.00,343.45,3.30,102,101913  
27/07/2009 21:00:00,16.91,76.20,0.00,-0.00,0.00,345.55,3.00,100,101919  
27/07/2009 22:00:00,16.75,80.56,0.00,-0.00,0.00,347.65,2.71,98,101926  
27/07/2009 23:00:00,16.58,84.91,0.00,-0.00,0.00,349.75,2.41,97,101933  
28/07/2009 00:00:00,16.60,87.67,0.00,-0.00,0.00,343.02,2.40,91,101953  
28/07/2009 01:00:00,16.62,90.42,0.00,-0.00,0.00,336.28,2.39,86,101973  
28/07/2009 02:00:00,16.64,93.18,0.00,-0.00,0.00,329.55,2.37,81,101993  
28/07/2009 03:00:00,16.70,92.91,0.00,-0.00,0.00,329.22,1.96,53,101989  
28/07/2009 04:00:00,16.77,92.64,0.00,-0.00,0.00,328.88,1.54,26,101986  
28/07/2009 05:00:00,16.84,92.37,6.00,0.00,6.00,328.55,1.13,359,101983  
28/07/2009 06:00:00,17.24,82.67,155.00,273.53,91.00,327.77,1.38,5,101989  
28/07/2009 07:00:00,17.64,72.96,351.00,621.95,102.00,326.98,1.63,10,101996  
28/07/2009 08:00:00,18.04,63.26,507.00,645.98,148.00,326.20,1.88,16,102003  
28/07/2009 09:00:00,18.33,59.19,456.00,179.82,332.00,325.78,1.87,19,101976  
28/07/2009 10:00:00,18.62,55.12,629.00,351.96,350.00,325.37,1.86,23,101949  
28/07/2009 11:00:00,18.92,51.05,672.00,326.30,392.00,324.95,1.85,27,101923  
28/07/2009 12:00:00,18.98,51.19,628.00,222.39,432.00,322.92,1.69,33,101883  
28/07/2009 13:00:00,19.05,51.33,693.00,362.45,381.00,320.88,1.54,39,101843  
28/07/2009 14:00:00,19.12,51.47,697.00,500.05,298.00,318.85,1.38,46,101803  
28/07/2009 15:00:00,19.11,52.93,658.00,682.96,182.00,320.45,1.29,66,101780  
28/07/2009 16:00:00,19.10,54.39,519.00,653.32,150.00,322.05,1.20,86,101756  
28/07/2009 17:00:00,19.09,55.85,353.00,570.10,119.00,323.65,1.10,106,101733  
28/07/2009 18:00:00,18.73,65.19,192.00,482.74,74.00,324.25,1.43,123,101736  
28/07/2009 19:00:00,18.36,74.52,42.00,204.96,26.00,324.85,1.77,139,101740  
28/07/2009 20:00:00,18.00,83.86,0.00,-0.00,0.00,325.45,2.10,156,101743  
28/07/2009 21:00:00,17.77,85.88,0.00,-0.00,0.00,324.50,2.13,165,101720  
28/07/2009 22:00:00,17.53,87.91,0.00,-0.00,0.00,323.55,2.16,174,101696  
28/07/2009 23:00:00,17.30,89.93,0.00,-0.00,0.00,322.60,2.19,183,101673  
29/07/2009 00:00:00,17.17,91.88,0.00,-0.00,0.00,319.97,1.99,182,101657  
29/07/2009 01:00:00,17.03,93.82,0.00,-0.00,0.00,317.33,1.79,181,101640  
29/07/2009 02:00:00,16.90,95.77,0.00,-0.00,0.00,314.70,1.59,180,101623  
29/07/2009 03:00:00,16.90,96.69,0.00,-0.00,0.00,315.83,1.43,190,101610  
29/07/2009 04:00:00,16.90,97.61,0.00,-0.00,0.00,316.97,1.27,200,101597  
29/07/2009 05:00:00,16.91,98.53,22.00,46.19,19.00,318.10,1.12,209,101583  
29/07/2009 06:00:00,17.42,88.63,158.00,311.41,86.00,320.83,1.15,187,101593  
29/07/2009 07:00:00,17.93,78.73,232.00,133.23,179.00,323.57,1.19,165,101603  
29/07/2009 08:00:00,18.45,68.83,419.00,330.67,236.00,326.30,1.23,142,101613  
29/07/2009 09:00:00,18.70,64.74,546.00,368.05,293.00,328.57,1.86,122,101577  
29/07/2009 10:00:00,18.95,60.66,610.00,317.45,359.00,330.83,2.50,102,101540  
29/07/2009 11:00:00,19.19,56.57,863.00,817.60,163.00,333.10,3.13,82,101503  
29/07/2009 12:00:00,19.36,56.46,905.00,869.89,140.00,334.92,4.64,79,101483  
29/07/2009 13:00:00,19.52,56.34,614.00,227.05,419.00,336.73,6.16,75,101463

29/07/2009 14:00:00,19.69,56.23,620.00,327.95,359.00,338.55,7.67,72,101444  
29/07/2009 15:00:00,19.50,63.67,422.00,122.35,337.00,343.93,8.08,72,101467  
29/07/2009 16:00:00,19.31,71.10,224.00,14.22,216.00,349.32,8.50,72,101490  
29/07/2009 17:00:00,19.12,78.54,175.00,29.42,163.00,354.70,8.91,72,101513  
29/07/2009 18:00:00,18.56,81.29,17.00,0.00,17.00,356.07,8.29,76,101580  
29/07/2009 19:00:00,18.00,84.05,21.00,13.34,20.00,357.43,7.67,80,101647  
29/07/2009 20:00:00,17.45,86.80,0.00,-0.00,0.00,358.80,7.05,84,101713  
29/07/2009 21:00:00,17.12,85.70,0.00,-0.00,0.00,359.85,6.61,91,101783  
29/07/2009 22:00:00,16.78,84.60,0.00,-0.00,0.00,360.90,6.17,97,101853  
29/07/2009 23:00:00,16.45,83.50,0.00,-0.00,0.00,361.95,5.72,103,101923  
30/07/2009 00:00:00,16.32,84.77,0.00,-0.00,0.00,370.43,5.05,109,102003  
30/07/2009 01:00:00,16.18,86.04,0.00,-0.00,0.00,378.92,4.37,115,102083  
30/07/2009 02:00:00,16.05,87.31,0.00,-0.00,0.00,387.40,3.70,121,102162  
30/07/2009 03:00:00,16.10,86.86,0.00,-0.00,0.00,383.52,3.23,120,102199  
30/07/2009 04:00:00,16.15,86.42,0.00,-0.00,0.00,379.63,2.76,119,102236  
30/07/2009 05:00:00,16.21,85.97,14.00,0.00,14.00,375.75,2.29,118,102272  
30/07/2009 06:00:00,16.47,78.58,146.00,240.81,91.00,374.07,2.24,114,102322  
30/07/2009 07:00:00,16.73,71.19,246.00,174.58,177.00,372.38,2.19,110,102372  
30/07/2009 08:00:00,17.00,63.80,504.00,655.12,143.00,370.70,2.14,106,102422  
30/07/2009 09:00:00,17.15,59.63,421.00,131.34,331.00,367.95,2.32,104,102415  
30/07/2009 10:00:00,17.31,55.46,682.00,486.93,298.00,365.20,2.50,101,102409  
30/07/2009 11:00:00,17.47,51.29,678.00,344.19,384.00,362.45,2.68,99,102402  
30/07/2009 12:00:00,17.76,49.34,843.00,686.09,241.00,349.27,3.07,102,102395  
30/07/2009 13:00:00,18.05,47.38,869.00,833.32,155.00,336.08,3.46,105,102389  
30/07/2009 14:00:00,18.34,45.43,709.00,544.27,277.00,322.90,3.85,108,102382  
30/07/2009 15:00:00,18.20,47.60,643.00,644.10,197.00,321.03,3.67,113,102369  
30/07/2009 16:00:00,18.07,49.76,487.00,539.39,185.00,319.17,3.50,118,102355  
30/07/2009 17:00:00,17.94,51.93,276.00,244.39,177.00,317.30,3.32,122,102342  
30/07/2009 18:00:00,17.60,58.15,94.00,29.34,87.00,318.70,2.96,127,102359  
30/07/2009 19:00:00,17.26,64.38,11.00,0.00,11.00,320.10,2.60,131,102375  
30/07/2009 20:00:00,16.92,70.60,0.00,-0.00,0.00,321.50,2.23,136,102392  
30/07/2009 21:00:00,16.78,74.50,0.00,-0.00,0.00,321.70,2.33,151,102365  
30/07/2009 22:00:00,16.64,78.40,0.00,-0.00,0.00,321.90,2.42,167,102339  
30/07/2009 23:00:00,16.49,82.30,0.00,-0.00,0.00,322.10,2.51,182,102312  
31/07/2009 00:00:00,16.36,84.92,0.00,-0.00,0.00,322.88,2.65,195,102269  
31/07/2009 01:00:00,16.23,87.55,0.00,-0.00,0.00,323.67,2.79,208,102226  
31/07/2009 02:00:00,16.10,90.17,0.00,-0.00,0.00,324.45,2.92,221,102182  
31/07/2009 03:00:00,16.16,88.48,0.00,-0.00,0.00,321.77,2.57,230,102146  
31/07/2009 04:00:00,16.22,86.78,0.00,-0.00,0.00,319.08,2.22,238,102109  
31/07/2009 05:00:00,16.29,85.09,23.00,85.00,18.00,316.40,1.86,246,102073  
31/07/2009 06:00:00,16.88,75.88,90.00,35.47,82.00,314.80,1.96,258,102059  
31/07/2009 07:00:00,17.48,66.66,186.00,53.49,165.00,313.20,2.06,270,102046  
31/07/2009 08:00:00,18.08,57.45,380.00,235.13,251.00,311.60,2.17,282,102033  
31/07/2009 09:00:00,18.57,53.52,535.00,349.93,296.00,312.98,1.99,301,101969  
31/07/2009 10:00:00,19.06,49.60,782.00,793.39,158.00,314.37,1.81,321,101906  
31/07/2009 11:00:00,19.55,45.67,815.00,679.47,236.00,315.75,1.63,340,101843  
31/07/2009 12:00:00,19.55,45.17,836.00,672.84,247.00,316.50,1.90,5,101793  
31/07/2009 13:00:00,19.55,44.68,796.00,617.75,268.00,317.25,2.17,30,101743  
31/07/2009 14:00:00,19.55,44.18,785.00,783.32,165.00,318.00,2.44,55,101693  
31/07/2009 15:00:00,19.36,47.06,651.00,681.10,181.00,318.55,2.57,68,101657

31/07/2009 16:00:00,18.46,63.62,484.00,538.31,184.00,317.90,2.61,82,101620  
31/07/2009 17:00:00,18.36,65.81,298.00,333.10,164.00,319.88,2.58,96,101583  
31/07/2009 18:00:00,18.27,67.99,141.00,182.55,98.00,321.86,2.55,100,101570  
31/07/2009 19:00:00,18.17,70.17,33.00,131.42,24.00,323.83,2.51,105,101557  
31/07/2009 20:00:00,18.07,72.35,0.00,-0.00,0.00,325.81,2.48,109,101543  
31/07/2009 21:00:00,17.98,74.54,0.00,-0.00,0.00,327.78,2.45,107,101500  
31/07/2009 22:00:00,17.88,76.72,0.00,-0.00,0.00,329.76,2.41,105,101457  
31/07/2009 23:00:00,17.79,78.90,0.00,-0.00,0.00,331.74,2.38,103,101414  
01/08/2012 00:00:00,17.69,81.08,0.00,-0.00,0.00,333.71,2.35,75,101796  
01/08/2012 01:00:00,17.59,83.27,0.00,-0.00,0.00,335.69,2.31,63,101780  
01/08/2012 02:00:00,17.50,85.45,0.00,-0.00,0.00,337.67,2.28,51,101763  
01/08/2012 03:00:00,17.40,87.63,0.00,-0.00,0.00,339.64,2.25,46,101753  
01/08/2012 04:00:00,17.30,89.81,0.00,-0.00,0.00,341.62,2.22,41,101743  
01/08/2012 05:00:00,17.21,91.99,16.00,17.95,15.00,343.59,2.18,36,101733  
01/08/2012 06:00:00,17.11,94.18,166.00,426.63,71.00,345.57,2.15,41,101756  
01/08/2012 07:00:00,17.02,96.36,340.00,607.73,103.00,347.55,2.12,46,101780  
01/08/2012 08:00:00,18.52,67.79,514.00,717.68,122.00,349.30,3.30,51,101803  
01/08/2012 09:00:00,18.72,65.25,669.00,784.46,135.00,343.82,2.86,47,101763  
01/08/2012 10:00:00,18.92,62.71,790.00,824.89,143.00,338.33,2.42,42,101723  
01/08/2012 11:00:00,19.12,60.17,868.00,849.38,146.00,332.85,1.99,38,101683  
01/08/2012 12:00:00,19.42,58.45,901.00,872.55,139.00,331.20,1.90,15,101627  
01/08/2012 13:00:00,19.71,56.73,868.00,836.31,155.00,329.55,1.82,352,101570  
01/08/2012 14:00:00,20.01,55.01,801.00,843.88,135.00,327.90,1.74,328,101513  
01/08/2012 15:00:00,20.23,55.40,679.00,789.70,136.00,329.93,1.24,308,101460  
01/08/2012 16:00:00,20.46,55.80,532.00,753.65,114.00,331.97,0.74,288,101407  
01/08/2012 17:00:00,20.69,56.19,357.00,641.01,101.00,334.00,0.23,268,101354  
01/08/2012 18:00:00,20.28,60.22,182.00,477.62,71.00,336.95,0.77,254,101330  
01/08/2012 19:00:00,19.87,64.26,26.00,76.80,21.00,339.90,1.31,241,101307  
01/08/2012 20:00:00,19.47,68.29,0.00,-0.00,0.00,342.85,1.85,227,101284  
01/08/2012 21:00:00,19.20,75.85,0.00,-0.00,0.00,344.83,1.96,231,101230  
01/08/2012 22:00:00,18.92,83.40,0.00,-0.00,0.00,346.82,2.07,234,101177  
01/08/2012 23:00:00,18.65,90.96,0.00,-0.00,0.00,348.80,2.18,237,101124  
02/08/2012 00:00:00,18.42,87.84,0.00,-0.00,0.00,351.12,2.19,237,101081  
02/08/2012 01:00:00,18.19,84.72,0.00,-0.00,0.00,353.43,2.21,236,101037  
02/08/2012 02:00:00,17.96,81.60,0.00,-0.00,0.00,355.75,2.22,235,100994  
02/08/2012 03:00:00,18.00,82.76,0.00,-0.00,0.00,354.43,1.99,191,100964  
02/08/2012 04:00:00,18.04,83.92,0.00,-0.00,0.00,353.12,1.75,148,100934  
02/08/2012 05:00:00,18.08,85.08,3.00,0.00,3.00,351.80,1.52,105,100904  
02/08/2012 06:00:00,18.42,78.84,144.00,273.03,84.00,350.53,2.34,101,100924  
02/08/2012 07:00:00,18.75,72.61,186.00,56.80,164.00,349.27,3.16,98,100944  
02/08/2012 08:00:00,19.09,66.37,313.00,108.51,254.00,348.00,3.99,94,100964  
02/08/2012 09:00:00,19.21,64.42,436.00,159.20,328.00,352.48,4.86,88,100968  
02/08/2012 10:00:00,19.33,62.48,699.00,547.21,271.00,356.97,5.74,81,100971  
02/08/2012 11:00:00,19.45,60.53,447.00,56.61,399.00,361.45,6.62,75,100974  
02/08/2012 12:00:00,19.45,63.50,627.00,230.73,426.00,359.70,6.76,73,100981  
02/08/2012 13:00:00,19.45,66.46,628.00,258.72,408.00,357.95,6.90,71,100988  
02/08/2012 14:00:00,19.46,69.43,677.00,472.77,305.00,356.20,7.03,69,100994  
02/08/2012 15:00:00,19.25,72.79,211.00,0.00,211.00,357.37,6.80,67,101011  
02/08/2012 16:00:00,19.03,76.16,83.00,0.00,83.00,358.53,6.57,66,101027  
02/08/2012 17:00:00,18.82,79.52,150.00,12.61,145.00,359.70,6.33,64,101044

02/08/2012 18:00:00,18.52,82.99,57.00,0.00,57.00,359.43,5.56,63,101091  
02/08/2012 19:00:00,18.21,86.45,3.00,0.00,3.00,359.17,4.80,61,101137  
02/08/2012 20:00:00,17.91,89.92,0.00,-0.00,0.00,358.90,4.03,60,101184  
02/08/2012 21:00:00,17.72,90.96,0.00,-0.00,0.00,356.50,3.77,61,101191  
02/08/2012 22:00:00,17.53,91.99,0.00,-0.00,0.00,354.10,3.51,63,101197  
02/08/2012 23:00:00,17.34,93.03,0.00,-0.00,0.00,351.70,3.26,64,101204  
03/08/2012 00:00:00,17.48,93.55,0.00,-0.00,0.00,349.78,3.00,65,101234  
03/08/2012 01:00:00,17.63,94.08,0.00,-0.00,0.00,347.87,2.75,65,101264  
03/08/2012 02:00:00,17.78,94.60,0.00,-0.00,0.00,345.95,2.50,65,101294  
03/08/2012 03:00:00,17.89,94.25,0.00,-0.00,0.00,346.77,2.66,63,101304  
03/08/2012 04:00:00,18.00,93.91,0.00,-0.00,0.00,347.58,2.82,62,101314  
03/08/2012 05:00:00,18.10,93.56,2.00,0.00,2.00,348.40,2.98,60,101324  
03/08/2012 06:00:00,18.34,88.42,22.00,0.00,22.00,349.55,3.41,61,101360  
03/08/2012 07:00:00,18.57,83.29,332.00,592.85,104.00,350.70,3.84,62,101397  
03/08/2012 08:00:00,18.80,78.15,426.00,384.31,218.00,351.85,4.28,62,101434  
03/08/2012 09:00:00,18.87,74.19,521.00,329.85,298.00,351.40,4.75,64,101440  
03/08/2012 10:00:00,18.94,70.24,657.00,439.79,314.00,350.95,5.22,65,101447  
03/08/2012 11:00:00,19.01,66.28,811.00,687.01,230.00,350.50,5.70,67,101453  
03/08/2012 12:00:00,19.12,63.39,653.00,275.05,414.00,348.97,6.04,69,101467  
03/08/2012 13:00:00,19.23,60.51,761.00,540.08,303.00,347.43,6.38,71,101480  
03/08/2012 14:00:00,19.34,57.62,667.00,452.57,312.00,345.90,6.72,73,101493  
03/08/2012 15:00:00,19.17,60.60,650.00,701.90,171.00,343.15,6.32,74,101503  
03/08/2012 16:00:00,19.00,63.57,505.00,659.35,143.00,340.40,5.93,75,101513  
03/08/2012 17:00:00,18.82,66.55,263.00,226.30,174.00,337.65,5.53,76,101523  
03/08/2012 18:00:00,18.57,70.98,141.00,216.99,92.00,338.42,4.75,75,101553  
03/08/2012 19:00:00,18.31,75.42,3.00,0.00,3.00,339.18,3.97,74,101583  
03/08/2012 20:00:00,18.06,79.85,0.00,-0.00,0.00,339.95,3.19,73,101613  
03/08/2012 21:00:00,18.07,82.31,0.00,-0.00,0.00,341.33,3.10,69,101603  
03/08/2012 22:00:00,18.08,84.76,0.00,-0.00,0.00,342.72,3.01,64,101593  
03/08/2012 23:00:00,18.10,87.22,0.00,-0.00,0.00,344.10,2.92,60,101583  
04/08/2012 00:00:00,18.10,87.29,0.00,-0.00,0.00,345.67,3.02,57,101587  
04/08/2012 01:00:00,18.11,87.37,0.00,-0.00,0.00,347.23,3.12,54,101590  
04/08/2012 02:00:00,18.11,87.44,0.00,-0.00,0.00,348.80,3.21,51,101593  
04/08/2012 03:00:00,18.24,87.15,0.00,-0.00,0.00,347.58,3.36,50,101587  
04/08/2012 04:00:00,18.36,86.85,0.00,-0.00,0.00,346.37,3.50,48,101580  
04/08/2012 05:00:00,18.49,86.56,2.00,0.00,2.00,345.15,3.64,47,101573  
04/08/2012 06:00:00,18.67,83.32,159.00,430.24,67.00,346.07,4.43,50,101583  
04/08/2012 07:00:00,18.85,80.07,329.00,589.26,104.00,346.98,5.21,54,101593  
04/08/2012 08:00:00,19.04,76.83,473.00,569.91,166.00,347.90,6.00,58,101603  
04/08/2012 09:00:00,19.04,74.58,570.00,467.58,255.00,351.22,6.10,59,101587  
04/08/2012 10:00:00,19.05,72.33,91.00,0.00,91.00,354.53,6.20,59,101570  
04/08/2012 11:00:00,19.05,70.08,689.00,382.95,366.00,357.85,6.30,60,101553  
04/08/2012 12:00:00,19.16,66.28,725.00,416.54,364.00,354.03,6.45,63,101547  
04/08/2012 13:00:00,19.28,62.47,669.00,339.38,382.00,350.22,6.59,66,101540  
04/08/2012 14:00:00,19.40,58.67,758.00,722.59,193.00,346.40,6.73,69,101533  
04/08/2012 15:00:00,19.24,61.41,664.00,767.96,142.00,343.17,6.21,71,101523  
04/08/2012 16:00:00,19.09,64.15,516.00,719.67,123.00,339.93,5.68,72,101513  
04/08/2012 17:00:00,18.93,66.89,286.00,320.43,161.00,336.70,5.16,74,101503  
04/08/2012 18:00:00,18.60,72.29,175.00,494.63,65.00,334.97,4.38,72,101503  
04/08/2012 19:00:00,18.26,77.69,3.00,0.00,3.00,333.23,3.60,71,101503



04/08/2012 20:00:00,17.93,83.09,0.00,-0.00,0.00,331.50,2.83,69,101503  
04/08/2012 21:00:00,17.93,84.94,0.00,-0.00,0.00,331.37,3.15,63,101473  
04/08/2012 22:00:00,17.93,86.78,0.00,-0.00,0.00,331.23,3.48,57,101444  
04/08/2012 23:00:00,17.93,88.63,0.00,-0.00,0.00,331.10,3.81,50,101414  
05/08/2012 00:00:00,17.99,88.91,0.00,-0.00,0.00,335.38,3.80,51,101394  
05/08/2012 01:00:00,18.06,89.20,0.00,-0.00,0.00,339.67,3.79,52,101374  
05/08/2012 02:00:00,18.12,89.48,0.00,-0.00,0.00,343.95,3.78,52,101354  
05/08/2012 03:00:00,18.21,89.99,0.00,-0.00,0.00,341.27,3.60,50,101327  
05/08/2012 04:00:00,18.30,90.49,0.00,-0.00,0.00,338.58,3.43,49,101300  
05/08/2012 05:00:00,18.40,91.00,2.00,0.00,2.00,335.90,3.26,47,101274  
05/08/2012 06:00:00,18.58,87.42,153.00,398.44,69.00,336.70,3.88,48,101264  
05/08/2012 07:00:00,18.76,83.84,340.00,675.36,84.00,337.50,4.51,49,101254  
05/08/2012 08:00:00,18.94,80.26,463.00,537.21,175.00,338.30,5.13,51,101244  
05/08/2012 09:00:00,18.93,75.83,537.00,379.89,282.00,340.88,5.20,52,101214  
05/08/2012 10:00:00,18.93,71.41,527.00,189.60,380.00,343.47,5.26,53,101184  
05/08/2012 11:00:00,18.92,66.98,593.00,215.18,412.00,346.05,5.32,54,101154  
05/08/2012 12:00:00,18.94,67.48,491.00,80.99,421.00,348.63,5.46,57,101141  
05/08/2012 13:00:00,18.96,67.99,311.00,4.74,307.00,351.22,5.60,59,101127  
05/08/2012 14:00:00,18.99,68.49,515.00,166.81,385.00,353.80,5.74,62,101114  
05/08/2012 15:00:00,18.79,69.38,586.00,500.78,247.00,352.70,5.41,65,101081  
05/08/2012 16:00:00,18.58,70.27,430.00,386.69,220.00,351.60,5.08,67,101047  
05/08/2012 17:00:00,18.38,71.16,197.00,72.38,169.00,350.50,4.74,69,101014  
05/08/2012 18:00:00,18.07,75.36,151.00,310.69,83.00,347.52,3.85,66,101011  
05/08/2012 19:00:00,17.76,79.55,3.00,0.00,3.00,344.53,2.96,63,101008  
05/08/2012 20:00:00,17.45,83.75,0.00,-0.00,0.00,341.55,2.07,60,101004  
05/08/2012 21:00:00,17.41,86.53,0.00,-0.00,0.00,342.13,2.03,56,100978  
05/08/2012 22:00:00,17.37,89.30,0.00,-0.00,0.00,342.72,2.00,53,100951  
05/08/2012 23:00:00,17.33,92.08,0.00,-0.00,0.00,343.30,1.96,49,100924  
06/08/2012 00:00:00,17.39,93.15,0.00,-0.00,0.00,347.42,1.91,47,100904  
06/08/2012 01:00:00,17.45,94.21,0.00,-0.00,0.00,351.53,1.87,44,100884  
06/08/2012 02:00:00,17.51,95.28,0.00,-0.00,0.00,355.65,1.82,42,100864  
06/08/2012 03:00:00,17.58,94.86,0.00,-0.00,0.00,356.23,2.03,40,100834  
06/08/2012 04:00:00,17.65,94.44,0.00,-0.00,0.00,356.82,2.24,38,100804  
06/08/2012 05:00:00,17.73,94.02,2.00,0.00,2.00,357.40,2.46,36,100775  
06/08/2012 06:00:00,17.84,91.32,157.00,457.20,62.00,356.38,2.95,38,100778  
06/08/2012 07:00:00,17.96,88.62,327.00,608.63,98.00,355.37,3.45,39,100781  
06/08/2012 08:00:00,18.08,85.92,463.00,547.34,171.00,354.35,3.94,41,100785  
06/08/2012 09:00:00,18.11,82.23,370.00,80.74,316.00,354.18,4.37,44,100765  
06/08/2012 10:00:00,18.15,78.55,264.00,2.59,262.00,354.02,4.79,48,100745  
06/08/2012 11:00:00,18.18,74.86,451.00,63.19,398.00,353.85,5.21,51,100725  
06/08/2012 12:00:00,18.44,69.37,527.00,114.86,428.00,353.92,5.77,54,100731  
06/08/2012 13:00:00,18.70,63.87,553.00,159.38,419.00,353.98,6.33,58,100738  
06/08/2012 14:00:00,18.96,58.38,401.00,51.50,361.00,354.05,6.88,61,100745  
06/08/2012 15:00:00,18.80,60.32,617.00,612.70,204.00,353.33,6.64,63,100735  
06/08/2012 16:00:00,18.64,62.27,467.00,531.52,180.00,352.62,6.40,64,100725  
06/08/2012 17:00:00,18.48,64.21,315.00,487.66,128.00,351.90,6.15,66,100715  
06/08/2012 18:00:00,18.16,69.05,101.00,69.69,86.00,351.43,5.52,65,100748  
06/08/2012 19:00:00,17.84,73.90,2.00,0.00,2.00,350.97,4.89,64,100781  
06/08/2012 20:00:00,17.52,78.74,0.00,-0.00,0.00,350.50,4.26,63,100814  
06/08/2012 21:00:00,17.44,82.07,0.00,-0.00,0.00,349.33,3.96,64,100838

06/08/2012 22:00:00,17.37,85.40,0.00,-0.00,0.00,348.17,3.66,66,100861  
06/08/2012 23:00:00,17.30,88.73,0.00,-0.00,0.00,347.00,3.37,68,100884  
07/08/2012 00:00:00,17.33,89.03,0.00,-0.00,0.00,344.52,3.26,71,100938  
07/08/2012 01:00:00,17.37,89.33,0.00,-0.00,0.00,342.03,3.16,74,100991  
07/08/2012 02:00:00,17.40,89.63,0.00,-0.00,0.00,339.55,3.06,77,101044  
07/08/2012 03:00:00,17.40,89.92,0.00,-0.00,0.00,338.65,3.03,76,101077  
07/08/2012 04:00:00,17.40,90.20,0.00,-0.00,0.00,337.75,2.99,75,101111  
07/08/2012 05:00:00,17.41,90.49,0.00,0.00,0.00,336.85,2.95,75,101144  
07/08/2012 06:00:00,17.54,83.76,111.00,131.89,84.00,338.07,3.55,76,101211  
07/08/2012 07:00:00,17.68,77.03,326.00,615.94,96.00,339.28,4.16,78,101277  
07/08/2012 08:00:00,17.82,70.30,323.00,139.40,249.00,340.50,4.76,80,101344  
07/08/2012 09:00:00,17.82,68.78,400.00,118.57,321.00,342.00,5.03,79,101370  
07/08/2012 10:00:00,17.81,67.27,636.00,410.12,320.00,343.50,5.29,79,101397  
07/08/2012 11:00:00,17.81,65.75,656.00,328.79,381.00,345.00,5.56,78,101424  
07/08/2012 12:00:00,18.01,64.85,460.00,60.50,408.00,344.55,5.71,78,101477  
07/08/2012 13:00:00,18.21,63.95,778.00,609.66,267.00,344.10,5.86,78,101530  
07/08/2012 14:00:00,18.41,63.05,621.00,364.38,339.00,343.65,6.01,77,101583  
07/08/2012 15:00:00,18.25,65.01,628.00,661.58,184.00,344.58,5.69,77,101617  
07/08/2012 16:00:00,18.10,66.96,391.00,281.32,240.00,345.52,5.36,78,101650  
07/08/2012 17:00:00,17.94,68.92,272.00,297.36,159.00,346.45,5.03,78,101683  
07/08/2012 18:00:00,17.70,72.62,149.00,345.08,76.00,345.37,4.38,77,101740  
07/08/2012 19:00:00,17.45,76.33,2.00,0.00,2.00,344.28,3.73,76,101796  
07/08/2012 20:00:00,17.20,80.03,0.00,-0.00,0.00,343.20,3.08,74,101853  
07/08/2012 21:00:00,17.21,83.70,0.00,-0.00,0.00,340.58,2.71,74,101886  
07/08/2012 22:00:00,17.22,87.38,0.00,-0.00,0.00,337.97,2.34,73,101919  
07/08/2012 23:00:00,17.23,91.05,0.00,-0.00,0.00,335.35,1.97,72,101953  
08/08/2012 00:00:00,17.28,92.11,0.00,-0.00,0.00,336.58,1.83,65,101979  
08/08/2012 01:00:00,17.34,93.16,0.00,-0.00,0.00,337.82,1.68,59,102006  
08/08/2012 02:00:00,17.39,94.22,0.00,-0.00,0.00,339.05,1.53,53,102033  
08/08/2012 03:00:00,17.54,94.19,0.00,-0.00,0.00,338.23,1.64,49,102059  
08/08/2012 04:00:00,17.69,94.17,0.00,-0.00,0.00,337.42,1.74,44,102086  
08/08/2012 05:00:00,17.84,94.14,0.00,0.00,0.00,336.60,1.85,40,102112  
08/08/2012 06:00:00,18.12,84.93,139.00,332.31,72.00,336.60,2.06,47,102136  
08/08/2012 07:00:00,18.39,75.71,311.00,542.44,110.00,336.60,2.28,53,102159  
08/08/2012 08:00:00,18.66,66.50,488.00,681.59,128.00,336.60,2.50,59,102182  
08/08/2012 09:00:00,18.77,62.86,374.00,88.89,315.00,337.48,2.52,61,102182  
08/08/2012 10:00:00,18.88,59.22,773.00,828.07,137.00,338.37,2.55,62,102182  
08/08/2012 11:00:00,18.99,55.58,685.00,392.11,358.00,339.25,2.58,64,102182  
08/08/2012 12:00:00,19.18,53.63,825.00,690.80,233.00,336.82,2.44,77,102186  
08/08/2012 13:00:00,19.38,51.69,858.00,868.90,132.00,334.38,2.30,90,102189  
08/08/2012 14:00:00,19.58,49.74,782.00,846.82,129.00,331.95,2.17,104,102192  
08/08/2012 15:00:00,19.47,51.85,668.00,833.72,111.00,331.80,2.09,125,102176  
08/08/2012 16:00:00,19.35,53.95,510.00,753.54,108.00,331.65,2.02,146,102159  
08/08/2012 17:00:00,19.24,56.06,342.00,693.28,81.00,331.50,1.94,167,102142  
08/08/2012 18:00:00,18.87,65.33,145.00,336.95,75.00,332.10,1.94,174,102169  
08/08/2012 19:00:00,18.50,74.59,2.00,0.00,2.00,332.70,1.93,181,102196  
08/08/2012 20:00:00,18.13,83.86,0.00,-0.00,0.00,333.30,1.92,189,102222  
08/08/2012 21:00:00,18.04,85.89,0.00,-0.00,0.00,333.80,1.88,198,102212  
08/08/2012 22:00:00,17.95,87.93,0.00,-0.00,0.00,334.30,1.83,208,102202  
08/08/2012 23:00:00,17.87,89.96,0.00,-0.00,0.00,334.80,1.79,218,102192

09/08/2012 00:00:00,17.79,90.64,0.00,-0.00,0.00,331.57,1.81,226,102189  
09/08/2012 01:00:00,17.72,91.33,0.00,-0.00,0.00,328.33,1.83,235,102186  
09/08/2012 02:00:00,17.64,92.01,0.00,-0.00,0.00,325.10,1.85,243,102182  
09/08/2012 03:00:00,17.67,89.92,0.00,-0.00,0.00,324.38,1.99,246,102189  
09/08/2012 04:00:00,17.69,87.84,0.00,-0.00,0.00,323.67,2.12,248,102196  
09/08/2012 05:00:00,17.72,85.75,0.00,0.00,0.00,322.95,2.26,251,102202  
09/08/2012 06:00:00,18.27,77.01,143.00,398.00,64.00,322.62,2.51,250,102209  
09/08/2012 07:00:00,18.83,68.27,323.00,633.75,90.00,322.28,2.77,249,102216  
09/08/2012 08:00:00,19.38,59.53,503.00,768.84,99.00,321.95,3.02,248,102222  
09/08/2012 09:00:00,19.92,56.31,648.00,784.96,129.00,323.43,3.20,248,102199  
09/08/2012 10:00:00,20.47,53.10,786.00,886.95,107.00,324.92,3.38,249,102176  
09/08/2012 11:00:00,21.01,49.88,849.00,851.52,141.00,326.40,3.56,249,102152  
09/08/2012 12:00:00,21.45,48.15,885.00,889.51,125.00,328.70,3.57,251,102109  
09/08/2012 13:00:00,21.89,46.41,847.00,838.10,149.00,331.00,3.59,253,102066  
09/08/2012 14:00:00,22.33,44.68,783.00,860.42,122.00,333.30,3.60,255,102023  
09/08/2012 15:00:00,22.27,46.63,668.00,846.65,105.00,335.65,3.43,250,102006  
09/08/2012 16:00:00,22.20,48.58,506.00,750.78,108.00,338.00,3.25,246,101989  
09/08/2012 17:00:00,22.14,50.53,335.00,667.85,86.00,340.35,3.08,242,101973  
09/08/2012 18:00:00,21.79,54.76,159.00,485.62,60.00,341.72,3.07,241,102003  
09/08/2012 19:00:00,21.43,58.99,0.00,0.00,0.00,343.08,3.07,241,102033  
09/08/2012 20:00:00,21.07,63.22,0.00,-0.00,0.00,344.45,3.06,240,102063  
09/08/2012 21:00:00,20.85,64.19,0.00,-0.00,0.00,343.70,2.95,243,102066  
09/08/2012 22:00:00,20.63,65.16,0.00,-0.00,0.00,342.95,2.83,246,102069  
09/08/2012 23:00:00,20.41,66.13,0.00,-0.00,0.00,342.20,2.72,250,102073  
10/08/2012 00:00:00,20.13,67.98,0.00,-0.00,0.00,340.43,2.82,250,102073  
10/08/2012 01:00:00,19.86,69.82,0.00,-0.00,0.00,338.67,2.93,250,102073  
10/08/2012 02:00:00,19.59,71.67,0.00,-0.00,0.00,336.90,3.03,250,102073  
10/08/2012 03:00:00,19.47,72.65,0.00,-0.00,0.00,335.82,3.29,249,102086  
10/08/2012 04:00:00,19.34,73.62,0.00,-0.00,0.00,334.73,3.54,249,102099  
10/08/2012 05:00:00,19.22,74.60,0.00,0.00,0.00,333.65,3.79,248,102112  
10/08/2012 06:00:00,19.65,69.53,150.00,496.57,53.00,333.00,3.94,248,102146  
10/08/2012 07:00:00,20.08,64.45,315.00,600.45,96.00,332.35,4.08,248,102179  
10/08/2012 08:00:00,20.52,59.38,495.00,742.26,107.00,331.70,4.22,249,102212  
10/08/2012 09:00:00,21.11,54.76,616.00,666.60,177.00,332.73,4.45,248,102199  
10/08/2012 10:00:00,21.69,50.15,752.00,770.65,164.00,333.77,4.67,247,102186  
10/08/2012 11:00:00,22.28,45.53,846.00,850.53,141.00,334.80,4.90,246,102172  
10/08/2012 12:00:00,22.73,43.85,860.00,814.77,166.00,337.15,4.78,246,102129  
10/08/2012 13:00:00,23.18,42.18,857.00,883.06,124.00,339.50,4.67,245,102086  
10/08/2012 14:00:00,23.63,40.50,784.00,874.20,115.00,341.85,4.55,245,102043  
10/08/2012 15:00:00,23.57,42.68,665.00,846.20,105.00,343.63,4.03,241,102033  
10/08/2012 16:00:00,23.52,44.86,503.00,750.00,108.00,345.42,3.50,237,102023  
10/08/2012 17:00:00,23.46,47.04,330.00,655.61,88.00,347.20,2.98,233,102013  
10/08/2012 18:00:00,23.05,51.06,152.00,450.24,62.00,347.65,3.19,235,102049  
10/08/2012 19:00:00,22.63,55.09,0.00,0.00,0.00,348.10,3.39,236,102086  
10/08/2012 20:00:00,22.22,59.11,0.00,-0.00,0.00,348.55,3.60,238,102122  
10/08/2012 21:00:00,21.91,60.99,0.00,-0.00,0.00,347.30,3.49,241,102129  
10/08/2012 22:00:00,21.61,62.86,0.00,-0.00,0.00,346.05,3.39,244,102136  
10/08/2012 23:00:00,21.31,64.74,0.00,-0.00,0.00,344.80,3.28,248,102142  
11/08/2012 00:00:00,20.95,66.78,0.00,-0.00,0.00,342.33,3.46,248,102136  
11/08/2012 01:00:00,20.60,68.82,0.00,-0.00,0.00,339.87,3.64,249,102129

11/08/2012 02:00:00,20.25,70.86,0.00,-0.00,0.00,337.40,3.82,250,102122  
11/08/2012 03:00:00,20.09,71.86,0.00,-0.00,0.00,336.00,3.96,250,102122  
11/08/2012 04:00:00,19.94,72.85,0.00,-0.00,0.00,334.60,4.10,251,102122  
11/08/2012 05:00:00,19.78,73.85,0.00,0.00,0.00,333.20,4.23,252,102122  
11/08/2012 06:00:00,20.14,69.08,136.00,374.68,64.00,332.38,4.50,253,102136  
11/08/2012 07:00:00,20.50,64.30,320.00,652.34,84.00,331.57,4.76,255,102149  
11/08/2012 08:00:00,20.85,59.53,497.00,765.46,99.00,330.75,5.02,256,102162  
11/08/2012 09:00:00,21.39,55.47,658.00,853.77,98.00,331.72,5.09,256,102132  
11/08/2012 10:00:00,21.94,51.42,784.00,899.52,100.00,332.68,5.15,257,102102  
11/08/2012 11:00:00,22.48,47.36,847.00,865.32,132.00,333.65,5.21,257,102073  
11/08/2012 12:00:00,23.07,44.80,879.00,889.19,124.00,335.63,5.20,256,102023  
11/08/2012 13:00:00,23.66,42.25,862.00,912.68,107.00,337.62,5.18,255,101973  
11/08/2012 14:00:00,24.25,39.69,780.00,873.75,114.00,339.60,5.16,253,101923  
11/08/2012 15:00:00,24.09,41.18,664.00,859.52,98.00,341.52,4.68,252,101903  
11/08/2012 16:00:00,23.94,42.67,504.00,774.19,99.00,343.43,4.19,250,101883  
11/08/2012 17:00:00,23.78,44.16,327.00,662.44,85.00,345.35,3.71,249,101863  
11/08/2012 18:00:00,23.30,45.84,150.00,469.79,58.00,345.78,3.84,252,101876  
11/08/2012 19:00:00,22.81,47.51,0.00,0.00,0.00,346.22,3.98,255,101889  
11/08/2012 20:00:00,22.32,49.19,0.00,-0.00,0.00,346.65,4.11,258,101903  
11/08/2012 21:00:00,21.96,50.10,0.00,-0.00,0.00,345.43,3.95,261,101876  
11/08/2012 22:00:00,21.61,51.00,0.00,-0.00,0.00,344.22,3.79,264,101850  
11/08/2012 23:00:00,21.26,51.91,0.00,-0.00,0.00,343.00,3.63,267,101823  
12/08/2012 00:00:00,20.90,53.73,0.00,-0.00,0.00,341.98,3.81,268,101773  
12/08/2012 01:00:00,20.55,55.56,0.00,-0.00,0.00,340.97,4.00,268,101723  
12/08/2012 02:00:00,20.20,57.38,0.00,-0.00,0.00,339.95,4.18,268,101673  
12/08/2012 03:00:00,20.09,59.36,0.00,-0.00,0.00,340.02,3.96,271,101637  
12/08/2012 04:00:00,19.98,61.35,0.00,-0.00,0.00,340.08,3.74,274,101600  
12/08/2012 05:00:00,19.88,63.33,0.00,0.00,0.00,340.15,3.52,277,101563  
12/08/2012 06:00:00,20.12,60.16,133.00,365.16,64.00,340.93,3.60,282,101547  
12/08/2012 07:00:00,20.37,56.98,312.00,615.95,91.00,341.72,3.68,286,101530  
12/08/2012 08:00:00,20.62,53.81,486.00,727.07,110.00,342.50,3.77,291,101513  
12/08/2012 09:00:00,20.65,50.61,649.00,823.60,111.00,342.83,3.26,320,101463  
12/08/2012 10:00:00,20.69,47.40,777.00,884.18,107.00,343.17,2.75,350,101414  
12/08/2012 11:00:00,20.72,44.20,840.00,849.90,140.00,343.50,2.25,19,101364  
12/08/2012 12:00:00,20.55,45.52,855.00,814.10,166.00,348.87,2.43,38,101307  
12/08/2012 13:00:00,20.39,46.83,559.00,183.18,408.00,354.23,2.62,58,101250  
12/08/2012 14:00:00,20.23,48.15,576.00,295.08,352.00,359.60,2.80,77,101194  
12/08/2012 15:00:00,19.87,53.38,469.00,244.22,309.00,359.23,3.92,82,101184  
12/08/2012 16:00:00,19.50,58.61,305.00,117.42,244.00,358.87,5.04,86,101174  
12/08/2012 17:00:00,19.14,63.84,242.00,232.41,158.00,358.50,6.17,91,101164  
12/08/2012 18:00:00,18.86,69.39,95.00,88.69,78.00,356.27,5.77,92,101197  
12/08/2012 19:00:00,18.57,74.95,0.00,0.00,0.00,354.03,5.38,93,101230  
12/08/2012 20:00:00,18.28,80.50,0.00,-0.00,0.00,351.80,4.99,94,101264  
12/08/2012 21:00:00,18.35,83.70,0.00,-0.00,0.00,352.47,4.70,93,101257  
12/08/2012 22:00:00,18.42,86.91,0.00,-0.00,0.00,353.13,4.41,93,101250  
12/08/2012 23:00:00,18.50,90.11,0.00,-0.00,0.00,353.80,4.12,92,101244  
13/08/2012 00:00:00,18.67,90.96,0.00,-0.00,0.00,359.12,3.75,88,101247  
13/08/2012 01:00:00,18.85,91.81,0.00,-0.00,0.00,364.43,3.37,85,101250  
13/08/2012 02:00:00,19.03,92.66,0.00,-0.00,0.00,369.75,2.99,81,101254  
13/08/2012 03:00:00,19.06,92.43,0.00,-0.00,0.00,367.92,2.92,80,101257

13/08/2012 04:00:00,19.08,92.21,0.00,-0.00,0.00,366.08,2.86,78,101260  
13/08/2012 05:00:00,19.10,91.98,0.00,0.00,0.00,364.25,2.79,77,101264  
13/08/2012 06:00:00,19.22,86.00,116.00,242.28,71.00,362.73,3.29,77,101287  
13/08/2012 07:00:00,19.33,80.02,239.00,244.53,152.00,361.22,3.79,76,101310  
13/08/2012 08:00:00,19.44,74.04,350.00,221.66,236.00,359.70,4.29,76,101334  
13/08/2012 09:00:00,19.41,70.28,506.00,342.81,283.00,361.52,4.43,76,101320  
13/08/2012 10:00:00,19.38,66.52,599.00,352.28,333.00,363.33,4.57,75,101307  
13/08/2012 11:00:00,19.35,62.76,468.00,84.05,399.00,365.15,4.70,75,101294  
13/08/2012 12:00:00,19.61,60.96,515.00,113.81,419.00,363.53,4.88,76,101297  
13/08/2012 13:00:00,19.87,59.17,614.00,271.50,391.00,361.92,5.05,77,101300  
13/08/2012 14:00:00,20.13,57.37,574.00,295.00,351.00,360.30,5.23,79,101304  
13/08/2012 15:00:00,19.91,61.01,569.00,517.09,232.00,360.75,4.93,79,101294  
13/08/2012 16:00:00,19.69,64.65,394.00,339.28,219.00,361.20,4.63,79,101284  
13/08/2012 17:00:00,19.47,68.29,185.00,78.33,157.00,361.65,4.33,79,101274  
13/08/2012 18:00:00,19.19,74.00,129.00,330.75,67.00,362.60,3.75,74,101287  
13/08/2012 19:00:00,18.91,79.70,0.00,0.00,0.00,363.55,3.16,70,101300  
13/08/2012 20:00:00,18.63,85.41,0.00,-0.00,0.00,364.50,2.58,66,101314  
13/08/2012 21:00:00,18.63,88.47,0.00,-0.00,0.00,360.38,2.47,61,101297  
13/08/2012 22:00:00,18.63,91.53,0.00,-0.00,0.00,356.27,2.36,55,101280  
13/08/2012 23:00:00,18.64,94.59,0.00,-0.00,0.00,352.15,2.25,50,101264  
14/08/2012 00:00:00,18.74,94.39,0.00,-0.00,0.00,358.00,2.36,48,101254  
14/08/2012 01:00:00,18.84,94.19,0.00,-0.00,0.00,363.85,2.48,46,101244  
14/08/2012 02:00:00,18.94,93.99,0.00,-0.00,0.00,369.70,2.59,44,101234  
14/08/2012 03:00:00,19.09,93.56,0.00,-0.00,0.00,364.08,2.71,40,101224  
14/08/2012 04:00:00,19.25,93.13,0.00,-0.00,0.00,358.47,2.83,35,101214  
14/08/2012 05:00:00,19.41,92.70,0.00,0.00,0.00,352.85,2.95,31,101204  
14/08/2012 06:00:00,19.67,86.35,32.00,0.00,32.00,355.17,3.76,32,101214  
14/08/2012 07:00:00,19.93,80.01,90.00,0.00,90.00,357.48,4.56,34,101224  
14/08/2012 08:00:00,20.20,73.66,73.00,0.00,73.00,359.80,5.37,35,101234  
14/08/2012 09:00:00,20.18,71.62,89.00,0.00,89.00,362.07,5.44,38,101217  
14/08/2012 10:00:00,20.16,69.58,569.00,293.75,348.00,364.33,5.51,40,101201  
14/08/2012 11:00:00,20.14,67.54,475.00,91.67,400.00,366.60,5.59,42,101184  
14/08/2012 12:00:00,20.30,66.91,404.00,33.31,376.00,362.58,5.66,45,101164  
14/08/2012 13:00:00,20.46,66.28,463.00,79.43,398.00,358.57,5.73,48,101144  
14/08/2012 14:00:00,20.62,65.65,512.00,189.99,369.00,354.55,5.81,51,101124  
14/08/2012 15:00:00,20.33,67.94,453.00,223.69,308.00,355.73,5.35,54,101107  
14/08/2012 16:00:00,20.05,70.23,300.00,115.23,241.00,356.92,4.89,56,101091  
14/08/2012 17:00:00,19.76,72.52,77.00,0.00,77.00,358.10,4.43,59,101074  
14/08/2012 18:00:00,19.43,78.29,51.00,5.46,50.00,354.85,3.77,61,101081  
14/08/2012 19:00:00,19.09,84.06,0.00,0.00,0.00,351.60,3.12,62,101087  
14/08/2012 20:00:00,18.76,89.83,0.00,-0.00,0.00,348.35,2.47,64,101094  
14/08/2012 21:00:00,18.73,92.52,0.00,-0.00,0.00,350.08,2.19,34,101081  
14/08/2012 22:00:00,18.71,95.22,0.00,-0.00,0.00,351.82,1.91,3,101067  
14/08/2012 23:00:00,18.69,97.91,0.00,-0.00,0.00,353.55,1.63,333,101054  
15/08/2012 00:00:00,18.68,98.61,0.00,-0.00,0.00,355.68,1.78,314,101014  
15/08/2012 01:00:00,18.68,99.30,0.00,-0.00,0.00,357.82,1.94,295,100974  
15/08/2012 02:00:00,18.67,100.00,0.00,-0.00,0.00,359.95,2.10,277,100934  
15/08/2012 03:00:00,18.86,98.63,0.00,-0.00,0.00,365.55,2.06,280,100918  
15/08/2012 04:00:00,19.05,97.26,0.00,-0.00,0.00,371.15,2.03,283,100901  
15/08/2012 05:00:00,19.25,95.89,0.00,0.00,0.00,376.75,2.00,287,100884

15/08/2012 06:00:00,19.56,92.38,11.00,0.00,11.00,379.30,2.12,289,100894  
15/08/2012 07:00:00,19.87,88.87,100.00,0.00,100.00,381.85,2.25,291,100904  
15/08/2012 08:00:00,20.18,85.36,200.00,13.76,193.00,384.40,2.37,294,100914  
15/08/2012 09:00:00,20.42,78.78,275.00,18.61,263.00,381.93,3.09,305,100891  
15/08/2012 10:00:00,20.66,72.20,742.00,780.44,157.00,379.47,3.80,317,100868  
15/08/2012 11:00:00,20.90,65.62,574.00,213.41,400.00,377.00,4.51,328,100844  
15/08/2012 12:00:00,21.06,61.48,286.00,1.19,285.00,374.05,4.10,347,100804  
15/08/2012 13:00:00,21.22,57.35,222.00,0.00,222.00,371.10,3.69,5,100765  
15/08/2012 14:00:00,21.39,53.21,470.00,133.45,370.00,368.15,3.28,23,100725  
15/08/2012 15:00:00,20.95,57.28,598.00,642.25,184.00,366.32,2.42,39,100701  
15/08/2012 16:00:00,20.50,61.36,335.00,190.89,238.00,364.48,1.56,55,100678  
15/08/2012 17:00:00,20.06,65.43,196.00,114.53,156.00,362.65,0.70,71,100655  
15/08/2012 18:00:00,19.62,72.52,126.00,358.05,62.00,361.27,0.99,83,100668  
15/08/2012 19:00:00,19.18,79.60,0.00,0.00,0.00,359.88,1.27,96,100681  
15/08/2012 20:00:00,18.74,86.69,0.00,-0.00,0.00,358.50,1.56,109,100695  
15/08/2012 21:00:00,18.77,89.62,0.00,-0.00,0.00,357.80,1.83,163,100631  
15/08/2012 22:00:00,18.80,92.55,0.00,-0.00,0.00,357.10,2.09,216,100568  
15/08/2012 23:00:00,18.83,95.48,0.00,-0.00,0.00,356.40,2.36,270,100505  
16/08/2012 00:00:00,19.51,89.52,0.00,-0.00,0.00,360.13,2.97,283,100378  
16/08/2012 01:00:00,20.19,83.57,0.00,-0.00,0.00,363.87,3.58,297,100252  
16/08/2012 02:00:00,20.87,77.61,0.00,-0.00,0.00,367.60,4.19,310,100126  
16/08/2012 03:00:00,21.02,75.65,0.00,-0.00,0.00,369.72,4.99,330,100099  
16/08/2012 04:00:00,21.18,73.70,0.00,-0.00,0.00,371.83,5.78,350,100072  
16/08/2012 05:00:00,21.33,71.74,0.00,0.00,0.00,373.95,6.58,9,100046  
16/08/2012 06:00:00,20.64,71.28,36.00,0.00,36.00,377.78,6.57,32,100182  
16/08/2012 07:00:00,19.94,70.81,50.00,0.00,50.00,381.62,6.56,55,100319  
16/08/2012 08:00:00,19.25,70.35,355.00,253.15,227.00,385.45,6.55,78,100455  
16/08/2012 09:00:00,19.41,63.29,96.00,0.00,96.00,372.15,7.16,74,100555  
16/08/2012 10:00:00,19.57,56.22,127.00,0.00,127.00,358.85,7.77,69,100655  
16/08/2012 11:00:00,19.73,49.16,290.00,3.69,287.00,345.55,8.37,65,100755  
16/08/2012 12:00:00,19.93,51.04,555.00,165.32,417.00,342.67,8.43,64,100831  
16/08/2012 13:00:00,20.13,52.92,795.00,735.19,198.00,339.78,8.48,63,100908  
16/08/2012 14:00:00,20.34,54.80,558.00,278.84,350.00,336.90,8.54,63,100984  
16/08/2012 15:00:00,20.34,56.52,471.00,271.48,297.00,334.17,7.87,62,101011  
16/08/2012 16:00:00,20.33,58.25,440.00,551.38,162.00,331.43,7.20,62,101037  
16/08/2012 17:00:00,20.33,59.97,246.00,298.53,143.00,328.70,6.54,62,101064  
16/08/2012 18:00:00,20.07,63.41,111.00,252.49,67.00,329.98,5.89,57,101114  
16/08/2012 19:00:00,19.80,66.85,0.00,0.00,0.00,331.27,5.24,53,101164  
16/08/2012 20:00:00,19.53,70.29,0.00,-0.00,0.00,332.55,4.59,49,101214  
16/08/2012 21:00:00,19.53,72.94,0.00,-0.00,0.00,333.58,4.34,46,101257  
16/08/2012 22:00:00,19.53,75.60,0.00,-0.00,0.00,334.62,4.08,44,101300  
16/08/2012 23:00:00,19.53,78.25,0.00,-0.00,0.00,335.65,3.82,42,101344  
17/08/2012 00:00:00,19.42,77.31,0.00,-0.00,0.00,341.20,3.62,40,101390  
17/08/2012 01:00:00,19.32,76.36,0.00,-0.00,0.00,346.75,3.43,37,101437  
17/08/2012 02:00:00,19.21,75.42,0.00,-0.00,0.00,352.30,3.23,35,101483  
17/08/2012 03:00:00,19.24,77.84,0.00,-0.00,0.00,350.17,3.28,24,101497  
17/08/2012 04:00:00,19.27,80.25,0.00,-0.00,0.00,348.03,3.33,14,101510  
17/08/2012 05:00:00,19.31,82.67,0.00,0.00,0.00,345.90,3.38,4,101523  
17/08/2012 06:00:00,19.57,78.44,128.00,457.72,49.00,347.53,3.96,356,101563  
17/08/2012 07:00:00,19.84,74.22,280.00,494.91,110.00,349.17,4.55,348,101603

17/08/2012 08:00:00,20.11,69.99,466.00,694.31,117.00,350.80,5.13,341,101643  
17/08/2012 09:00:00,20.41,66.32,567.00,555.36,212.00,349.55,4.94,340,101623  
17/08/2012 10:00:00,20.72,62.65,720.00,724.56,181.00,348.30,4.75,339,101603  
17/08/2012 11:00:00,21.02,58.98,702.00,479.29,314.00,347.05,4.57,338,101583  
17/08/2012 12:00:00,21.48,54.45,690.00,402.80,355.00,345.65,4.90,337,101537  
17/08/2012 13:00:00,21.94,49.93,570.00,213.90,397.00,344.25,5.23,337,101490  
17/08/2012 14:00:00,22.41,45.40,582.00,335.37,333.00,342.85,5.56,336,101444  
17/08/2012 15:00:00,22.25,47.08,435.00,202.45,306.00,345.27,4.90,340,101404  
17/08/2012 16:00:00,22.09,48.76,354.00,253.92,227.00,347.68,4.23,343,101364  
17/08/2012 17:00:00,21.93,50.44,87.00,0.00,87.00,350.10,3.57,346,101324  
17/08/2012 18:00:00,21.44,54.84,65.00,29.46,60.00,350.85,3.04,347,101334  
17/08/2012 19:00:00,20.95,59.25,0.00,-0.00,0.00,351.60,2.51,348,101344  
17/08/2012 20:00:00,20.46,63.65,0.00,-0.00,0.00,352.35,1.99,348,101354  
17/08/2012 21:00:00,20.32,69.46,0.00,-0.00,0.00,351.32,1.80,355,101347  
17/08/2012 22:00:00,20.18,75.28,0.00,-0.00,0.00,350.28,1.61,3,101340  
17/08/2012 23:00:00,20.05,81.09,0.00,-0.00,0.00,349.25,1.42,10,101334  
18/08/2012 00:00:00,19.96,80.84,0.00,-0.00,0.00,346.27,1.47,340,101344  
18/08/2012 01:00:00,19.88,80.58,0.00,-0.00,0.00,343.28,1.51,310,101354  
18/08/2012 02:00:00,19.80,80.33,0.00,-0.00,0.00,340.30,1.56,279,101364  
18/08/2012 03:00:00,19.85,81.21,0.00,-0.00,0.00,339.77,1.79,281,101357  
18/08/2012 04:00:00,19.91,82.10,0.00,-0.00,0.00,339.23,2.02,283,101350  
18/08/2012 05:00:00,19.97,82.98,0.00,-0.00,0.00,338.70,2.25,285,101344  
18/08/2012 06:00:00,20.49,73.28,117.00,360.40,56.00,340.42,2.54,286,101364  
18/08/2012 07:00:00,21.02,63.59,291.00,590.54,90.00,342.13,2.84,286,101384  
18/08/2012 08:00:00,21.55,53.89,473.00,742.49,102.00,343.85,3.13,287,101404  
18/08/2012 09:00:00,22.03,49.18,634.00,831.35,105.00,346.62,3.71,291,101364  
18/08/2012 10:00:00,22.51,44.47,759.00,879.90,107.00,349.38,4.28,295,101324  
18/08/2012 11:00:00,22.99,39.76,818.00,831.93,147.00,352.15,4.86,300,101284  
18/08/2012 12:00:00,23.35,37.91,849.00,854.50,141.00,353.63,4.86,308,101211  
18/08/2012 13:00:00,23.72,36.05,830.00,876.50,124.00,355.12,4.86,316,101137  
18/08/2012 14:00:00,24.09,34.20,747.00,837.73,128.00,356.60,4.86,324,101064  
18/08/2012 15:00:00,23.37,39.28,627.00,806.81,116.00,357.18,3.91,343,101051  
18/08/2012 16:00:00,22.66,44.37,465.00,709.61,113.00,357.77,2.97,2,101037  
18/08/2012 17:00:00,21.94,49.45,291.00,597.64,90.00,358.35,2.03,22,101024  
18/08/2012 18:00:00,21.33,57.13,117.00,369.54,56.00,357.10,2.04,48,101044  
18/08/2012 19:00:00,20.71,64.82,0.00,-0.00,0.00,355.85,2.06,74,101064  
18/08/2012 20:00:00,20.10,72.50,0.00,-0.00,0.00,354.60,2.07,100,101084  
18/08/2012 21:00:00,19.89,76.15,0.00,-0.00,0.00,353.77,2.05,107,101091  
18/08/2012 22:00:00,19.68,79.81,0.00,-0.00,0.00,352.93,2.02,115,101097  
18/08/2012 23:00:00,19.47,83.46,0.00,-0.00,0.00,352.10,2.00,123,101104  
19/08/2012 00:00:00,19.29,86.52,0.00,-0.00,0.00,350.60,2.13,141,101127  
19/08/2012 01:00:00,19.11,89.57,0.00,-0.00,0.00,349.10,2.27,159,101151  
19/08/2012 02:00:00,18.93,92.63,0.00,-0.00,0.00,347.60,2.40,177,101174  
19/08/2012 03:00:00,19.00,93.32,0.00,-0.00,0.00,348.92,2.23,183,101187  
19/08/2012 04:00:00,19.08,94.00,0.00,-0.00,0.00,350.23,2.06,189,101201  
19/08/2012 05:00:00,19.16,94.69,0.00,-0.00,0.00,351.55,1.89,195,101214  
19/08/2012 06:00:00,19.65,83.38,107.00,283.31,60.00,353.00,1.97,189,101257  
19/08/2012 07:00:00,20.14,72.07,287.00,578.28,92.00,354.45,2.06,183,101300  
19/08/2012 08:00:00,20.63,60.76,462.00,702.71,113.00,355.90,2.14,177,101344  
19/08/2012 09:00:00,20.99,55.97,621.00,789.43,121.00,356.72,1.76,171,101344

19/08/2012 10:00:00,21.36,51.19,748.00,849.55,121.00,357.53,1.38,165,101344  
19/08/2012 11:00:00,21.72,46.40,810.00,816.40,154.00,358.35,1.01,159,101344  
19/08/2012 12:00:00,21.95,44.41,841.00,838.40,149.00,356.12,1.36,139,101310  
19/08/2012 13:00:00,22.18,42.43,818.00,846.53,139.00,353.88,1.71,120,101277  
19/08/2012 14:00:00,22.41,40.44,736.00,807.87,142.00,351.65,2.07,100,101244  
19/08/2012 15:00:00,22.20,44.30,614.00,765.75,132.00,350.77,1.96,103,101247  
19/08/2012 16:00:00,21.99,48.15,449.00,648.56,130.00,349.88,1.86,105,101250  
19/08/2012 17:00:00,21.77,52.01,275.00,515.28,104.00,349.00,1.75,108,101254  
19/08/2012 18:00:00,21.38,59.12,105.00,286.86,59.00,348.63,1.89,115,101290  
19/08/2012 19:00:00,20.99,66.22,0.00,-0.00,0.00,348.27,2.03,122,101327  
19/08/2012 20:00:00,20.60,73.33,0.00,-0.00,0.00,347.90,2.17,129,101364  
19/08/2012 21:00:00,20.45,77.75,0.00,-0.00,0.00,349.18,2.28,148,101354  
19/08/2012 22:00:00,20.30,82.18,0.00,-0.00,0.00,350.47,2.39,166,101344  
19/08/2012 23:00:00,20.16,86.60,0.00,-0.00,0.00,351.75,2.50,184,101334  
20/08/2012 00:00:00,20.05,87.67,0.00,-0.00,0.00,356.05,2.46,208,101324  
20/08/2012 01:00:00,19.95,88.75,0.00,-0.00,0.00,360.35,2.41,232,101314  
20/08/2012 02:00:00,19.84,89.82,0.00,-0.00,0.00,364.65,2.37,257,101304  
20/08/2012 03:00:00,19.91,89.22,0.00,-0.00,0.00,365.23,2.11,275,101297  
20/08/2012 04:00:00,19.98,88.61,0.00,-0.00,0.00,365.82,1.84,294,101290  
20/08/2012 05:00:00,20.05,88.01,0.00,-0.00,0.00,366.40,1.57,312,101284  
20/08/2012 06:00:00,20.34,81.54,52.00,12.31,50.00,367.93,2.23,342,101320  
20/08/2012 07:00:00,20.64,75.08,78.00,0.00,78.00,369.47,2.90,12,101357  
20/08/2012 08:00:00,20.93,68.61,82.00,0.00,82.00,371.00,3.56,41,101394  
20/08/2012 09:00:00,20.85,64.55,606.00,734.48,143.00,373.88,3.72,52,101407  
20/08/2012 10:00:00,20.76,60.48,647.00,516.98,267.00,376.77,3.89,64,101420  
20/08/2012 11:00:00,20.68,56.42,285.00,3.75,282.00,379.65,4.06,75,101434  
20/08/2012 12:00:00,20.59,56.15,786.00,672.63,233.00,373.12,3.77,79,101460  
20/08/2012 13:00:00,20.50,55.89,802.00,801.35,162.00,366.58,3.49,83,101487  
20/08/2012 14:00:00,20.41,55.62,728.00,792.82,148.00,360.05,3.21,86,101513  
20/08/2012 15:00:00,20.11,58.40,603.00,737.05,142.00,358.02,3.55,89,101537  
20/08/2012 16:00:00,19.81,61.18,445.00,646.04,130.00,355.98,3.89,92,101560  
20/08/2012 17:00:00,19.50,63.96,273.00,531.60,99.00,353.95,4.22,94,101583  
20/08/2012 18:00:00,19.15,70.23,109.00,359.97,53.00,352.57,3.69,100,101650  
20/08/2012 19:00:00,18.79,76.50,0.00,-0.00,0.00,351.18,3.16,105,101716  
20/08/2012 20:00:00,18.43,82.77,0.00,-0.00,0.00,349.80,2.63,111,101783  
20/08/2012 21:00:00,18.40,86.14,0.00,-0.00,0.00,349.97,2.32,123,101796  
20/08/2012 22:00:00,18.38,89.50,0.00,-0.00,0.00,350.13,2.01,135,101810  
20/08/2012 23:00:00,18.36,92.87,0.00,-0.00,0.00,350.30,1.70,148,101823  
21/08/2012 00:00:00,18.52,94.55,0.00,-0.00,0.00,351.15,1.65,150,101836  
21/08/2012 01:00:00,18.68,96.24,0.00,-0.00,0.00,352.00,1.60,152,101850  
21/08/2012 02:00:00,18.84,97.92,0.00,-0.00,0.00,352.85,1.54,154,101863  
21/08/2012 03:00:00,18.93,98.16,0.00,-0.00,0.00,354.42,1.46,161,101889  
21/08/2012 04:00:00,19.02,98.41,0.00,-0.00,0.00,355.98,1.37,167,101916  
21/08/2012 05:00:00,19.11,98.65,0.00,-0.00,0.00,357.55,1.28,174,101943  
21/08/2012 06:00:00,19.45,90.88,38.00,0.00,38.00,360.72,1.26,175,101986  
21/08/2012 07:00:00,19.79,83.12,112.00,6.05,110.00,363.88,1.24,177,102029  
21/08/2012 08:00:00,20.13,75.35,357.00,291.53,214.00,367.05,1.21,179,102073  
21/08/2012 09:00:00,20.42,70.35,489.00,347.49,271.00,368.02,1.34,172,102053  
21/08/2012 10:00:00,20.72,65.35,704.00,709.02,185.00,368.98,1.47,164,102033  
21/08/2012 11:00:00,21.01,60.35,796.00,786.39,169.00,369.95,1.60,157,102013



21/08/2012 12:00:00,21.31,58.28,783.00,671.68,233.00,366.37,1.87,154,101969  
21/08/2012 13:00:00,21.61,56.22,619.00,316.93,367.00,362.78,2.13,150,101926  
21/08/2012 14:00:00,21.91,54.15,721.00,777.70,155.00,359.20,2.40,147,101883  
21/08/2012 15:00:00,21.70,55.47,527.00,468.29,236.00,359.82,2.26,143,101860  
21/08/2012 16:00:00,21.49,56.80,424.00,564.94,151.00,360.43,2.11,139,101836  
21/08/2012 17:00:00,21.28,58.12,272.00,545.42,96.00,361.05,1.97,136,101813  
21/08/2012 18:00:00,20.91,62.83,92.00,225.60,58.00,361.55,2.28,138,101826  
21/08/2012 19:00:00,20.54,67.54,0.00,-0.00,0.00,362.05,2.58,141,101840  
21/08/2012 20:00:00,20.17,72.25,0.00,-0.00,0.00,362.55,2.88,144,101853  
21/08/2012 21:00:00,20.08,74.43,0.00,-0.00,0.00,362.25,2.57,150,101833  
21/08/2012 22:00:00,19.99,76.60,0.00,-0.00,0.00,361.95,2.25,155,101813  
21/08/2012 23:00:00,19.90,78.78,0.00,-0.00,0.00,361.65,1.93,160,101793  
22/08/2012 00:00:00,19.73,81.23,0.00,-0.00,0.00,360.47,1.77,169,101790  
22/08/2012 01:00:00,19.56,83.68,0.00,-0.00,0.00,359.28,1.60,178,101786  
22/08/2012 02:00:00,19.39,86.13,0.00,-0.00,0.00,358.10,1.43,187,101783  
22/08/2012 03:00:00,19.32,87.65,0.00,-0.00,0.00,357.57,1.50,188,101770  
22/08/2012 04:00:00,19.24,89.17,0.00,-0.00,0.00,357.03,1.57,189,101756  
22/08/2012 05:00:00,19.17,90.69,0.00,-0.00,0.00,356.50,1.64,190,101743  
22/08/2012 06:00:00,19.57,82.04,98.00,269.75,56.00,356.55,1.48,187,101746  
22/08/2012 07:00:00,19.97,73.38,277.00,570.85,90.00,356.60,1.32,184,101750  
22/08/2012 08:00:00,20.37,64.73,457.00,724.24,104.00,356.65,1.16,181,101753  
22/08/2012 09:00:00,20.64,59.77,609.00,772.07,127.00,357.48,1.84,161,101726  
22/08/2012 10:00:00,20.91,54.82,701.00,707.91,185.00,358.32,2.52,140,101700  
22/08/2012 11:00:00,21.18,49.86,747.00,639.70,239.00,359.15,3.20,120,101673  
22/08/2012 12:00:00,21.39,47.52,715.00,492.96,313.00,359.20,4.01,123,101657  
22/08/2012 13:00:00,21.61,45.18,741.00,626.62,245.00,359.25,4.83,126,101640  
22/08/2012 14:00:00,21.83,42.84,720.00,791.50,147.00,359.30,5.64,128,101623  
22/08/2012 15:00:00,21.55,44.99,576.00,657.73,170.00,357.98,5.26,131,101640  
22/08/2012 16:00:00,21.26,47.13,424.00,584.78,144.00,356.67,4.88,133,101657  
22/08/2012 17:00:00,20.98,49.28,268.00,553.47,92.00,355.35,4.50,135,101673  
22/08/2012 18:00:00,20.49,55.16,103.00,384.16,47.00,353.22,4.15,140,101740  
22/08/2012 19:00:00,19.99,61.05,0.00,-0.00,0.00,351.08,3.80,144,101806  
22/08/2012 20:00:00,19.50,66.93,0.00,-0.00,0.00,348.95,3.45,149,101873  
22/08/2012 21:00:00,19.20,72.14,0.00,-0.00,0.00,346.62,2.84,155,101896  
22/08/2012 22:00:00,18.91,77.34,0.00,-0.00,0.00,344.28,2.23,160,101919  
22/08/2012 23:00:00,18.62,82.55,0.00,-0.00,0.00,341.95,1.61,165,101943  
23/08/2012 00:00:00,18.40,86.10,0.00,-0.00,0.00,339.82,1.71,171,101963  
23/08/2012 01:00:00,18.19,89.64,0.00,-0.00,0.00,337.68,1.80,176,101983  
23/08/2012 02:00:00,17.97,93.19,0.00,-0.00,0.00,335.55,1.89,181,102003  
23/08/2012 03:00:00,17.83,93.96,0.00,-0.00,0.00,334.42,1.63,188,102003  
23/08/2012 04:00:00,17.69,94.72,0.00,-0.00,0.00,333.28,1.37,195,102003  
23/08/2012 05:00:00,17.55,95.49,0.00,-0.00,0.00,332.15,1.12,201,102003  
23/08/2012 06:00:00,17.80,86.23,85.00,177.32,58.00,331.30,1.28,204,102013  
23/08/2012 07:00:00,18.06,76.97,271.00,548.83,93.00,330.45,1.45,207,102023  
23/08/2012 08:00:00,18.31,67.71,436.00,625.68,133.00,329.60,1.61,210,102033  
23/08/2012 09:00:00,18.73,61.60,587.00,693.82,156.00,329.90,1.80,203,102006  
23/08/2012 10:00:00,19.14,55.49,506.00,212.19,352.00,330.20,1.99,196,101979  
23/08/2012 11:00:00,19.56,49.38,719.00,566.46,271.00,330.50,2.18,189,101953  
23/08/2012 12:00:00,19.99,47.04,814.00,793.04,170.00,331.93,2.25,186,101913  
23/08/2012 13:00:00,20.43,44.71,795.00,813.55,154.00,333.37,2.32,183,101873

23/08/2012 14:00:00,20.87,42.37,720.00,804.14,141.00,334.80,2.39,180,101833  
23/08/2012 15:00:00,20.88,43.82,584.00,706.29,151.00,334.82,2.35,179,101800  
23/08/2012 16:00:00,20.89,45.28,440.00,687.31,114.00,334.83,2.31,178,101766  
23/08/2012 17:00:00,20.89,46.73,260.00,520.40,97.00,334.85,2.28,176,101733  
23/08/2012 18:00:00,20.44,52.40,92.00,298.36,50.00,335.02,2.27,177,101766  
23/08/2012 19:00:00,19.98,58.07,0.00,-0.00,0.00,335.18,2.26,177,101800  
23/08/2012 20:00:00,19.52,63.74,0.00,-0.00,0.00,335.35,2.25,178,101833  
23/08/2012 21:00:00,19.23,67.86,0.00,-0.00,0.00,335.45,2.29,185,101803  
23/08/2012 22:00:00,18.94,71.98,0.00,-0.00,0.00,335.55,2.32,192,101773  
23/08/2012 23:00:00,18.66,76.10,0.00,-0.00,0.00,335.65,2.36,199,101743  
24/08/2012 00:00:00,18.32,80.45,0.00,-0.00,0.00,335.23,2.59,205,101710  
24/08/2012 01:00:00,17.99,84.81,0.00,-0.00,0.00,334.82,2.82,211,101676  
24/08/2012 02:00:00,17.66,89.16,0.00,-0.00,0.00,334.40,3.05,217,101643  
24/08/2012 03:00:00,17.56,90.12,0.00,-0.00,0.00,334.20,3.07,218,101597  
24/08/2012 04:00:00,17.45,91.09,0.00,-0.00,0.00,334.00,3.09,219,101550  
24/08/2012 05:00:00,17.34,92.05,0.00,-0.00,0.00,333.80,3.10,219,101503  
24/08/2012 06:00:00,17.74,82.96,92.00,255.36,54.00,334.27,3.14,220,101487  
24/08/2012 07:00:00,18.14,73.86,270.00,566.89,88.00,334.73,3.18,220,101470  
24/08/2012 08:00:00,18.54,64.77,437.00,648.51,125.00,335.20,3.21,220,101453  
24/08/2012 09:00:00,19.28,57.83,605.00,783.10,121.00,336.92,3.20,222,101387  
24/08/2012 10:00:00,20.03,50.90,724.00,816.50,134.00,338.63,3.20,224,101320  
24/08/2012 11:00:00,20.77,43.96,744.00,650.09,232.00,340.35,3.19,226,101254  
24/08/2012 12:00:00,20.95,42.97,738.00,571.37,276.00,342.57,2.74,204,101167  
24/08/2012 13:00:00,21.13,41.99,618.00,332.83,357.00,344.78,2.29,182,101081  
24/08/2012 14:00:00,21.32,41.00,325.00,25.14,307.00,347.00,1.83,160,100994  
24/08/2012 15:00:00,21.04,43.06,110.00,0.00,110.00,348.52,1.73,144,100948  
24/08/2012 16:00:00,20.77,45.13,74.00,0.00,74.00,350.03,1.63,127,100901  
24/08/2012 17:00:00,20.49,47.19,93.00,3.24,92.00,351.55,1.53,111,100854  
24/08/2012 18:00:00,19.98,51.11,72.00,140.02,53.00,353.58,1.72,113,100861  
24/08/2012 19:00:00,19.46,55.04,0.00,-0.00,0.00,355.62,1.91,115,100868  
24/08/2012 20:00:00,18.95,58.96,0.00,-0.00,0.00,357.65,2.10,117,100874  
24/08/2012 21:00:00,18.71,64.25,0.00,-0.00,0.00,353.62,1.95,116,100858  
24/08/2012 22:00:00,18.48,69.54,0.00,-0.00,0.00,349.58,1.80,115,100841  
24/08/2012 23:00:00,18.25,74.83,0.00,-0.00,0.00,345.55,1.66,113,100824  
25/08/2012 00:00:00,18.33,80.91,0.00,-0.00,0.00,346.10,1.69,102,100814  
25/08/2012 01:00:00,18.42,87.00,0.00,-0.00,0.00,346.65,1.73,91,100804  
25/08/2012 02:00:00,18.50,93.08,0.00,-0.00,0.00,347.20,1.77,80,100795  
25/08/2012 03:00:00,18.69,92.53,0.00,-0.00,0.00,349.58,1.92,69,100765  
25/08/2012 04:00:00,18.89,91.98,0.00,-0.00,0.00,351.97,2.08,58,100735  
25/08/2012 05:00:00,19.08,91.43,0.00,-0.00,0.00,354.35,2.23,47,100705  
25/08/2012 06:00:00,19.36,84.96,14.00,0.00,14.00,355.17,3.20,47,100698  
25/08/2012 07:00:00,19.63,78.49,119.00,15.74,114.00,355.98,4.16,47,100691  
25/08/2012 08:00:00,19.90,72.02,72.00,0.00,72.00,356.80,5.12,47,100685  
25/08/2012 09:00:00,19.76,71.03,341.00,82.94,290.00,362.10,5.75,44,100665  
25/08/2012 10:00:00,19.61,70.05,303.00,15.29,292.00,367.40,6.38,41,100645  
25/08/2012 11:00:00,19.47,69.06,89.00,0.00,89.00,372.70,7.01,38,100625  
25/08/2012 12:00:00,19.52,74.25,74.00,0.00,74.00,375.18,7.26,39,100601  
25/08/2012 13:00:00,19.58,79.44,88.00,0.00,88.00,377.67,7.50,39,100578  
25/08/2012 14:00:00,19.64,84.63,102.00,0.00,102.00,380.15,7.75,40,100555  
25/08/2012 15:00:00,19.39,88.20,144.00,0.00,144.00,381.82,7.66,40,100518

25/08/2012 16:00:00,19.14,91.77,39.00,0.00,39.00,383.48,7.56,40,100482  
25/08/2012 17:00:00,18.88,95.34,122.00,23.07,115.00,385.15,7.46,40,100445  
25/08/2012 18:00:00,18.79,95.33,15.00,0.00,15.00,386.67,7.06,44,100468  
25/08/2012 19:00:00,18.69,95.31,0.00,-0.00,0.00,388.18,6.65,48,100492  
25/08/2012 20:00:00,18.60,95.30,0.00,-0.00,0.00,389.70,6.25,52,100515  
25/08/2012 21:00:00,18.54,94.97,0.00,-0.00,0.00,385.83,6.12,55,100525  
25/08/2012 22:00:00,18.48,94.64,0.00,-0.00,0.00,381.97,6.00,58,100535  
25/08/2012 23:00:00,18.43,94.31,0.00,-0.00,0.00,378.10,5.88,61,100545  
26/08/2012 00:00:00,18.50,93.00,0.00,-0.00,0.00,368.23,5.91,63,100585  
26/08/2012 01:00:00,18.57,91.70,0.00,-0.00,0.00,358.37,5.95,65,100625  
26/08/2012 02:00:00,18.64,90.39,0.00,-0.00,0.00,348.50,5.99,67,100665  
26/08/2012 03:00:00,18.52,90.66,0.00,-0.00,0.00,350.97,5.81,70,100681  
26/08/2012 04:00:00,18.41,90.94,0.00,-0.00,0.00,353.43,5.63,73,100698  
26/08/2012 05:00:00,18.30,91.21,0.00,-0.00,0.00,355.90,5.45,75,100715  
26/08/2012 06:00:00,18.34,87.69,49.00,21.15,46.00,357.58,6.05,76,100761  
26/08/2012 07:00:00,18.39,84.17,256.00,502.51,98.00,359.27,6.64,77,100808  
26/08/2012 08:00:00,18.43,80.65,410.00,545.64,151.00,360.95,7.24,78,100854  
26/08/2012 09:00:00,18.44,75.55,429.00,232.15,287.00,359.45,7.58,78,100901  
26/08/2012 10:00:00,18.46,70.45,574.00,365.87,312.00,357.95,7.92,78,100948  
26/08/2012 11:00:00,18.47,65.35,414.00,58.91,368.00,356.45,8.26,78,100994  
26/08/2012 12:00:00,18.66,62.75,617.00,301.95,375.00,351.07,8.39,80,101054  
26/08/2012 13:00:00,18.85,60.16,669.00,464.87,308.00,345.68,8.51,83,101114  
26/08/2012 14:00:00,19.05,57.56,479.00,186.48,347.00,340.30,8.63,85,101174  
26/08/2012 15:00:00,18.83,61.03,453.00,303.33,271.00,339.30,8.08,86,101197  
26/08/2012 16:00:00,18.61,64.51,401.00,556.07,145.00,338.30,7.52,87,101221  
26/08/2012 17:00:00,18.39,67.98,202.00,254.62,126.00,337.30,6.97,88,101244  
26/08/2012 18:00:00,18.14,71.33,69.00,167.54,48.00,339.47,6.50,90,101310  
26/08/2012 19:00:00,17.89,74.67,0.00,-0.00,0.00,341.63,6.03,92,101377  
26/08/2012 20:00:00,17.64,78.02,0.00,-0.00,0.00,343.80,5.56,93,101444  
26/08/2012 21:00:00,17.63,78.98,0.00,-0.00,0.00,346.05,5.29,95,101493  
26/08/2012 22:00:00,17.63,79.93,0.00,-0.00,0.00,348.30,5.03,97,101543  
26/08/2012 23:00:00,17.63,80.89,0.00,-0.00,0.00,350.55,4.76,98,101593  
27/08/2012 00:00:00,17.60,82.30,0.00,-0.00,0.00,347.20,4.24,100,101640  
27/08/2012 01:00:00,17.57,83.71,0.00,-0.00,0.00,343.85,3.72,102,101686  
27/08/2012 02:00:00,17.54,85.12,0.00,-0.00,0.00,340.50,3.20,104,101733  
27/08/2012 03:00:00,17.58,86.42,0.00,-0.00,0.00,340.77,2.74,104,101750  
27/08/2012 04:00:00,17.61,87.72,0.00,-0.00,0.00,341.03,2.28,103,101766  
27/08/2012 05:00:00,17.65,89.02,0.00,-0.00,0.00,341.30,1.82,102,101783  
27/08/2012 06:00:00,17.92,80.87,86.00,267.45,49.00,342.12,2.46,102,101840  
27/08/2012 07:00:00,18.19,72.73,262.00,565.78,86.00,342.93,3.09,101,101896  
27/08/2012 08:00:00,18.46,64.58,418.00,598.21,136.00,343.75,3.72,101,101953  
27/08/2012 09:00:00,18.64,60.59,555.00,616.35,180.00,347.75,3.78,98,101966  
27/08/2012 10:00:00,18.83,56.61,608.00,460.17,280.00,351.75,3.84,95,101979  
27/08/2012 11:00:00,19.01,52.62,640.00,394.92,333.00,355.75,3.90,92,101993  
27/08/2012 12:00:00,19.11,53.17,618.00,310.86,370.00,353.07,4.08,89,101979  
27/08/2012 13:00:00,19.21,53.72,674.00,485.35,299.00,350.38,4.25,86,101966  
27/08/2012 14:00:00,19.32,54.27,524.00,274.28,331.00,347.70,4.43,82,101953  
27/08/2012 15:00:00,19.13,57.62,473.00,369.43,253.00,344.12,4.03,85,101943  
27/08/2012 16:00:00,18.93,60.98,375.00,454.36,168.00,340.53,3.63,87,101933  
27/08/2012 17:00:00,18.74,64.33,127.00,34.08,117.00,336.95,3.23,90,101923

27/08/2012 18:00:00,18.45,71.61,42.00,24.98,39.00,334.23,2.91,85,101939  
27/08/2012 19:00:00,18.15,78.90,0.00,-0.00,0.00,331.52,2.60,81,101956  
27/08/2012 20:00:00,17.86,86.18,0.00,-0.00,0.00,328.80,2.29,77,101973  
27/08/2012 21:00:00,17.89,89.26,0.00,-0.00,0.00,327.95,2.12,33,101943  
27/08/2012 22:00:00,17.93,92.33,0.00,-0.00,0.00,327.10,1.95,350,101913  
27/08/2012 23:00:00,17.97,95.41,0.00,-0.00,0.00,326.25,1.78,307,101883  
28/08/2012 00:00:00,18.02,96.38,0.00,-0.00,0.00,325.68,1.77,308,101840  
28/08/2012 01:00:00,18.08,97.34,0.00,-0.00,0.00,325.12,1.77,309,101796  
28/08/2012 02:00:00,18.14,98.31,0.00,-0.00,0.00,324.55,1.77,310,101753  
28/08/2012 03:00:00,18.25,96.30,0.00,-0.00,0.00,324.40,2.12,310,101706  
28/08/2012 04:00:00,18.36,94.30,0.00,-0.00,0.00,324.25,2.48,310,101660  
28/08/2012 05:00:00,18.47,92.29,0.00,-0.00,0.00,324.10,2.84,310,101613  
28/08/2012 06:00:00,18.87,81.51,84.00,267.02,48.00,324.15,3.38,313,101587  
28/08/2012 07:00:00,19.27,70.72,261.00,584.98,81.00,324.20,3.92,316,101560  
28/08/2012 08:00:00,19.68,59.94,434.00,700.68,106.00,324.25,4.46,319,101533  
28/08/2012 09:00:00,20.12,54.90,594.00,793.21,114.00,326.77,4.55,326,101477  
28/08/2012 10:00:00,20.55,49.85,714.00,827.44,127.00,329.28,4.64,333,101420  
28/08/2012 11:00:00,20.99,44.81,771.00,780.50,167.00,331.80,4.73,339,101364  
28/08/2012 12:00:00,21.17,43.70,795.00,788.34,169.00,336.18,4.74,350,101304  
28/08/2012 13:00:00,21.35,42.60,770.00,794.88,159.00,340.57,4.76,0,101244  
28/08/2012 14:00:00,21.53,41.49,697.00,797.85,139.00,344.95,4.77,10,101184  
28/08/2012 15:00:00,20.98,48.56,508.00,492.43,217.00,352.13,4.62,32,101164  
28/08/2012 16:00:00,20.43,55.62,370.00,452.59,166.00,359.32,4.47,54,101144  
28/08/2012 17:00:00,19.88,62.69,185.00,208.11,125.00,366.50,4.32,75,101124  
28/08/2012 18:00:00,19.45,69.43,35.00,8.71,34.00,367.77,3.73,82,101164  
28/08/2012 19:00:00,19.01,76.17,0.00,-0.00,0.00,369.03,3.14,88,101204  
28/08/2012 20:00:00,18.58,82.91,0.00,-0.00,0.00,370.30,2.55,94,101244  
28/08/2012 21:00:00,18.65,85.01,0.00,-0.00,0.00,369.55,3.03,88,101250  
28/08/2012 22:00:00,18.72,87.12,0.00,-0.00,0.00,368.80,3.51,83,101257  
28/08/2012 23:00:00,18.79,89.22,0.00,-0.00,0.00,368.05,3.99,77,101264  
29/08/2012 00:00:00,18.80,89.22,0.00,-0.00,0.00,372.70,4.35,76,101300  
29/08/2012 01:00:00,18.82,89.22,0.00,-0.00,0.00,377.35,4.71,74,101337  
29/08/2012 02:00:00,18.84,89.22,0.00,-0.00,0.00,382.00,5.08,72,101374  
29/08/2012 03:00:00,18.82,90.14,0.00,-0.00,0.00,379.28,4.41,77,101414  
29/08/2012 04:00:00,18.80,91.06,0.00,-0.00,0.00,376.57,3.74,81,101453  
29/08/2012 05:00:00,18.78,91.98,0.00,-0.00,0.00,373.85,3.08,85,101493  
29/08/2012 06:00:00,18.94,83.87,79.00,243.75,47.00,367.68,3.03,82,101550  
29/08/2012 07:00:00,19.09,75.76,254.00,552.07,86.00,361.52,2.98,78,101607  
29/08/2012 08:00:00,19.24,67.65,422.00,651.89,119.00,355.35,2.94,75,101663  
29/08/2012 09:00:00,19.35,62.91,558.00,649.70,167.00,354.63,2.94,68,101666  
29/08/2012 10:00:00,19.46,58.16,550.00,330.02,317.00,353.92,2.95,61,101670  
29/08/2012 11:00:00,19.57,53.42,650.00,433.60,316.00,353.20,2.95,54,101673  
29/08/2012 12:00:00,19.66,52.58,704.00,522.59,291.00,355.55,3.35,59,101663  
29/08/2012 13:00:00,19.76,51.74,694.00,562.37,264.00,357.90,3.74,65,101653  
29/08/2012 14:00:00,19.86,50.90,535.00,312.21,318.00,360.25,4.14,70,101643  
29/08/2012 15:00:00,19.61,55.59,486.00,431.51,233.00,360.45,4.05,75,101630  
29/08/2012 16:00:00,19.36,60.27,344.00,361.14,183.00,360.65,3.96,80,101617  
29/08/2012 17:00:00,19.11,64.96,139.00,67.11,120.00,360.85,3.88,85,101603  
29/08/2012 18:00:00,18.78,71.14,63.00,210.32,40.00,359.03,3.29,88,101633  
29/08/2012 19:00:00,18.45,77.32,0.00,-0.00,0.00,357.22,2.70,91,101663

29/08/2012 20:00:00,18.12,83.50,0.00,-0.00,0.00,355.40,2.11,94,101693  
29/08/2012 21:00:00,18.07,87.03,0.00,-0.00,0.00,352.60,2.26,92,101666  
29/08/2012 22:00:00,18.02,90.57,0.00,-0.00,0.00,349.80,2.40,90,101640  
29/08/2012 23:00:00,17.97,94.10,0.00,-0.00,0.00,347.00,2.55,88,101613  
30/08/2012 00:00:00,17.99,94.48,0.00,-0.00,0.00,342.48,2.47,79,101617  
30/08/2012 01:00:00,18.02,94.85,0.00,-0.00,0.00,337.97,2.40,69,101620  
30/08/2012 02:00:00,18.05,95.23,0.00,-0.00,0.00,333.45,2.32,60,101623  
30/08/2012 03:00:00,18.12,94.95,0.00,-0.00,0.00,332.87,2.57,57,101607  
30/08/2012 04:00:00,18.19,94.68,0.00,-0.00,0.00,332.28,2.83,54,101590  
30/08/2012 05:00:00,18.26,94.40,0.00,-0.00,0.00,331.70,3.09,51,101573  
30/08/2012 06:00:00,18.44,85.93,75.00,227.04,46.00,340.55,4.19,56,101593  
30/08/2012 07:00:00,18.62,77.45,245.00,511.81,91.00,349.40,5.30,61,101613  
30/08/2012 08:00:00,18.80,68.98,410.00,604.62,131.00,358.25,6.40,66,101633  
30/08/2012 09:00:00,18.80,65.39,566.00,698.47,148.00,368.27,6.47,67,101633  
30/08/2012 10:00:00,18.79,61.81,678.00,714.53,176.00,378.28,6.55,67,101633  
30/08/2012 11:00:00,18.79,58.22,402.00,54.78,360.00,388.30,6.62,68,101633  
30/08/2012 12:00:00,19.02,59.56,680.00,467.92,312.00,381.03,6.73,72,101613  
30/08/2012 13:00:00,19.26,60.89,650.00,452.32,306.00,373.77,6.84,75,101593  
30/08/2012 14:00:00,19.50,62.23,578.00,428.58,282.00,366.50,6.95,79,101573  
30/08/2012 15:00:00,19.37,65.51,429.00,278.54,267.00,364.05,6.66,77,101577  
30/08/2012 16:00:00,19.24,68.78,204.00,38.56,187.00,361.60,6.37,75,101580  
30/08/2012 17:00:00,19.10,72.06,103.00,14.39,99.00,359.15,6.08,73,101583  
30/08/2012 18:00:00,18.74,76.19,16.00,0.00,16.00,359.07,5.43,72,101617  
30/08/2012 19:00:00,18.37,80.32,0.00,-0.00,0.00,358.98,4.78,72,101650  
30/08/2012 20:00:00,18.00,84.45,0.00,-0.00,0.00,358.90,4.12,72,101683  
30/08/2012 21:00:00,17.82,86.93,0.00,-0.00,0.00,355.28,3.59,76,101690  
30/08/2012 22:00:00,17.64,89.42,0.00,-0.00,0.00,351.67,3.06,80,101696  
30/08/2012 23:00:00,17.47,91.90,0.00,-0.00,0.00,348.05,2.52,84,101703  
31/08/2012 00:00:00,17.38,91.95,0.00,-0.00,0.00,346.63,2.61,84,101726  
31/08/2012 01:00:00,17.29,92.00,0.00,-0.00,0.00,345.22,2.70,83,101750  
31/08/2012 02:00:00,17.20,92.05,0.00,-0.00,0.00,343.80,2.79,83,101773  
31/08/2012 03:00:00,17.17,91.86,0.00,-0.00,0.00,342.33,3.04,85,101786  
31/08/2012 04:00:00,17.14,91.67,0.00,-0.00,0.00,340.87,3.29,88,101800  
31/08/2012 05:00:00,17.11,91.48,0.00,-0.00,0.00,339.40,3.54,90,101813  
31/08/2012 06:00:00,17.31,86.56,75.00,257.73,43.00,339.17,3.85,95,101853  
31/08/2012 07:00:00,17.51,81.64,249.00,564.79,81.00,338.93,4.15,101,101893  
31/08/2012 08:00:00,17.71,76.72,415.00,648.37,118.00,338.70,4.46,106,101933  
31/08/2012 09:00:00,17.88,69.81,503.00,470.55,223.00,337.82,5.14,107,101949  
31/08/2012 10:00:00,18.05,62.89,387.00,75.82,334.00,336.93,5.83,109,101966  
31/08/2012 11:00:00,18.22,55.98,543.00,224.11,372.00,336.05,6.51,110,101983  
31/08/2012 12:00:00,18.40,54.75,506.00,146.95,391.00,348.20,6.42,113,102036  
31/08/2012 13:00:00,18.59,53.52,666.00,505.06,284.00,360.35,6.34,116,102089  
31/08/2012 14:00:00,18.78,52.29,281.00,13.12,272.00,372.50,6.25,119,102142  
31/08/2012 15:00:00,18.73,54.82,146.00,0.00,146.00,361.35,5.40,124,102176  
31/08/2012 16:00:00,17.37,65.64,300.00,234.07,198.00,335.10,4.27,128,102209  
31/08/2012 17:00:00,17.44,67.63,136.00,77.04,115.00,337.31,4.16,133,102242  
31/08/2012 18:00:00,17.50,69.62,20.00,0.00,20.00,339.52,4.05,137,102306  
31/08/2012 19:00:00,17.57,71.61,0.00,-0.00,0.00,341.73,3.95,141,102369  
31/08/2012 20:00:00,17.64,73.60,0.00,-0.00,0.00,343.94,3.84,145,102432  
31/08/2012 21:00:00,17.70,75.59,0.00,-0.00,0.00,346.14,3.73,147,102469

31/08/2012 22:00:00,17.77,77.58,0.00,-0.00,0.00,348.35,3.62,149,102505  
31/08/2012 23:00:00,17.83,79.57,0.00,-0.00,0.00,350.56,3.51,151,102542  
01/09/2009 00:00:00,17.90,81.56,0.00,-0.00,0.00,352.77,3.40,95,100871  
01/09/2009 01:00:00,17.97,83.55,0.00,-0.00,0.00,354.98,3.29,96,100928  
01/09/2009 02:00:00,18.03,85.54,0.00,-0.00,0.00,357.19,3.19,98,100984  
01/09/2009 03:00:00,18.10,87.53,0.00,-0.00,0.00,359.40,3.08,92,101021  
01/09/2009 04:00:00,18.16,89.52,0.00,-0.00,0.00,361.61,2.97,86,101057  
01/09/2009 05:00:00,18.23,91.51,0.00,-0.00,0.00,363.82,2.86,80,101094  
01/09/2009 06:00:00,18.29,93.50,20.00,0.00,20.00,366.03,2.75,76,101141  
01/09/2009 07:00:00,18.36,95.48,102.00,10.20,99.00,368.24,2.64,71,101187  
01/09/2009 08:00:00,19.26,71.86,204.00,32.99,189.00,382.60,3.74,66,101234  
01/09/2009 09:00:00,19.27,68.03,283.00,38.88,260.00,381.00,4.65,68,101260  
01/09/2009 10:00:00,19.29,64.20,541.00,323.50,316.00,379.40,5.56,71,101287  
01/09/2009 11:00:00,19.30,60.37,701.00,591.34,252.00,377.80,6.47,73,101314  
01/09/2009 12:00:00,19.24,57.96,808.00,882.35,121.00,364.90,6.78,75,101334  
01/09/2009 13:00:00,19.18,55.54,757.00,799.07,156.00,352.00,7.09,77,101354  
01/09/2009 14:00:00,19.12,53.13,658.00,707.10,176.00,339.10,7.39,79,101374  
01/09/2009 15:00:00,18.96,56.23,525.00,615.37,173.00,338.78,6.83,79,101407  
01/09/2009 16:00:00,18.80,59.33,362.00,489.95,151.00,338.47,6.26,79,101440  
01/09/2009 17:00:00,18.63,62.43,83.00,3.74,82.00,338.15,5.70,79,101473  
01/09/2009 18:00:00,18.35,66.84,6.00,0.00,6.00,337.23,4.86,78,101520  
01/09/2009 19:00:00,18.07,71.26,0.00,-0.00,0.00,336.32,4.01,78,101567  
01/09/2009 20:00:00,17.80,75.67,0.00,-0.00,0.00,335.40,3.17,78,101613  
01/09/2009 21:00:00,17.73,78.23,0.00,-0.00,0.00,334.72,3.13,74,101607  
01/09/2009 22:00:00,17.66,80.80,0.00,-0.00,0.00,334.03,3.08,70,101600  
01/09/2009 23:00:00,17.60,83.36,0.00,-0.00,0.00,333.35,3.03,66,101593  
02/09/2009 00:00:00,17.51,83.83,0.00,-0.00,0.00,337.60,2.98,58,101567  
02/09/2009 01:00:00,17.43,84.30,0.00,-0.00,0.00,341.85,2.93,50,101540  
02/09/2009 02:00:00,17.34,84.77,0.00,-0.00,0.00,346.10,2.88,43,101513  
02/09/2009 03:00:00,17.48,83.77,0.00,-0.00,0.00,349.82,2.90,43,101490  
02/09/2009 04:00:00,17.63,82.76,0.00,-0.00,0.00,353.53,2.92,43,101467  
02/09/2009 05:00:00,17.77,81.76,0.00,-0.00,0.00,357.25,2.94,44,101444  
02/09/2009 06:00:00,18.13,77.54,21.00,0.00,21.00,359.25,3.61,44,101434  
02/09/2009 07:00:00,18.48,73.33,162.00,120.48,127.00,361.25,4.28,45,101424  
02/09/2009 08:00:00,18.83,69.11,144.00,2.22,143.00,363.25,4.95,45,101414  
02/09/2009 09:00:00,19.01,65.74,95.00,0.00,95.00,361.77,5.35,47,101370  
02/09/2009 10:00:00,19.19,62.37,281.00,11.56,273.00,360.28,5.74,48,101327  
02/09/2009 11:00:00,19.37,59.00,513.00,181.33,376.00,358.80,6.14,50,101284  
02/09/2009 12:00:00,19.39,61.20,86.00,0.00,86.00,358.28,6.66,47,101191  
02/09/2009 13:00:00,19.41,63.39,304.00,10.70,296.00,357.77,7.19,45,101097  
02/09/2009 14:00:00,19.43,65.59,234.00,2.95,232.00,357.25,7.71,42,101004  
02/09/2009 15:00:00,19.10,73.39,187.00,1.76,186.00,356.80,7.61,41,100931  
02/09/2009 16:00:00,18.77,81.18,94.00,0.00,94.00,356.35,7.52,41,100858  
02/09/2009 17:00:00,18.44,88.98,100.00,19.10,95.00,355.90,7.42,40,100785  
02/09/2009 18:00:00,18.24,91.68,6.00,0.00,6.00,362.68,7.96,43,100735  
02/09/2009 19:00:00,18.03,94.39,0.00,-0.00,0.00,369.47,8.51,46,100685  
02/09/2009 20:00:00,17.83,97.09,0.00,-0.00,0.00,376.25,9.05,49,100635  
02/09/2009 21:00:00,17.75,95.47,0.00,-0.00,0.00,381.23,8.96,57,100625  
02/09/2009 22:00:00,17.68,93.86,0.00,-0.00,0.00,386.22,8.87,66,100615  
02/09/2009 23:00:00,17.61,92.24,0.00,-0.00,0.00,391.20,8.79,74,100605

03/09/2009 00:00:00,17.38,92.06,0.00,-0.00,0.00,384.03,8.51,80,100621  
03/09/2009 01:00:00,17.15,91.89,0.00,-0.00,0.00,376.87,8.23,86,100638  
03/09/2009 02:00:00,16.92,91.71,0.00,-0.00,0.00,369.70,7.94,91,100655  
03/09/2009 03:00:00,16.71,91.77,0.00,-0.00,0.00,373.75,7.53,93,100708  
03/09/2009 04:00:00,16.50,91.83,0.00,-0.00,0.00,377.80,7.11,95,100761  
03/09/2009 05:00:00,16.28,91.89,0.00,-0.00,0.00,381.85,6.69,96,100814  
03/09/2009 06:00:00,16.41,88.63,62.00,185.26,41.00,384.42,6.72,96,100894  
03/09/2009 07:00:00,16.54,85.37,173.00,167.24,125.00,386.98,6.74,96,100974  
03/09/2009 08:00:00,16.67,82.11,158.00,6.70,155.00,389.55,6.77,95,101054  
03/09/2009 09:00:00,16.76,76.67,568.00,754.34,127.00,388.65,7.00,93,101067  
03/09/2009 10:00:00,16.85,71.24,320.00,29.06,300.00,387.75,7.22,90,101081  
03/09/2009 11:00:00,16.93,65.80,756.00,798.19,156.00,386.85,7.45,87,101094  
03/09/2009 12:00:00,17.33,62.43,500.00,147.95,386.00,378.15,7.58,86,101084  
03/09/2009 13:00:00,17.73,59.07,500.00,174.85,370.00,369.45,7.71,84,101074  
03/09/2009 14:00:00,18.12,55.70,385.00,87.74,326.00,360.75,7.83,82,101064  
03/09/2009 15:00:00,17.69,58.91,183.00,1.78,182.00,366.22,7.29,81,101051  
03/09/2009 16:00:00,17.26,62.12,95.00,0.00,95.00,371.68,6.74,79,101037  
03/09/2009 17:00:00,16.82,65.33,103.00,23.41,97.00,377.15,6.19,78,101024  
03/09/2009 18:00:00,16.47,71.92,5.00,0.00,5.00,377.35,5.40,69,101017  
03/09/2009 19:00:00,16.12,78.50,0.00,-0.00,0.00,377.55,4.61,60,101011  
03/09/2009 20:00:00,15.77,85.09,0.00,-0.00,0.00,377.75,3.82,51,101004  
03/09/2009 21:00:00,16.02,89.94,0.00,-0.00,0.00,381.67,4.22,47,100944  
03/09/2009 22:00:00,16.27,94.79,0.00,-0.00,0.00,385.58,4.61,42,100884  
03/09/2009 23:00:00,16.52,99.64,0.00,-0.00,0.00,389.50,5.01,38,100824  
04/09/2009 00:00:00,16.57,99.25,0.00,-0.00,0.00,387.13,5.96,48,100755  
04/09/2009 01:00:00,16.62,98.86,0.00,-0.00,0.00,384.77,6.91,58,100685  
04/09/2009 02:00:00,16.67,98.47,0.00,-0.00,0.00,382.40,7.86,68,100615  
04/09/2009 03:00:00,16.58,96.18,0.00,-0.00,0.00,375.03,7.85,84,100681  
04/09/2009 04:00:00,16.50,93.89,0.00,-0.00,0.00,367.67,7.84,100,100748  
04/09/2009 05:00:00,16.41,91.60,0.00,-0.00,0.00,360.30,7.83,115,100814  
04/09/2009 06:00:00,16.41,86.59,72.00,346.32,34.00,354.45,7.89,118,100944  
04/09/2009 07:00:00,16.41,81.58,215.00,395.08,103.00,348.60,7.95,121,101074  
04/09/2009 08:00:00,16.40,76.57,406.00,664.04,111.00,342.75,8.01,124,101204  
04/09/2009 09:00:00,16.59,68.19,567.00,765.83,122.00,339.37,8.00,123,101297  
04/09/2009 10:00:00,16.79,59.80,582.00,451.35,273.00,335.98,7.98,122,101390  
04/09/2009 11:00:00,16.98,51.42,535.00,225.99,366.00,332.60,7.96,121,101483  
04/09/2009 12:00:00,17.19,49.57,555.00,234.86,375.00,330.97,7.93,121,101587  
04/09/2009 13:00:00,17.40,47.72,564.00,290.91,349.00,329.33,7.89,122,101690  
04/09/2009 14:00:00,17.60,45.87,630.00,651.49,195.00,327.70,7.86,122,101793  
04/09/2009 15:00:00,17.43,47.88,417.00,294.35,253.00,322.87,6.91,123,101840  
04/09/2009 16:00:00,17.26,49.89,167.00,16.87,160.00,318.03,5.95,124,101886  
04/09/2009 17:00:00,17.08,51.90,207.00,534.24,73.00,313.20,4.99,124,101933  
04/09/2009 18:00:00,16.78,56.10,5.00,0.00,5.00,312.98,4.38,126,101999  
04/09/2009 19:00:00,16.48,60.31,0.00,-0.00,0.00,312.77,3.77,129,102066  
04/09/2009 20:00:00,16.17,64.51,0.00,-0.00,0.00,312.55,3.16,131,102132  
04/09/2009 21:00:00,16.12,68.66,0.00,-0.00,0.00,315.78,3.14,131,102179  
04/09/2009 22:00:00,16.06,72.81,0.00,-0.00,0.00,319.02,3.13,132,102226  
04/09/2009 23:00:00,16.00,76.96,0.00,-0.00,0.00,322.25,3.12,132,102272  
05/09/2009 00:00:00,15.77,80.98,0.00,-0.00,0.00,330.78,3.19,136,102296  
05/09/2009 01:00:00,15.54,85.00,0.00,-0.00,0.00,339.32,3.26,139,102319

05/09/2009 02:00:00,15.31,89.02,0.00,-0.00,0.00,347.85,3.32,143,102342  
05/09/2009 03:00:00,15.36,89.68,0.00,-0.00,0.00,347.10,3.18,144,102352  
05/09/2009 04:00:00,15.42,90.33,0.00,-0.00,0.00,346.35,3.03,146,102362  
05/09/2009 05:00:00,15.47,90.99,0.00,-0.00,0.00,345.60,2.88,148,102372  
05/09/2009 06:00:00,15.87,81.22,65.00,282.81,35.00,345.60,2.67,146,102409  
05/09/2009 07:00:00,16.26,71.45,239.00,600.14,71.00,345.60,2.45,144,102445  
05/09/2009 08:00:00,16.66,61.68,417.00,746.51,88.00,345.60,2.23,143,102482  
05/09/2009 09:00:00,16.95,58.30,546.00,687.47,149.00,342.18,2.44,143,102492  
05/09/2009 10:00:00,17.24,54.93,518.00,298.14,315.00,338.77,2.64,143,102502  
05/09/2009 11:00:00,17.53,51.55,584.00,323.97,343.00,335.35,2.84,143,102512  
05/09/2009 12:00:00,17.55,52.10,511.00,170.55,381.00,332.23,2.94,152,102499  
05/09/2009 13:00:00,17.56,52.66,517.00,211.00,362.00,329.12,3.04,162,102485  
05/09/2009 14:00:00,17.58,53.21,236.00,3.02,234.00,326.00,3.14,171,102472  
05/09/2009 15:00:00,17.55,54.56,340.00,132.23,267.00,322.08,2.63,177,102465  
05/09/2009 16:00:00,17.53,55.90,295.00,280.75,180.00,318.17,2.12,184,102459  
05/09/2009 17:00:00,17.50,57.25,187.00,407.75,87.00,314.25,1.61,190,102452  
05/09/2009 18:00:00,17.30,64.21,4.00,0.00,4.00,314.63,2.05,194,102472  
05/09/2009 19:00:00,17.09,71.18,0.00,-0.00,0.00,315.02,2.48,199,102492  
05/09/2009 20:00:00,16.89,78.14,0.00,-0.00,0.00,315.40,2.91,203,102512  
05/09/2009 21:00:00,16.79,82.03,0.00,-0.00,0.00,314.55,3.03,214,102512  
05/09/2009 22:00:00,16.69,85.93,0.00,-0.00,0.00,313.70,3.14,225,102512  
05/09/2009 23:00:00,16.59,89.82,0.00,-0.00,0.00,312.85,3.26,236,102512  
06/09/2009 00:00:00,16.20,91.14,0.00,-0.00,0.00,311.15,3.24,246,102492  
06/09/2009 01:00:00,15.82,92.45,0.00,-0.00,0.00,309.45,3.22,257,102472  
06/09/2009 02:00:00,15.43,93.77,0.00,-0.00,0.00,307.75,3.20,267,102452  
06/09/2009 03:00:00,15.37,93.60,0.00,-0.00,0.00,306.75,3.10,270,102422  
06/09/2009 04:00:00,15.32,93.44,0.00,-0.00,0.00,305.75,3.01,274,102392  
06/09/2009 05:00:00,15.26,93.27,0.00,-0.00,0.00,304.75,2.91,277,102362  
06/09/2009 06:00:00,15.75,83.82,60.00,244.10,35.00,304.10,3.29,279,102365  
06/09/2009 07:00:00,16.24,74.36,219.00,466.78,90.00,303.45,3.66,280,102369  
06/09/2009 08:00:00,16.72,64.91,399.00,658.80,111.00,302.80,4.04,282,102372  
06/09/2009 09:00:00,17.33,60.14,553.00,737.13,130.00,303.10,3.99,282,102322  
06/09/2009 10:00:00,17.95,55.36,680.00,812.27,130.00,303.40,3.94,282,102272  
06/09/2009 11:00:00,18.56,50.59,721.00,713.59,193.00,303.70,3.89,281,102222  
06/09/2009 12:00:00,19.15,47.99,722.00,654.37,226.00,304.70,3.90,279,102146  
06/09/2009 13:00:00,19.74,45.38,730.00,779.37,161.00,305.70,3.91,277,102069  
06/09/2009 14:00:00,20.33,42.78,670.00,850.93,110.00,306.70,3.92,275,101993  
06/09/2009 15:00:00,20.26,47.52,537.00,782.51,109.00,308.77,3.43,273,101943  
06/09/2009 16:00:00,20.19,52.27,371.00,670.42,100.00,310.83,2.94,271,101893  
06/09/2009 17:00:00,20.12,57.01,188.00,450.69,80.00,312.90,2.46,270,101843  
06/09/2009 18:00:00,19.67,61.32,4.00,0.00,4.00,314.22,2.59,273,101840  
06/09/2009 19:00:00,19.22,65.64,0.00,-0.00,0.00,315.53,2.72,276,101836  
06/09/2009 20:00:00,18.77,69.95,0.00,-0.00,0.00,316.85,2.86,278,101833  
06/09/2009 21:00:00,18.53,72.07,0.00,-0.00,0.00,316.85,2.93,280,101820  
06/09/2009 22:00:00,18.28,74.19,0.00,-0.00,0.00,316.85,3.00,281,101806  
06/09/2009 23:00:00,18.04,76.31,0.00,-0.00,0.00,316.85,3.08,282,101793  
07/09/2009 00:00:00,17.62,79.66,0.00,-0.00,0.00,315.68,2.98,280,101773  
07/09/2009 01:00:00,17.19,83.02,0.00,-0.00,0.00,314.52,2.88,278,101753  
07/09/2009 02:00:00,16.77,86.37,0.00,-0.00,0.00,313.35,2.79,276,101733  
07/09/2009 03:00:00,16.64,87.43,0.00,-0.00,0.00,312.68,2.72,280,101726



07/09/2009 04:00:00,16.51,88.49,0.00,-0.00,0.00,312.02,2.65,283,101720  
07/09/2009 05:00:00,16.37,89.55,0.00,-0.00,0.00,311.35,2.58,287,101713  
07/09/2009 06:00:00,16.89,81.75,57.00,232.93,34.00,311.73,1.94,294,101756  
07/09/2009 07:00:00,17.41,73.94,225.00,535.25,79.00,312.12,1.29,302,101800  
07/09/2009 08:00:00,17.92,66.14,387.00,611.21,122.00,312.50,0.65,309,101843  
07/09/2009 09:00:00,18.36,60.61,538.00,685.75,147.00,314.17,0.74,3,101846  
07/09/2009 10:00:00,18.80,55.09,395.00,99.51,328.00,315.83,0.82,56,101850  
07/09/2009 11:00:00,19.24,49.56,743.00,808.54,148.00,317.50,0.91,110,101853  
07/09/2009 12:00:00,19.51,46.71,773.00,845.17,136.00,318.02,0.97,102,101833  
07/09/2009 13:00:00,19.77,43.86,751.00,879.40,113.00,318.53,1.03,95,101813  
07/09/2009 14:00:00,20.03,41.01,665.00,849.65,110.00,319.05,1.09,87,101793  
07/09/2009 15:00:00,19.74,47.36,537.00,806.61,100.00,319.78,1.38,99,101783  
07/09/2009 16:00:00,19.44,53.70,373.00,712.17,89.00,320.52,1.67,112,101773  
07/09/2009 17:00:00,19.14,60.05,195.00,559.91,64.00,321.25,1.96,124,101763  
07/09/2009 18:00:00,18.67,67.86,4.00,0.00,4.00,322.15,2.08,138,101800  
07/09/2009 19:00:00,18.20,75.66,0.00,-0.00,0.00,323.05,2.21,151,101836  
07/09/2009 20:00:00,17.74,83.47,0.00,-0.00,0.00,323.95,2.33,165,101873  
07/09/2009 21:00:00,17.59,84.14,0.00,-0.00,0.00,324.58,2.14,182,101866  
07/09/2009 22:00:00,17.45,84.81,0.00,-0.00,0.00,325.22,1.95,198,101860  
07/09/2009 23:00:00,17.31,85.48,0.00,-0.00,0.00,325.85,1.77,214,101853  
08/09/2009 00:00:00,17.28,87.53,0.00,-0.00,0.00,327.15,2.10,231,101833  
08/09/2009 01:00:00,17.25,89.59,0.00,-0.00,0.00,328.45,2.44,248,101813  
08/09/2009 02:00:00,17.22,91.64,0.00,-0.00,0.00,329.75,2.77,264,101793  
08/09/2009 03:00:00,17.32,90.86,0.00,-0.00,0.00,330.50,2.80,272,101790  
08/09/2009 04:00:00,17.43,90.07,0.00,-0.00,0.00,331.25,2.83,280,101786  
08/09/2009 05:00:00,17.53,89.29,0.00,-0.00,0.00,332.00,2.86,288,101783  
08/09/2009 06:00:00,18.10,79.76,56.00,252.50,32.00,333.08,2.63,290,101813  
08/09/2009 07:00:00,18.66,70.24,230.00,609.32,66.00,334.17,2.41,293,101843  
08/09/2009 08:00:00,19.22,60.71,403.00,728.00,90.00,335.25,2.19,296,101873  
08/09/2009 09:00:00,19.83,54.84,562.00,815.57,100.00,336.93,2.13,303,101863  
08/09/2009 10:00:00,20.45,48.98,685.00,867.89,104.00,338.62,2.06,311,101853  
08/09/2009 11:00:00,21.06,43.11,765.00,911.44,98.00,340.30,2.00,319,101843  
08/09/2009 12:00:00,21.88,41.06,784.00,904.78,106.00,340.48,1.99,321,101786  
08/09/2009 13:00:00,22.69,39.02,742.00,864.25,119.00,340.67,1.97,323,101730  
08/09/2009 14:00:00,23.50,36.97,656.00,832.99,116.00,340.85,1.96,325,101673  
08/09/2009 15:00:00,22.56,43.78,528.00,792.11,103.00,342.30,1.77,274,101683  
08/09/2009 16:00:00,21.61,50.58,365.00,696.70,91.00,343.75,1.57,223,101693  
08/09/2009 17:00:00,20.66,57.39,182.00,481.91,72.00,345.20,1.38,172,101703  
08/09/2009 18:00:00,20.21,63.28,3.00,0.00,3.00,345.75,1.89,179,101743  
08/09/2009 19:00:00,19.76,69.18,0.00,-0.00,0.00,346.30,2.40,186,101783  
08/09/2009 20:00:00,19.31,75.07,0.00,-0.00,0.00,346.85,2.91,193,101823  
08/09/2009 21:00:00,19.16,75.20,0.00,-0.00,0.00,346.13,3.00,198,101836  
08/09/2009 22:00:00,19.02,75.32,0.00,-0.00,0.00,345.42,3.09,203,101850  
08/09/2009 23:00:00,18.88,75.45,0.00,-0.00,0.00,344.70,3.19,208,101863  
09/09/2009 00:00:00,18.49,75.65,0.00,-0.00,0.00,344.58,3.06,205,101876  
09/09/2009 01:00:00,18.11,75.85,0.00,-0.00,0.00,344.47,2.94,202,101889  
09/09/2009 02:00:00,17.72,76.05,0.00,-0.00,0.00,344.35,2.81,199,101903  
09/09/2009 03:00:00,17.63,78.37,0.00,-0.00,0.00,343.05,3.04,198,101933  
09/09/2009 04:00:00,17.54,80.69,0.00,-0.00,0.00,341.75,3.27,197,101963  
09/09/2009 05:00:00,17.44,83.01,0.00,-0.00,0.00,340.45,3.50,196,101993

09/09/2009 06:00:00,17.87,78.65,42.00,109.47,32.00,340.72,3.96,198,102039  
09/09/2009 07:00:00,18.30,74.30,159.00,165.72,115.00,340.98,4.42,200,102086  
09/09/2009 08:00:00,18.72,69.94,400.00,724.85,91.00,341.25,4.88,202,102132  
09/09/2009 09:00:00,19.42,64.86,550.00,773.01,115.00,341.43,4.84,204,102139  
09/09/2009 10:00:00,20.11,59.77,671.00,823.40,123.00,341.62,4.80,207,102146  
09/09/2009 11:00:00,20.80,54.69,757.00,894.62,106.00,341.80,4.76,209,102152  
09/09/2009 12:00:00,21.18,52.65,779.00,903.41,106.00,341.78,4.39,210,102132  
09/09/2009 13:00:00,21.56,50.60,737.00,862.93,119.00,341.77,4.02,210,102112  
09/09/2009 14:00:00,21.93,48.56,570.35,580.08,197.20,341.75,3.66,211,102093  
09/09/2009 15:00:00,21.78,51.69,494.00,649.40,149.00,342.08,3.44,205,102102  
09/09/2009 16:00:00,21.63,54.81,352.00,647.34,101.00,342.42,3.22,199,102112  
09/09/2009 17:00:00,21.47,57.94,117.00,98.87,95.00,342.75,3.01,193,102122  
09/09/2009 18:00:00,21.01,61.41,3.00,0.00,3.00,343.13,3.31,198,102176  
09/09/2009 19:00:00,20.54,64.88,0.00,-0.00,0.00,343.52,3.60,203,102229  
09/09/2009 20:00:00,20.08,68.35,0.00,-0.00,0.00,343.90,3.90,208,102282  
09/09/2009 21:00:00,19.93,70.41,0.00,-0.00,0.00,342.88,4.07,214,102306  
09/09/2009 22:00:00,19.78,72.46,0.00,-0.00,0.00,341.87,4.23,221,102329  
09/09/2009 23:00:00,19.63,74.52,0.00,-0.00,0.00,340.85,4.40,227,102352  
10/09/2009 00:00:00,19.33,77.91,0.00,-0.00,0.00,339.73,4.68,231,102382  
10/09/2009 01:00:00,19.03,81.30,0.00,-0.00,0.00,338.62,4.96,235,102412  
10/09/2009 02:00:00,18.73,84.69,0.00,-0.00,0.00,337.50,5.24,239,102442  
10/09/2009 03:00:00,18.52,85.08,0.00,-0.00,0.00,336.48,5.31,236,102465  
10/09/2009 04:00:00,18.32,85.47,0.00,-0.00,0.00,335.47,5.39,233,102489  
10/09/2009 05:00:00,18.11,85.86,0.00,-0.00,0.00,334.45,5.46,230,102512  
10/09/2009 06:00:00,18.35,81.53,53.00,296.72,27.00,334.43,5.91,230,102562  
10/09/2009 07:00:00,18.59,77.20,213.00,515.56,78.00,334.42,6.36,230,102612  
10/09/2009 08:00:00,18.83,72.87,380.00,629.41,114.00,334.40,6.81,229,102662  
10/09/2009 09:00:00,19.38,68.63,535.00,719.20,133.00,335.23,6.84,228,102655  
10/09/2009 10:00:00,19.92,64.40,667.00,822.27,123.00,336.07,6.87,227,102648  
10/09/2009 11:00:00,20.46,60.16,752.00,894.25,105.00,336.90,6.90,226,102642  
10/09/2009 12:00:00,21.10,56.74,766.00,872.38,120.00,337.58,6.87,226,102605  
10/09/2009 13:00:00,21.74,53.31,728.00,846.20,126.00,338.27,6.84,227,102568  
10/09/2009 14:00:00,22.39,49.89,642.00,816.33,121.00,338.95,6.81,227,102532  
10/09/2009 15:00:00,22.24,51.76,504.00,720.64,125.00,340.57,6.45,225,102552  
10/09/2009 16:00:00,22.09,53.64,344.00,633.25,102.00,342.18,6.09,224,102572  
10/09/2009 17:00:00,21.94,55.51,158.00,355.28,81.00,343.80,5.72,222,102592  
10/09/2009 18:00:00,21.36,57.30,2.00,0.00,2.00,345.35,5.98,222,102642  
10/09/2009 19:00:00,20.78,59.08,0.00,-0.00,0.00,346.90,6.23,223,102692  
10/09/2009 20:00:00,20.19,60.87,0.00,-0.00,0.00,348.45,6.48,224,102742  
10/09/2009 21:00:00,19.80,62.40,0.00,-0.00,0.00,347.35,6.47,225,102755  
10/09/2009 22:00:00,19.40,63.93,0.00,-0.00,0.00,346.25,6.46,226,102768  
10/09/2009 23:00:00,19.00,65.46,0.00,-0.00,0.00,345.15,6.44,227,102781  
11/09/2009 00:00:00,18.40,67.99,0.00,-0.00,0.00,341.40,6.44,227,102765  
11/09/2009 01:00:00,17.81,70.51,0.00,-0.00,0.00,337.65,6.44,227,102748  
11/09/2009 02:00:00,17.21,73.04,0.00,-0.00,0.00,333.90,6.44,227,102732  
11/09/2009 03:00:00,16.90,74.82,0.00,-0.00,0.00,332.82,6.60,227,102745  
11/09/2009 04:00:00,16.59,76.59,0.00,-0.00,0.00,331.73,6.76,227,102758  
11/09/2009 05:00:00,16.27,78.37,0.00,-0.00,0.00,330.65,6.92,227,102771  
11/09/2009 06:00:00,16.52,74.62,35.00,71.52,29.00,332.60,7.29,229,102771  
11/09/2009 07:00:00,16.76,70.88,102.00,23.24,96.00,334.55,7.66,232,102771

11/09/2009 08:00:00,17.01,67.13,140.00,4.77,138.00,336.50,8.03,234,102771  
11/09/2009 09:00:00,17.74,62.69,194.00,3.60,192.00,334.18,7.81,233,102715  
11/09/2009 10:00:00,18.46,58.26,168.00,0.00,168.00,331.87,7.59,231,102658  
11/09/2009 11:00:00,19.18,53.82,405.00,77.86,349.00,329.55,7.37,230,102602  
11/09/2009 12:00:00,19.88,51.47,532.00,232.34,361.00,330.70,7.58,231,102535  
11/09/2009 13:00:00,20.57,49.13,716.00,815.15,140.00,331.85,7.80,231,102469  
11/09/2009 14:00:00,21.26,46.78,610.00,706.02,163.00,333.00,8.01,232,102402  
11/09/2009 15:00:00,21.14,48.03,485.00,657.01,143.00,333.78,7.54,231,102392  
11/09/2009 16:00:00,21.02,49.28,335.00,605.53,107.00,334.57,7.08,231,102382  
11/09/2009 17:00:00,20.89,50.53,164.00,445.70,70.00,335.35,6.61,230,102372  
11/09/2009 18:00:00,20.39,52.35,2.00,0.00,2.00,335.03,6.70,231,102402  
11/09/2009 19:00:00,19.88,54.16,0.00,-0.00,0.00,334.72,6.80,232,102432  
11/09/2009 20:00:00,19.38,55.98,0.00,-0.00,0.00,334.40,6.90,232,102462  
11/09/2009 21:00:00,19.04,57.41,0.00,-0.00,0.00,333.32,6.83,232,102452  
11/09/2009 22:00:00,18.70,58.83,0.00,-0.00,0.00,332.23,6.77,232,102442  
11/09/2009 23:00:00,18.36,60.26,0.00,-0.00,0.00,331.15,6.70,232,102432  
12/09/2009 00:00:00,17.79,62.28,0.00,-0.00,0.00,328.85,6.72,232,102392  
12/09/2009 01:00:00,17.23,64.31,0.00,-0.00,0.00,326.55,6.74,232,102352  
12/09/2009 02:00:00,16.66,66.33,0.00,-0.00,0.00,324.25,6.76,232,102312  
12/09/2009 03:00:00,16.39,68.34,0.00,-0.00,0.00,323.18,6.85,232,102302  
12/09/2009 04:00:00,16.12,70.35,0.00,-0.00,0.00,322.12,6.94,231,102292  
12/09/2009 05:00:00,15.85,72.36,0.00,-0.00,0.00,321.05,7.03,230,102282  
12/09/2009 06:00:00,16.13,69.38,27.00,37.43,24.00,320.62,7.48,231,102272  
12/09/2009 07:00:00,16.41,66.40,160.00,208.28,107.00,320.18,7.93,233,102262  
12/09/2009 08:00:00,16.68,63.42,351.00,508.24,140.00,319.75,8.37,234,102252  
12/09/2009 09:00:00,17.43,59.06,430.00,346.46,239.00,321.60,8.29,234,102212  
12/09/2009 10:00:00,18.18,54.69,581.00,529.41,235.00,323.45,8.21,235,102172  
12/09/2009 11:00:00,18.92,50.33,725.00,818.17,140.00,325.30,8.12,235,102132  
12/09/2009 12:00:00,19.53,47.50,752.00,854.46,127.00,324.60,8.18,236,102073  
12/09/2009 13:00:00,20.13,44.67,692.00,745.26,169.00,323.90,8.24,236,102013  
12/09/2009 14:00:00,20.74,41.84,627.00,797.80,126.00,323.20,8.30,237,101953  
12/09/2009 15:00:00,20.58,43.51,497.00,741.59,115.00,322.50,7.62,236,101953  
12/09/2009 16:00:00,20.42,45.17,334.00,636.36,98.00,321.80,6.93,235,101953  
12/09/2009 17:00:00,20.26,46.84,162.00,473.05,65.00,321.10,6.25,234,101953  
12/09/2009 18:00:00,19.78,49.29,0.00,0.00,0.00,321.55,6.29,234,101999  
12/09/2009 19:00:00,19.29,51.74,0.00,-0.00,0.00,322.00,6.34,234,102046  
12/09/2009 20:00:00,18.81,54.19,0.00,-0.00,0.00,322.45,6.39,234,102093  
12/09/2009 21:00:00,18.54,56.27,0.00,-0.00,0.00,322.37,6.34,233,102099  
12/09/2009 22:00:00,18.27,58.34,0.00,-0.00,0.00,322.28,6.29,232,102106  
12/09/2009 23:00:00,18.00,60.42,0.00,-0.00,0.00,322.20,6.23,231,102112  
13/09/2009 00:00:00,17.61,63.47,0.00,-0.00,0.00,322.02,6.11,230,102122  
13/09/2009 01:00:00,17.21,66.53,0.00,-0.00,0.00,321.83,5.99,230,102132  
13/09/2009 02:00:00,16.82,69.58,0.00,-0.00,0.00,321.65,5.86,229,102142  
13/09/2009 03:00:00,16.56,71.85,0.00,-0.00,0.00,320.92,5.98,228,102139  
13/09/2009 04:00:00,16.31,74.11,0.00,-0.00,0.00,320.18,6.10,227,102136  
13/09/2009 05:00:00,16.05,76.38,0.00,-0.00,0.00,319.45,6.22,226,102132  
13/09/2009 06:00:00,16.33,72.17,37.00,144.01,26.00,318.67,6.58,228,102142  
13/09/2009 07:00:00,16.61,67.97,206.00,538.42,71.00,317.88,6.94,229,102152  
13/09/2009 08:00:00,16.89,63.76,380.00,690.35,96.00,317.10,7.30,231,102162  
13/09/2009 09:00:00,17.63,58.74,533.00,765.45,114.00,316.95,7.15,229,102129

13/09/2009 10:00:00,18.37,53.71,650.00,803.72,128.00,316.80,7.00,228,102096  
13/09/2009 11:00:00,19.11,48.69,727.00,845.66,126.00,316.65,6.86,226,102063  
13/09/2009 12:00:00,19.62,46.12,740.00,824.10,141.00,317.07,6.96,224,102013  
13/09/2009 13:00:00,20.13,43.54,705.00,813.64,138.00,317.48,7.06,222,101963  
13/09/2009 14:00:00,20.65,40.97,622.00,796.42,126.00,317.90,7.16,220,101913  
13/09/2009 15:00:00,20.40,45.28,496.00,765.24,106.00,318.20,6.72,217,101906  
13/09/2009 16:00:00,20.16,49.59,330.00,643.56,95.00,318.50,6.29,214,101899  
13/09/2009 17:00:00,19.91,53.90,161.00,517.15,58.00,318.80,5.85,212,101893  
13/09/2009 18:00:00,19.19,58.12,0.00,0.00,0.00,318.27,5.97,213,101939  
13/09/2009 19:00:00,18.47,62.35,0.00,-0.00,0.00,317.73,6.10,214,101986  
13/09/2009 20:00:00,17.75,66.57,0.00,-0.00,0.00,317.20,6.22,216,102033  
13/09/2009 21:00:00,17.34,67.50,0.00,-0.00,0.00,316.40,6.16,216,102033  
13/09/2009 22:00:00,16.92,68.43,0.00,-0.00,0.00,315.60,6.09,216,102033  
13/09/2009 23:00:00,16.50,69.36,0.00,-0.00,0.00,314.80,6.03,217,102033  
14/09/2009 00:00:00,15.92,73.48,0.00,-0.00,0.00,312.00,6.04,218,102023  
14/09/2009 01:00:00,15.35,77.60,0.00,-0.00,0.00,309.20,6.05,218,102013  
14/09/2009 02:00:00,14.77,81.72,0.00,-0.00,0.00,306.40,6.06,219,102003  
14/09/2009 03:00:00,14.57,82.97,0.00,-0.00,0.00,305.18,6.01,219,101986  
14/09/2009 04:00:00,14.37,84.23,0.00,-0.00,0.00,303.97,5.96,218,101969  
14/09/2009 05:00:00,14.16,85.48,0.00,-0.00,0.00,302.75,5.92,218,101953  
14/09/2009 06:00:00,14.57,78.92,33.00,123.96,24.00,302.68,6.68,221,101956  
14/09/2009 07:00:00,14.97,72.37,202.00,534.45,70.00,302.62,7.44,225,101959  
14/09/2009 08:00:00,15.37,65.81,370.00,655.08,103.00,302.55,8.21,229,101963  
14/09/2009 09:00:00,16.14,59.39,526.00,750.74,118.00,308.33,7.95,227,101923  
14/09/2009 10:00:00,16.91,52.96,636.00,760.82,145.00,314.12,7.70,226,101883  
14/09/2009 11:00:00,17.68,46.54,664.00,628.61,220.00,319.90,7.45,225,101843  
14/09/2009 12:00:00,18.15,45.53,609.00,423.70,303.00,328.25,7.42,222,101800  
14/09/2009 13:00:00,18.62,44.51,580.00,417.68,291.00,336.60,7.38,219,101756  
14/09/2009 14:00:00,19.09,43.50,202.00,1.62,201.00,344.95,7.35,216,101713  
14/09/2009 15:00:00,19.01,45.72,403.00,380.85,211.00,348.02,6.62,213,101690  
14/09/2009 16:00:00,18.93,47.93,122.00,5.56,120.00,351.08,5.88,209,101666  
14/09/2009 17:00:00,18.84,50.15,79.00,31.05,73.00,354.15,5.14,206,101643  
14/09/2009 18:00:00,18.39,54.61,0.00,0.00,0.00,352.25,5.14,203,101663  
14/09/2009 19:00:00,17.94,59.08,0.00,-0.00,0.00,350.35,5.14,201,101683  
14/09/2009 20:00:00,17.49,63.54,0.00,-0.00,0.00,348.45,5.14,198,101703  
14/09/2009 21:00:00,17.16,67.39,0.00,-0.00,0.00,343.82,5.04,198,101686  
14/09/2009 22:00:00,16.83,71.24,0.00,-0.00,0.00,339.18,4.94,197,101670  
14/09/2009 23:00:00,16.51,75.09,0.00,-0.00,0.00,334.55,4.84,197,101653  
15/09/2009 00:00:00,16.14,78.11,0.00,-0.00,0.00,331.75,4.58,194,101623  
15/09/2009 01:00:00,15.76,81.12,0.00,-0.00,0.00,328.95,4.33,191,101593  
15/09/2009 02:00:00,15.39,84.14,0.00,-0.00,0.00,326.15,4.07,189,101563  
15/09/2009 03:00:00,15.31,85.13,0.00,-0.00,0.00,324.22,4.00,188,101527  
15/09/2009 04:00:00,15.23,86.12,0.00,-0.00,0.00,322.28,3.92,188,101490  
15/09/2009 05:00:00,15.15,87.11,0.00,-0.00,0.00,320.35,3.85,188,101453  
15/09/2009 06:00:00,15.32,85.02,26.00,58.13,22.00,322.70,4.21,191,101457  
15/09/2009 07:00:00,15.49,82.92,169.00,304.26,95.00,325.05,4.57,194,101460  
15/09/2009 08:00:00,15.66,80.83,200.00,56.97,177.00,327.40,4.94,197,101463  
15/09/2009 09:00:00,15.93,75.73,319.00,113.07,258.00,330.65,4.89,198,101434  
15/09/2009 10:00:00,16.20,70.62,100.00,0.00,100.00,333.90,4.84,199,101404  
15/09/2009 11:00:00,16.46,65.52,273.00,7.12,268.00,337.15,4.79,201,101374

15/09/2009 12:00:00,16.59,66.59,66.00,0.00,66.00,336.07,4.66,204,101327  
15/09/2009 13:00:00,16.71,67.67,529.00,301.34,322.00,334.98,4.54,207,101280  
15/09/2009 14:00:00,16.83,68.74,494.00,374.03,265.00,333.90,4.41,210,101234  
15/09/2009 15:00:00,16.45,71.75,234.00,36.10,216.00,333.25,4.08,214,101224  
15/09/2009 16:00:00,16.07,74.75,42.00,0.00,42.00,332.60,3.74,217,101214  
15/09/2009 17:00:00,15.69,77.76,77.00,37.37,70.00,331.95,3.41,220,101204  
15/09/2009 18:00:00,15.45,76.98,0.00,0.00,0.00,328.88,3.41,223,101244  
15/09/2009 19:00:00,15.20,76.19,0.00,-0.00,0.00,325.82,3.42,226,101284  
15/09/2009 20:00:00,14.95,75.41,0.00,-0.00,0.00,322.75,3.42,230,101324  
15/09/2009 21:00:00,14.93,74.16,0.00,-0.00,0.00,320.97,3.71,230,101314  
15/09/2009 22:00:00,14.91,72.91,0.00,-0.00,0.00,319.18,4.01,230,101304  
15/09/2009 23:00:00,14.89,71.66,0.00,-0.00,0.00,317.40,4.30,230,101294  
16/09/2009 00:00:00,14.63,75.81,0.00,-0.00,0.00,315.90,4.55,228,101277  
16/09/2009 01:00:00,14.36,79.97,0.00,-0.00,0.00,314.40,4.80,226,101260  
16/09/2009 02:00:00,14.10,84.12,0.00,-0.00,0.00,312.90,5.05,224,101244  
16/09/2009 03:00:00,14.11,83.29,0.00,-0.00,0.00,312.10,5.21,224,101237  
16/09/2009 04:00:00,14.13,82.46,0.00,-0.00,0.00,311.30,5.37,223,101230  
16/09/2009 05:00:00,14.14,81.63,0.00,-0.00,0.00,310.50,5.53,222,101224  
16/09/2009 06:00:00,14.53,81.89,27.00,92.30,21.00,312.40,6.10,223,101244  
16/09/2009 07:00:00,14.91,82.16,197.00,555.52,64.00,314.30,6.67,225,101264  
16/09/2009 08:00:00,15.29,82.42,107.00,0.00,107.00,316.20,7.24,226,101284  
16/09/2009 09:00:00,15.40,81.32,79.00,0.00,79.00,323.10,7.21,225,101260  
16/09/2009 10:00:00,15.52,80.22,71.00,0.00,71.00,330.00,7.19,223,101237  
16/09/2009 11:00:00,15.63,79.12,112.00,0.00,112.00,336.90,7.16,222,101214  
16/09/2009 12:00:00,16.40,74.74,98.00,0.00,98.00,340.45,7.11,222,101204  
16/09/2009 13:00:00,17.17,70.35,137.00,0.00,137.00,344.00,7.06,222,101194  
16/09/2009 14:00:00,17.94,65.97,195.00,1.65,194.00,347.55,7.01,223,101184  
16/09/2009 15:00:00,17.82,66.74,142.00,0.00,142.00,350.63,6.25,221,101184  
16/09/2009 16:00:00,17.70,67.51,51.00,0.00,51.00,353.72,5.49,218,101184  
16/09/2009 17:00:00,17.58,68.28,52.00,5.51,51.00,356.80,4.73,216,101184  
16/09/2009 18:00:00,17.37,70.51,0.00,0.00,0.00,359.57,4.47,213,101207  
16/09/2009 19:00:00,17.16,72.74,0.00,-0.00,0.00,362.33,4.22,209,101230  
16/09/2009 20:00:00,16.95,74.97,0.00,-0.00,0.00,365.10,3.96,206,101254  
16/09/2009 21:00:00,16.58,79.20,0.00,-0.00,0.00,367.85,4.08,205,101240  
16/09/2009 22:00:00,16.20,83.42,0.00,-0.00,0.00,370.60,4.20,205,101227  
16/09/2009 23:00:00,15.82,87.65,0.00,-0.00,0.00,373.35,4.32,204,101214  
17/09/2009 00:00:00,15.58,89.81,0.00,-0.00,0.00,369.47,4.19,213,101201  
17/09/2009 01:00:00,15.35,91.98,0.00,-0.00,0.00,365.58,4.07,222,101187  
17/09/2009 02:00:00,15.11,94.14,0.00,-0.00,0.00,361.70,3.94,231,101174  
17/09/2009 03:00:00,15.19,94.11,0.00,-0.00,0.00,365.93,3.75,236,101174  
17/09/2009 04:00:00,15.28,94.08,0.00,-0.00,0.00,370.17,3.55,241,101174  
17/09/2009 05:00:00,15.36,94.05,0.00,-0.00,0.00,374.40,3.35,246,101174  
17/09/2009 06:00:00,15.62,94.17,5.00,0.00,5.00,372.93,3.25,252,101207  
17/09/2009 07:00:00,15.88,94.30,17.00,0.00,17.00,371.47,3.14,257,101240  
17/09/2009 08:00:00,16.13,94.42,132.00,5.05,130.00,370.00,3.03,263,101274  
17/09/2009 09:00:00,16.32,94.61,114.00,0.00,114.00,367.90,2.91,267,101287  
17/09/2009 10:00:00,16.51,94.80,93.00,0.00,93.00,365.80,2.79,270,101300  
17/09/2009 11:00:00,16.69,94.99,157.00,0.00,157.00,363.70,2.66,274,101314  
17/09/2009 12:00:00,16.90,94.57,197.00,0.00,197.00,354.70,2.35,274,101300  
17/09/2009 13:00:00,17.10,94.15,156.00,0.00,156.00,345.70,2.04,274,101287

17/09/2009 14:00:00,17.31,93.73,94.00,0.00,94.00,336.70,1.72,273,101274  
17/09/2009 15:00:00,17.26,93.83,62.00,0.00,62.00,333.88,1.77,259,101274  
17/09/2009 16:00:00,17.21,93.93,105.00,2.92,104.00,331.07,1.81,245,101274  
17/09/2009 17:00:00,17.16,94.03,62.00,17.11,59.00,328.25,1.85,231,101274  
17/09/2009 18:00:00,16.92,94.78,0.00,-0.00,0.00,327.23,2.01,234,101300  
17/09/2009 19:00:00,16.68,95.52,0.00,-0.00,0.00,326.22,2.18,236,101327  
17/09/2009 20:00:00,16.44,96.27,0.00,-0.00,0.00,325.20,2.34,239,101354  
17/09/2009 21:00:00,16.37,97.00,0.00,-0.00,0.00,324.15,2.37,237,101344  
17/09/2009 22:00:00,16.29,97.73,0.00,-0.00,0.00,323.10,2.40,235,101334  
17/09/2009 23:00:00,16.21,98.46,0.00,-0.00,0.00,322.05,2.43,233,101324  
18/09/2009 00:00:00,16.14,98.21,0.00,-0.00,0.00,322.80,2.75,233,101297  
18/09/2009 01:00:00,16.08,97.95,0.00,-0.00,0.00,323.55,3.07,234,101270  
18/09/2009 02:00:00,16.01,97.70,0.00,-0.00,0.00,324.30,3.39,234,101244  
18/09/2009 03:00:00,16.03,97.67,0.00,-0.00,0.00,325.23,3.56,234,101221  
18/09/2009 04:00:00,16.06,97.64,0.00,-0.00,0.00,326.17,3.72,233,101197  
18/09/2009 05:00:00,16.08,97.61,0.00,-0.00,0.00,327.10,3.89,232,101174  
18/09/2009 06:00:00,16.41,95.67,14.00,17.44,13.00,329.13,4.32,233,101181  
18/09/2009 07:00:00,16.74,93.73,99.00,38.83,90.00,331.17,4.75,234,101187  
18/09/2009 08:00:00,17.06,91.79,182.00,40.81,166.00,333.20,5.19,235,101194  
18/09/2009 09:00:00,17.55,83.40,102.00,0.00,102.00,336.65,5.00,233,101167  
18/09/2009 10:00:00,18.04,75.00,171.00,0.00,171.00,340.10,4.81,231,101141  
18/09/2009 11:00:00,18.53,66.61,190.00,0.00,190.00,343.55,4.62,229,101114  
18/09/2009 12:00:00,18.72,63.48,435.00,119.46,351.00,346.40,4.15,232,101044  
18/09/2009 13:00:00,18.91,60.35,527.00,324.56,309.00,349.25,3.67,234,100974  
18/09/2009 14:00:00,19.09,57.22,467.00,335.48,267.00,352.10,3.20,237,100904  
18/09/2009 15:00:00,18.83,62.45,397.00,429.72,190.00,353.75,2.68,231,100911  
18/09/2009 16:00:00,18.56,67.67,189.00,107.10,153.00,355.40,2.16,225,100918  
18/09/2009 17:00:00,18.29,72.90,51.00,5.90,50.00,357.05,1.64,219,100924  
18/09/2009 18:00:00,17.83,78.07,0.00,-0.00,0.00,356.88,1.61,225,100951  
18/09/2009 19:00:00,17.37,83.24,0.00,-0.00,0.00,356.72,1.58,232,100978  
18/09/2009 20:00:00,16.92,88.41,0.00,-0.00,0.00,356.55,1.54,238,101004  
18/09/2009 21:00:00,16.66,90.60,0.00,-0.00,0.00,362.83,1.47,245,100998  
18/09/2009 22:00:00,16.40,92.79,0.00,-0.00,0.00,369.12,1.39,253,100991  
18/09/2009 23:00:00,16.14,94.98,0.00,-0.00,0.00,375.40,1.31,260,100984  
19/09/2009 00:00:00,16.02,96.29,0.00,-0.00,0.00,372.72,1.20,285,100988  
19/09/2009 01:00:00,15.90,97.60,0.00,-0.00,0.00,370.03,1.10,310,100991  
19/09/2009 02:00:00,15.78,98.91,0.00,-0.00,0.00,367.35,0.99,335,100994  
19/09/2009 03:00:00,15.74,98.77,0.00,-0.00,0.00,369.53,0.83,346,101024  
19/09/2009 04:00:00,15.71,98.63,0.00,-0.00,0.00,371.72,0.67,357,101054  
19/09/2009 05:00:00,15.67,98.49,0.00,-0.00,0.00,373.90,0.51,9,101084  
19/09/2009 06:00:00,15.97,96.02,22.00,112.14,16.00,373.72,0.53,20,101131  
19/09/2009 07:00:00,16.26,93.54,146.00,228.18,94.00,373.53,0.56,32,101177  
19/09/2009 08:00:00,16.56,91.07,195.00,61.84,171.00,373.35,0.58,44,101224  
19/09/2009 09:00:00,16.75,91.73,250.00,38.22,230.00,370.83,0.86,58,101230  
19/09/2009 10:00:00,16.95,92.40,511.00,392.55,266.00,368.32,1.14,73,101237  
19/09/2009 11:00:00,17.14,93.06,701.00,852.57,118.00,365.80,1.42,87,101244  
19/09/2009 12:00:00,17.60,87.79,668.00,667.36,202.00,362.67,1.75,100,101287  
19/09/2009 13:00:00,18.05,82.52,103.00,0.00,103.00,359.53,2.08,113,101330  
19/09/2009 14:00:00,18.50,77.25,240.00,11.85,233.00,356.40,2.41,126,101374  
19/09/2009 15:00:00,18.17,81.18,429.00,590.30,148.00,354.45,2.46,127,101410

19/09/2009 16:00:00,17.84,85.10,305.00,711.55,70.00,352.50,2.50,127,101447  
19/09/2009 17:00:00,17.51,89.03,41.00,0.00,41.00,350.55,2.54,127,101483  
19/09/2009 18:00:00,17.08,90.83,0.00,-0.00,0.00,351.23,2.63,130,101547  
19/09/2009 19:00:00,16.65,92.62,0.00,-0.00,0.00,351.92,2.72,132,101610  
19/09/2009 20:00:00,16.23,94.42,0.00,-0.00,0.00,352.60,2.81,135,101673  
19/09/2009 21:00:00,16.05,94.27,0.00,-0.00,0.00,354.87,3.26,137,101706  
19/09/2009 22:00:00,15.88,94.12,0.00,-0.00,0.00,357.13,3.71,139,101740  
19/09/2009 23:00:00,15.71,93.97,0.00,-0.00,0.00,359.40,4.17,141,101773  
20/09/2009 00:00:00,15.65,94.73,0.00,-0.00,0.00,356.08,4.12,147,101800  
20/09/2009 01:00:00,15.59,95.48,0.00,-0.00,0.00,352.77,4.07,152,101826  
20/09/2009 02:00:00,15.53,96.24,0.00,-0.00,0.00,349.45,4.03,157,101853  
20/09/2009 03:00:00,15.50,96.09,0.00,-0.00,0.00,348.80,3.89,158,101866  
20/09/2009 04:00:00,15.48,95.93,0.00,-0.00,0.00,348.15,3.75,159,101879  
20/09/2009 05:00:00,15.45,95.78,0.00,-0.00,0.00,347.50,3.61,160,101893  
20/09/2009 06:00:00,15.75,93.23,11.00,0.00,11.00,350.50,3.81,162,101939  
20/09/2009 07:00:00,16.04,90.67,67.00,4.46,66.00,353.50,4.01,163,101986  
20/09/2009 08:00:00,16.33,88.12,61.00,0.00,61.00,356.50,4.21,164,102033  
20/09/2009 09:00:00,16.66,81.25,263.00,53.94,235.00,356.97,4.28,161,102039  
20/09/2009 10:00:00,16.98,74.39,497.00,364.66,271.00,357.43,4.35,158,102046  
20/09/2009 11:00:00,17.30,67.52,214.00,0.00,214.00,357.90,4.43,155,102053  
20/09/2009 12:00:00,17.61,64.12,63.00,0.00,63.00,350.12,4.51,155,102043  
20/09/2009 13:00:00,17.91,60.71,395.00,104.34,326.00,342.33,4.58,155,102033  
20/09/2009 14:00:00,18.22,57.31,521.00,536.53,207.00,334.55,4.66,155,102023  
20/09/2009 15:00:00,18.09,59.61,354.00,306.18,210.00,335.42,4.22,155,102056  
20/09/2009 16:00:00,17.96,61.90,162.00,61.66,142.00,336.28,3.77,156,102089  
20/09/2009 17:00:00,17.83,64.20,116.00,406.76,52.00,337.15,3.32,157,102122  
20/09/2009 18:00:00,17.47,68.74,0.00,-0.00,0.00,337.03,3.20,161,102182  
20/09/2009 19:00:00,17.10,73.28,0.00,-0.00,0.00,336.92,3.08,166,102242  
20/09/2009 20:00:00,16.74,77.82,0.00,-0.00,0.00,336.80,2.95,170,102302  
20/09/2009 21:00:00,16.52,81.78,0.00,-0.00,0.00,336.98,2.96,170,102312  
20/09/2009 22:00:00,16.30,85.73,0.00,-0.00,0.00,337.17,2.97,170,102322  
20/09/2009 23:00:00,16.08,89.69,0.00,-0.00,0.00,337.35,2.98,170,102332  
21/09/2009 00:00:00,15.77,91.07,0.00,-0.00,0.00,338.18,3.07,175,102355  
21/09/2009 01:00:00,15.46,92.46,0.00,-0.00,0.00,339.02,3.15,179,102379  
21/09/2009 02:00:00,15.15,93.84,0.00,-0.00,0.00,339.85,3.24,184,102402  
21/09/2009 03:00:00,15.05,94.35,0.00,-0.00,0.00,336.93,3.13,185,102412  
21/09/2009 04:00:00,14.96,94.86,0.00,-0.00,0.00,334.02,3.01,186,102422  
21/09/2009 05:00:00,14.86,95.37,0.00,-0.00,0.00,331.10,2.90,187,102432  
21/09/2009 06:00:00,15.24,90.43,7.00,0.00,7.00,330.38,3.19,190,102462  
21/09/2009 07:00:00,15.61,85.50,164.00,399.82,76.00,329.67,3.49,193,102492  
21/09/2009 08:00:00,15.99,80.56,287.00,342.00,157.00,328.95,3.78,196,102522  
21/09/2009 09:00:00,16.51,74.00,450.00,528.23,178.00,331.18,3.57,194,102525  
21/09/2009 10:00:00,17.03,67.43,557.00,565.54,209.00,333.42,3.37,193,102528  
21/09/2009 11:00:00,17.54,60.87,483.00,226.83,330.00,335.65,3.16,191,102532  
21/09/2009 12:00:00,17.73,60.02,608.00,499.70,264.00,337.45,3.15,183,102509  
21/09/2009 13:00:00,17.92,59.16,657.00,786.49,141.00,339.25,3.14,176,102485  
21/09/2009 14:00:00,18.10,58.31,563.00,726.19,142.00,341.05,3.13,169,102462  
21/09/2009 15:00:00,17.91,62.27,426.00,630.69,133.00,339.75,2.93,163,102455  
21/09/2009 16:00:00,17.72,66.22,256.00,442.78,115.00,338.45,2.73,157,102449  
21/09/2009 17:00:00,17.52,70.18,91.00,198.27,61.00,337.15,2.52,151,102442

21/09/2009 18:00:00,17.17,74.36,0.00,-0.00,0.00,336.28,2.59,155,102489  
21/09/2009 19:00:00,16.81,78.55,0.00,-0.00,0.00,335.42,2.66,160,102535  
21/09/2009 20:00:00,16.45,82.73,0.00,-0.00,0.00,334.55,2.73,165,102582  
21/09/2009 21:00:00,16.28,86.07,0.00,-0.00,0.00,333.18,2.65,169,102592  
21/09/2009 22:00:00,16.10,89.41,0.00,-0.00,0.00,331.82,2.57,174,102602  
21/09/2009 23:00:00,15.92,92.75,0.00,-0.00,0.00,330.45,2.50,179,102612  
22/09/2009 00:00:00,15.61,94.57,0.00,-0.00,0.00,327.80,2.58,184,102595  
22/09/2009 01:00:00,15.30,96.39,0.00,-0.00,0.00,325.15,2.66,190,102578  
22/09/2009 02:00:00,14.99,98.21,0.00,-0.00,0.00,322.50,2.74,196,102562  
22/09/2009 03:00:00,14.90,98.81,0.00,-0.00,0.00,322.17,2.80,201,102562  
22/09/2009 04:00:00,14.81,99.40,0.00,-0.00,0.00,321.83,2.86,205,102562  
22/09/2009 05:00:00,14.72,100.00,0.00,-0.00,0.00,321.50,2.91,209,102562  
22/09/2009 06:00:00,15.16,93.53,12.00,23.88,11.00,321.95,2.64,205,102595  
22/09/2009 07:00:00,15.60,87.06,166.00,444.10,70.00,322.40,2.38,201,102628  
22/09/2009 08:00:00,16.03,80.59,338.00,632.85,100.00,322.85,2.11,197,102662  
22/09/2009 09:00:00,16.50,75.39,491.00,736.22,115.00,324.67,2.14,194,102645  
22/09/2009 10:00:00,16.96,70.20,608.00,790.64,125.00,326.48,2.17,191,102628  
22/09/2009 11:00:00,17.42,65.00,686.00,848.01,118.00,328.30,2.21,188,102612  
22/09/2009 12:00:00,17.68,62.77,696.00,825.27,132.00,327.13,2.10,183,102572  
22/09/2009 13:00:00,17.93,60.53,654.00,799.01,134.00,325.97,1.99,178,102532  
22/09/2009 14:00:00,18.18,58.30,568.00,776.74,122.00,324.80,1.88,172,102492  
22/09/2009 15:00:00,18.00,62.75,436.00,712.71,109.00,324.70,2.10,168,102485  
22/09/2009 16:00:00,17.82,67.19,268.00,550.38,96.00,324.60,2.32,164,102479  
22/09/2009 17:00:00,17.64,71.64,99.00,316.66,53.00,324.50,2.54,160,102472  
22/09/2009 18:00:00,17.28,74.97,0.00,-0.00,0.00,324.65,2.60,168,102519  
22/09/2009 19:00:00,16.91,78.30,0.00,-0.00,0.00,324.80,2.67,177,102565  
22/09/2009 20:00:00,16.55,81.63,0.00,-0.00,0.00,324.95,2.73,185,102612  
22/09/2009 21:00:00,16.37,84.48,0.00,-0.00,0.00,324.90,2.71,193,102612  
22/09/2009 22:00:00,16.20,87.32,0.00,-0.00,0.00,324.85,2.69,200,102612  
22/09/2009 23:00:00,16.03,90.17,0.00,-0.00,0.00,324.80,2.68,208,102612  
23/09/2009 00:00:00,15.92,91.49,0.00,-0.00,0.00,324.28,2.68,217,102585  
23/09/2009 01:00:00,15.82,92.81,0.00,-0.00,0.00,323.77,2.69,226,102558  
23/09/2009 02:00:00,15.71,94.13,0.00,-0.00,0.00,323.25,2.69,235,102532  
23/09/2009 03:00:00,15.62,94.78,0.00,-0.00,0.00,322.30,2.69,237,102525  
23/09/2009 04:00:00,15.53,95.44,0.00,-0.00,0.00,321.35,2.68,239,102519  
23/09/2009 05:00:00,15.44,96.09,0.00,-0.00,0.00,320.40,2.68,241,102512  
23/09/2009 06:00:00,15.88,89.03,0.00,0.00,0.00,320.08,2.76,238,102542  
23/09/2009 07:00:00,16.31,81.96,164.00,452.37,68.00,319.77,2.84,235,102572  
23/09/2009 08:00:00,16.74,74.90,337.00,653.21,94.00,319.45,2.92,232,102602  
23/09/2009 09:00:00,17.38,69.28,487.00,734.51,115.00,319.93,2.97,230,102582  
23/09/2009 10:00:00,18.02,63.67,604.00,789.89,125.00,320.42,3.03,228,102562  
23/09/2009 11:00:00,18.65,58.05,677.00,831.51,124.00,320.90,3.08,226,102542  
23/09/2009 12:00:00,18.97,55.65,687.00,809.28,138.00,322.47,2.88,225,102475  
23/09/2009 13:00:00,19.29,53.26,652.00,810.23,129.00,324.03,2.68,225,102409  
23/09/2009 14:00:00,19.60,50.86,562.00,775.55,121.00,325.60,2.48,224,102342  
23/09/2009 15:00:00,19.44,56.24,430.00,708.57,109.00,326.38,2.58,215,102345  
23/09/2009 16:00:00,19.28,61.63,263.00,554.53,93.00,327.17,2.68,205,102349  
23/09/2009 17:00:00,19.12,67.01,92.00,280.13,53.00,327.95,2.77,196,102352  
23/09/2009 18:00:00,18.69,70.00,0.00,-0.00,0.00,328.35,2.82,202,102372  
23/09/2009 19:00:00,18.26,72.99,0.00,-0.00,0.00,328.75,2.87,208,102392



23/09/2009 20:00:00,17.83,75.98,0.00,-0.00,0.00,329.15,2.92,214,102412  
23/09/2009 21:00:00,17.55,78.30,0.00,-0.00,0.00,328.45,2.90,217,102395  
23/09/2009 22:00:00,17.27,80.63,0.00,-0.00,0.00,327.75,2.88,220,102379  
23/09/2009 23:00:00,17.00,82.95,0.00,-0.00,0.00,327.05,2.86,223,102362  
24/09/2009 00:00:00,16.63,84.52,0.00,-0.00,0.00,325.30,2.82,219,102339  
24/09/2009 01:00:00,16.26,86.09,0.00,-0.00,0.00,323.55,2.78,214,102315  
24/09/2009 02:00:00,15.89,87.66,0.00,-0.00,0.00,321.80,2.74,209,102292  
24/09/2009 03:00:00,15.72,89.78,0.00,-0.00,0.00,320.97,2.72,210,102292  
24/09/2009 04:00:00,15.55,91.90,0.00,-0.00,0.00,320.13,2.70,211,102292  
24/09/2009 05:00:00,15.38,94.02,0.00,-0.00,0.00,319.30,2.68,211,102292  
24/09/2009 06:00:00,15.76,87.87,0.00,0.00,0.00,319.18,3.06,211,102332  
24/09/2009 07:00:00,16.14,81.72,162.00,475.42,63.00,319.07,3.44,211,102372  
24/09/2009 08:00:00,16.51,75.57,326.00,606.13,103.00,318.95,3.82,211,102412  
24/09/2009 09:00:00,17.17,69.37,445.00,555.58,166.00,320.07,3.84,210,102402  
24/09/2009 10:00:00,17.84,63.18,516.00,466.86,235.00,321.18,3.86,208,102392  
24/09/2009 11:00:00,18.50,56.98,658.00,773.93,147.00,322.30,3.88,206,102382  
24/09/2009 12:00:00,18.82,56.34,678.00,794.57,143.00,322.77,3.94,200,102339  
24/09/2009 13:00:00,19.13,55.70,606.00,649.84,190.00,323.23,4.00,195,102296  
24/09/2009 14:00:00,19.44,55.06,556.00,772.59,121.00,323.70,4.06,189,102252  
24/09/2009 15:00:00,19.21,59.42,423.00,706.58,107.00,324.00,3.68,187,102256  
24/09/2009 16:00:00,18.98,63.79,257.00,552.22,91.00,324.30,3.30,185,102259  
24/09/2009 17:00:00,18.75,68.15,88.00,285.34,50.00,324.60,2.92,183,102262  
24/09/2009 18:00:00,18.30,72.22,0.00,-0.00,0.00,325.02,3.17,188,102319  
24/09/2009 19:00:00,17.84,76.30,0.00,-0.00,0.00,325.43,3.41,193,102375  
24/09/2009 20:00:00,17.39,80.37,0.00,-0.00,0.00,325.85,3.66,198,102432  
24/09/2009 21:00:00,17.11,83.30,0.00,-0.00,0.00,326.40,3.73,203,102439  
24/09/2009 22:00:00,16.83,86.23,0.00,-0.00,0.00,326.95,3.80,207,102445  
24/09/2009 23:00:00,16.55,89.16,0.00,-0.00,0.00,327.50,3.88,212,102452  
25/09/2009 00:00:00,16.17,90.67,0.00,-0.00,0.00,327.10,3.91,215,102445  
25/09/2009 01:00:00,15.78,92.18,0.00,-0.00,0.00,326.70,3.95,219,102439  
25/09/2009 02:00:00,15.40,93.69,0.00,-0.00,0.00,326.30,3.99,223,102432  
25/09/2009 03:00:00,15.15,94.09,0.00,-0.00,0.00,325.42,3.94,222,102442  
25/09/2009 04:00:00,14.91,94.49,0.00,-0.00,0.00,324.53,3.89,221,102452  
25/09/2009 05:00:00,14.66,94.89,0.00,-0.00,0.00,323.65,3.83,221,102462  
25/09/2009 06:00:00,14.81,91.83,0.00,0.00,0.00,325.52,4.12,220,102502  
25/09/2009 07:00:00,14.95,88.78,140.00,303.56,78.00,327.38,4.40,219,102542  
25/09/2009 08:00:00,15.09,85.72,323.00,615.76,99.00,329.25,4.69,219,102582  
25/09/2009 09:00:00,15.64,78.62,468.00,680.92,129.00,335.55,4.63,217,102552  
25/09/2009 10:00:00,16.19,71.53,579.00,719.86,149.00,341.85,4.57,214,102522  
25/09/2009 11:00:00,16.74,64.43,643.00,730.80,164.00,348.15,4.51,212,102492  
25/09/2009 12:00:00,17.41,60.69,588.00,496.84,256.00,337.80,4.62,211,102432  
25/09/2009 13:00:00,18.08,56.94,518.00,379.66,277.00,327.45,4.73,211,102372  
25/09/2009 14:00:00,18.75,53.20,490.00,516.66,202.00,317.10,4.84,210,102312  
25/09/2009 15:00:00,18.59,56.54,338.00,330.76,192.00,317.05,4.30,207,102322  
25/09/2009 16:00:00,18.44,59.87,211.00,295.27,124.00,317.00,3.76,205,102332  
25/09/2009 17:00:00,18.29,63.21,62.00,94.39,50.00,316.95,3.21,202,102342  
25/09/2009 18:00:00,17.77,66.44,0.00,-0.00,0.00,317.65,3.44,204,102379  
25/09/2009 19:00:00,17.25,69.66,0.00,-0.00,0.00,318.35,3.66,207,102415  
25/09/2009 20:00:00,16.73,72.89,0.00,-0.00,0.00,319.05,3.89,209,102452  
25/09/2009 21:00:00,16.45,75.03,0.00,-0.00,0.00,318.38,3.83,213,102452

25/09/2009 22:00:00,16.17,77.17,0.00,-0.00,0.00,317.72,3.77,216,102452  
25/09/2009 23:00:00,15.90,79.31,0.00,-0.00,0.00,317.05,3.71,220,102452  
26/09/2009 00:00:00,15.54,81.26,0.00,-0.00,0.00,314.13,3.76,221,102439  
26/09/2009 01:00:00,15.17,83.20,0.00,-0.00,0.00,311.22,3.81,222,102425  
26/09/2009 02:00:00,14.81,85.15,0.00,-0.00,0.00,308.30,3.86,223,102412  
26/09/2009 03:00:00,14.65,86.70,0.00,-0.00,0.00,307.33,3.86,223,102415  
26/09/2009 04:00:00,14.49,88.26,0.00,-0.00,0.00,306.37,3.85,224,102419  
26/09/2009 05:00:00,14.33,89.81,0.00,-0.00,0.00,305.40,3.85,225,102422  
26/09/2009 06:00:00,14.71,83.68,0.00,0.00,0.00,305.23,4.23,227,102435  
26/09/2009 07:00:00,15.09,77.56,152.00,439.51,64.00,305.07,4.60,228,102449  
26/09/2009 08:00:00,15.46,71.43,322.00,634.00,94.00,304.90,4.98,230,102462  
26/09/2009 09:00:00,16.26,65.61,473.00,729.48,113.00,305.82,4.93,229,102435  
26/09/2009 10:00:00,17.06,59.79,583.00,757.49,134.00,306.73,4.88,227,102409  
26/09/2009 11:00:00,17.85,53.97,651.00,783.90,141.00,307.65,4.83,226,102382  
26/09/2009 12:00:00,18.36,51.03,660.00,763.10,154.00,308.35,4.91,224,102329  
26/09/2009 13:00:00,18.87,48.09,624.00,762.65,144.00,309.05,5.00,223,102276  
26/09/2009 14:00:00,19.38,45.15,541.00,753.91,125.00,309.75,5.09,222,102222  
26/09/2009 15:00:00,19.17,49.43,409.00,686.45,110.00,310.90,4.55,219,102229  
26/09/2009 16:00:00,18.97,53.70,247.00,561.18,85.00,312.05,4.00,217,102236  
26/09/2009 17:00:00,18.76,57.98,78.00,272.52,45.00,313.20,3.46,215,102242  
26/09/2009 18:00:00,18.25,61.61,0.00,-0.00,0.00,313.80,3.53,217,102276  
26/09/2009 19:00:00,17.73,65.23,0.00,-0.00,0.00,314.40,3.59,219,102309  
26/09/2009 20:00:00,17.22,68.86,0.00,-0.00,0.00,315.00,3.66,222,102342  
26/09/2009 21:00:00,16.94,71.50,0.00,-0.00,0.00,314.72,3.60,222,102342  
26/09/2009 22:00:00,16.66,74.13,0.00,-0.00,0.00,314.43,3.54,222,102342  
26/09/2009 23:00:00,16.39,76.77,0.00,-0.00,0.00,314.15,3.49,223,102342  
27/09/2009 00:00:00,16.08,78.21,0.00,-0.00,0.00,313.85,3.40,223,102335  
27/09/2009 01:00:00,15.76,79.66,0.00,-0.00,0.00,313.55,3.31,223,102329  
27/09/2009 02:00:00,15.45,81.10,0.00,-0.00,0.00,313.25,3.21,223,102322  
27/09/2009 03:00:00,15.28,82.69,0.00,-0.00,0.00,312.50,3.26,224,102322  
27/09/2009 04:00:00,15.11,84.29,0.00,-0.00,0.00,311.75,3.31,224,102322  
27/09/2009 05:00:00,14.94,85.88,0.00,-0.00,0.00,311.00,3.35,224,102322  
27/09/2009 06:00:00,15.33,80.22,0.00,0.00,0.00,310.52,3.77,226,102349  
27/09/2009 07:00:00,15.72,74.57,148.00,428.17,64.00,310.03,4.20,229,102375  
27/09/2009 08:00:00,16.11,68.91,316.00,618.95,96.00,309.55,4.62,231,102402  
27/09/2009 09:00:00,16.89,64.06,466.00,713.52,117.00,310.30,4.54,231,102402  
27/09/2009 10:00:00,17.67,59.22,575.00,741.34,139.00,311.05,4.46,230,102402  
27/09/2009 11:00:00,18.44,54.37,642.00,768.16,146.00,311.80,4.39,230,102402  
27/09/2009 12:00:00,18.81,51.52,651.00,747.81,159.00,312.35,4.21,227,102365  
27/09/2009 13:00:00,19.18,48.67,618.00,761.26,143.00,312.90,4.03,223,102329  
27/09/2009 14:00:00,19.55,45.82,535.00,750.73,125.00,313.45,3.85,220,102292  
27/09/2009 15:00:00,19.36,50.49,402.00,684.14,108.00,314.85,3.53,215,102309  
27/09/2009 16:00:00,19.17,55.17,237.00,527.05,88.00,316.25,3.21,209,102325  
27/09/2009 17:00:00,18.98,59.84,71.00,243.35,43.00,317.65,2.90,204,102342  
27/09/2009 18:00:00,18.51,63.33,0.00,-0.00,0.00,318.72,3.10,208,102382  
27/09/2009 19:00:00,18.04,66.83,0.00,-0.00,0.00,319.78,3.31,212,102422  
27/09/2009 20:00:00,17.58,70.32,0.00,-0.00,0.00,320.85,3.52,217,102462  
27/09/2009 21:00:00,17.31,72.99,0.00,-0.00,0.00,321.02,3.48,220,102462  
27/09/2009 22:00:00,17.04,75.65,0.00,-0.00,0.00,321.18,3.44,224,102462  
27/09/2009 23:00:00,16.77,78.32,0.00,-0.00,0.00,321.35,3.41,227,102462

28/09/2009 00:00:00,16.44,80.34,0.00,-0.00,0.00,320.22,3.37,227,102449  
28/09/2009 01:00:00,16.11,82.37,0.00,-0.00,0.00,319.08,3.32,227,102435  
28/09/2009 02:00:00,15.78,84.39,0.00,-0.00,0.00,317.95,3.28,227,102422  
28/09/2009 03:00:00,15.61,86.37,0.00,-0.00,0.00,317.57,3.27,227,102422  
28/09/2009 04:00:00,15.44,88.36,0.00,-0.00,0.00,317.18,3.26,227,102422  
28/09/2009 05:00:00,15.26,90.34,0.00,-0.00,0.00,316.80,3.26,227,102422  
28/09/2009 06:00:00,15.64,84.18,0.00,0.00,0.00,316.37,3.56,229,102449  
28/09/2009 07:00:00,16.01,78.03,142.00,400.78,65.00,315.93,3.87,231,102475  
28/09/2009 08:00:00,16.38,71.87,309.00,595.06,100.00,315.50,4.18,232,102502  
28/09/2009 09:00:00,17.16,66.12,459.00,699.39,120.00,316.40,4.22,230,102489  
28/09/2009 10:00:00,17.93,60.38,570.00,740.40,138.00,317.30,4.25,228,102475  
28/09/2009 11:00:00,18.70,54.63,627.00,727.24,161.00,318.20,4.29,226,102462  
28/09/2009 12:00:00,19.05,52.28,635.00,706.26,174.00,318.17,4.12,226,102399  
28/09/2009 13:00:00,19.40,49.92,542.00,494.73,236.00,318.13,3.96,225,102335  
28/09/2009 14:00:00,19.75,47.57,466.00,481.07,206.00,318.10,3.79,225,102272  
28/09/2009 15:00:00,19.54,53.16,388.00,632.25,120.00,319.27,3.51,219,102276  
28/09/2009 16:00:00,19.32,58.75,201.00,314.38,114.00,320.43,3.22,212,102279  
28/09/2009 17:00:00,19.10,64.34,68.00,247.62,41.00,321.60,2.94,206,102282  
28/09/2009 18:00:00,18.54,69.24,0.00,-0.00,0.00,321.62,3.04,209,102302  
28/09/2009 19:00:00,17.98,74.15,0.00,-0.00,0.00,321.63,3.14,212,102322  
28/09/2009 20:00:00,17.42,79.05,0.00,-0.00,0.00,321.65,3.24,215,102342  
28/09/2009 21:00:00,17.07,82.72,0.00,-0.00,0.00,320.78,3.19,217,102339  
28/09/2009 22:00:00,16.72,86.40,0.00,-0.00,0.00,319.92,3.14,219,102335  
28/09/2009 23:00:00,16.37,90.07,0.00,-0.00,0.00,319.05,3.09,221,102332  
29/09/2009 00:00:00,15.99,91.65,0.00,-0.00,0.00,317.63,3.07,222,102302  
29/09/2009 01:00:00,15.62,93.24,0.00,-0.00,0.00,316.22,3.05,222,102272  
29/09/2009 02:00:00,15.24,94.82,0.00,-0.00,0.00,314.80,3.03,222,102242  
29/09/2009 03:00:00,15.08,95.82,0.00,-0.00,0.00,313.97,3.06,224,102236  
29/09/2009 04:00:00,14.92,96.83,0.00,-0.00,0.00,313.13,3.09,225,102229  
29/09/2009 05:00:00,14.75,97.83,0.00,-0.00,0.00,312.30,3.12,227,102222  
29/09/2009 06:00:00,15.14,91.48,0.00,0.00,0.00,311.57,3.40,229,102229  
29/09/2009 07:00:00,15.52,85.14,131.00,324.40,70.00,310.83,3.69,231,102236  
29/09/2009 08:00:00,15.90,78.79,301.00,570.62,103.00,310.10,3.97,232,102242  
29/09/2009 09:00:00,16.65,72.14,447.00,660.06,130.00,310.42,3.83,231,102202  
29/09/2009 10:00:00,17.39,65.48,565.00,737.76,138.00,310.73,3.68,230,102162  
29/09/2009 11:00:00,18.13,58.83,632.00,765.94,145.00,311.05,3.53,228,102122  
29/09/2009 12:00:00,18.50,56.91,646.00,772.19,146.00,310.95,3.50,223,102059  
29/09/2009 13:00:00,18.87,54.99,606.00,756.88,142.00,310.85,3.48,218,101996  
29/09/2009 14:00:00,19.25,53.07,519.00,733.02,127.00,310.75,3.45,214,101933  
29/09/2009 15:00:00,19.01,58.38,388.00,665.03,110.00,311.03,3.24,212,101923  
29/09/2009 16:00:00,18.78,63.69,225.00,517.04,85.00,311.32,3.03,211,101913  
29/09/2009 17:00:00,18.55,69.00,61.00,213.53,39.00,311.60,2.83,210,101903  
29/09/2009 18:00:00,18.05,72.80,0.00,-0.00,0.00,311.60,2.88,215,101919  
29/09/2009 19:00:00,17.54,76.59,0.00,-0.00,0.00,311.60,2.94,220,101936  
29/09/2009 20:00:00,17.03,80.39,0.00,-0.00,0.00,311.60,2.99,225,101953  
29/09/2009 21:00:00,16.74,83.29,0.00,-0.00,0.00,311.02,2.97,225,101936  
29/09/2009 22:00:00,16.44,86.20,0.00,-0.00,0.00,310.43,2.94,226,101919  
29/09/2009 23:00:00,16.14,89.10,0.00,-0.00,0.00,309.85,2.91,227,101903  
30/09/2009 00:00:00,15.78,89.91,0.00,-0.00,0.00,307.98,2.91,227,101863  
30/09/2009 01:00:00,15.42,90.71,0.00,-0.00,0.00,306.12,2.90,227,101823

30/09/2009 02:00:00,15.06,91.52,0.00,-0.00,0.00,304.25,2.90,228,101783  
30/09/2009 03:00:00,14.90,92.84,0.00,-0.00,0.00,303.53,2.85,228,101760  
30/09/2009 04:00:00,14.75,94.15,0.00,-0.00,0.00,302.82,2.80,229,101736  
30/09/2009 05:00:00,14.59,95.47,0.00,-0.00,0.00,302.10,2.74,229,101713  
30/09/2009 06:00:00,14.94,89.13,0.00,0.00,0.00,302.03,2.97,228,101726  
30/09/2009 07:00:00,15.28,82.79,135.00,396.87,62.00,301.97,3.20,227,101740  
30/09/2009 08:00:00,15.62,76.45,297.00,568.97,102.00,301.90,3.43,226,101753  
30/09/2009 09:00:00,16.35,70.55,403.00,472.90,178.00,302.58,3.27,223,101706  
30/09/2009 10:00:00,17.08,64.64,551.00,698.54,150.00,303.27,3.10,220,101660  
30/09/2009 11:00:00,17.81,58.74,623.00,749.79,150.00,303.95,2.94,217,101613  
30/09/2009 12:00:00,18.17,57.06,627.00,716.22,167.00,304.82,2.76,212,101570  
30/09/2009 13:00:00,18.52,55.39,600.00,755.49,141.00,305.68,2.58,208,101527  
30/09/2009 14:00:00,18.88,53.71,510.00,718.24,130.00,306.55,2.40,203,101483  
30/09/2009 15:00:00,18.66,59.80,381.00,659.92,109.00,307.40,2.63,193,101477  
30/09/2009 16:00:00,18.02,74.93,218.00,502.25,85.00,310.51,3.16,182,101470  
30/09/2009 17:00:00,17.77,76.64,53.00,164.88,37.00,310.32,3.14,172,101463  
30/09/2009 18:00:00,17.52,78.36,0.00,-0.00,0.00,310.13,3.13,175,101490  
30/09/2009 19:00:00,17.27,80.07,0.00,-0.00,0.00,309.93,3.11,178,101517  
30/09/2009 20:00:00,17.02,81.78,0.00,-0.00,0.00,309.74,3.10,182,101543  
30/09/2009 21:00:00,16.77,83.50,0.00,-0.00,0.00,309.55,3.08,184,101533  
30/09/2009 22:00:00,16.52,85.21,0.00,-0.00,0.00,309.36,3.06,186,101523  
30/09/2009 23:00:00,16.27,86.93,0.00,-0.00,0.00,309.16,3.05,189,101513  
01/10/2009 00:00:00,16.03,88.64,0.00,-0.00,0.00,308.97,3.03,193,101520  
01/10/2009 01:00:00,15.78,90.35,0.00,-0.00,0.00,308.78,3.02,197,101527  
01/10/2009 02:00:00,15.53,92.07,0.00,-0.00,0.00,308.58,3.00,200,101533  
01/10/2009 03:00:00,15.28,93.78,0.00,-0.00,0.00,308.39,2.99,199,101543  
01/10/2009 04:00:00,15.03,95.50,0.00,-0.00,0.00,308.20,2.97,198,101553  
01/10/2009 05:00:00,14.78,97.21,0.00,-0.00,0.00,308.00,2.96,197,101563  
01/10/2009 06:00:00,14.53,98.92,0.00,0.00,0.00,307.81,2.94,197,101610  
01/10/2009 07:00:00,14.28,100.00,136.00,444.90,56.00,307.62,2.93,198,101657  
01/10/2009 08:00:00,15.24,80.20,276.00,457.99,121.00,307.30,3.21,198,101703  
01/10/2009 09:00:00,15.78,72.86,403.00,492.28,171.00,308.17,3.21,192,101706  
01/10/2009 10:00:00,16.32,65.53,555.00,734.23,137.00,309.03,3.21,186,101710  
01/10/2009 11:00:00,16.86,58.19,621.00,762.19,144.00,309.90,3.21,180,101713  
01/10/2009 12:00:00,17.14,55.57,421.00,161.70,318.00,310.87,3.25,178,101716  
01/10/2009 13:00:00,17.43,52.95,398.00,164.44,299.00,311.83,3.28,176,101720  
01/10/2009 14:00:00,17.71,50.33,294.00,84.07,250.00,312.80,3.31,174,101723  
01/10/2009 15:00:00,17.56,55.35,240.00,118.14,192.00,312.20,3.14,171,101733  
01/10/2009 16:00:00,17.41,60.36,189.00,324.50,105.00,311.60,2.98,168,101743  
01/10/2009 17:00:00,17.26,65.38,6.00,0.00,6.00,311.00,2.81,166,101753  
01/10/2009 18:00:00,16.99,69.85,0.00,-0.00,0.00,310.68,2.89,168,101806  
01/10/2009 19:00:00,16.73,74.31,0.00,-0.00,0.00,310.37,2.96,171,101860  
01/10/2009 20:00:00,16.46,78.78,0.00,-0.00,0.00,310.05,3.03,173,101913  
01/10/2009 21:00:00,16.23,82.61,0.00,-0.00,0.00,310.08,3.00,178,101916  
01/10/2009 22:00:00,16.00,86.45,0.00,-0.00,0.00,310.12,2.97,183,101919  
01/10/2009 23:00:00,15.77,90.28,0.00,-0.00,0.00,310.15,2.94,187,101923  
02/10/2009 00:00:00,15.42,92.40,0.00,-0.00,0.00,309.08,2.92,191,101926  
02/10/2009 01:00:00,15.07,94.53,0.00,-0.00,0.00,308.02,2.90,194,101929  
02/10/2009 02:00:00,14.72,96.65,0.00,-0.00,0.00,306.95,2.88,197,101933  
02/10/2009 03:00:00,14.57,97.64,0.00,-0.00,0.00,306.73,2.96,195,101929

02/10/2009 04:00:00,14.42,98.62,0.00,-0.00,0.00,306.52,3.04,193,101926  
02/10/2009 05:00:00,14.27,99.61,0.00,-0.00,0.00,306.30,3.12,190,101923  
02/10/2009 06:00:00,14.42,92.33,0.00,0.00,0.00,308.58,3.12,188,101963  
02/10/2009 07:00:00,14.56,85.06,89.00,96.77,72.00,310.87,3.12,185,102003  
02/10/2009 08:00:00,14.71,77.78,170.00,68.84,147.00,313.15,3.12,183,102043  
02/10/2009 09:00:00,14.88,72.18,262.00,92.13,219.00,318.33,3.09,175,102039  
02/10/2009 10:00:00,15.05,66.59,379.00,182.45,276.00,323.52,3.07,167,102036  
02/10/2009 11:00:00,15.22,60.99,454.00,248.07,300.00,328.70,3.05,160,102033  
02/10/2009 12:00:00,15.40,58.70,94.00,0.00,94.00,323.73,3.03,157,102006  
02/10/2009 13:00:00,15.59,56.41,305.00,50.29,275.00,318.77,3.02,154,101979  
02/10/2009 14:00:00,15.77,54.12,362.00,220.23,248.00,313.80,3.01,152,101953  
02/10/2009 15:00:00,15.57,58.14,310.00,349.61,170.00,310.07,2.89,150,101949  
02/10/2009 16:00:00,15.37,62.16,154.00,166.06,112.00,306.33,2.77,148,101946  
02/10/2009 17:00:00,15.18,66.18,6.00,0.00,6.00,302.60,2.65,146,101943  
02/10/2009 18:00:00,14.98,70.45,0.00,-0.00,0.00,304.32,2.77,150,101966  
02/10/2009 19:00:00,14.78,74.72,0.00,-0.00,0.00,306.03,2.90,153,101989  
02/10/2009 20:00:00,14.59,78.99,0.00,-0.00,0.00,307.75,3.02,157,102013  
02/10/2009 21:00:00,14.48,83.15,0.00,-0.00,0.00,309.60,3.09,161,101993  
02/10/2009 22:00:00,14.36,87.30,0.00,-0.00,0.00,311.45,3.15,164,101973  
02/10/2009 23:00:00,14.25,91.46,0.00,-0.00,0.00,313.30,3.21,168,101953  
03/10/2009 00:00:00,14.12,90.20,0.00,-0.00,0.00,317.40,2.69,170,101909  
03/10/2009 01:00:00,14.00,88.95,0.00,-0.00,0.00,321.50,2.16,173,101866  
03/10/2009 02:00:00,13.87,87.69,0.00,-0.00,0.00,325.60,1.63,175,101823  
03/10/2009 03:00:00,13.91,90.68,0.00,-0.00,0.00,322.63,1.66,136,101796  
03/10/2009 04:00:00,13.95,93.67,0.00,-0.00,0.00,319.67,1.70,98,101770  
03/10/2009 05:00:00,13.98,96.66,0.00,-0.00,0.00,316.70,1.74,60,101743  
03/10/2009 06:00:00,14.29,87.99,0.00,-0.00,0.00,318.53,2.23,68,101756  
03/10/2009 07:00:00,14.61,79.32,129.00,437.29,54.00,320.37,2.72,77,101770  
03/10/2009 08:00:00,14.92,70.65,285.00,570.08,97.00,322.20,3.21,85,101783  
03/10/2009 09:00:00,15.09,67.67,301.00,173.09,221.00,328.60,3.67,87,101763  
03/10/2009 10:00:00,15.25,64.68,160.00,0.00,160.00,335.00,4.12,90,101743  
03/10/2009 11:00:00,15.42,61.70,155.00,0.00,155.00,341.40,4.58,92,101723  
03/10/2009 12:00:00,15.56,60.44,169.00,0.00,169.00,346.80,4.58,92,101673  
03/10/2009 13:00:00,15.71,59.18,181.00,0.00,181.00,352.20,4.59,92,101623  
03/10/2009 14:00:00,15.85,57.92,142.00,0.00,142.00,357.60,4.59,92,101573  
03/10/2009 15:00:00,15.83,60.12,195.00,53.22,174.00,349.70,3.97,90,101563  
03/10/2009 16:00:00,15.81,62.31,152.00,170.04,110.00,341.80,3.34,87,101553  
03/10/2009 17:00:00,15.79,64.51,5.00,0.00,5.00,333.90,2.72,85,101543  
03/10/2009 18:00:00,15.84,67.24,0.00,-0.00,0.00,327.33,2.69,82,101570  
03/10/2009 19:00:00,15.90,69.97,0.00,-0.00,0.00,320.77,2.66,78,101597  
03/10/2009 20:00:00,15.95,72.70,0.00,-0.00,0.00,314.20,2.63,75,101623  
03/10/2009 21:00:00,16.08,75.79,0.00,-0.00,0.00,315.40,2.69,68,101610  
03/10/2009 22:00:00,16.21,78.87,0.00,-0.00,0.00,316.60,2.74,62,101597  
03/10/2009 23:00:00,16.34,81.96,0.00,-0.00,0.00,317.80,2.79,56,101583  
04/10/2009 00:00:00,16.26,86.07,0.00,-0.00,0.00,319.15,2.81,40,101563  
04/10/2009 01:00:00,16.18,90.19,0.00,-0.00,0.00,320.50,2.83,24,101543  
04/10/2009 02:00:00,16.10,94.30,0.00,-0.00,0.00,321.85,2.86,8,101523  
04/10/2009 03:00:00,16.17,95.88,0.00,-0.00,0.00,322.53,2.84,5,101510  
04/10/2009 04:00:00,16.23,97.47,0.00,-0.00,0.00,323.22,2.82,2,101497  
04/10/2009 05:00:00,16.29,99.05,0.00,-0.00,0.00,323.90,2.80,359,101483

04/10/2009 06:00:00,16.51,94.47,0.00,-0.00,0.00,335.38,3.04,358,101503  
04/10/2009 07:00:00,16.74,89.88,58.00,17.93,55.00,346.87,3.29,357,101523  
04/10/2009 08:00:00,16.96,85.30,222.00,239.70,144.00,358.35,3.53,356,101543  
04/10/2009 09:00:00,17.12,82.64,430.00,686.19,116.00,359.67,3.62,0,101533  
04/10/2009 10:00:00,17.29,79.99,463.00,425.31,227.00,360.98,3.71,4,101523  
04/10/2009 11:00:00,17.45,77.33,333.00,68.78,291.00,362.30,3.79,8,101513  
04/10/2009 12:00:00,17.54,73.43,250.00,9.66,244.00,363.42,3.69,2,101467  
04/10/2009 13:00:00,17.63,69.54,94.00,0.00,94.00,364.53,3.59,356,101420  
04/10/2009 14:00:00,17.72,65.64,202.00,11.85,196.00,365.65,3.49,351,101374  
04/10/2009 15:00:00,17.52,66.77,57.00,0.00,57.00,367.73,3.15,344,101350  
04/10/2009 16:00:00,17.33,67.89,58.00,0.00,58.00,369.82,2.82,336,101327  
04/10/2009 17:00:00,17.14,69.02,5.00,0.00,5.00,371.90,2.48,329,101304  
04/10/2009 18:00:00,16.90,74.21,0.00,-0.00,0.00,375.45,2.71,329,101310  
04/10/2009 19:00:00,16.67,79.40,0.00,-0.00,0.00,379.00,2.94,328,101317  
04/10/2009 20:00:00,16.43,84.59,0.00,-0.00,0.00,382.55,3.17,328,101324  
04/10/2009 21:00:00,16.46,88.34,0.00,-0.00,0.00,382.82,3.47,325,101270  
04/10/2009 22:00:00,16.49,92.10,0.00,-0.00,0.00,383.08,3.76,323,101217  
04/10/2009 23:00:00,16.53,95.85,0.00,-0.00,0.00,383.35,4.06,320,101164  
05/10/2009 00:00:00,16.76,95.14,0.00,-0.00,0.00,379.77,3.91,327,101101  
05/10/2009 01:00:00,16.99,94.43,0.00,-0.00,0.00,376.18,3.77,333,101037  
05/10/2009 02:00:00,17.22,93.72,0.00,-0.00,0.00,372.60,3.63,340,100974  
05/10/2009 03:00:00,17.52,95.03,0.00,-0.00,0.00,376.27,3.74,354,100924  
05/10/2009 04:00:00,17.81,96.33,0.00,-0.00,0.00,379.93,3.86,8,100874  
05/10/2009 05:00:00,18.10,97.64,0.00,-0.00,0.00,383.60,3.97,21,100824  
05/10/2009 06:00:00,18.32,97.32,0.00,-0.00,0.00,379.43,4.89,31,100834  
05/10/2009 07:00:00,18.53,96.99,83.00,104.21,66.00,375.27,5.80,40,100844  
05/10/2009 08:00:00,18.75,96.67,180.00,109.03,145.00,371.10,6.72,49,100854  
05/10/2009 09:00:00,18.70,92.58,70.00,0.00,70.00,367.87,7.32,54,100884  
05/10/2009 10:00:00,18.65,88.49,77.00,0.00,77.00,364.63,7.92,60,100914  
05/10/2009 11:00:00,18.60,84.40,62.00,0.00,62.00,361.40,8.52,65,100944  
05/10/2009 12:00:00,18.58,81.60,173.00,0.00,173.00,359.60,7.59,66,100964  
05/10/2009 13:00:00,18.56,78.79,240.00,13.80,232.00,357.80,6.66,67,100984  
05/10/2009 14:00:00,18.54,75.99,318.00,149.86,243.00,356.00,5.72,68,101004  
05/10/2009 15:00:00,18.21,80.11,264.00,229.82,176.00,358.12,4.37,59,101034  
05/10/2009 16:00:00,17.89,84.23,64.00,0.00,64.00,360.23,3.01,51,101064  
05/10/2009 17:00:00,17.57,88.35,4.00,0.00,4.00,362.35,1.66,43,101094  
05/10/2009 18:00:00,17.53,90.11,0.00,-0.00,0.00,366.43,1.83,16,101114  
05/10/2009 19:00:00,17.50,91.86,0.00,-0.00,0.00,370.52,2.01,350,101134  
05/10/2009 20:00:00,17.46,93.62,0.00,-0.00,0.00,374.60,2.19,323,101154  
05/10/2009 21:00:00,17.64,93.79,0.00,-0.00,0.00,379.28,2.24,327,101131  
05/10/2009 22:00:00,17.81,93.97,0.00,-0.00,0.00,383.97,2.29,331,101107  
05/10/2009 23:00:00,17.99,94.14,0.00,-0.00,0.00,388.65,2.33,335,101084  
06/10/2009 00:00:00,17.76,95.48,0.00,-0.00,0.00,390.03,2.18,326,101054  
06/10/2009 01:00:00,17.54,96.81,0.00,-0.00,0.00,391.42,2.04,316,101024  
06/10/2009 02:00:00,17.31,98.15,0.00,-0.00,0.00,392.80,1.89,306,100994  
06/10/2009 03:00:00,17.57,97.41,0.00,-0.00,0.00,388.97,2.29,320,100958  
06/10/2009 04:00:00,17.82,96.68,0.00,-0.00,0.00,385.13,2.68,334,100921  
06/10/2009 05:00:00,18.07,95.94,0.00,-0.00,0.00,381.30,3.08,348,100884  
06/10/2009 06:00:00,18.18,94.71,0.00,-0.00,0.00,383.97,3.94,3,100924  
06/10/2009 07:00:00,18.28,93.49,85.00,132.15,64.00,386.63,4.80,17,100964

06/10/2009 08:00:00,18.39,92.26,183.00,123.18,144.00,389.30,5.67,32,101004  
06/10/2009 09:00:00,18.42,92.16,433.00,753.87,95.00,386.85,6.00,38,101034  
06/10/2009 10:00:00,18.45,92.07,211.00,9.17,206.00,384.40,6.34,44,101064  
06/10/2009 11:00:00,18.48,91.97,362.00,109.93,296.00,381.95,6.68,50,101094  
06/10/2009 12:00:00,18.65,85.74,321.00,55.71,287.00,373.68,6.00,49,101101  
06/10/2009 13:00:00,18.81,79.50,425.00,264.66,273.00,365.42,5.31,49,101107  
06/10/2009 14:00:00,18.98,73.27,382.00,323.39,222.00,357.15,4.63,48,101114  
06/10/2009 15:00:00,18.71,76.42,299.00,389.83,152.00,356.35,3.90,46,101134  
06/10/2009 16:00:00,18.44,79.57,197.00,597.37,60.00,355.55,3.16,43,101154  
06/10/2009 17:00:00,18.17,82.72,4.00,0.00,4.00,354.75,2.43,41,101174  
06/10/2009 18:00:00,18.01,85.67,0.00,-0.00,0.00,355.88,2.48,24,101201  
06/10/2009 19:00:00,17.85,88.62,0.00,-0.00,0.00,357.02,2.53,6,101227  
06/10/2009 20:00:00,17.70,91.57,0.00,-0.00,0.00,358.15,2.58,349,101254  
06/10/2009 21:00:00,17.65,92.78,0.00,-0.00,0.00,361.82,2.54,340,101247  
06/10/2009 22:00:00,17.60,93.98,0.00,-0.00,0.00,365.48,2.51,330,101240  
06/10/2009 23:00:00,17.56,95.19,0.00,-0.00,0.00,369.15,2.47,321,101234  
07/10/2009 00:00:00,17.62,94.52,0.00,-0.00,0.00,367.97,2.63,314,101177  
07/10/2009 01:00:00,17.67,93.86,0.00,-0.00,0.00,366.78,2.79,307,101121  
07/10/2009 02:00:00,17.73,93.19,0.00,-0.00,0.00,365.60,2.95,300,101064  
07/10/2009 03:00:00,17.76,92.54,0.00,-0.00,0.00,365.55,3.11,308,101004  
07/10/2009 04:00:00,17.79,91.88,0.00,-0.00,0.00,365.50,3.27,316,100944  
07/10/2009 05:00:00,17.81,91.23,0.00,-0.00,0.00,365.45,3.43,324,100884  
07/10/2009 06:00:00,17.89,90.66,0.00,-0.00,0.00,364.82,3.50,336,100901  
07/10/2009 07:00:00,17.96,90.09,32.00,0.00,32.00,364.18,3.57,348,100918  
07/10/2009 08:00:00,18.04,89.52,165.00,86.49,138.00,363.55,3.64,1,100934  
07/10/2009 09:00:00,18.16,86.65,394.00,563.45,144.00,361.93,3.89,12,100924  
07/10/2009 10:00:00,18.27,83.78,430.00,359.10,236.00,360.32,4.15,24,100914  
07/10/2009 11:00:00,18.39,80.91,289.00,36.96,267.00,358.70,4.40,35,100904  
07/10/2009 12:00:00,18.50,77.46,298.00,39.67,274.00,358.25,4.82,41,100858  
07/10/2009 13:00:00,18.60,74.01,51.00,0.00,51.00,357.80,5.24,46,100811  
07/10/2009 14:00:00,18.71,70.56,132.00,0.00,132.00,357.35,5.66,52,100765  
07/10/2009 15:00:00,18.46,73.92,145.00,13.47,140.00,355.40,4.69,51,100801  
07/10/2009 16:00:00,18.22,77.29,148.00,241.61,94.00,353.45,3.71,49,100838  
07/10/2009 17:00:00,17.98,80.65,3.00,0.00,3.00,351.50,2.74,48,100874  
07/10/2009 18:00:00,17.87,84.55,0.00,-0.00,0.00,350.00,2.71,40,100908  
07/10/2009 19:00:00,17.76,88.44,0.00,-0.00,0.00,348.50,2.68,32,100941  
07/10/2009 20:00:00,17.66,92.34,0.00,-0.00,0.00,347.00,2.65,24,100974  
07/10/2009 21:00:00,17.61,94.49,0.00,-0.00,0.00,348.35,2.70,16,100974  
07/10/2009 22:00:00,17.56,96.63,0.00,-0.00,0.00,349.70,2.76,8,100974  
07/10/2009 23:00:00,17.51,98.78,0.00,-0.00,0.00,351.05,2.81,0,100974  
08/10/2009 00:00:00,17.43,99.19,0.00,-0.00,0.00,353.17,2.69,353,100988  
08/10/2009 01:00:00,17.36,99.59,0.00,-0.00,0.00,355.28,2.57,345,101001  
08/10/2009 02:00:00,17.28,100.00,0.00,-0.00,0.00,357.40,2.46,338,101014  
08/10/2009 03:00:00,17.21,100.00,0.00,-0.00,0.00,356.95,2.13,332,101027  
08/10/2009 04:00:00,17.13,100.00,0.00,-0.00,0.00,356.50,1.80,326,101041  
08/10/2009 05:00:00,17.05,100.00,0.00,-0.00,0.00,356.05,1.48,320,101054  
08/10/2009 06:00:00,17.08,99.15,0.00,-0.00,0.00,357.25,1.28,310,101121  
08/10/2009 07:00:00,17.10,98.29,63.00,46.53,56.00,358.45,1.09,299,101187  
08/10/2009 08:00:00,17.13,97.44,97.00,3.25,96.00,359.65,0.90,289,101254  
08/10/2009 09:00:00,17.14,95.01,374.00,489.74,159.00,364.63,0.82,265,101277

08/10/2009 10:00:00,17.16,92.58,534.00,799.52,106.00,369.62,0.74,240,101300  
08/10/2009 11:00:00,17.17,90.15,525.00,520.26,218.00,374.60,0.66,216,101324  
08/10/2009 12:00:00,17.42,88.00,230.00,6.67,226.00,368.25,1.16,166,101314  
08/10/2009 13:00:00,17.66,85.86,105.00,0.00,105.00,361.90,1.66,116,101304  
08/10/2009 14:00:00,17.91,83.71,156.00,2.07,155.00,355.55,2.17,65,101294  
08/10/2009 15:00:00,17.80,87.29,60.00,0.00,60.00,352.33,1.76,70,101330  
08/10/2009 16:00:00,17.69,90.88,42.00,0.00,42.00,349.12,1.36,76,101367  
08/10/2009 17:00:00,17.59,94.46,3.00,0.00,3.00,345.90,0.95,81,101404  
08/10/2009 18:00:00,17.32,95.66,0.00,-0.00,0.00,344.43,0.90,50,101434  
08/10/2009 19:00:00,17.05,96.87,0.00,-0.00,0.00,342.97,0.85,20,101463  
08/10/2009 20:00:00,16.78,98.07,0.00,-0.00,0.00,341.50,0.80,349,101493  
08/10/2009 21:00:00,16.77,98.71,0.00,-0.00,0.00,341.42,1.21,348,101497  
08/10/2009 22:00:00,16.76,99.36,0.00,-0.00,0.00,341.33,1.63,348,101500  
08/10/2009 23:00:00,16.76,100.00,0.00,-0.00,0.00,341.25,2.04,347,101503  
09/10/2009 00:00:00,16.79,99.89,0.00,-0.00,0.00,342.73,2.12,348,101487  
09/10/2009 01:00:00,16.81,99.79,0.00,-0.00,0.00,344.22,2.21,350,101470  
09/10/2009 02:00:00,16.84,99.68,0.00,-0.00,0.00,345.70,2.29,351,101453  
09/10/2009 03:00:00,16.88,99.76,0.00,-0.00,0.00,346.45,2.25,357,101453  
09/10/2009 04:00:00,16.92,99.85,0.00,-0.00,0.00,347.20,2.21,3,101453  
09/10/2009 05:00:00,16.96,99.93,0.00,-0.00,0.00,347.95,2.17,9,101453  
09/10/2009 06:00:00,17.10,98.38,0.00,-0.00,0.00,350.98,2.71,15,101467  
09/10/2009 07:00:00,17.25,96.82,25.00,0.00,25.00,354.02,3.25,20,101480  
09/10/2009 08:00:00,17.39,95.27,23.00,0.00,23.00,357.05,3.79,26,101493  
09/10/2009 09:00:00,17.36,92.84,156.00,6.91,153.00,357.30,4.26,35,101477  
09/10/2009 10:00:00,17.33,90.41,153.00,0.00,153.00,357.55,4.73,44,101460  
09/10/2009 11:00:00,17.30,87.98,172.00,0.00,172.00,357.80,5.20,53,101444  
09/10/2009 12:00:00,17.18,86.23,321.00,63.95,283.00,360.55,5.21,61,101427  
09/10/2009 13:00:00,17.05,84.47,185.00,1.79,184.00,363.30,5.22,69,101410  
09/10/2009 14:00:00,16.93,82.72,156.00,2.09,155.00,366.05,5.23,78,101394  
09/10/2009 15:00:00,16.74,82.82,150.00,22.24,142.00,369.07,5.04,81,101430  
09/10/2009 16:00:00,16.56,82.91,41.00,0.00,41.00,372.08,4.85,85,101467  
09/10/2009 17:00:00,16.38,83.01,2.00,0.00,2.00,375.10,4.66,88,101503  
09/10/2009 18:00:00,16.41,83.34,0.00,-0.00,0.00,377.22,4.43,89,101533  
09/10/2009 19:00:00,16.45,83.67,0.00,-0.00,0.00,379.33,4.19,90,101563  
09/10/2009 20:00:00,16.49,84.00,0.00,-0.00,0.00,381.45,3.96,91,101593  
09/10/2009 21:00:00,16.42,87.46,0.00,-0.00,0.00,379.98,3.75,86,101590  
09/10/2009 22:00:00,16.35,90.93,0.00,-0.00,0.00,378.52,3.54,82,101587  
09/10/2009 23:00:00,16.29,94.39,0.00,-0.00,0.00,377.05,3.34,77,101583  
10/10/2009 00:00:00,16.59,95.14,0.00,-0.00,0.00,372.77,3.31,72,101550  
10/10/2009 01:00:00,16.88,95.90,0.00,-0.00,0.00,368.48,3.27,66,101517  
10/10/2009 02:00:00,17.18,96.65,0.00,-0.00,0.00,364.20,3.24,61,101483  
10/10/2009 03:00:00,17.12,96.81,0.00,-0.00,0.00,360.70,3.33,70,101493  
10/10/2009 04:00:00,17.06,96.97,0.00,-0.00,0.00,357.20,3.43,79,101503  
10/10/2009 05:00:00,17.00,97.13,0.00,-0.00,0.00,353.70,3.52,88,101513  
10/10/2009 06:00:00,16.98,95.82,0.00,-0.00,0.00,351.90,3.77,97,101573  
10/10/2009 07:00:00,16.95,94.52,67.00,84.58,55.00,350.10,4.01,107,101633  
10/10/2009 08:00:00,16.93,93.21,131.00,33.47,121.00,348.30,4.26,116,101693  
10/10/2009 09:00:00,17.00,85.09,249.00,107.08,203.00,348.87,4.42,118,101713  
10/10/2009 10:00:00,17.08,76.97,323.00,127.52,256.00,349.43,4.57,121,101733  
10/10/2009 11:00:00,17.15,68.85,101.00,0.00,101.00,350.00,4.73,123,101753



10/10/2009 12:00:00,17.32,67.50,107.00,0.00,107.00,348.10,4.74,122,101763  
10/10/2009 13:00:00,17.49,66.14,66.00,0.00,66.00,346.20,4.74,122,101773  
10/10/2009 14:00:00,17.66,64.79,213.00,27.55,200.00,344.30,4.74,121,101783  
10/10/2009 15:00:00,17.45,71.45,298.00,488.74,125.00,342.10,3.84,118,101816  
10/10/2009 16:00:00,17.24,78.11,83.00,29.10,77.00,339.90,2.94,115,101850  
10/10/2009 17:00:00,17.04,84.77,2.00,0.00,2.00,337.70,2.04,112,101883  
10/10/2009 18:00:00,16.88,89.13,0.00,-0.00,0.00,347.15,2.17,108,101919  
10/10/2009 19:00:00,16.73,93.49,0.00,-0.00,0.00,356.60,2.30,103,101956  
10/10/2009 20:00:00,16.58,97.85,0.00,-0.00,0.00,366.05,2.43,99,101993  
10/10/2009 21:00:00,16.58,98.57,0.00,-0.00,0.00,367.05,2.21,82,101986  
10/10/2009 22:00:00,16.57,99.28,0.00,-0.00,0.00,368.05,1.99,66,101979  
10/10/2009 23:00:00,16.57,100.00,0.00,-0.00,0.00,369.05,1.77,50,101973  
11/10/2009 00:00:00,16.47,100.00,0.00,-0.00,0.00,368.42,1.72,28,101969  
11/10/2009 01:00:00,16.37,100.00,0.00,-0.00,0.00,367.78,1.68,7,101966  
11/10/2009 02:00:00,16.27,100.00,0.00,-0.00,0.00,367.15,1.64,346,101963  
11/10/2009 03:00:00,16.31,100.00,0.00,-0.00,0.00,370.52,1.60,348,101946  
11/10/2009 04:00:00,16.34,100.00,0.00,-0.00,0.00,373.88,1.56,349,101929  
11/10/2009 05:00:00,16.37,100.00,0.00,-0.00,0.00,377.25,1.52,351,101913  
11/10/2009 06:00:00,16.47,99.50,0.00,-0.00,0.00,381.17,1.37,4,101933  
11/10/2009 07:00:00,16.57,99.00,54.00,36.34,49.00,385.08,1.22,16,101953  
11/10/2009 08:00:00,16.67,98.50,114.00,16.99,109.00,389.00,1.08,29,101973  
11/10/2009 09:00:00,16.81,92.54,56.00,0.00,56.00,389.65,1.85,51,101959  
11/10/2009 10:00:00,16.94,86.58,156.00,0.00,156.00,390.30,2.63,73,101946  
11/10/2009 11:00:00,17.08,80.62,128.00,0.00,128.00,390.95,3.41,96,101933  
11/10/2009 12:00:00,17.12,77.81,406.75,377.10,186.75,381.55,3.92,98,101899  
11/10/2009 13:00:00,17.15,74.99,262.00,36.60,242.00,372.15,4.43,101,101866  
11/10/2009 14:00:00,17.19,72.18,72.00,0.00,72.00,362.75,4.94,104,101833  
11/10/2009 15:00:00,16.87,76.63,117.00,5.74,115.00,358.83,4.86,105,101833  
11/10/2009 16:00:00,16.55,81.09,77.00,19.96,73.00,354.92,4.78,107,101833  
11/10/2009 17:00:00,16.23,85.54,0.00,0.00,0.00,351.00,4.70,108,101833  
11/10/2009 18:00:00,16.13,86.84,0.00,-0.00,0.00,360.60,5.10,111,101850  
11/10/2009 19:00:00,16.04,88.13,0.00,-0.00,0.00,370.20,5.49,114,101866  
11/10/2009 20:00:00,15.95,89.43,0.00,-0.00,0.00,379.80,5.89,116,101883  
11/10/2009 21:00:00,16.07,89.19,0.00,-0.00,0.00,383.25,5.96,122,101889  
11/10/2009 22:00:00,16.18,88.95,0.00,-0.00,0.00,386.70,6.03,127,101896  
11/10/2009 23:00:00,16.30,88.71,0.00,-0.00,0.00,390.15,6.10,133,101903  
12/10/2009 00:00:00,16.24,88.34,0.00,-0.00,0.00,386.25,5.79,141,101953  
12/10/2009 01:00:00,16.18,87.97,0.00,-0.00,0.00,382.35,5.48,150,102003  
12/10/2009 02:00:00,16.12,87.60,0.00,-0.00,0.00,378.45,5.17,158,102053  
12/10/2009 03:00:00,15.72,85.19,0.00,-0.00,0.00,372.18,5.43,168,102129  
12/10/2009 04:00:00,15.32,82.78,0.00,-0.00,0.00,365.92,5.68,177,102206  
12/10/2009 05:00:00,14.91,80.37,0.00,-0.00,0.00,359.65,5.93,187,102282  
12/10/2009 06:00:00,14.64,76.93,0.00,-0.00,0.00,360.95,6.00,195,102365  
12/10/2009 07:00:00,14.36,73.49,90.00,330.17,46.00,362.25,6.08,204,102449  
12/10/2009 08:00:00,14.09,70.05,250.00,576.39,83.00,363.55,6.15,212,102532  
12/10/2009 09:00:00,14.29,66.32,398.00,711.75,99.00,360.98,5.66,214,102555  
12/10/2009 10:00:00,14.50,62.58,509.00,776.02,109.00,358.42,5.16,216,102578  
12/10/2009 11:00:00,14.70,58.85,577.00,822.05,109.00,355.85,4.66,218,102602  
12/10/2009 12:00:00,14.93,57.26,588.00,828.73,109.00,333.85,4.85,218,102592  
12/10/2009 13:00:00,15.17,55.67,552.00,850.39,92.00,311.85,5.04,218,102582

12/10/2009 14:00:00,15.40,54.08,445.00,733.79,107.00,289.85,5.23,217,102572  
12/10/2009 15:00:00,15.35,58.49,312.00,645.15,91.00,289.70,4.46,215,102612  
12/10/2009 16:00:00,15.31,62.89,154.00,467.21,63.00,289.55,3.69,213,102652  
12/10/2009 17:00:00,15.27,67.30,0.00,0.00,0.00,289.40,2.92,211,102692  
12/10/2009 18:00:00,15.03,69.81,0.00,-0.00,0.00,290.15,2.92,212,102748  
12/10/2009 19:00:00,14.79,72.33,0.00,-0.00,0.00,290.90,2.91,213,102805  
12/10/2009 20:00:00,14.55,74.84,0.00,-0.00,0.00,291.65,2.91,214,102861  
12/10/2009 21:00:00,14.36,77.75,0.00,-0.00,0.00,291.63,2.91,218,102878  
12/10/2009 22:00:00,14.17,80.67,0.00,-0.00,0.00,291.62,2.90,222,102895  
12/10/2009 23:00:00,13.99,83.58,0.00,-0.00,0.00,291.60,2.90,227,102911  
13/10/2009 00:00:00,13.72,86.82,0.00,-0.00,0.00,291.20,2.91,231,102891  
13/10/2009 01:00:00,13.45,90.06,0.00,-0.00,0.00,290.80,2.91,235,102871  
13/10/2009 02:00:00,13.18,93.30,0.00,-0.00,0.00,290.40,2.92,240,102851  
13/10/2009 03:00:00,13.00,94.48,0.00,-0.00,0.00,289.83,2.95,239,102861  
13/10/2009 04:00:00,12.82,95.66,0.00,-0.00,0.00,289.27,2.97,238,102871  
13/10/2009 05:00:00,12.64,96.84,0.00,-0.00,0.00,288.70,2.99,237,102881  
13/10/2009 06:00:00,12.77,90.83,0.00,-0.00,0.00,288.38,3.08,239,102925  
13/10/2009 07:00:00,12.91,84.81,90.00,380.02,41.00,288.07,3.17,240,102968  
13/10/2009 08:00:00,13.04,78.80,244.00,561.02,84.00,287.75,3.26,242,103011  
13/10/2009 09:00:00,13.53,72.96,389.00,686.22,104.00,288.17,3.30,241,102988  
13/10/2009 10:00:00,14.02,67.13,479.00,648.46,148.00,288.58,3.35,240,102964  
13/10/2009 11:00:00,14.51,61.29,461.00,384.69,244.00,289.00,3.39,240,102941  
13/10/2009 12:00:00,14.82,59.62,496.00,475.03,224.00,289.75,3.75,237,102875  
13/10/2009 13:00:00,15.14,57.95,516.00,700.44,141.00,290.50,4.11,235,102808  
13/10/2009 14:00:00,15.45,56.28,437.00,716.50,111.00,291.25,4.47,233,102742  
13/10/2009 15:00:00,15.37,62.02,301.00,608.50,96.00,292.20,3.98,233,102745  
13/10/2009 16:00:00,15.29,67.76,138.00,359.52,70.00,293.15,3.49,233,102748  
13/10/2009 17:00:00,15.21,73.50,0.00,0.00,0.00,294.10,2.99,232,102751  
13/10/2009 18:00:00,14.96,76.07,0.00,-0.00,0.00,294.67,3.06,233,102768  
13/10/2009 19:00:00,14.72,78.65,0.00,-0.00,0.00,295.23,3.12,234,102785  
13/10/2009 20:00:00,14.48,81.22,0.00,-0.00,0.00,295.80,3.19,235,102801  
13/10/2009 21:00:00,14.28,82.68,0.00,-0.00,0.00,295.55,3.16,236,102801  
13/10/2009 22:00:00,14.08,84.13,0.00,-0.00,0.00,295.30,3.14,238,102801  
13/10/2009 23:00:00,13.89,85.59,0.00,-0.00,0.00,295.05,3.12,239,102801  
14/10/2009 00:00:00,13.69,86.82,0.00,-0.00,0.00,295.35,3.12,241,102758  
14/10/2009 01:00:00,13.49,88.06,0.00,-0.00,0.00,295.65,3.12,243,102715  
14/10/2009 02:00:00,13.29,89.29,0.00,-0.00,0.00,295.95,3.12,245,102672  
14/10/2009 03:00:00,13.12,90.35,0.00,-0.00,0.00,295.42,3.09,245,102668  
14/10/2009 04:00:00,12.95,91.42,0.00,-0.00,0.00,294.88,3.05,246,102665  
14/10/2009 05:00:00,12.78,92.48,0.00,-0.00,0.00,294.35,3.02,246,102662  
14/10/2009 06:00:00,12.90,87.16,0.00,-0.00,0.00,294.97,3.47,246,102692  
14/10/2009 07:00:00,13.02,81.85,81.00,296.94,44.00,295.58,3.92,245,102722  
14/10/2009 08:00:00,13.14,76.53,242.00,577.25,80.00,296.20,4.37,245,102751  
14/10/2009 09:00:00,13.60,71.35,386.00,694.22,101.00,297.72,4.69,242,102722  
14/10/2009 10:00:00,14.05,66.16,506.00,811.19,96.00,299.23,5.02,240,102692  
14/10/2009 11:00:00,14.51,60.98,554.00,762.26,128.00,300.75,5.34,237,102662  
14/10/2009 12:00:00,14.96,59.57,544.00,677.02,160.00,302.15,5.69,234,102618  
14/10/2009 13:00:00,15.40,58.16,486.00,588.85,174.00,303.55,6.05,232,102575  
14/10/2009 14:00:00,15.85,56.75,433.00,727.67,106.00,304.95,6.40,229,102532  
14/10/2009 15:00:00,15.66,59.60,300.00,636.96,89.00,304.95,6.14,230,102552

14/10/2009 16:00:00,15.48,62.46,144.00,468.53,58.00,304.95,5.88,231,102572  
14/10/2009 17:00:00,15.30,65.31,0.00,0.00,0.00,304.95,5.61,233,102592  
14/10/2009 18:00:00,14.79,64.93,0.00,-0.00,0.00,302.40,5.58,235,102632  
14/10/2009 19:00:00,14.28,64.54,0.00,-0.00,0.00,299.85,5.55,238,102672  
14/10/2009 20:00:00,13.78,64.16,0.00,-0.00,0.00,297.30,5.52,241,102712  
14/10/2009 21:00:00,13.24,61.95,0.00,-0.00,0.00,292.40,5.44,242,102735  
14/10/2009 22:00:00,12.70,59.74,0.00,-0.00,0.00,287.50,5.36,242,102758  
14/10/2009 23:00:00,12.17,57.53,0.00,-0.00,0.00,282.60,5.28,242,102781  
15/10/2009 00:00:00,11.62,59.16,0.00,-0.00,0.00,278.63,5.21,241,102768  
15/10/2009 01:00:00,11.07,60.79,0.00,-0.00,0.00,274.67,5.14,240,102755  
15/10/2009 02:00:00,10.52,62.42,0.00,-0.00,0.00,270.70,5.08,239,102742  
15/10/2009 03:00:00,10.13,64.38,0.00,-0.00,0.00,268.60,5.12,238,102761  
15/10/2009 04:00:00,9.74,66.34,0.00,-0.00,0.00,266.50,5.16,238,102781  
15/10/2009 05:00:00,9.34,68.30,0.00,-0.00,0.00,264.40,5.20,237,102801  
15/10/2009 06:00:00,9.25,66.38,0.00,-0.00,0.00,262.92,5.70,236,102848  
15/10/2009 07:00:00,9.17,64.45,75.00,257.78,44.00,261.43,6.20,235,102895  
15/10/2009 08:00:00,9.08,62.53,231.00,525.23,86.00,259.95,6.70,234,102941  
15/10/2009 09:00:00,9.53,57.09,377.00,667.93,106.00,259.48,6.87,234,102925  
15/10/2009 10:00:00,9.98,51.66,490.00,755.39,112.00,259.02,7.03,233,102908  
15/10/2009 11:00:00,10.43,46.22,556.00,801.97,112.00,258.55,7.20,232,102891  
15/10/2009 12:00:00,10.90,43.68,567.00,806.35,114.00,257.95,7.29,231,102855  
15/10/2009 13:00:00,11.36,41.15,533.00,841.08,92.00,257.35,7.37,230,102818  
15/10/2009 14:00:00,11.83,38.61,424.00,709.79,109.00,256.75,7.46,229,102781  
15/10/2009 15:00:00,11.69,42.05,289.00,598.77,94.00,256.97,6.84,229,102808  
15/10/2009 16:00:00,11.56,45.48,134.00,404.47,62.00,257.18,6.22,230,102835  
15/10/2009 17:00:00,11.43,48.92,0.00,0.00,0.00,257.40,5.60,230,102861  
15/10/2009 18:00:00,11.17,53.48,0.00,-0.00,0.00,257.32,5.29,230,102895  
15/10/2009 19:00:00,10.91,58.05,0.00,-0.00,0.00,257.23,4.98,231,102928  
15/10/2009 20:00:00,10.65,62.61,0.00,-0.00,0.00,257.15,4.68,231,102961  
15/10/2009 21:00:00,10.57,66.96,0.00,-0.00,0.00,257.47,4.27,230,102974  
15/10/2009 22:00:00,10.49,71.31,0.00,-0.00,0.00,257.78,3.87,228,102988  
15/10/2009 23:00:00,10.41,75.66,0.00,-0.00,0.00,258.10,3.46,227,103001  
16/10/2009 00:00:00,10.12,80.30,0.00,-0.00,0.00,257.97,3.46,225,102991  
16/10/2009 01:00:00,9.83,84.93,0.00,-0.00,0.00,257.83,3.45,224,102981  
16/10/2009 02:00:00,9.54,89.57,0.00,-0.00,0.00,257.70,3.45,222,102971  
16/10/2009 03:00:00,9.61,90.14,0.00,-0.00,0.00,258.90,3.44,222,102988  
16/10/2009 04:00:00,9.68,90.70,0.00,-0.00,0.00,260.10,3.44,221,103004  
16/10/2009 05:00:00,9.75,91.27,0.00,-0.00,0.00,261.30,3.43,221,103021  
16/10/2009 06:00:00,10.13,85.43,0.00,-0.00,0.00,263.23,3.50,224,103034  
16/10/2009 07:00:00,10.50,79.59,70.00,241.59,42.00,265.17,3.57,226,103048  
16/10/2009 08:00:00,10.88,73.75,226.00,519.35,85.00,267.10,3.64,228,103061  
16/10/2009 09:00:00,11.45,69.05,368.00,641.02,111.00,268.70,3.87,224,103044  
16/10/2009 10:00:00,12.03,64.34,480.00,726.72,120.00,270.30,4.09,220,103028  
16/10/2009 11:00:00,12.61,59.64,240.00,20.06,229.00,271.90,4.32,216,103011  
16/10/2009 12:00:00,12.95,60.37,107.00,0.00,107.00,273.07,4.52,213,102961  
16/10/2009 13:00:00,13.29,61.11,201.00,7.71,197.00,274.23,4.72,209,102911  
16/10/2009 14:00:00,13.63,61.84,72.00,0.00,72.00,275.40,4.92,206,102861  
16/10/2009 15:00:00,13.88,66.14,196.00,149.95,148.00,279.32,4.25,202,102841  
16/10/2009 16:00:00,14.13,70.45,74.00,46.37,66.00,283.23,3.57,199,102821  
16/10/2009 17:00:00,14.38,74.75,0.00,0.00,0.00,287.15,2.90,196,102801

16/10/2009 18:00:00,14.34,78.13,0.00,-0.00,0.00,292.53,3.06,196,102811  
16/10/2009 19:00:00,14.31,81.52,0.00,-0.00,0.00,297.92,3.23,196,102821  
16/10/2009 20:00:00,14.27,84.90,0.00,-0.00,0.00,303.30,3.39,196,102831  
16/10/2009 21:00:00,14.02,83.95,0.00,-0.00,0.00,312.75,3.86,201,102838  
16/10/2009 22:00:00,13.77,83.01,0.00,-0.00,0.00,322.20,4.33,206,102845  
16/10/2009 23:00:00,13.52,82.06,0.00,-0.00,0.00,331.65,4.80,211,102851  
17/10/2009 00:00:00,12.99,82.66,0.00,-0.00,0.00,322.37,4.75,216,102838  
17/10/2009 01:00:00,12.46,83.26,0.00,-0.00,0.00,313.08,4.70,221,102825  
17/10/2009 02:00:00,11.93,83.86,0.00,-0.00,0.00,303.80,4.65,226,102811  
17/10/2009 03:00:00,11.77,82.66,0.00,-0.00,0.00,301.35,4.20,226,102795  
17/10/2009 04:00:00,11.60,81.47,0.00,-0.00,0.00,298.90,3.76,226,102778  
17/10/2009 05:00:00,11.43,80.27,0.00,-0.00,0.00,296.45,3.31,227,102761  
17/10/2009 06:00:00,11.52,76.22,0.00,-0.00,0.00,293.62,3.82,226,102768  
17/10/2009 07:00:00,11.60,72.17,67.00,233.12,41.00,290.78,4.32,225,102775  
17/10/2009 08:00:00,11.69,68.12,222.00,517.05,84.00,287.95,4.83,224,102781  
17/10/2009 09:00:00,11.90,64.34,361.00,626.10,113.00,291.47,4.87,222,102748  
17/10/2009 10:00:00,12.11,60.57,472.00,711.76,123.00,294.98,4.92,220,102715  
17/10/2009 11:00:00,12.32,56.79,470.00,474.98,212.00,298.50,4.97,218,102682  
17/10/2009 12:00:00,12.67,54.90,303.00,72.59,263.00,292.33,5.08,217,102615  
17/10/2009 13:00:00,13.01,53.02,282.00,74.02,244.00,286.17,5.20,216,102548  
17/10/2009 14:00:00,13.36,51.13,271.00,145.60,208.00,280.00,5.31,215,102482  
17/10/2009 15:00:00,13.28,55.01,151.00,50.86,135.00,282.62,4.58,214,102479  
17/10/2009 16:00:00,13.20,58.89,80.00,71.82,68.00,285.23,3.86,213,102475  
17/10/2009 17:00:00,13.12,62.77,0.00,0.00,0.00,287.85,3.13,212,102472  
17/10/2009 18:00:00,12.88,67.68,0.00,-0.00,0.00,285.20,3.14,212,102482  
17/10/2009 19:00:00,12.65,72.60,0.00,-0.00,0.00,282.55,3.16,211,102492  
17/10/2009 20:00:00,12.41,77.51,0.00,-0.00,0.00,279.90,3.17,211,102502  
17/10/2009 21:00:00,12.19,81.39,0.00,-0.00,0.00,278.52,3.21,213,102492  
17/10/2009 22:00:00,11.98,85.26,0.00,-0.00,0.00,277.13,3.25,214,102482  
17/10/2009 23:00:00,11.77,89.14,0.00,-0.00,0.00,275.75,3.28,215,102472  
18/10/2009 00:00:00,11.57,90.97,0.00,-0.00,0.00,277.52,3.21,218,102449  
18/10/2009 01:00:00,11.38,92.79,0.00,-0.00,0.00,279.28,3.14,221,102425  
18/10/2009 02:00:00,11.18,94.62,0.00,-0.00,0.00,281.05,3.06,224,102402  
18/10/2009 03:00:00,10.98,96.37,0.00,-0.00,0.00,281.20,3.17,229,102389  
18/10/2009 04:00:00,10.78,98.13,0.00,-0.00,0.00,281.35,3.27,234,102375  
18/10/2009 05:00:00,10.57,99.88,0.00,-0.00,0.00,281.50,3.38,239,102362  
18/10/2009 06:00:00,10.67,94.13,0.00,-0.00,0.00,282.07,3.31,247,102375  
18/10/2009 07:00:00,10.77,88.39,63.00,223.97,39.00,282.63,3.23,254,102389  
18/10/2009 08:00:00,10.87,82.64,217.00,510.87,83.00,283.20,3.16,262,102402  
18/10/2009 09:00:00,11.25,75.28,356.00,623.60,112.00,281.08,3.05,259,102382  
18/10/2009 10:00:00,11.63,67.91,469.00,723.27,118.00,278.97,2.95,257,102362  
18/10/2009 11:00:00,12.01,60.55,528.00,739.84,130.00,276.85,2.84,254,102342  
18/10/2009 12:00:00,12.24,57.27,535.00,733.06,135.00,275.22,3.14,251,102279  
18/10/2009 13:00:00,12.48,54.00,489.00,700.95,133.00,273.58,3.44,249,102216  
18/10/2009 14:00:00,12.71,50.72,398.00,653.08,119.00,271.95,3.74,246,102152  
18/10/2009 15:00:00,12.59,58.64,270.00,575.82,92.00,272.02,3.57,248,102132  
18/10/2009 16:00:00,12.47,66.55,117.00,371.09,57.00,272.08,3.40,251,102112  
18/10/2009 17:00:00,12.36,74.47,0.00,-0.00,0.00,272.15,3.23,253,102093  
18/10/2009 18:00:00,12.17,77.01,0.00,-0.00,0.00,272.00,3.26,260,102086  
18/10/2009 19:00:00,11.98,79.55,0.00,-0.00,0.00,271.85,3.29,267,102079

18/10/2009 20:00:00,11.80,82.09,0.00,-0.00,0.00,271.70,3.32,274,102073  
18/10/2009 21:00:00,11.63,83.12,0.00,-0.00,0.00,271.45,3.29,275,102053  
18/10/2009 22:00:00,11.46,84.14,0.00,-0.00,0.00,271.20,3.26,277,102033  
18/10/2009 23:00:00,11.29,85.17,0.00,-0.00,0.00,270.95,3.23,279,102013  
19/10/2009 00:00:00,10.98,84.28,0.00,-0.00,0.00,272.32,3.41,281,101936  
19/10/2009 01:00:00,10.67,83.40,0.00,-0.00,0.00,273.68,3.60,283,101860  
19/10/2009 02:00:00,10.36,82.51,0.00,-0.00,0.00,275.05,3.78,285,101783  
19/10/2009 03:00:00,10.20,81.98,0.00,-0.00,0.00,275.52,3.95,286,101720  
19/10/2009 04:00:00,10.04,81.44,0.00,-0.00,0.00,275.98,4.12,287,101657  
19/10/2009 05:00:00,9.88,80.91,0.00,-0.00,0.00,276.45,4.29,288,101593  
19/10/2009 06:00:00,9.93,77.16,0.00,-0.00,0.00,277.03,4.83,288,101553  
19/10/2009 07:00:00,9.99,73.42,51.00,126.49,38.00,277.62,5.37,289,101513  
19/10/2009 08:00:00,10.04,69.67,138.00,97.02,113.00,278.20,5.92,289,101473  
19/10/2009 09:00:00,10.50,63.87,325.00,476.14,141.00,278.25,5.87,293,101384  
19/10/2009 10:00:00,10.96,58.06,466.00,732.95,114.00,278.30,5.83,296,101294  
19/10/2009 11:00:00,11.42,52.26,517.00,711.43,138.00,278.35,5.78,300,101204  
19/10/2009 12:00:00,12.07,49.24,534.00,756.98,125.00,275.88,5.67,304,101051  
19/10/2009 13:00:00,12.71,46.23,475.00,660.77,143.00,273.42,5.57,308,100898  
19/10/2009 14:00:00,13.36,43.21,396.00,673.39,112.00,270.95,5.46,311,100745  
19/10/2009 15:00:00,13.54,45.90,277.00,665.13,75.00,281.27,5.12,313,100655  
19/10/2009 16:00:00,13.72,48.58,83.00,115.12,65.00,291.58,4.78,314,100565  
19/10/2009 17:00:00,13.90,51.27,0.00,-0.00,0.00,301.90,4.44,315,100475  
19/10/2009 18:00:00,14.14,53.28,0.00,-0.00,0.00,310.88,4.58,322,100408  
19/10/2009 19:00:00,14.38,55.30,0.00,-0.00,0.00,319.87,4.72,329,100342  
19/10/2009 20:00:00,14.62,57.31,0.00,-0.00,0.00,328.85,4.86,336,100275  
19/10/2009 21:00:00,14.93,61.57,0.00,-0.00,0.00,333.97,4.74,341,100185  
19/10/2009 22:00:00,15.24,65.83,0.00,-0.00,0.00,339.08,4.63,347,100096  
19/10/2009 23:00:00,15.56,70.09,0.00,-0.00,0.00,344.20,4.52,353,100006  
20/10/2009 00:00:00,15.45,77.81,0.00,-0.00,0.00,346.37,4.57,354,99926  
20/10/2009 01:00:00,15.33,85.54,0.00,-0.00,0.00,348.53,4.62,354,99846  
20/10/2009 02:00:00,15.22,93.26,0.00,-0.00,0.00,350.70,4.66,355,99766  
20/10/2009 03:00:00,15.24,95.15,0.00,-0.00,0.00,351.83,4.83,350,99726  
20/10/2009 04:00:00,15.26,97.04,0.00,-0.00,0.00,352.97,5.00,346,99686  
20/10/2009 05:00:00,15.27,98.93,0.00,-0.00,0.00,354.10,5.17,341,99646  
20/10/2009 06:00:00,15.40,96.00,0.00,-0.00,0.00,355.00,5.77,340,99620  
20/10/2009 07:00:00,15.54,93.08,18.00,0.00,18.00,355.90,6.38,340,99593  
20/10/2009 08:00:00,15.67,90.15,117.00,51.37,104.00,356.80,6.98,339,99566  
20/10/2009 09:00:00,15.85,86.32,214.00,94.34,178.00,357.08,7.22,346,99530  
20/10/2009 10:00:00,16.04,82.49,235.00,46.30,213.00,357.37,7.47,354,99493  
20/10/2009 11:00:00,16.23,78.66,310.00,102.37,256.00,357.65,7.71,1,99457  
20/10/2009 12:00:00,15.67,81.52,388.00,244.88,257.00,360.17,6.66,10,99417  
20/10/2009 13:00:00,15.10,84.38,267.00,66.39,234.00,362.68,5.60,18,99377  
20/10/2009 14:00:00,14.54,87.24,75.00,0.00,75.00,365.20,4.55,26,99337  
20/10/2009 15:00:00,14.26,90.96,34.00,0.00,34.00,366.75,4.55,27,99343  
20/10/2009 16:00:00,13.98,94.69,32.00,0.00,32.00,368.30,4.54,28,99350  
20/10/2009 17:00:00,13.70,98.41,0.00,-0.00,0.00,369.85,4.54,28,99357  
20/10/2009 18:00:00,13.70,97.19,0.00,-0.00,0.00,367.50,4.72,31,99377  
20/10/2009 19:00:00,13.71,95.98,0.00,-0.00,0.00,365.15,4.91,34,99397  
20/10/2009 20:00:00,13.72,94.76,0.00,-0.00,0.00,362.80,5.09,36,99417  
20/10/2009 21:00:00,13.94,93.96,0.00,-0.00,0.00,354.72,4.51,31,99420

20/10/2009 22:00:00,14.16,93.15,0.00,-0.00,0.00,346.63,3.93,26,99423  
20/10/2009 23:00:00,14.39,92.35,0.00,-0.00,0.00,338.55,3.35,21,99427  
21/10/2009 00:00:00,14.51,91.52,0.00,-0.00,0.00,331.50,3.24,19,99443  
21/10/2009 01:00:00,14.62,90.69,0.00,-0.00,0.00,324.45,3.13,16,99460  
21/10/2009 02:00:00,14.74,89.86,0.00,-0.00,0.00,317.40,3.02,13,99477  
21/10/2009 03:00:00,14.71,90.20,0.00,-0.00,0.00,317.27,2.98,10,99490  
21/10/2009 04:00:00,14.68,90.54,0.00,-0.00,0.00,317.13,2.94,7,99503  
21/10/2009 05:00:00,14.65,90.88,0.00,-0.00,0.00,317.00,2.90,4,99516  
21/10/2009 06:00:00,14.66,90.18,0.00,-0.00,0.00,319.72,3.00,3,99526  
21/10/2009 07:00:00,14.67,89.48,27.00,10.64,26.00,322.43,3.11,2,99536  
21/10/2009 08:00:00,14.68,88.78,75.00,4.02,74.00,325.15,3.21,0,99546  
21/10/2009 09:00:00,14.78,82.76,125.00,2.65,124.00,325.23,3.27,7,99526  
21/10/2009 10:00:00,14.89,76.74,261.00,80.82,223.00,325.32,3.33,13,99506  
21/10/2009 11:00:00,15.00,70.72,526.00,813.68,101.00,325.40,3.39,19,99487  
21/10/2009 12:00:00,14.85,71.97,354.00,175.59,261.00,321.62,4.05,24,99460  
21/10/2009 13:00:00,14.71,73.23,354.00,244.07,234.00,317.83,4.71,29,99433  
21/10/2009 14:00:00,14.56,74.48,192.00,36.50,177.00,314.05,5.37,34,99407  
21/10/2009 15:00:00,14.45,76.96,251.00,539.25,93.00,312.68,5.03,23,99427  
21/10/2009 16:00:00,14.34,79.43,69.00,75.41,58.00,311.32,4.70,12,99447  
21/10/2009 17:00:00,14.24,81.91,0.00,-0.00,0.00,309.95,4.37,2,99467  
21/10/2009 18:00:00,14.13,83.47,0.00,-0.00,0.00,314.27,4.70,0,99463  
21/10/2009 19:00:00,14.02,85.03,0.00,-0.00,0.00,318.58,5.03,359,99460  
21/10/2009 20:00:00,13.92,86.59,0.00,-0.00,0.00,322.90,5.35,358,99457  
21/10/2009 21:00:00,13.89,88.41,0.00,-0.00,0.00,322.60,5.41,357,99440  
21/10/2009 22:00:00,13.85,90.23,0.00,-0.00,0.00,322.30,5.46,356,99423  
21/10/2009 23:00:00,13.82,92.05,0.00,-0.00,0.00,322.00,5.52,355,99407  
22/10/2009 00:00:00,13.91,92.72,0.00,-0.00,0.00,321.35,5.33,349,99387  
22/10/2009 01:00:00,14.00,93.39,0.00,-0.00,0.00,320.70,5.15,344,99367  
22/10/2009 02:00:00,14.09,94.06,0.00,-0.00,0.00,320.05,4.97,338,99347  
22/10/2009 03:00:00,13.99,94.79,0.00,-0.00,0.00,323.03,4.77,338,99343  
22/10/2009 04:00:00,13.89,95.52,0.00,-0.00,0.00,326.02,4.58,338,99340  
22/10/2009 05:00:00,13.78,96.25,0.00,-0.00,0.00,329.00,4.39,339,99337  
22/10/2009 06:00:00,13.86,96.16,0.00,-0.00,0.00,334.58,4.18,340,99397  
22/10/2009 07:00:00,13.93,96.06,30.00,22.32,28.00,340.17,3.98,340,99457  
22/10/2009 08:00:00,14.01,95.97,211.00,611.07,62.00,345.75,3.78,341,99516  
22/10/2009 09:00:00,13.91,94.17,131.00,5.38,129.00,343.15,3.74,354,99560  
22/10/2009 10:00:00,13.81,92.36,102.00,0.00,102.00,340.55,3.71,7,99603  
22/10/2009 11:00:00,13.71,90.56,241.00,30.94,225.00,337.95,3.67,20,99646  
22/10/2009 12:00:00,14.13,89.75,206.00,9.54,201.00,332.33,3.77,42,99743  
22/10/2009 13:00:00,14.55,88.94,42.00,0.00,42.00,326.72,3.87,64,99839  
22/10/2009 14:00:00,14.97,88.13,49.00,0.00,49.00,321.10,3.97,87,99936  
22/10/2009 15:00:00,14.88,89.20,204.00,274.57,125.00,321.48,3.63,89,100012  
22/10/2009 16:00:00,14.80,90.27,20.00,0.00,20.00,321.87,3.29,92,100089  
22/10/2009 17:00:00,14.72,91.34,0.00,-0.00,0.00,322.25,2.95,95,100165  
22/10/2009 18:00:00,14.72,91.67,0.00,-0.00,0.00,322.23,3.00,93,100265  
22/10/2009 19:00:00,14.73,91.99,0.00,-0.00,0.00,322.22,3.04,91,100365  
22/10/2009 20:00:00,14.73,92.32,0.00,-0.00,0.00,322.20,3.09,89,100465  
22/10/2009 21:00:00,14.82,93.10,0.00,-0.00,0.00,322.47,3.08,86,100512  
22/10/2009 22:00:00,14.91,93.88,0.00,-0.00,0.00,322.73,3.06,83,100558  
22/10/2009 23:00:00,15.00,94.66,0.00,-0.00,0.00,323.00,3.05,79,100605

23/10/2009 00:00:00,15.00,96.16,0.00,-0.00,0.00,324.88,3.00,66,100675  
23/10/2009 01:00:00,15.01,97.65,0.00,-0.00,0.00,326.77,2.96,54,100745  
23/10/2009 02:00:00,15.01,99.15,0.00,-0.00,0.00,328.65,2.91,41,100814  
23/10/2009 03:00:00,14.80,99.24,0.00,-0.00,0.00,330.22,2.85,42,100854  
23/10/2009 04:00:00,14.59,99.34,0.00,-0.00,0.00,331.78,2.78,44,100894  
23/10/2009 05:00:00,14.38,99.43,0.00,-0.00,0.00,333.35,2.72,45,100934  
23/10/2009 06:00:00,14.52,98.55,0.00,-0.00,0.00,339.17,3.10,47,100981  
23/10/2009 07:00:00,14.67,97.67,44.00,152.58,31.00,344.98,3.49,49,101027  
23/10/2009 08:00:00,14.81,96.79,185.00,413.87,86.00,350.80,3.88,50,101074  
23/10/2009 09:00:00,14.92,93.37,315.00,514.87,126.00,356.10,4.41,49,101084  
23/10/2009 10:00:00,15.04,89.94,430.00,647.68,132.00,361.40,4.94,48,101094  
23/10/2009 11:00:00,15.15,86.52,220.00,17.58,211.00,366.70,5.48,46,101104  
23/10/2009 12:00:00,15.38,87.76,284.00,71.28,247.00,368.88,5.25,43,101101  
23/10/2009 13:00:00,15.61,89.01,112.00,0.00,112.00,371.07,5.02,40,101097  
23/10/2009 14:00:00,15.84,90.25,49.00,0.00,49.00,373.25,4.79,37,101094  
23/10/2009 15:00:00,15.86,93.50,101.00,10.62,98.00,378.52,4.60,37,101087  
23/10/2009 16:00:00,15.88,96.75,60.00,58.99,52.00,383.78,4.42,38,101081  
23/10/2009 17:00:00,15.91,100.00,0.00,-0.00,0.00,389.05,4.23,39,101074  
23/10/2009 18:00:00,15.93,100.00,0.00,-0.00,0.00,386.78,4.48,49,101087  
23/10/2009 19:00:00,15.96,100.00,0.00,-0.00,0.00,384.52,4.73,59,101101  
23/10/2009 20:00:00,15.99,100.00,0.00,-0.00,0.00,382.25,4.98,69,101114  
23/10/2009 21:00:00,16.02,99.19,0.00,-0.00,0.00,385.57,5.17,71,101124  
23/10/2009 22:00:00,16.06,98.37,0.00,-0.00,0.00,388.88,5.36,74,101134  
23/10/2009 23:00:00,16.10,97.56,0.00,-0.00,0.00,392.20,5.54,76,101144  
24/10/2009 00:00:00,16.16,97.54,0.00,-0.00,0.00,390.07,5.44,72,101127  
24/10/2009 01:00:00,16.23,97.51,0.00,-0.00,0.00,387.93,5.33,67,101111  
24/10/2009 02:00:00,16.29,97.49,0.00,-0.00,0.00,385.80,5.23,63,101094  
24/10/2009 03:00:00,16.36,97.68,0.00,-0.00,0.00,387.13,5.55,63,101114  
24/10/2009 04:00:00,16.43,97.88,0.00,-0.00,0.00,388.47,5.88,62,101134  
24/10/2009 05:00:00,16.50,98.07,0.00,-0.00,0.00,389.80,6.21,62,101154  
24/10/2009 06:00:00,16.58,97.97,0.00,-0.00,0.00,389.07,6.43,58,101157  
24/10/2009 07:00:00,16.65,97.87,33.00,61.88,28.00,388.33,6.66,55,101161  
24/10/2009 08:00:00,16.73,97.77,49.00,0.00,49.00,387.60,6.88,52,101164  
24/10/2009 09:00:00,16.71,97.81,30.00,0.00,30.00,389.33,7.31,52,101154  
24/10/2009 10:00:00,16.69,97.85,70.00,0.00,70.00,391.07,7.74,53,101144  
24/10/2009 11:00:00,16.67,97.89,52.00,0.00,52.00,392.80,8.17,53,101134  
24/10/2009 12:00:00,16.64,96.96,55.00,0.00,55.00,393.58,7.66,59,101147  
24/10/2009 13:00:00,16.62,96.04,66.00,0.00,66.00,394.37,7.16,64,101161  
24/10/2009 14:00:00,16.59,95.11,47.00,0.00,47.00,395.15,6.66,69,101174  
24/10/2009 15:00:00,16.24,92.72,64.00,0.00,64.00,395.08,6.23,79,101237  
24/10/2009 16:00:00,15.89,90.32,76.00,176.10,53.00,395.02,5.80,88,101300  
24/10/2009 17:00:00,15.54,87.93,0.00,-0.00,0.00,394.95,5.37,97,101364  
24/10/2009 18:00:00,15.28,88.17,0.00,-0.00,0.00,391.15,4.96,100,101430  
24/10/2009 19:00:00,15.02,88.40,0.00,-0.00,0.00,387.35,4.56,103,101497  
24/10/2009 20:00:00,14.76,88.64,0.00,-0.00,0.00,383.55,4.15,106,101563  
24/10/2009 21:00:00,14.71,89.47,0.00,-0.00,0.00,382.58,3.78,105,101597  
24/10/2009 22:00:00,14.66,90.29,0.00,-0.00,0.00,381.62,3.42,103,101630  
24/10/2009 23:00:00,14.62,91.12,0.00,-0.00,0.00,380.65,3.05,102,101663  
25/10/2009 00:00:00,14.72,92.32,0.00,-0.00,0.00,375.73,2.72,97,101663  
25/10/2009 01:00:00,14.82,93.51,0.00,-0.00,0.00,370.82,2.39,93,101663

25/10/2009 02:00:00,14.92,94.71,0.00,-0.00,0.00,365.90,2.06,89,101663  
25/10/2009 03:00:00,14.87,95.68,0.00,-0.00,0.00,360.37,2.08,76,101680  
25/10/2009 04:00:00,14.82,96.64,0.00,-0.00,0.00,354.83,2.10,63,101696  
25/10/2009 05:00:00,14.77,97.61,0.00,-0.00,0.00,349.30,2.12,50,101713  
25/10/2009 06:00:00,14.85,96.00,0.00,-0.00,0.00,345.65,2.18,49,101743  
25/10/2009 07:00:00,14.92,94.38,33.00,91.61,26.00,342.00,2.24,47,101773  
25/10/2009 08:00:00,15.00,92.77,122.00,100.02,99.00,338.35,2.30,46,101803  
25/10/2009 09:00:00,15.09,87.27,230.00,179.07,166.00,337.12,2.71,56,101806  
25/10/2009 10:00:00,15.19,81.78,368.00,404.38,186.00,335.88,3.12,66,101810  
25/10/2009 11:00:00,15.28,76.28,383.00,305.00,230.00,334.65,3.53,76,101813  
25/10/2009 12:00:00,15.11,74.62,317.00,131.73,250.00,332.50,3.54,82,101790  
25/10/2009 13:00:00,14.94,72.97,253.00,68.02,221.00,330.35,3.56,89,101766  
25/10/2009 14:00:00,14.77,71.31,288.00,289.85,175.00,328.20,3.57,96,101743  
25/10/2009 15:00:00,14.51,77.65,222.00,466.49,95.00,326.53,3.22,97,101750  
25/10/2009 16:00:00,14.26,83.99,81.00,270.58,47.00,324.87,2.87,98,101756  
25/10/2009 17:00:00,14.01,90.33,0.00,-0.00,0.00,323.20,2.52,99,101763  
25/10/2009 18:00:00,13.87,92.93,0.00,-0.00,0.00,327.15,2.69,98,101803  
25/10/2009 19:00:00,13.73,95.52,0.00,-0.00,0.00,331.10,2.86,97,101843  
25/10/2009 20:00:00,13.60,98.12,0.00,-0.00,0.00,335.05,3.02,95,101883  
25/10/2009 21:00:00,13.58,98.75,0.00,-0.00,0.00,338.55,2.93,99,101879  
25/10/2009 22:00:00,13.56,99.37,0.00,-0.00,0.00,342.05,2.84,103,101876  
25/10/2009 23:00:00,13.54,100.00,0.00,-0.00,0.00,345.55,2.74,107,101873  
26/10/2009 00:00:00,13.59,100.00,0.00,-0.00,0.00,339.13,2.12,73,101879  
26/10/2009 01:00:00,13.64,100.00,0.00,-0.00,0.00,332.72,1.49,39,101886  
26/10/2009 02:00:00,13.69,100.00,0.00,-0.00,0.00,326.30,0.87,5,101893  
26/10/2009 03:00:00,13.72,100.00,0.00,-0.00,0.00,325.57,1.11,353,101906  
26/10/2009 04:00:00,13.74,100.00,0.00,-0.00,0.00,324.83,1.35,341,101919  
26/10/2009 05:00:00,13.76,100.00,0.00,-0.00,0.00,324.10,1.59,329,101933  
26/10/2009 06:00:00,13.89,99.94,0.00,-0.00,0.00,325.03,1.83,331,101973  
26/10/2009 07:00:00,14.03,99.87,33.00,111.08,25.00,325.97,2.08,332,102013  
26/10/2009 08:00:00,14.16,99.81,162.00,328.40,88.00,326.90,2.33,333,102053  
26/10/2009 09:00:00,14.42,92.04,295.00,476.48,127.00,326.70,2.26,336,102056  
26/10/2009 10:00:00,14.69,84.28,414.00,640.33,129.00,326.50,2.19,338,102059  
26/10/2009 11:00:00,14.95,76.51,371.00,279.95,232.00,326.30,2.12,340,102063  
26/10/2009 12:00:00,14.92,75.63,388.00,313.86,230.00,327.13,2.06,329,102046  
26/10/2009 13:00:00,14.90,74.74,410.00,520.12,168.00,327.97,2.00,318,102029  
26/10/2009 14:00:00,14.87,73.86,332.00,509.47,136.00,328.80,1.93,307,102013  
26/10/2009 15:00:00,14.68,80.53,188.00,273.19,115.00,323.40,2.31,297,102029  
26/10/2009 16:00:00,14.50,87.19,51.00,49.68,45.00,318.00,2.69,287,102046  
26/10/2009 17:00:00,14.32,93.86,0.00,-0.00,0.00,312.60,3.06,276,102063  
26/10/2009 18:00:00,14.12,94.96,0.00,-0.00,0.00,310.78,3.05,279,102069  
26/10/2009 19:00:00,13.93,96.06,0.00,-0.00,0.00,308.97,3.03,281,102076  
26/10/2009 20:00:00,13.74,97.16,0.00,-0.00,0.00,307.15,3.02,283,102083  
26/10/2009 21:00:00,13.65,96.78,0.00,-0.00,0.00,305.60,3.08,284,102056  
26/10/2009 22:00:00,13.56,96.40,0.00,-0.00,0.00,304.05,3.13,286,102029  
26/10/2009 23:00:00,13.47,96.02,0.00,-0.00,0.00,302.50,3.19,287,102003  
27/10/2009 00:00:00,13.34,94.39,0.00,-0.00,0.00,300.65,3.47,285,101956  
27/10/2009 01:00:00,13.20,92.75,0.00,-0.00,0.00,298.80,3.75,283,101909  
27/10/2009 02:00:00,13.07,91.12,0.00,-0.00,0.00,296.95,4.03,280,101863  
27/10/2009 03:00:00,12.97,90.66,0.00,-0.00,0.00,295.38,4.23,280,101833



27/10/2009 04:00:00,12.87,90.19,0.00,-0.00,0.00,293.82,4.43,281,101803  
27/10/2009 05:00:00,12.76,89.73,0.00,-0.00,0.00,292.25,4.63,281,101773  
27/10/2009 06:00:00,12.96,84.78,0.00,-0.00,0.00,291.10,5.06,283,101773  
27/10/2009 07:00:00,13.16,79.83,31.00,118.29,23.00,289.95,5.49,286,101773  
27/10/2009 08:00:00,13.36,74.88,171.00,425.87,77.00,288.80,5.92,288,101773  
27/10/2009 09:00:00,13.96,69.16,315.00,626.86,97.00,289.13,5.49,292,101746  
27/10/2009 10:00:00,14.56,63.43,419.00,697.57,112.00,289.47,5.05,297,101720  
27/10/2009 11:00:00,15.16,57.71,466.00,667.44,138.00,289.80,4.62,301,101693  
27/10/2009 12:00:00,15.54,57.57,467.00,636.22,150.00,292.20,4.25,304,101633  
27/10/2009 13:00:00,15.91,57.44,432.00,652.00,132.00,294.60,3.89,308,101573  
27/10/2009 14:00:00,16.29,57.30,305.00,395.13,155.00,297.00,3.52,311,101513  
27/10/2009 15:00:00,16.06,65.67,177.00,240.24,114.00,300.08,3.54,313,101523  
27/10/2009 16:00:00,15.83,74.04,54.00,77.60,45.00,303.17,3.55,315,101533  
27/10/2009 17:00:00,15.60,82.41,0.00,-0.00,0.00,306.25,3.57,317,101543  
27/10/2009 18:00:00,15.41,86.30,0.00,-0.00,0.00,307.77,3.54,323,101570  
27/10/2009 19:00:00,15.23,90.20,0.00,-0.00,0.00,309.28,3.51,330,101597  
27/10/2009 20:00:00,15.04,94.09,0.00,-0.00,0.00,310.80,3.48,336,101623  
27/10/2009 21:00:00,15.06,96.06,0.00,-0.00,0.00,312.60,3.22,344,101633  
27/10/2009 22:00:00,15.08,98.03,0.00,-0.00,0.00,314.40,2.96,352,101643  
27/10/2009 23:00:00,15.11,100.00,0.00,-0.00,0.00,316.20,2.70,360,101653  
28/10/2009 00:00:00,15.12,100.00,0.00,-0.00,0.00,316.70,2.45,11,101660  
28/10/2009 01:00:00,15.14,100.00,0.00,-0.00,0.00,317.20,2.20,23,101666  
28/10/2009 02:00:00,15.15,100.00,0.00,-0.00,0.00,317.70,1.94,34,101673  
28/10/2009 03:00:00,15.10,100.00,0.00,-0.00,0.00,318.78,1.60,20,101693  
28/10/2009 04:00:00,15.05,100.00,0.00,-0.00,0.00,319.87,1.25,6,101713  
28/10/2009 05:00:00,15.00,100.00,0.00,-0.00,0.00,320.95,0.90,352,101733  
28/10/2009 06:00:00,15.05,99.04,0.00,-0.00,0.00,320.68,0.94,333,101770  
28/10/2009 07:00:00,15.10,98.09,29.00,126.49,21.00,320.42,0.99,315,101806  
28/10/2009 08:00:00,15.15,97.13,142.00,235.99,91.00,320.15,1.03,297,101843  
28/10/2009 09:00:00,15.47,91.52,302.00,568.58,107.00,319.48,1.20,298,101846  
28/10/2009 10:00:00,15.78,85.92,317.00,266.58,201.00,318.82,1.37,298,101850  
28/10/2009 11:00:00,16.10,80.31,250.00,53.46,224.00,318.15,1.53,299,101853  
28/10/2009 12:00:00,16.11,79.03,273.00,77.06,235.00,317.05,1.46,286,101823  
28/10/2009 13:00:00,16.13,77.76,356.00,340.65,201.00,315.95,1.38,274,101793  
28/10/2009 14:00:00,16.14,76.48,300.00,392.43,153.00,314.85,1.31,261,101763  
28/10/2009 15:00:00,16.00,82.35,153.00,143.78,116.00,315.47,1.94,259,101760  
28/10/2009 16:00:00,15.86,88.22,61.00,152.81,44.00,316.08,2.58,257,101756  
28/10/2009 17:00:00,15.72,94.09,0.00,-0.00,0.00,316.70,3.21,256,101753  
28/10/2009 18:00:00,15.55,95.04,0.00,-0.00,0.00,316.53,3.14,261,101770  
28/10/2009 19:00:00,15.39,95.99,0.00,-0.00,0.00,316.37,3.06,267,101786  
28/10/2009 20:00:00,15.23,96.94,0.00,-0.00,0.00,316.20,2.98,273,101803  
28/10/2009 21:00:00,15.15,96.82,0.00,-0.00,0.00,315.08,2.92,275,101803  
28/10/2009 22:00:00,15.07,96.69,0.00,-0.00,0.00,313.97,2.87,277,101803  
28/10/2009 23:00:00,14.99,96.57,0.00,-0.00,0.00,312.85,2.81,280,101803  
29/10/2009 00:00:00,14.70,96.74,0.00,-0.00,0.00,310.98,2.77,276,101786  
29/10/2009 01:00:00,14.41,96.90,0.00,-0.00,0.00,309.12,2.72,272,101770  
29/10/2009 02:00:00,14.12,97.07,0.00,-0.00,0.00,307.25,2.68,268,101753  
29/10/2009 03:00:00,14.03,96.91,0.00,-0.00,0.00,306.80,2.74,268,101750  
29/10/2009 04:00:00,13.94,96.76,0.00,-0.00,0.00,306.35,2.80,268,101746  
29/10/2009 05:00:00,13.85,96.60,0.00,-0.00,0.00,305.90,2.86,268,101743

29/10/2009 06:00:00,14.00,92.43,0.00,-0.00,0.00,305.75,3.22,269,101763  
29/10/2009 07:00:00,14.16,88.27,21.00,50.96,18.00,305.60,3.58,270,101783  
29/10/2009 08:00:00,14.31,84.10,150.00,316.76,83.00,305.45,3.94,272,101803  
29/10/2009 09:00:00,14.87,79.07,304.00,618.04,95.00,307.73,3.61,273,101810  
29/10/2009 10:00:00,15.44,74.03,408.00,690.40,111.00,310.02,3.27,274,101816  
29/10/2009 11:00:00,16.00,69.00,470.00,737.56,115.00,312.30,2.94,275,101823  
29/10/2009 12:00:00,16.22,68.36,480.00,756.06,111.00,311.95,2.96,271,101810  
29/10/2009 13:00:00,16.45,67.71,441.00,757.85,100.00,311.60,2.97,268,101796  
29/10/2009 14:00:00,16.67,67.07,337.00,627.68,105.00,311.25,2.99,264,101783  
29/10/2009 15:00:00,16.43,74.15,209.00,502.97,82.00,312.03,2.96,263,101806  
29/10/2009 16:00:00,16.19,81.23,69.00,290.82,38.00,312.82,2.93,261,101830  
29/10/2009 17:00:00,15.96,88.31,0.00,-0.00,0.00,313.60,2.90,259,101853  
29/10/2009 18:00:00,15.71,89.85,0.00,-0.00,0.00,313.53,2.83,263,101883  
29/10/2009 19:00:00,15.46,91.38,0.00,-0.00,0.00,313.47,2.76,266,101913  
29/10/2009 20:00:00,15.21,92.92,0.00,-0.00,0.00,313.40,2.69,270,101943  
29/10/2009 21:00:00,15.07,93.91,0.00,-0.00,0.00,313.20,2.61,270,101956  
29/10/2009 22:00:00,14.93,94.90,0.00,-0.00,0.00,313.00,2.52,270,101969  
29/10/2009 23:00:00,14.79,95.89,0.00,-0.00,0.00,312.80,2.44,270,101983  
30/10/2009 00:00:00,14.56,95.16,0.00,-0.00,0.00,312.43,2.40,268,101963  
30/10/2009 01:00:00,14.33,94.42,0.00,-0.00,0.00,312.07,2.37,267,101943  
30/10/2009 02:00:00,14.10,93.69,0.00,-0.00,0.00,311.70,2.33,265,101923  
30/10/2009 03:00:00,13.96,94.28,0.00,-0.00,0.00,311.60,2.35,266,101913  
30/10/2009 04:00:00,13.82,94.87,0.00,-0.00,0.00,311.50,2.38,268,101903  
30/10/2009 05:00:00,13.68,95.46,0.00,-0.00,0.00,311.40,2.40,269,101893  
30/10/2009 06:00:00,13.81,91.49,0.00,-0.00,0.00,312.02,2.69,274,101909  
30/10/2009 07:00:00,13.93,87.53,13.00,0.00,13.00,312.63,2.99,278,101926  
30/10/2009 08:00:00,14.06,83.56,160.00,430.11,71.00,313.25,3.28,283,101943  
30/10/2009 09:00:00,14.61,78.79,236.00,260.96,149.00,314.40,2.85,292,101936  
30/10/2009 10:00:00,15.17,74.02,347.00,404.45,175.00,315.55,2.41,301,101929  
30/10/2009 11:00:00,15.72,69.25,450.00,661.35,135.00,316.70,1.97,311,101923  
30/10/2009 12:00:00,15.94,69.75,484.00,805.36,95.00,319.00,1.76,313,101899  
30/10/2009 13:00:00,16.16,70.24,316.00,235.98,211.00,321.30,1.54,316,101876  
30/10/2009 14:00:00,16.38,70.74,185.00,57.58,164.00,323.60,1.32,319,101853  
30/10/2009 15:00:00,16.18,78.12,97.00,20.18,92.00,329.77,1.08,299,101873  
30/10/2009 16:00:00,15.99,85.51,22.00,0.00,22.00,335.93,0.84,278,101893  
30/10/2009 17:00:00,15.80,92.89,0.00,-0.00,0.00,342.10,0.59,258,101913  
30/10/2009 18:00:00,15.68,94.93,0.00,-0.00,0.00,343.08,0.76,298,101939  
30/10/2009 19:00:00,15.56,96.97,0.00,-0.00,0.00,344.07,0.93,339,101966  
30/10/2009 20:00:00,15.44,99.01,0.00,-0.00,0.00,345.05,1.10,19,101993  
30/10/2009 21:00:00,15.56,99.34,0.00,-0.00,0.00,341.65,1.92,39,102016  
30/10/2009 22:00:00,15.68,99.67,0.00,-0.00,0.00,338.25,2.73,59,102039  
30/10/2009 23:00:00,15.80,100.00,0.00,-0.00,0.00,334.85,3.54,79,102063  
31/10/2009 00:00:00,15.87,100.00,0.00,-0.00,0.00,344.43,3.35,70,102069  
31/10/2009 01:00:00,15.94,100.00,0.00,-0.00,0.00,354.02,3.16,60,102076  
31/10/2009 02:00:00,16.01,100.00,0.00,-0.00,0.00,363.60,2.97,50,102083  
31/10/2009 03:00:00,16.13,100.00,0.00,-0.00,0.00,367.08,2.84,55,102109  
31/10/2009 04:00:00,16.25,100.00,0.00,-0.00,0.00,370.57,2.72,59,102136  
31/10/2009 05:00:00,16.37,100.00,0.00,-0.00,0.00,374.05,2.59,64,102162  
31/10/2009 06:00:00,16.46,100.00,0.00,-0.00,0.00,374.08,2.87,66,102202  
31/10/2009 07:00:00,16.56,100.00,8.00,0.00,8.00,374.12,3.14,67,102242

31/10/2009 08:00:00,16.65,100.00,92.00,54.36,81.00,374.15,3.42,69,102282  
31/10/2009 09:00:00,16.64,96.93,57.00,0.00,57.00,371.63,3.79,74,102292  
31/10/2009 10:00:00,16.63,93.85,72.00,0.00,72.00,369.12,4.16,78,102302  
31/10/2009 11:00:00,16.62,90.78,135.00,0.00,135.00,366.60,4.52,83,102312  
31/10/2009 12:00:00,16.68,88.89,119.00,0.00,119.00,364.78,4.13,78,102299  
31/10/2009 13:00:00,16.75,87.00,85.00,0.00,85.00,362.97,3.73,73,102286  
31/10/2009 14:00:00,16.81,85.11,101.00,0.00,101.00,361.15,3.34,68,102272  
31/10/2009 15:00:00,16.52,90.07,21.00,0.00,21.00,360.00,2.88,60,102282  
31/10/2009 16:00:00,16.37,99.00,31.00,10.25,30.00,363.74,2.31,53,102292  
31/10/2009 17:00:00,16.21,99.00,0.00,-0.00,0.00,359.86,2.34,45,102302  
31/10/2009 18:00:00,16.05,99.85,0.00,-0.00,0.00,355.98,2.38,37,102286  
31/10/2009 19:00:00,15.88,99.56,0.00,-0.00,0.00,352.10,2.41,30,102269  
31/10/2009 20:00:00,15.72,99.27,0.00,-0.00,0.00,348.22,2.45,22,102252  
31/10/2009 21:00:00,15.56,98.98,0.00,-0.00,0.00,344.34,2.48,19,102199  
31/10/2009 22:00:00,15.39,98.69,0.00,-0.00,0.00,340.46,2.52,16,102146  
31/10/2009 23:00:00,15.23,98.40,0.00,-0.00,0.00,336.58,2.55,14,102093  
01/11/2015 00:00:00,15.06,98.11,0.00,-0.00,0.00,332.70,2.59,301,102332  
01/11/2015 01:00:00,14.90,97.82,0.00,-0.00,0.00,328.82,2.62,293,102352  
01/11/2015 02:00:00,14.74,97.53,0.00,-0.00,0.00,324.94,2.65,285,102372  
01/11/2015 03:00:00,14.57,97.24,0.00,-0.00,0.00,321.06,2.69,287,102389  
01/11/2015 04:00:00,14.41,96.95,0.00,-0.00,0.00,317.18,2.72,289,102405  
01/11/2015 05:00:00,14.25,96.66,0.00,-0.00,0.00,313.30,2.76,290,102422  
01/11/2015 06:00:00,14.08,96.37,0.00,-0.00,0.00,309.42,2.79,292,102462  
01/11/2015 07:00:00,13.92,96.08,3.00,0.00,3.00,305.53,2.83,293,102502  
01/11/2015 08:00:00,14.03,83.82,144.00,348.86,75.00,309.75,3.13,294,102542  
01/11/2015 09:00:00,14.56,78.63,301.00,694.70,76.00,309.13,3.26,297,102532  
01/11/2015 10:00:00,15.09,73.43,402.00,743.69,93.00,308.52,3.39,299,102522  
01/11/2015 11:00:00,15.61,68.24,462.00,776.20,100.00,307.90,3.52,301,102512  
01/11/2015 12:00:00,16.02,64.47,467.00,767.34,104.00,305.35,3.43,296,102472  
01/11/2015 13:00:00,16.42,60.71,434.00,811.31,81.00,302.80,3.33,292,102432  
01/11/2015 14:00:00,16.82,56.94,334.00,701.27,85.00,300.25,3.24,287,102392  
01/11/2015 15:00:00,16.68,60.69,210.00,624.93,61.00,301.53,3.49,288,102402  
01/11/2015 16:00:00,16.54,64.45,65.00,408.05,27.00,302.82,3.75,289,102412  
01/11/2015 17:00:00,16.40,68.20,0.00,-0.00,0.00,304.10,4.00,289,102422  
01/11/2015 18:00:00,16.32,68.66,0.00,-0.00,0.00,303.87,4.10,294,102429  
01/11/2015 19:00:00,16.24,69.11,0.00,-0.00,0.00,303.63,4.19,298,102435  
01/11/2015 20:00:00,16.15,69.57,0.00,-0.00,0.00,303.40,4.29,303,102442  
01/11/2015 21:00:00,15.95,70.56,0.00,-0.00,0.00,302.25,4.09,304,102432  
01/11/2015 22:00:00,15.76,71.54,0.00,-0.00,0.00,301.10,3.89,306,102422  
01/11/2015 23:00:00,15.56,72.53,0.00,-0.00,0.00,299.95,3.70,307,102412  
02/11/2015 00:00:00,15.19,76.75,0.00,-0.00,0.00,299.72,3.54,301,102322  
02/11/2015 01:00:00,14.82,80.98,0.00,-0.00,0.00,299.48,3.38,295,102232  
02/11/2015 02:00:00,14.45,85.20,0.00,-0.00,0.00,299.25,3.23,290,102142  
02/11/2015 03:00:00,14.32,85.96,0.00,-0.00,0.00,298.10,3.19,295,102126  
02/11/2015 04:00:00,14.20,86.73,0.00,-0.00,0.00,296.95,3.14,301,102109  
02/11/2015 05:00:00,14.07,87.49,0.00,-0.00,0.00,295.80,3.10,307,102093  
02/11/2015 06:00:00,14.25,82.70,0.00,-0.00,0.00,296.75,3.37,310,102102  
02/11/2015 07:00:00,14.43,77.91,2.00,0.00,2.00,297.70,3.65,312,102112  
02/11/2015 08:00:00,14.60,73.12,139.00,341.55,73.00,298.65,3.92,315,102122  
02/11/2015 09:00:00,15.03,69.81,296.00,692.44,75.00,301.72,4.43,314,102063

02/11/2015 10:00:00,15.46,66.50,397.00,740.29,93.00,304.78,4.94,314,102003  
02/11/2015 11:00:00,15.89,63.19,461.00,799.62,92.00,307.85,5.45,314,101943  
02/11/2015 12:00:00,16.32,62.48,469.00,805.28,92.00,309.98,5.22,310,101823  
02/11/2015 13:00:00,16.75,61.78,429.00,808.82,81.00,312.12,4.99,307,101703  
02/11/2015 14:00:00,17.17,61.07,331.00,710.71,82.00,314.25,4.76,304,101583  
02/11/2015 15:00:00,16.98,63.12,202.00,585.74,65.00,326.97,4.70,306,101553  
02/11/2015 16:00:00,16.79,65.18,59.00,337.82,29.00,339.68,4.64,308,101523  
02/11/2015 17:00:00,16.60,67.23,0.00,-0.00,0.00,352.40,4.58,310,101493  
02/11/2015 18:00:00,16.14,69.34,0.00,-0.00,0.00,358.55,4.62,312,101487  
02/11/2015 19:00:00,15.68,71.46,0.00,-0.00,0.00,364.70,4.66,313,101480  
02/11/2015 20:00:00,15.21,73.57,0.00,-0.00,0.00,370.85,4.70,315,101473  
02/11/2015 21:00:00,15.18,76.03,0.00,-0.00,0.00,365.95,4.68,315,101417  
02/11/2015 22:00:00,15.15,78.48,0.00,-0.00,0.00,361.05,4.65,316,101360  
02/11/2015 23:00:00,15.12,80.94,0.00,-0.00,0.00,356.15,4.62,316,101304  
03/11/2015 00:00:00,15.43,84.44,0.00,-0.00,0.00,355.40,4.78,317,101227  
03/11/2015 01:00:00,15.74,87.95,0.00,-0.00,0.00,354.65,4.94,318,101151  
03/11/2015 02:00:00,16.06,91.45,0.00,-0.00,0.00,353.90,5.10,318,101074  
03/11/2015 03:00:00,15.96,93.12,0.00,-0.00,0.00,347.45,4.97,322,101037  
03/11/2015 04:00:00,15.86,94.78,0.00,-0.00,0.00,341.00,4.84,327,101001  
03/11/2015 05:00:00,15.76,96.45,0.00,-0.00,0.00,334.55,4.70,331,100964  
03/11/2015 06:00:00,15.86,94.57,0.00,-0.00,0.00,330.55,4.80,333,100991  
03/11/2015 07:00:00,15.96,92.68,0.00,0.00,0.00,326.55,4.89,336,101017  
03/11/2015 08:00:00,16.06,90.80,99.00,100.68,80.00,322.55,4.98,338,101044  
03/11/2015 09:00:00,16.06,83.41,291.00,686.88,75.00,327.82,5.25,341,101031  
03/11/2015 10:00:00,16.06,76.01,397.00,776.18,82.00,333.08,5.52,343,101017  
03/11/2015 11:00:00,16.06,68.62,455.00,797.19,91.00,338.35,5.79,346,101004  
03/11/2015 12:00:00,15.81,74.16,201.00,19.43,192.00,344.98,5.60,349,101014  
03/11/2015 13:00:00,15.56,79.69,259.00,124.57,206.00,351.62,5.42,352,101024  
03/11/2015 14:00:00,15.30,85.23,90.00,0.00,90.00,358.25,5.23,355,101034  
03/11/2015 15:00:00,15.01,89.22,96.00,26.15,90.00,359.75,5.09,352,101031  
03/11/2015 16:00:00,14.72,93.20,5.00,0.00,5.00,361.25,4.95,348,101027  
03/11/2015 17:00:00,14.43,97.19,0.00,-0.00,0.00,362.75,4.81,345,101024  
03/11/2015 18:00:00,14.56,97.52,0.00,-0.00,0.00,360.27,4.30,356,101034  
03/11/2015 19:00:00,14.68,97.85,0.00,-0.00,0.00,357.78,3.78,6,101044  
03/11/2015 20:00:00,14.80,98.18,0.00,-0.00,0.00,355.30,3.27,17,101054  
03/11/2015 21:00:00,14.93,97.95,0.00,-0.00,0.00,351.68,3.53,26,101077  
03/11/2015 22:00:00,15.06,97.72,0.00,-0.00,0.00,348.07,3.78,34,101101  
03/11/2015 23:00:00,15.19,97.49,0.00,-0.00,0.00,344.45,4.04,42,101124  
04/11/2015 00:00:00,15.22,96.56,0.00,-0.00,0.00,339.98,4.31,44,101181  
04/11/2015 01:00:00,15.25,95.62,0.00,-0.00,0.00,335.52,4.58,45,101237  
04/11/2015 02:00:00,15.28,94.69,0.00,-0.00,0.00,331.05,4.86,47,101294  
04/11/2015 03:00:00,15.13,95.00,0.00,-0.00,0.00,331.68,4.49,46,101340  
04/11/2015 04:00:00,14.99,95.30,0.00,-0.00,0.00,332.32,4.13,45,101387  
04/11/2015 05:00:00,14.85,95.61,0.00,-0.00,0.00,332.95,3.77,45,101434  
04/11/2015 06:00:00,14.98,95.29,0.00,-0.00,0.00,333.12,3.54,41,101487  
04/11/2015 07:00:00,15.11,94.98,0.00,0.00,0.00,333.28,3.31,37,101540  
04/11/2015 08:00:00,15.24,94.66,70.00,21.72,66.00,333.45,3.09,34,101593  
04/11/2015 09:00:00,15.40,93.39,88.00,0.00,88.00,333.02,3.67,29,101600  
04/11/2015 10:00:00,15.56,92.13,159.00,12.47,154.00,332.58,4.26,24,101607  
04/11/2015 11:00:00,15.72,90.86,243.00,66.40,213.00,332.15,4.84,20,101613

04/11/2015 12:00:00,15.84,88.67,218.00,34.90,202.00,329.35,4.58,13,101580  
04/11/2015 13:00:00,15.95,86.49,284.00,192.51,203.00,326.55,4.32,6,101547  
04/11/2015 14:00:00,16.07,84.30,162.00,41.04,148.00,323.75,4.06,359,101513  
04/11/2015 15:00:00,15.93,86.80,153.00,248.83,97.00,327.62,3.39,353,101523  
04/11/2015 16:00:00,15.79,89.31,30.00,37.30,27.00,331.48,2.73,346,101533  
04/11/2015 17:00:00,15.64,91.81,0.00,-0.00,0.00,335.35,2.07,340,101543  
04/11/2015 18:00:00,15.59,92.28,0.00,-0.00,0.00,335.35,2.32,341,101557  
04/11/2015 19:00:00,15.54,92.76,0.00,-0.00,0.00,335.35,2.57,342,101570  
04/11/2015 20:00:00,15.48,93.23,0.00,-0.00,0.00,335.35,2.81,343,101583  
04/11/2015 21:00:00,15.41,94.27,0.00,-0.00,0.00,339.30,3.45,349,101563  
04/11/2015 22:00:00,15.33,95.30,0.00,-0.00,0.00,343.25,4.08,354,101543  
04/11/2015 23:00:00,15.26,96.34,0.00,-0.00,0.00,347.20,4.72,359,101523  
05/11/2015 00:00:00,15.45,94.88,0.00,-0.00,0.00,347.20,4.53,359,101527  
05/11/2015 01:00:00,15.63,93.42,0.00,-0.00,0.00,347.20,4.34,359,101530  
05/11/2015 02:00:00,15.82,91.96,0.00,-0.00,0.00,347.20,4.15,359,101533  
05/11/2015 03:00:00,15.70,94.64,0.00,-0.00,0.00,343.35,3.84,1,101530  
05/11/2015 04:00:00,15.58,97.32,0.00,-0.00,0.00,339.50,3.54,4,101527  
05/11/2015 05:00:00,15.47,100.00,0.00,-0.00,0.00,335.65,3.23,6,101523  
05/11/2015 06:00:00,15.50,100.00,0.00,-0.00,0.00,336.17,3.27,6,101547  
05/11/2015 07:00:00,15.54,100.00,0.00,0.00,0.00,336.68,3.32,6,101570  
05/11/2015 08:00:00,15.58,100.00,107.00,172.49,76.00,337.20,3.37,6,101593  
05/11/2015 09:00:00,15.72,97.56,165.00,85.20,139.00,345.35,3.50,8,101593  
05/11/2015 10:00:00,15.85,95.11,74.00,0.00,74.00,353.50,3.64,11,101593  
05/11/2015 11:00:00,15.98,92.67,56.00,0.00,56.00,361.65,3.78,13,101593  
05/11/2015 12:00:00,15.95,93.58,40.00,0.00,40.00,365.08,4.57,12,101553  
05/11/2015 13:00:00,15.92,94.49,148.00,4.81,146.00,368.52,5.35,10,101513  
05/11/2015 14:00:00,15.89,95.40,39.00,0.00,39.00,371.95,6.14,9,101473  
05/11/2015 15:00:00,15.65,96.22,90.00,27.18,84.00,374.13,6.14,15,101497  
05/11/2015 16:00:00,15.41,97.04,11.00,0.00,11.00,376.32,6.15,21,101520  
05/11/2015 17:00:00,15.17,97.86,0.00,-0.00,0.00,378.50,6.15,26,101543  
05/11/2015 18:00:00,15.21,98.42,0.00,-0.00,0.00,382.33,5.85,30,101593  
05/11/2015 19:00:00,15.25,98.98,0.00,-0.00,0.00,386.17,5.55,34,101643  
05/11/2015 20:00:00,15.29,99.54,0.00,-0.00,0.00,390.00,5.26,38,101693  
05/11/2015 21:00:00,15.32,99.19,0.00,-0.00,0.00,391.37,4.65,40,101733  
05/11/2015 22:00:00,15.36,98.83,0.00,-0.00,0.00,392.73,4.05,42,101773  
05/11/2015 23:00:00,15.39,98.48,0.00,-0.00,0.00,394.10,3.45,44,101813  
06/11/2015 00:00:00,15.53,98.10,0.00,-0.00,0.00,392.02,3.55,40,101816  
06/11/2015 01:00:00,15.67,97.73,0.00,-0.00,0.00,389.93,3.66,36,101820  
06/11/2015 02:00:00,15.81,97.35,0.00,-0.00,0.00,387.85,3.77,33,101823  
06/11/2015 03:00:00,15.95,97.42,0.00,-0.00,0.00,384.68,4.10,32,101843  
06/11/2015 04:00:00,16.09,97.49,0.00,-0.00,0.00,381.52,4.43,32,101863  
06/11/2015 05:00:00,16.23,97.56,0.00,-0.00,0.00,378.35,4.76,32,101883  
06/11/2015 06:00:00,16.35,96.31,0.00,-0.00,0.00,372.83,4.62,32,101929  
06/11/2015 07:00:00,16.48,95.05,0.00,0.00,0.00,367.32,4.48,32,101976  
06/11/2015 08:00:00,16.61,93.80,77.00,45.65,69.00,361.80,4.34,32,102023  
06/11/2015 09:00:00,16.67,93.13,222.00,312.77,128.00,362.62,4.65,33,102049  
06/11/2015 10:00:00,16.72,92.47,105.00,0.00,105.00,363.43,4.96,35,102076  
06/11/2015 11:00:00,16.77,91.80,99.00,0.00,99.00,364.25,5.27,36,102102  
06/11/2015 12:00:00,16.69,92.17,65.00,0.00,65.00,371.13,5.05,35,102109  
06/11/2015 13:00:00,16.60,92.54,50.00,0.00,50.00,378.02,4.84,33,102116

06/11/2015 14:00:00,16.51,92.91,107.00,3.01,106.00,384.90,4.62,31,102122  
06/11/2015 15:00:00,16.27,92.85,66.00,4.62,65.00,378.35,4.29,33,102156  
06/11/2015 16:00:00,16.04,92.78,28.00,41.44,25.00,371.80,3.97,35,102189  
06/11/2015 17:00:00,15.80,92.72,0.00,-0.00,0.00,365.25,3.64,38,102222  
06/11/2015 18:00:00,15.66,93.20,0.00,-0.00,0.00,359.87,3.47,32,102256  
06/11/2015 19:00:00,15.52,93.68,0.00,-0.00,0.00,354.48,3.30,27,102289  
06/11/2015 20:00:00,15.38,94.16,0.00,-0.00,0.00,349.10,3.13,21,102322  
06/11/2015 21:00:00,15.30,94.61,0.00,-0.00,0.00,347.15,3.18,15,102342  
06/11/2015 22:00:00,15.21,95.06,0.00,-0.00,0.00,345.20,3.23,9,102362  
06/11/2015 23:00:00,15.13,95.51,0.00,-0.00,0.00,343.25,3.28,3,102382  
07/11/2015 00:00:00,15.21,96.26,0.00,-0.00,0.00,341.52,2.85,352,102332  
07/11/2015 01:00:00,15.28,97.00,0.00,-0.00,0.00,339.78,2.41,341,102282  
07/11/2015 02:00:00,15.36,97.75,0.00,-0.00,0.00,338.05,1.97,331,102232  
07/11/2015 03:00:00,15.38,97.42,0.00,-0.00,0.00,336.18,2.34,334,102209  
07/11/2015 04:00:00,15.41,97.10,0.00,-0.00,0.00,334.32,2.71,336,102186  
07/11/2015 05:00:00,15.44,96.77,0.00,-0.00,0.00,332.45,3.08,339,102162  
07/11/2015 06:00:00,15.59,95.74,0.00,-0.00,0.00,331.03,3.67,351,102192  
07/11/2015 07:00:00,15.74,94.70,0.00,0.00,0.00,329.62,4.27,3,102222  
07/11/2015 08:00:00,15.89,93.67,135.00,497.59,50.00,328.20,4.87,14,102252  
07/11/2015 09:00:00,16.09,89.60,38.00,0.00,38.00,329.02,4.80,28,102262  
07/11/2015 10:00:00,16.28,85.54,61.00,0.00,61.00,329.83,4.74,41,102272  
07/11/2015 11:00:00,16.47,81.47,322.00,267.38,205.00,330.65,4.68,54,102282  
07/11/2015 12:00:00,16.58,81.47,243.00,74.25,210.00,330.97,4.55,61,102302  
07/11/2015 13:00:00,16.68,81.47,358.00,528.24,143.00,331.28,4.42,69,102322  
07/11/2015 14:00:00,16.78,81.47,283.00,524.58,111.00,331.60,4.29,76,102342  
07/11/2015 15:00:00,16.37,84.41,151.00,310.69,85.00,332.80,3.61,84,102389  
07/11/2015 16:00:00,15.96,87.34,19.00,14.59,18.00,334.00,2.93,92,102435  
07/11/2015 17:00:00,15.55,90.28,0.00,-0.00,0.00,335.20,2.25,100,102482  
07/11/2015 18:00:00,15.50,90.68,0.00,-0.00,0.00,334.72,2.00,90,102542  
07/11/2015 19:00:00,15.45,91.09,0.00,-0.00,0.00,334.23,1.76,79,102602  
07/11/2015 20:00:00,15.40,91.49,0.00,-0.00,0.00,333.75,1.52,69,102662  
07/11/2015 21:00:00,15.19,92.71,0.00,-0.00,0.00,332.77,1.42,25,102672  
07/11/2015 22:00:00,14.99,93.94,0.00,-0.00,0.00,331.78,1.31,341,102682  
07/11/2015 23:00:00,14.78,95.16,0.00,-0.00,0.00,330.80,1.21,297,102692  
08/11/2015 00:00:00,14.71,96.77,0.00,-0.00,0.00,326.22,1.82,298,102618  
08/11/2015 01:00:00,14.63,98.39,0.00,-0.00,0.00,321.63,2.42,299,102545  
08/11/2015 02:00:00,14.56,100.00,0.00,-0.00,0.00,317.05,3.02,300,102472  
08/11/2015 03:00:00,14.42,100.00,0.00,-0.00,0.00,317.40,3.10,305,102442  
08/11/2015 04:00:00,14.28,100.00,0.00,-0.00,0.00,317.75,3.18,310,102412  
08/11/2015 05:00:00,14.14,100.00,0.00,-0.00,0.00,318.10,3.26,316,102382  
08/11/2015 06:00:00,14.43,99.10,0.00,-0.00,0.00,317.48,3.50,319,102365  
08/11/2015 07:00:00,14.72,98.21,0.00,0.00,0.00,316.87,3.75,322,102349  
08/11/2015 08:00:00,15.01,97.31,34.00,0.00,34.00,316.25,4.00,326,102332  
08/11/2015 09:00:00,15.55,90.87,126.00,27.45,118.00,317.30,4.28,335,102279  
08/11/2015 10:00:00,16.09,84.44,230.00,122.93,183.00,318.35,4.55,344,102226  
08/11/2015 11:00:00,16.63,78.00,360.00,427.29,175.00,319.40,4.83,353,102172  
08/11/2015 12:00:00,16.70,76.51,443.00,829.80,78.00,322.05,4.94,2,102132  
08/11/2015 13:00:00,16.77,75.02,399.00,804.82,75.00,324.70,5.06,11,102093  
08/11/2015 14:00:00,16.84,73.53,301.00,689.07,78.00,327.35,5.17,20,102053  
08/11/2015 15:00:00,16.58,77.58,176.00,566.22,58.00,329.08,4.64,26,102073

08/11/2015 16:00:00,16.31,81.64,37.00,247.10,21.00,330.82,4.11,33,102093  
08/11/2015 17:00:00,16.04,85.69,0.00,-0.00,0.00,332.55,3.59,39,102112  
08/11/2015 18:00:00,15.97,88.17,0.00,-0.00,0.00,332.90,3.81,49,102176  
08/11/2015 19:00:00,15.90,90.66,0.00,-0.00,0.00,333.25,4.03,59,102239  
08/11/2015 20:00:00,15.82,93.14,0.00,-0.00,0.00,333.60,4.25,69,102302  
08/11/2015 21:00:00,15.69,93.79,0.00,-0.00,0.00,333.95,3.94,75,102345  
08/11/2015 22:00:00,15.55,94.44,0.00,-0.00,0.00,334.30,3.63,81,102389  
08/11/2015 23:00:00,15.41,95.09,0.00,-0.00,0.00,334.65,3.32,88,102432  
09/11/2015 00:00:00,15.44,93.68,0.00,-0.00,0.00,333.32,3.37,83,102499  
09/11/2015 01:00:00,15.46,92.26,0.00,-0.00,0.00,331.98,3.43,78,102565  
09/11/2015 02:00:00,15.49,90.85,0.00,-0.00,0.00,330.65,3.48,74,102632  
09/11/2015 03:00:00,15.33,92.18,0.00,-0.00,0.00,329.65,3.43,67,102655  
09/11/2015 04:00:00,15.18,93.51,0.00,-0.00,0.00,328.65,3.38,60,102678  
09/11/2015 05:00:00,15.02,94.84,0.00,-0.00,0.00,327.65,3.34,54,102702  
09/11/2015 06:00:00,15.09,93.28,0.00,-0.00,0.00,325.98,3.70,57,102778  
09/11/2015 07:00:00,15.15,91.71,0.00,0.00,0.00,324.32,4.06,61,102855  
09/11/2015 08:00:00,15.21,90.15,86.00,117.25,67.00,322.65,4.43,65,102931  
09/11/2015 09:00:00,15.23,84.72,229.00,421.74,108.00,328.28,4.37,69,102935  
09/11/2015 10:00:00,15.25,79.30,306.00,405.03,153.00,333.92,4.32,74,102938  
09/11/2015 11:00:00,15.26,73.87,378.00,527.57,152.00,339.55,4.26,78,102941  
09/11/2015 12:00:00,15.41,74.24,396.00,585.72,141.00,336.75,4.49,71,102915  
09/11/2015 13:00:00,15.56,74.60,369.00,635.35,116.00,333.95,4.71,64,102888  
09/11/2015 14:00:00,15.70,74.97,277.00,541.56,104.00,331.15,4.94,57,102861  
09/11/2015 15:00:00,15.38,80.62,159.00,425.52,72.00,336.58,4.13,57,102871  
09/11/2015 16:00:00,15.06,86.28,26.00,81.87,21.00,342.02,3.33,57,102881  
09/11/2015 17:00:00,14.74,91.93,0.00,-0.00,0.00,347.45,2.52,58,102891  
09/11/2015 18:00:00,14.57,93.14,0.00,-0.00,0.00,357.43,2.61,56,102908  
09/11/2015 19:00:00,14.40,94.36,0.00,-0.00,0.00,367.42,2.70,54,102925  
09/11/2015 20:00:00,14.23,95.57,0.00,-0.00,0.00,377.40,2.79,51,102941  
09/11/2015 21:00:00,14.27,95.38,0.00,-0.00,0.00,375.77,3.00,50,102931  
09/11/2015 22:00:00,14.31,95.19,0.00,-0.00,0.00,374.13,3.22,48,102921  
09/11/2015 23:00:00,14.35,95.00,0.00,-0.00,0.00,372.50,3.43,47,102911  
10/11/2015 00:00:00,14.47,96.67,0.00,-0.00,0.00,349.68,3.14,42,102901  
10/11/2015 01:00:00,14.60,98.33,0.00,-0.00,0.00,326.87,2.85,37,102891  
10/11/2015 02:00:00,14.72,100.00,0.00,-0.00,0.00,304.05,2.55,32,102881  
10/11/2015 03:00:00,14.68,100.00,0.00,-0.00,0.00,304.28,2.47,28,102855  
10/11/2015 04:00:00,14.65,100.00,0.00,-0.00,0.00,304.52,2.40,24,102828  
10/11/2015 05:00:00,14.61,100.00,0.00,-0.00,0.00,304.75,2.32,19,102801  
10/11/2015 06:00:00,14.65,99.49,0.00,-0.00,0.00,305.48,2.60,7,102815  
10/11/2015 07:00:00,14.69,98.98,0.00,0.00,0.00,306.22,2.88,354,102828  
10/11/2015 08:00:00,14.72,98.47,102.00,247.30,63.00,306.95,3.16,342,102841  
10/11/2015 09:00:00,14.93,94.49,122.00,28.32,114.00,308.12,3.45,349,102818  
10/11/2015 10:00:00,15.13,90.52,107.00,0.00,107.00,309.28,3.74,356,102795  
10/11/2015 11:00:00,15.33,86.54,131.00,0.00,131.00,310.45,4.03,4,102771  
10/11/2015 12:00:00,14.84,87.23,129.00,0.00,129.00,330.90,3.85,13,102745  
10/11/2015 13:00:00,14.34,87.92,156.00,12.69,151.00,351.35,3.67,23,102718  
10/11/2015 14:00:00,13.84,88.61,94.00,0.00,94.00,371.80,3.49,33,102692  
10/11/2015 15:00:00,13.54,90.92,71.00,9.97,69.00,371.35,3.21,29,102682  
10/11/2015 16:00:00,13.24,93.24,3.00,0.00,3.00,370.90,2.94,26,102672  
10/11/2015 17:00:00,12.93,95.55,0.00,-0.00,0.00,370.45,2.66,23,102662

10/11/2015 18:00:00,12.90,96.56,0.00,-0.00,0.00,370.67,2.69,20,102665  
10/11/2015 19:00:00,12.87,97.56,0.00,-0.00,0.00,370.88,2.73,17,102668  
10/11/2015 20:00:00,12.84,98.57,0.00,-0.00,0.00,371.10,2.76,14,102672  
10/11/2015 21:00:00,12.87,98.92,0.00,-0.00,0.00,371.03,2.85,15,102662  
10/11/2015 22:00:00,12.90,99.26,0.00,-0.00,0.00,370.97,2.94,16,102652  
10/11/2015 23:00:00,12.93,99.61,0.00,-0.00,0.00,370.90,3.03,17,102642  
11/11/2015 00:00:00,12.84,99.74,0.00,-0.00,0.00,370.23,2.99,12,102628  
11/11/2015 01:00:00,12.76,99.87,0.00,-0.00,0.00,369.57,2.94,7,102615  
11/11/2015 02:00:00,12.67,100.00,0.00,-0.00,0.00,368.90,2.90,2,102602  
11/11/2015 03:00:00,12.61,100.00,0.00,-0.00,0.00,369.00,2.92,358,102575  
11/11/2015 04:00:00,12.55,100.00,0.00,-0.00,0.00,369.10,2.94,353,102548  
11/11/2015 05:00:00,12.49,100.00,0.00,-0.00,0.00,369.20,2.97,349,102522  
11/11/2015 06:00:00,12.67,100.00,0.00,-0.00,0.00,368.95,2.98,350,102528  
11/11/2015 07:00:00,12.84,100.00,0.00,0.00,0.00,368.70,2.99,352,102535  
11/11/2015 08:00:00,13.01,100.00,34.00,0.00,34.00,368.45,3.01,353,102542  
11/11/2015 09:00:00,13.34,97.86,42.00,0.00,42.00,368.05,3.41,2,102535  
11/11/2015 10:00:00,13.66,95.71,47.00,0.00,47.00,367.65,3.82,11,102528  
11/11/2015 11:00:00,13.98,93.57,77.00,0.00,77.00,367.25,4.22,21,102522  
11/11/2015 12:00:00,14.19,91.67,114.00,0.00,114.00,367.30,3.97,27,102492  
11/11/2015 13:00:00,14.39,89.77,152.00,10.26,148.00,367.35,3.71,34,102462  
11/11/2015 14:00:00,14.59,87.87,42.00,0.00,42.00,367.40,3.46,40,102432  
11/11/2015 15:00:00,14.44,90.87,68.00,10.16,66.00,366.32,3.11,47,102445  
11/11/2015 16:00:00,14.29,93.86,8.00,0.00,8.00,365.23,2.75,53,102459  
11/11/2015 17:00:00,14.14,96.86,0.00,-0.00,0.00,364.15,2.40,60,102472  
11/11/2015 18:00:00,14.12,97.44,0.00,-0.00,0.00,366.33,2.21,57,102489  
11/11/2015 19:00:00,14.10,98.02,0.00,-0.00,0.00,368.52,2.02,54,102505  
11/11/2015 20:00:00,14.07,98.60,0.00,-0.00,0.00,370.70,1.83,51,102522  
11/11/2015 21:00:00,14.06,98.91,0.00,-0.00,0.00,370.38,1.77,46,102528  
11/11/2015 22:00:00,14.05,99.22,0.00,-0.00,0.00,370.07,1.71,41,102535  
11/11/2015 23:00:00,14.04,99.53,0.00,-0.00,0.00,369.75,1.64,36,102542  
12/11/2015 00:00:00,13.94,99.69,0.00,-0.00,0.00,365.48,1.67,10,102535  
12/11/2015 01:00:00,13.85,99.84,0.00,-0.00,0.00,361.22,1.70,345,102528  
12/11/2015 02:00:00,13.75,100.00,0.00,-0.00,0.00,356.95,1.72,320,102522  
12/11/2015 03:00:00,13.60,100.00,0.00,-0.00,0.00,360.45,1.79,318,102509  
12/11/2015 04:00:00,13.45,100.00,0.00,-0.00,0.00,363.95,1.85,315,102495  
12/11/2015 05:00:00,13.30,100.00,0.00,-0.00,0.00,367.45,1.92,313,102482  
12/11/2015 06:00:00,13.26,99.57,0.00,-0.00,0.00,367.52,1.89,315,102482  
12/11/2015 07:00:00,13.23,99.14,0.00,-0.00,0.00,367.58,1.85,318,102482  
12/11/2015 08:00:00,13.20,98.71,74.00,87.17,61.00,367.65,1.82,320,102482  
12/11/2015 09:00:00,13.33,93.26,72.00,0.00,72.00,369.65,2.61,331,102445  
12/11/2015 10:00:00,13.45,87.81,115.00,2.74,114.00,371.65,3.40,342,102409  
12/11/2015 11:00:00,13.57,82.36,137.00,2.41,136.00,373.65,4.19,352,102372  
12/11/2015 12:00:00,13.91,82.53,292.00,210.77,203.00,362.53,4.15,7,102332  
12/11/2015 13:00:00,14.25,82.69,214.00,82.99,182.00,351.42,4.11,22,102292  
12/11/2015 14:00:00,14.59,82.86,105.00,3.25,104.00,340.30,4.07,37,102252  
12/11/2015 15:00:00,14.55,85.31,53.00,0.00,53.00,342.82,3.79,38,102246  
12/11/2015 16:00:00,14.51,87.77,19.00,59.27,16.00,345.33,3.51,39,102239  
12/11/2015 17:00:00,14.46,90.22,0.00,-0.00,0.00,347.85,3.23,40,102232  
12/11/2015 18:00:00,14.49,92.45,0.00,-0.00,0.00,345.98,3.25,41,102249  
12/11/2015 19:00:00,14.51,94.67,0.00,-0.00,0.00,344.12,3.27,42,102266



12/11/2015 20:00:00,14.53,96.90,0.00,-0.00,0.00,342.25,3.30,43,102282  
12/11/2015 21:00:00,14.57,96.94,0.00,-0.00,0.00,340.13,3.49,46,102296  
12/11/2015 22:00:00,14.61,96.97,0.00,-0.00,0.00,338.02,3.67,49,102309  
12/11/2015 23:00:00,14.65,97.01,0.00,-0.00,0.00,335.90,3.86,52,102322  
13/11/2015 00:00:00,14.72,96.82,0.00,-0.00,0.00,338.97,3.77,49,102352  
13/11/2015 01:00:00,14.80,96.64,0.00,-0.00,0.00,342.03,3.68,46,102382  
13/11/2015 02:00:00,14.87,96.45,0.00,-0.00,0.00,345.10,3.59,42,102412  
13/11/2015 03:00:00,14.80,96.41,0.00,-0.00,0.00,346.62,3.79,44,102425  
13/11/2015 04:00:00,14.74,96.38,0.00,-0.00,0.00,348.13,3.99,46,102439  
13/11/2015 05:00:00,14.68,96.34,0.00,-0.00,0.00,349.65,4.19,47,102452  
13/11/2015 06:00:00,14.63,95.20,0.00,-0.00,0.00,351.12,4.22,54,102519  
13/11/2015 07:00:00,14.58,94.05,0.00,-0.00,0.00,352.58,4.24,61,102585  
13/11/2015 08:00:00,14.53,92.91,57.00,27.60,53.00,354.05,4.26,68,102652  
13/11/2015 09:00:00,14.55,85.99,115.00,25.99,108.00,355.78,4.57,80,102712  
13/11/2015 10:00:00,14.56,79.08,207.00,102.79,170.00,357.52,4.88,92,102771  
13/11/2015 11:00:00,14.57,72.16,243.00,109.57,198.00,359.25,5.19,104,102831  
13/11/2015 12:00:00,14.49,70.18,257.00,129.17,203.00,350.57,5.01,108,102861  
13/11/2015 13:00:00,14.41,68.20,303.00,372.20,161.00,341.88,4.83,111,102891  
13/11/2015 14:00:00,14.33,66.22,256.00,500.64,104.00,333.20,4.65,115,102921  
13/11/2015 15:00:00,13.98,70.54,101.00,100.20,82.00,332.40,4.22,116,102974  
13/11/2015 16:00:00,13.64,74.86,16.00,42.26,14.00,331.60,3.78,118,103028  
13/11/2015 17:00:00,13.29,79.18,0.00,-0.00,0.00,330.80,3.35,119,103081  
13/11/2015 18:00:00,13.13,79.59,0.00,-0.00,0.00,332.23,3.18,118,103148  
13/11/2015 19:00:00,12.97,79.99,0.00,-0.00,0.00,333.67,3.01,118,103214  
13/11/2015 20:00:00,12.81,80.40,0.00,-0.00,0.00,335.10,2.84,117,103281  
13/11/2015 21:00:00,12.67,78.92,0.00,-0.00,0.00,335.73,2.65,117,103301  
13/11/2015 22:00:00,12.53,77.43,0.00,-0.00,0.00,336.37,2.46,118,103321  
13/11/2015 23:00:00,12.39,75.95,0.00,-0.00,0.00,337.00,2.28,119,103341  
14/11/2015 00:00:00,12.33,82.84,0.00,-0.00,0.00,333.32,2.10,98,103327  
14/11/2015 01:00:00,12.26,89.73,0.00,-0.00,0.00,329.63,1.93,78,103314  
14/11/2015 02:00:00,12.20,96.62,0.00,-0.00,0.00,325.95,1.75,57,103301  
14/11/2015 03:00:00,12.17,96.31,0.00,-0.00,0.00,320.92,1.86,55,103281  
14/11/2015 04:00:00,12.14,96.00,0.00,-0.00,0.00,315.88,1.96,53,103261  
14/11/2015 05:00:00,12.11,95.69,0.00,-0.00,0.00,310.85,2.07,51,103241  
14/11/2015 06:00:00,12.21,92.29,0.00,-0.00,0.00,309.62,2.34,35,103234  
14/11/2015 07:00:00,12.32,88.89,0.00,-0.00,0.00,308.38,2.62,19,103227  
14/11/2015 08:00:00,12.42,85.49,55.00,28.43,51.00,307.15,2.90,3,103221  
14/11/2015 09:00:00,12.70,80.23,150.00,113.20,120.00,306.60,3.62,9,103181  
14/11/2015 10:00:00,12.98,74.96,236.00,191.21,168.00,306.05,4.34,16,103141  
14/11/2015 11:00:00,13.25,69.70,259.00,150.09,198.00,305.50,5.06,22,103101  
14/11/2015 12:00:00,13.31,70.41,353.00,468.72,159.00,303.05,5.29,27,103021  
14/11/2015 13:00:00,13.36,71.12,160.00,18.54,153.00,300.60,5.52,33,102941  
14/11/2015 14:00:00,13.41,71.83,240.00,413.50,116.00,298.15,5.75,38,102861  
14/11/2015 15:00:00,13.47,75.45,77.00,32.23,71.00,298.08,5.37,42,102838  
14/11/2015 16:00:00,13.53,79.08,13.00,22.65,12.00,298.02,4.98,45,102815  
14/11/2015 17:00:00,13.58,82.70,0.00,-0.00,0.00,297.95,4.59,49,102791  
14/11/2015 18:00:00,13.64,85.58,0.00,-0.00,0.00,299.30,4.51,45,102768  
14/11/2015 19:00:00,13.70,88.47,0.00,-0.00,0.00,300.65,4.43,42,102745  
14/11/2015 20:00:00,13.75,91.35,0.00,-0.00,0.00,302.00,4.34,38,102722  
14/11/2015 21:00:00,13.76,93.23,0.00,-0.00,0.00,301.13,4.46,36,102672

14/11/2015 22:00:00,13.76,95.10,0.00,-0.00,0.00,300.27,4.58,34,102622  
14/11/2015 23:00:00,13.76,96.98,0.00,-0.00,0.00,299.40,4.70,32,102572  
15/11/2015 00:00:00,13.89,95.57,0.00,-0.00,0.00,301.50,4.68,32,102522  
15/11/2015 01:00:00,14.01,94.17,0.00,-0.00,0.00,303.60,4.66,32,102472  
15/11/2015 02:00:00,14.14,92.76,0.00,-0.00,0.00,305.70,4.63,32,102422  
15/11/2015 03:00:00,14.20,92.89,0.00,-0.00,0.00,304.85,4.34,32,102365  
15/11/2015 04:00:00,14.27,93.02,0.00,-0.00,0.00,304.00,4.05,33,102309  
15/11/2015 05:00:00,14.34,93.15,0.00,-0.00,0.00,303.15,3.75,33,102252  
15/11/2015 06:00:00,14.40,91.81,0.00,-0.00,0.00,303.77,3.86,31,102239  
15/11/2015 07:00:00,14.47,90.47,0.00,-0.00,0.00,304.38,3.97,29,102226  
15/11/2015 08:00:00,14.53,89.13,56.00,36.61,51.00,305.00,4.08,26,102212  
15/11/2015 09:00:00,14.61,84.02,230.00,613.55,70.00,308.27,4.53,33,102179  
15/11/2015 10:00:00,14.68,78.92,275.00,361.43,148.00,311.53,4.97,40,102146  
15/11/2015 11:00:00,14.75,73.81,335.00,435.09,160.00,314.80,5.42,47,102112  
15/11/2015 12:00:00,14.45,75.43,247.00,117.12,199.00,318.72,5.34,45,102083  
15/11/2015 13:00:00,14.15,77.06,208.00,85.64,176.00,322.63,5.26,44,102053  
15/11/2015 14:00:00,13.84,78.68,143.00,47.26,129.00,326.55,5.19,42,102023  
15/11/2015 15:00:00,13.59,83.91,94.00,93.00,77.00,332.63,4.87,40,101989  
15/11/2015 16:00:00,13.34,89.13,6.00,0.00,6.00,338.72,4.55,37,101956  
15/11/2015 17:00:00,13.09,94.36,0.00,-0.00,0.00,344.80,4.23,35,101923  
15/11/2015 18:00:00,13.19,94.37,0.00,-0.00,0.00,345.85,4.29,39,101929  
15/11/2015 19:00:00,13.29,94.37,0.00,-0.00,0.00,346.90,4.34,43,101936  
15/11/2015 20:00:00,13.39,94.38,0.00,-0.00,0.00,347.95,4.39,48,101943  
15/11/2015 21:00:00,13.51,91.77,0.00,-0.00,0.00,347.53,4.33,54,101933  
15/11/2015 22:00:00,13.63,89.16,0.00,-0.00,0.00,347.12,4.28,61,101923  
15/11/2015 23:00:00,13.75,86.55,0.00,-0.00,0.00,346.70,4.22,68,101913  
16/11/2015 00:00:00,14.02,85.97,0.00,-0.00,0.00,345.23,4.34,68,101889  
16/11/2015 01:00:00,14.29,85.39,0.00,-0.00,0.00,343.77,4.46,68,101866  
16/11/2015 02:00:00,14.56,84.81,0.00,-0.00,0.00,342.30,4.58,68,101843  
16/11/2015 03:00:00,14.61,85.96,0.00,-0.00,0.00,345.97,4.59,67,101826  
16/11/2015 04:00:00,14.67,87.11,0.00,-0.00,0.00,349.63,4.60,66,101810  
16/11/2015 05:00:00,14.73,88.26,0.00,-0.00,0.00,353.30,4.61,64,101793  
16/11/2015 06:00:00,14.81,88.36,0.00,-0.00,0.00,353.47,4.61,61,101806  
16/11/2015 07:00:00,14.90,88.45,0.00,-0.00,0.00,353.63,4.61,57,101820  
16/11/2015 08:00:00,14.99,88.55,57.00,52.84,50.00,353.80,4.61,54,101833  
16/11/2015 09:00:00,15.06,88.42,95.00,11.69,92.00,352.35,5.38,57,101826  
16/11/2015 10:00:00,15.12,88.29,125.00,5.76,123.00,350.90,6.15,59,101820  
16/11/2015 11:00:00,15.18,88.16,52.00,0.00,52.00,349.45,6.92,62,101813  
16/11/2015 12:00:00,15.20,89.38,123.00,0.00,123.00,350.92,6.74,61,101773  
16/11/2015 13:00:00,15.22,90.60,49.00,0.00,49.00,352.38,6.55,60,101733  
16/11/2015 14:00:00,15.24,91.82,24.00,0.00,24.00,353.85,6.36,58,101693  
16/11/2015 15:00:00,15.07,93.13,26.00,0.00,26.00,349.55,6.34,57,101680  
16/11/2015 16:00:00,14.90,94.43,5.00,0.00,5.00,345.25,6.33,55,101666  
16/11/2015 17:00:00,14.72,95.74,0.00,-0.00,0.00,340.95,6.32,54,101653  
16/11/2015 18:00:00,14.77,96.02,0.00,-0.00,0.00,346.80,6.44,50,101650  
16/11/2015 19:00:00,14.81,96.31,0.00,-0.00,0.00,352.65,6.56,46,101647  
16/11/2015 20:00:00,14.85,96.59,0.00,-0.00,0.00,358.50,6.68,42,101643  
16/11/2015 21:00:00,14.90,96.45,0.00,-0.00,0.00,360.10,7.14,42,101620  
16/11/2015 22:00:00,14.96,96.30,0.00,-0.00,0.00,361.70,7.60,43,101597  
16/11/2015 23:00:00,15.01,96.16,0.00,-0.00,0.00,363.30,8.06,43,101573

17/11/2015 00:00:00,15.10,96.60,0.00,-0.00,0.00,367.10,8.23,43,101540  
17/11/2015 01:00:00,15.18,97.04,0.00,-0.00,0.00,370.90,8.40,44,101507  
17/11/2015 02:00:00,15.27,97.48,0.00,-0.00,0.00,374.70,8.58,44,101473  
17/11/2015 03:00:00,15.25,97.32,0.00,-0.00,0.00,376.23,8.39,49,101487  
17/11/2015 04:00:00,15.24,97.16,0.00,-0.00,0.00,377.77,8.20,54,101500  
17/11/2015 05:00:00,15.23,97.00,0.00,-0.00,0.00,379.30,8.01,60,101513  
17/11/2015 06:00:00,15.34,96.50,0.00,-0.00,0.00,381.32,7.28,62,101550  
17/11/2015 07:00:00,15.45,95.99,0.00,-0.00,0.00,383.33,6.55,65,101587  
17/11/2015 08:00:00,15.56,95.49,46.00,23.36,43.00,385.35,5.82,67,101623  
17/11/2015 09:00:00,15.63,95.59,144.00,118.82,114.00,382.12,6.45,64,101617  
17/11/2015 10:00:00,15.70,95.70,29.00,0.00,29.00,378.88,7.07,61,101610  
17/11/2015 11:00:00,15.76,95.80,58.00,0.00,58.00,375.65,7.70,57,101603  
17/11/2015 12:00:00,15.75,95.95,35.00,0.00,35.00,379.45,7.95,59,101577  
17/11/2015 13:00:00,15.73,96.11,64.00,0.00,64.00,383.25,8.21,60,101550  
17/11/2015 14:00:00,15.71,96.26,30.00,0.00,30.00,387.05,8.47,61,101523  
17/11/2015 15:00:00,15.55,95.43,37.00,0.00,37.00,387.58,8.29,67,101593  
17/11/2015 16:00:00,15.39,94.61,0.00,0.00,0.00,388.12,8.11,73,101663  
17/11/2015 17:00:00,15.23,93.78,0.00,-0.00,0.00,388.65,7.93,78,101733  
17/11/2015 18:00:00,15.19,92.61,0.00,-0.00,0.00,386.77,7.19,80,101813  
17/11/2015 19:00:00,15.15,91.43,0.00,-0.00,0.00,384.88,6.44,83,101893  
17/11/2015 20:00:00,15.10,90.26,0.00,-0.00,0.00,383.00,5.70,85,101973  
17/11/2015 21:00:00,15.02,91.14,0.00,-0.00,0.00,375.98,5.32,84,102026  
17/11/2015 22:00:00,14.93,92.01,0.00,-0.00,0.00,368.97,4.94,84,102079  
17/11/2015 23:00:00,14.84,92.89,0.00,-0.00,0.00,361.95,4.57,84,102132  
18/11/2015 00:00:00,14.75,90.95,0.00,-0.00,0.00,364.03,4.49,82,102132  
18/11/2015 01:00:00,14.66,89.01,0.00,-0.00,0.00,366.12,4.42,81,102132  
18/11/2015 02:00:00,14.57,87.07,0.00,-0.00,0.00,368.20,4.34,79,102132  
18/11/2015 03:00:00,14.54,86.44,0.00,-0.00,0.00,365.20,4.26,75,102112  
18/11/2015 04:00:00,14.51,85.81,0.00,-0.00,0.00,362.20,4.18,71,102093  
18/11/2015 05:00:00,14.48,85.18,0.00,-0.00,0.00,359.20,4.10,67,102073  
18/11/2015 06:00:00,14.63,84.61,0.00,-0.00,0.00,359.72,4.17,68,102109  
18/11/2015 07:00:00,14.79,84.05,0.00,-0.00,0.00,360.23,4.24,70,102146  
18/11/2015 08:00:00,14.95,83.48,64.00,112.51,50.00,360.75,4.32,71,102182  
18/11/2015 09:00:00,15.14,84.05,82.00,4.03,81.00,365.60,5.16,70,102169  
18/11/2015 10:00:00,15.32,84.62,187.00,85.54,158.00,370.45,6.00,69,102156  
18/11/2015 11:00:00,15.50,85.19,53.00,0.00,53.00,375.30,6.84,68,102142  
18/11/2015 12:00:00,15.55,87.29,61.00,0.00,61.00,370.12,6.68,68,102106  
18/11/2015 13:00:00,15.60,89.38,94.00,0.00,94.00,364.93,6.51,68,102069  
18/11/2015 14:00:00,15.65,91.48,49.00,0.00,49.00,359.75,6.34,68,102033  
18/11/2015 15:00:00,15.40,91.88,46.00,0.00,46.00,366.20,5.98,70,102059  
18/11/2015 16:00:00,15.15,92.27,0.00,0.00,0.00,372.65,5.62,71,102086  
18/11/2015 17:00:00,14.90,92.67,0.00,-0.00,0.00,379.10,5.26,73,102112  
18/11/2015 18:00:00,14.77,92.39,0.00,-0.00,0.00,380.57,5.06,75,102152  
18/11/2015 19:00:00,14.64,92.12,0.00,-0.00,0.00,382.03,4.87,77,102192  
18/11/2015 20:00:00,14.51,91.84,0.00,-0.00,0.00,383.50,4.68,79,102232  
18/11/2015 21:00:00,14.43,92.02,0.00,-0.00,0.00,384.23,4.67,79,102256  
18/11/2015 22:00:00,14.34,92.21,0.00,-0.00,0.00,384.97,4.66,79,102279  
18/11/2015 23:00:00,14.26,92.39,0.00,-0.00,0.00,385.70,4.65,80,102302  
19/11/2015 00:00:00,14.42,90.79,0.00,-0.00,0.00,380.58,4.44,76,102266  
19/11/2015 01:00:00,14.57,89.20,0.00,-0.00,0.00,375.47,4.23,72,102229

19/11/2015 02:00:00,14.73,87.60,0.00,-0.00,0.00,370.35,4.03,69,102192  
19/11/2015 03:00:00,14.74,88.82,0.00,-0.00,0.00,373.40,4.34,67,102172  
19/11/2015 04:00:00,14.76,90.05,0.00,-0.00,0.00,376.45,4.65,66,102152  
19/11/2015 05:00:00,14.77,91.27,0.00,-0.00,0.00,379.50,4.97,64,102132  
19/11/2015 06:00:00,14.87,92.89,0.00,-0.00,0.00,381.78,4.96,64,102149  
19/11/2015 07:00:00,14.97,94.52,0.00,-0.00,0.00,384.07,4.96,64,102166  
19/11/2015 08:00:00,15.07,96.14,10.00,0.00,10.00,386.35,4.95,64,102182  
19/11/2015 09:00:00,15.21,96.04,43.00,0.00,43.00,386.85,5.75,68,102156  
19/11/2015 10:00:00,15.35,95.94,34.00,0.00,34.00,387.35,6.54,72,102129  
19/11/2015 11:00:00,15.49,95.84,55.00,0.00,55.00,387.85,7.34,76,102102  
19/11/2015 12:00:00,15.47,93.58,60.00,0.00,60.00,385.28,7.36,76,102099  
19/11/2015 13:00:00,15.44,91.33,39.00,0.00,39.00,382.72,7.37,76,102096  
19/11/2015 14:00:00,15.41,89.07,42.00,0.00,42.00,380.15,7.39,76,102093  
19/11/2015 15:00:00,15.21,89.80,59.00,11.74,57.00,376.80,7.24,77,102109  
19/11/2015 16:00:00,15.01,90.53,0.00,0.00,0.00,373.45,7.08,78,102126  
19/11/2015 17:00:00,14.81,91.26,0.00,-0.00,0.00,370.10,6.92,79,102142  
19/11/2015 18:00:00,14.78,91.80,0.00,-0.00,0.00,370.48,6.51,79,102159  
19/11/2015 19:00:00,14.75,92.33,0.00,-0.00,0.00,370.87,6.09,80,102176  
19/11/2015 20:00:00,14.71,92.87,0.00,-0.00,0.00,371.25,5.67,80,102192  
19/11/2015 21:00:00,14.70,93.33,0.00,-0.00,0.00,373.88,5.97,78,102156  
19/11/2015 22:00:00,14.70,93.78,0.00,-0.00,0.00,376.52,6.28,76,102119  
19/11/2015 23:00:00,14.69,94.24,0.00,-0.00,0.00,379.15,6.58,74,102083  
20/11/2015 00:00:00,14.69,94.84,0.00,-0.00,0.00,379.95,6.98,73,101973  
20/11/2015 01:00:00,14.69,95.43,0.00,-0.00,0.00,380.75,7.38,71,101863  
20/11/2015 02:00:00,14.69,96.03,0.00,-0.00,0.00,381.55,7.78,70,101753  
20/11/2015 03:00:00,14.70,96.31,0.00,-0.00,0.00,379.07,8.29,70,101660  
20/11/2015 04:00:00,14.71,96.59,0.00,-0.00,0.00,376.58,8.81,71,101567  
20/11/2015 05:00:00,14.72,96.87,0.00,-0.00,0.00,374.10,9.32,72,101473  
20/11/2015 06:00:00,14.87,96.85,0.00,-0.00,0.00,375.83,9.71,72,101414  
20/11/2015 07:00:00,15.03,96.84,0.00,-0.00,0.00,377.57,10.11,73,101354  
20/11/2015 08:00:00,15.18,96.82,24.00,0.00,24.00,379.30,10.50,74,101294  
20/11/2015 09:00:00,15.26,97.25,42.00,0.00,42.00,379.17,10.52,74,101257  
20/11/2015 10:00:00,15.33,97.67,46.00,0.00,46.00,379.03,10.55,75,101221  
20/11/2015 11:00:00,15.40,98.10,46.00,0.00,46.00,378.90,10.58,75,101184  
20/11/2015 12:00:00,15.29,97.06,34.00,0.00,34.00,380.33,9.76,80,101104  
20/11/2015 13:00:00,15.18,96.02,54.00,0.00,54.00,381.77,8.94,84,101024  
20/11/2015 14:00:00,15.07,94.98,27.00,0.00,27.00,383.20,8.12,89,100944  
20/11/2015 15:00:00,14.20,93.88,40.00,0.00,40.00,383.72,6.66,102,100984  
20/11/2015 16:00:00,13.34,92.77,0.00,0.00,0.00,384.23,5.19,116,101024  
20/11/2015 17:00:00,12.47,91.67,0.00,-0.00,0.00,384.75,3.72,129,101064  
20/11/2015 18:00:00,11.76,91.93,0.00,-0.00,0.00,383.23,4.02,137,101051  
20/11/2015 19:00:00,11.05,92.19,0.00,-0.00,0.00,381.72,4.31,144,101037  
20/11/2015 20:00:00,10.34,92.45,0.00,-0.00,0.00,380.20,4.61,151,101024  
20/11/2015 21:00:00,10.40,92.03,0.00,-0.00,0.00,373.80,4.21,143,100964  
20/11/2015 22:00:00,10.45,91.60,0.00,-0.00,0.00,367.40,3.82,134,100904  
20/11/2015 23:00:00,10.51,91.18,0.00,-0.00,0.00,361.00,3.42,125,100844  
21/11/2015 00:00:00,10.55,89.09,0.00,-0.00,0.00,353.03,3.85,126,100791  
21/11/2015 01:00:00,10.58,86.99,0.00,-0.00,0.00,345.07,4.28,128,100738  
21/11/2015 02:00:00,10.62,84.90,0.00,-0.00,0.00,337.10,4.70,129,100685  
21/11/2015 03:00:00,10.13,84.36,0.00,-0.00,0.00,333.95,5.14,134,100691

21/11/2015 04:00:00,9.64,83.81,0.00,-0.00,0.00,330.80,5.58,138,100698  
21/11/2015 05:00:00,9.15,83.27,0.00,-0.00,0.00,327.65,6.01,142,100705  
21/11/2015 06:00:00,9.17,81.91,0.00,-0.00,0.00,323.77,5.71,141,100738  
21/11/2015 07:00:00,9.19,80.56,0.00,-0.00,0.00,319.88,5.42,139,100771  
21/11/2015 08:00:00,9.20,79.20,65.00,195.07,43.00,316.00,5.12,137,100804  
21/11/2015 09:00:00,9.28,74.03,178.00,363.51,92.00,312.73,6.28,141,100838  
21/11/2015 10:00:00,9.36,68.85,232.00,253.62,149.00,309.47,7.43,145,100871  
21/11/2015 11:00:00,9.43,63.68,352.00,649.72,106.00,306.20,8.59,149,100904  
21/11/2015 12:00:00,9.69,64.20,315.00,402.91,159.00,302.73,8.38,152,100984  
21/11/2015 13:00:00,9.95,64.73,203.00,102.17,167.00,299.27,8.17,155,101064  
21/11/2015 14:00:00,10.21,65.25,149.00,86.80,125.00,295.80,7.96,158,101144  
21/11/2015 15:00:00,9.88,66.40,114.00,309.50,63.00,293.23,7.30,158,101184  
21/11/2015 16:00:00,9.55,67.55,0.00,0.00,0.00,290.67,6.63,157,101224  
21/11/2015 17:00:00,9.21,68.70,0.00,-0.00,0.00,288.10,5.97,157,101264  
21/11/2015 18:00:00,9.01,71.91,0.00,-0.00,0.00,289.83,5.84,156,101280  
21/11/2015 19:00:00,8.80,75.13,0.00,-0.00,0.00,291.57,5.71,155,101297  
21/11/2015 20:00:00,8.59,78.34,0.00,-0.00,0.00,293.30,5.57,154,101314  
21/11/2015 21:00:00,8.47,80.62,0.00,-0.00,0.00,296.45,4.83,154,101297  
21/11/2015 22:00:00,8.35,82.91,0.00,-0.00,0.00,299.60,4.09,153,101280  
21/11/2015 23:00:00,8.23,85.19,0.00,-0.00,0.00,302.75,3.35,153,101264  
22/11/2015 00:00:00,8.17,84.98,0.00,-0.00,0.00,296.58,3.08,154,101257  
22/11/2015 01:00:00,8.10,84.76,0.00,-0.00,0.00,290.42,2.80,156,101250  
22/11/2015 02:00:00,8.04,84.55,0.00,-0.00,0.00,284.25,2.52,157,101244  
22/11/2015 03:00:00,7.90,86.68,0.00,-0.00,0.00,286.77,2.34,165,101227  
22/11/2015 04:00:00,7.76,88.80,0.00,-0.00,0.00,289.28,2.16,173,101211  
22/11/2015 05:00:00,7.62,90.93,0.00,-0.00,0.00,291.80,1.97,182,101194  
22/11/2015 06:00:00,7.64,89.59,0.00,-0.00,0.00,293.08,1.71,232,101221  
22/11/2015 07:00:00,7.66,88.25,0.00,-0.00,0.00,294.37,1.44,281,101247  
22/11/2015 08:00:00,7.68,86.91,55.00,119.26,42.00,295.65,1.17,331,101274  
22/11/2015 09:00:00,7.96,79.26,109.00,51.55,97.00,295.17,1.24,281,101300  
22/11/2015 10:00:00,8.24,71.61,300.00,676.98,81.00,294.68,1.30,230,101327  
22/11/2015 11:00:00,8.52,63.96,363.00,746.71,83.00,294.20,1.37,180,101354  
22/11/2015 12:00:00,8.28,62.23,369.00,727.09,90.00,280.40,1.83,192,101410  
22/11/2015 13:00:00,8.03,60.49,331.00,713.20,82.00,266.60,2.29,204,101467  
22/11/2015 14:00:00,7.79,58.76,240.00,588.54,79.00,252.80,2.74,216,101523  
22/11/2015 15:00:00,7.75,64.98,125.00,456.36,51.00,253.07,2.51,208,101580  
22/11/2015 16:00:00,7.71,71.19,0.00,0.00,0.00,253.33,2.29,200,101637  
22/11/2015 17:00:00,7.66,77.41,0.00,-0.00,0.00,253.60,2.06,192,101693  
22/11/2015 18:00:00,7.83,78.96,0.00,-0.00,0.00,254.18,2.06,179,101736  
22/11/2015 19:00:00,7.99,80.52,0.00,-0.00,0.00,254.77,2.06,167,101780  
22/11/2015 20:00:00,8.15,82.07,0.00,-0.00,0.00,255.35,2.07,154,101823  
22/11/2015 21:00:00,8.28,85.59,0.00,-0.00,0.00,258.67,2.23,150,101846  
22/11/2015 22:00:00,8.40,89.12,0.00,-0.00,0.00,261.98,2.39,146,101870  
22/11/2015 23:00:00,8.53,92.64,0.00,-0.00,0.00,265.30,2.55,142,101893  
23/11/2015 00:00:00,8.46,95.09,0.00,-0.00,0.00,274.05,2.69,154,101939  
23/11/2015 01:00:00,8.38,97.55,0.00,-0.00,0.00,282.80,2.83,166,101986  
23/11/2015 02:00:00,8.31,100.00,0.00,-0.00,0.00,291.55,2.97,178,102033  
23/11/2015 03:00:00,8.21,100.00,0.00,-0.00,0.00,296.88,3.02,197,102059  
23/11/2015 04:00:00,8.11,100.00,0.00,-0.00,0.00,302.22,3.08,216,102086  
23/11/2015 05:00:00,8.01,100.00,0.00,-0.00,0.00,307.55,3.13,235,102112

23/11/2015 06:00:00,7.98,99.39,0.00,-0.00,0.00,304.37,3.09,241,102182  
23/11/2015 07:00:00,7.96,98.78,0.00,-0.00,0.00,301.18,3.06,248,102252  
23/11/2015 08:00:00,7.94,98.17,36.00,18.99,34.00,298.00,3.02,255,102322  
23/11/2015 09:00:00,8.11,90.13,106.00,48.03,95.00,292.97,2.83,260,102349  
23/11/2015 10:00:00,8.28,82.10,174.00,84.43,147.00,287.93,2.63,266,102375  
23/11/2015 11:00:00,8.45,74.06,324.00,522.32,130.00,282.90,2.44,271,102402  
23/11/2015 12:00:00,8.51,72.23,293.00,331.27,167.00,283.00,2.12,269,102422  
23/11/2015 13:00:00,8.57,70.41,311.00,592.46,106.00,283.10,1.80,266,102442  
23/11/2015 14:00:00,8.63,68.58,220.00,446.94,99.00,283.20,1.48,264,102462  
23/11/2015 15:00:00,8.39,76.08,117.00,382.12,56.00,280.15,1.71,267,102489  
23/11/2015 16:00:00,8.14,83.57,0.00,0.00,0.00,277.10,1.94,271,102515  
23/11/2015 17:00:00,7.89,91.07,0.00,-0.00,0.00,274.05,2.17,275,102542  
23/11/2015 18:00:00,7.83,91.08,0.00,-0.00,0.00,272.47,2.04,285,102565  
23/11/2015 19:00:00,7.76,91.10,0.00,-0.00,0.00,270.88,1.91,295,102588  
23/11/2015 20:00:00,7.69,91.11,0.00,-0.00,0.00,269.30,1.78,304,102612  
23/11/2015 21:00:00,7.80,89.81,0.00,-0.00,0.00,275.87,2.00,315,102592  
23/11/2015 22:00:00,7.90,88.50,0.00,-0.00,0.00,282.43,2.22,325,102572  
23/11/2015 23:00:00,8.01,87.20,0.00,-0.00,0.00,289.00,2.44,335,102552  
24/11/2015 00:00:00,8.09,86.25,0.00,-0.00,0.00,292.65,2.94,343,102519  
24/11/2015 01:00:00,8.18,85.31,0.00,-0.00,0.00,296.30,3.44,350,102485  
24/11/2015 02:00:00,8.26,84.36,0.00,-0.00,0.00,299.95,3.94,357,102452  
24/11/2015 03:00:00,8.73,85.89,0.00,-0.00,0.00,302.95,4.34,4,102385  
24/11/2015 04:00:00,9.21,87.42,0.00,-0.00,0.00,305.95,4.74,11,102319  
24/11/2015 05:00:00,9.69,88.95,0.00,-0.00,0.00,308.95,5.14,18,102252  
24/11/2015 06:00:00,10.06,92.63,0.00,-0.00,0.00,313.98,5.45,21,102206  
24/11/2015 07:00:00,10.44,96.32,0.00,-0.00,0.00,319.02,5.75,24,102159  
24/11/2015 08:00:00,10.82,100.00,16.00,0.00,16.00,324.05,6.06,27,102112  
24/11/2015 09:00:00,11.37,100.00,31.00,0.00,31.00,332.67,6.17,29,102016  
24/11/2015 10:00:00,11.92,100.00,155.00,50.60,139.00,341.28,6.29,31,101919  
24/11/2015 11:00:00,12.46,100.00,104.00,0.00,104.00,349.90,6.41,33,101823  
24/11/2015 12:00:00,12.56,98.60,66.00,0.00,66.00,355.28,5.75,45,101756  
24/11/2015 13:00:00,12.66,97.21,53.00,0.00,53.00,360.67,5.09,57,101690  
24/11/2015 14:00:00,12.76,95.81,72.00,0.00,72.00,366.05,4.43,69,101623  
24/11/2015 15:00:00,12.28,94.14,62.00,31.80,57.00,364.33,4.28,87,101633  
24/11/2015 16:00:00,11.80,92.47,0.00,0.00,0.00,362.62,4.13,106,101643  
24/11/2015 17:00:00,11.31,90.80,0.00,-0.00,0.00,360.90,3.99,124,101653  
24/11/2015 18:00:00,11.26,92.17,0.00,-0.00,0.00,360.98,3.94,124,101663  
24/11/2015 19:00:00,11.21,93.54,0.00,-0.00,0.00,361.07,3.90,123,101673  
24/11/2015 20:00:00,11.15,94.91,0.00,-0.00,0.00,361.15,3.86,122,101683  
24/11/2015 21:00:00,11.20,96.28,0.00,-0.00,0.00,358.43,3.83,117,101627  
24/11/2015 22:00:00,11.24,97.65,0.00,-0.00,0.00,355.72,3.81,112,101570  
24/11/2015 23:00:00,11.29,99.02,0.00,-0.00,0.00,353.00,3.78,107,101513  
25/11/2015 00:00:00,11.37,98.18,0.00,-0.00,0.00,349.47,3.95,112,101503  
25/11/2015 01:00:00,11.44,97.35,0.00,-0.00,0.00,345.93,4.13,118,101493  
25/11/2015 02:00:00,11.52,96.51,0.00,-0.00,0.00,342.40,4.30,123,101483  
25/11/2015 03:00:00,11.52,96.36,0.00,-0.00,0.00,342.72,4.36,125,101467  
25/11/2015 04:00:00,11.53,96.21,0.00,-0.00,0.00,343.03,4.41,127,101450  
25/11/2015 05:00:00,11.53,96.06,0.00,-0.00,0.00,343.35,4.47,129,101434  
25/11/2015 06:00:00,11.80,95.52,0.00,-0.00,0.00,344.55,4.73,132,101467  
25/11/2015 07:00:00,12.06,94.99,0.00,-0.00,0.00,345.75,4.99,136,101500

25/11/2015 08:00:00,12.32,94.45,41.00,61.18,35.00,346.95,5.26,139,101533  
25/11/2015 09:00:00,12.45,92.62,134.00,162.32,98.00,345.62,5.26,141,101533  
25/11/2015 10:00:00,12.58,90.79,174.00,95.95,144.00,344.28,5.27,142,101533  
25/11/2015 11:00:00,12.71,88.96,97.00,0.00,97.00,342.95,5.28,143,101533  
25/11/2015 12:00:00,12.75,87.70,199.00,69.53,173.00,347.85,5.43,142,101497  
25/11/2015 13:00:00,12.78,86.44,198.00,108.79,161.00,352.75,5.58,140,101460  
25/11/2015 14:00:00,12.82,85.18,54.00,0.00,54.00,357.65,5.72,139,101424  
25/11/2015 15:00:00,12.62,85.02,53.00,12.91,51.00,356.15,5.67,141,101453  
25/11/2015 16:00:00,12.43,84.85,0.00,0.00,0.00,354.65,5.61,144,101483  
25/11/2015 17:00:00,12.23,84.69,0.00,-0.00,0.00,353.15,5.56,146,101513  
25/11/2015 18:00:00,12.10,84.82,0.00,-0.00,0.00,349.82,5.54,148,101583  
25/11/2015 19:00:00,11.96,84.94,0.00,-0.00,0.00,346.48,5.53,150,101653  
25/11/2015 20:00:00,11.82,85.07,0.00,-0.00,0.00,343.15,5.52,152,101723  
25/11/2015 21:00:00,11.80,84.71,0.00,-0.00,0.00,339.25,4.94,154,101740  
25/11/2015 22:00:00,11.77,84.35,0.00,-0.00,0.00,335.35,4.37,155,101756  
25/11/2015 23:00:00,11.75,83.99,0.00,-0.00,0.00,331.45,3.79,156,101773  
26/11/2015 00:00:00,11.89,84.25,0.00,-0.00,0.00,333.55,3.88,155,101793  
26/11/2015 01:00:00,12.03,84.51,0.00,-0.00,0.00,335.65,3.97,155,101813  
26/11/2015 02:00:00,12.18,84.77,0.00,-0.00,0.00,337.75,4.06,154,101833  
26/11/2015 03:00:00,12.07,86.50,0.00,-0.00,0.00,338.15,4.06,155,101836  
26/11/2015 04:00:00,11.96,88.23,0.00,-0.00,0.00,338.55,4.07,156,101840  
26/11/2015 05:00:00,11.86,89.96,0.00,-0.00,0.00,338.95,4.08,156,101843  
26/11/2015 06:00:00,11.81,90.15,0.00,-0.00,0.00,335.47,3.90,159,101886  
26/11/2015 07:00:00,11.77,90.35,0.00,-0.00,0.00,331.98,3.71,161,101929  
26/11/2015 08:00:00,11.72,90.54,53.00,190.35,35.00,328.50,3.53,164,101973  
26/11/2015 09:00:00,11.88,86.35,79.00,13.74,76.00,328.48,3.60,166,101986  
26/11/2015 10:00:00,12.03,82.15,115.00,9.70,112.00,328.47,3.68,168,101999  
26/11/2015 11:00:00,12.18,77.96,161.00,27.68,151.00,328.45,3.75,170,102013  
26/11/2015 12:00:00,12.16,76.89,57.00,0.00,57.00,329.20,3.43,173,102009  
26/11/2015 13:00:00,12.14,75.81,48.00,0.00,48.00,329.95,3.12,176,102006  
26/11/2015 14:00:00,12.12,74.74,62.00,0.00,62.00,330.70,2.80,179,102003  
26/11/2015 15:00:00,11.98,78.50,60.00,26.19,56.00,330.12,2.44,185,102036  
26/11/2015 16:00:00,11.84,82.26,0.00,0.00,0.00,329.53,2.08,190,102069  
26/11/2015 17:00:00,11.70,86.02,0.00,-0.00,0.00,328.95,1.72,195,102102  
26/11/2015 18:00:00,11.53,86.54,0.00,-0.00,0.00,332.03,1.68,206,102129  
26/11/2015 19:00:00,11.36,87.05,0.00,-0.00,0.00,335.12,1.63,216,102156  
26/11/2015 20:00:00,11.19,87.57,0.00,-0.00,0.00,338.20,1.59,226,102182  
26/11/2015 21:00:00,11.07,91.04,0.00,-0.00,0.00,335.42,1.42,258,102159  
26/11/2015 22:00:00,10.96,94.52,0.00,-0.00,0.00,332.63,1.25,291,102136  
26/11/2015 23:00:00,10.84,97.99,0.00,-0.00,0.00,329.85,1.08,323,102112  
27/11/2015 00:00:00,10.32,98.51,0.00,-0.00,0.00,324.73,1.39,295,102093  
27/11/2015 01:00:00,9.80,99.03,0.00,-0.00,0.00,319.62,1.70,267,102073  
27/11/2015 02:00:00,9.28,99.55,0.00,-0.00,0.00,314.50,2.01,239,102053  
27/11/2015 03:00:00,9.16,99.70,0.00,-0.00,0.00,303.43,1.84,257,102009  
27/11/2015 04:00:00,9.04,99.85,0.00,-0.00,0.00,292.37,1.66,275,101966  
27/11/2015 05:00:00,8.91,100.00,0.00,-0.00,0.00,281.30,1.49,294,101923  
27/11/2015 06:00:00,9.07,100.00,0.00,-0.00,0.00,279.75,1.81,308,101926  
27/11/2015 07:00:00,9.23,100.00,0.00,-0.00,0.00,278.20,2.13,323,101929  
27/11/2015 08:00:00,9.39,100.00,21.00,0.00,21.00,276.65,2.46,337,101933  
27/11/2015 09:00:00,9.91,95.38,74.00,9.31,72.00,279.28,2.84,353,101893

27/11/2015 10:00:00,10.43,90.75,144.00,42.50,131.00,281.92,3.22,8,101853  
27/11/2015 11:00:00,10.95,86.13,257.00,256.92,165.00,284.55,3.60,23,101813  
27/11/2015 12:00:00,11.58,88.29,221.00,122.32,176.00,305.50,4.00,29,101676  
27/11/2015 13:00:00,12.20,90.45,113.00,2.99,112.00,326.45,4.39,36,101540  
27/11/2015 14:00:00,12.82,92.61,44.00,0.00,44.00,347.40,4.79,42,101404  
27/11/2015 15:00:00,12.68,94.12,61.00,33.18,56.00,350.12,4.71,50,101370  
27/11/2015 16:00:00,12.54,95.63,0.00,0.00,0.00,352.83,4.63,58,101337  
27/11/2015 17:00:00,12.40,97.14,0.00,-0.00,0.00,355.55,4.55,67,101304  
27/11/2015 18:00:00,12.24,95.49,0.00,-0.00,0.00,353.42,4.57,79,101310  
27/11/2015 19:00:00,12.08,93.83,0.00,-0.00,0.00,351.28,4.59,91,101317  
27/11/2015 20:00:00,11.91,92.18,0.00,-0.00,0.00,349.15,4.61,103,101324  
27/11/2015 21:00:00,11.36,87.62,0.00,-0.00,0.00,348.82,4.72,117,101417  
27/11/2015 22:00:00,10.80,83.05,0.00,-0.00,0.00,348.48,4.84,130,101510  
27/11/2015 23:00:00,10.25,78.49,0.00,-0.00,0.00,348.15,4.95,143,101603  
28/11/2015 00:00:00,10.31,78.09,0.00,-0.00,0.00,334.08,4.75,148,101683  
28/11/2015 01:00:00,10.36,77.70,0.00,-0.00,0.00,320.02,4.56,153,101763  
28/11/2015 02:00:00,10.42,77.30,0.00,-0.00,0.00,305.95,4.36,157,101843  
28/11/2015 03:00:00,10.20,79.77,0.00,-0.00,0.00,293.90,4.21,156,101916  
28/11/2015 04:00:00,9.99,82.23,0.00,-0.00,0.00,281.85,4.06,155,101989  
28/11/2015 05:00:00,9.77,84.70,0.00,-0.00,0.00,269.80,3.92,154,102063  
28/11/2015 06:00:00,9.81,84.88,0.00,-0.00,0.00,271.52,3.64,147,102122  
28/11/2015 07:00:00,9.85,85.07,0.00,-0.00,0.00,273.23,3.36,140,102182  
28/11/2015 08:00:00,9.88,85.25,42.00,113.95,32.00,274.95,3.08,134,102242  
28/11/2015 09:00:00,10.16,76.90,170.00,472.89,70.00,281.95,3.43,121,102262  
28/11/2015 10:00:00,10.44,68.54,272.00,614.64,86.00,288.95,3.78,108,102282  
28/11/2015 11:00:00,10.72,60.19,335.00,692.97,89.00,295.95,4.14,94,102302  
28/11/2015 12:00:00,10.93,62.88,336.00,630.10,106.00,298.33,4.33,88,102279  
28/11/2015 13:00:00,11.14,65.57,228.00,222.87,154.00,300.72,4.52,81,102256  
28/11/2015 14:00:00,11.35,68.26,152.00,135.53,117.00,303.10,4.72,74,102232  
28/11/2015 15:00:00,11.43,69.94,62.00,40.34,56.00,306.27,4.98,73,102192  
28/11/2015 16:00:00,11.51,71.63,0.00,0.00,0.00,309.43,5.25,72,102152  
28/11/2015 17:00:00,11.58,73.31,0.00,-0.00,0.00,312.60,5.52,71,102112  
28/11/2015 18:00:00,11.74,75.12,0.00,-0.00,0.00,319.43,5.66,72,102119  
28/11/2015 19:00:00,11.89,76.93,0.00,-0.00,0.00,326.27,5.80,74,102126  
28/11/2015 20:00:00,12.04,78.74,0.00,-0.00,0.00,333.10,5.94,75,102132  
28/11/2015 21:00:00,12.07,81.55,0.00,-0.00,0.00,336.52,6.16,76,102116  
28/11/2015 22:00:00,12.10,84.35,0.00,-0.00,0.00,339.93,6.38,78,102099  
28/11/2015 23:00:00,12.13,87.16,0.00,-0.00,0.00,343.35,6.59,79,102083  
29/11/2015 00:00:00,12.28,86.20,0.00,-0.00,0.00,345.93,6.93,80,102083  
29/11/2015 01:00:00,12.44,85.24,0.00,-0.00,0.00,348.52,7.27,81,102083  
29/11/2015 02:00:00,12.59,84.28,0.00,-0.00,0.00,351.10,7.61,82,102083  
29/11/2015 03:00:00,12.67,85.03,0.00,-0.00,0.00,351.77,7.40,83,102093  
29/11/2015 04:00:00,12.75,85.79,0.00,-0.00,0.00,352.43,7.18,84,102102  
29/11/2015 05:00:00,12.82,86.54,0.00,-0.00,0.00,353.10,6.97,86,102112  
29/11/2015 06:00:00,13.04,84.85,0.00,-0.00,0.00,348.53,6.98,87,102176  
29/11/2015 07:00:00,13.25,83.17,0.00,-0.00,0.00,343.97,6.99,88,102239  
29/11/2015 08:00:00,13.46,81.48,21.00,0.00,21.00,339.40,7.01,89,102302  
29/11/2015 09:00:00,13.57,78.04,122.00,148.90,91.00,337.57,7.44,89,102342  
29/11/2015 10:00:00,13.68,74.60,210.00,250.46,135.00,335.73,7.88,89,102382  
29/11/2015 11:00:00,13.78,71.16,55.00,0.00,55.00,333.90,8.32,88,102422



29/11/2015 12:00:00,13.61,69.35,225.00,140.78,174.00,340.80,7.98,88,102439  
29/11/2015 13:00:00,13.43,67.55,166.00,57.65,147.00,347.70,7.64,88,102455  
29/11/2015 14:00:00,13.25,65.74,76.00,0.00,76.00,354.60,7.30,88,102472  
29/11/2015 15:00:00,13.21,66.16,42.00,0.00,42.00,355.12,7.09,88,102495  
29/11/2015 16:00:00,13.17,66.59,0.00,0.00,0.00,355.63,6.88,88,102519  
29/11/2015 17:00:00,13.13,67.01,0.00,-0.00,0.00,356.15,6.68,87,102542  
29/11/2015 18:00:00,13.21,69.37,0.00,-0.00,0.00,352.77,6.48,85,102592  
29/11/2015 19:00:00,13.29,71.73,0.00,-0.00,0.00,349.38,6.28,82,102642  
29/11/2015 20:00:00,13.36,74.09,0.00,-0.00,0.00,346.00,6.08,79,102692  
29/11/2015 21:00:00,13.33,75.84,0.00,-0.00,0.00,340.48,5.78,79,102725  
29/11/2015 22:00:00,13.30,77.58,0.00,-0.00,0.00,334.97,5.49,79,102758  
29/11/2015 23:00:00,13.27,79.33,0.00,-0.00,0.00,329.45,5.19,78,102791  
30/11/2015 00:00:00,13.12,76.79,0.00,-0.00,0.00,330.65,5.40,78,102801  
30/11/2015 01:00:00,12.96,74.26,0.00,-0.00,0.00,331.85,5.61,77,102811  
30/11/2015 02:00:00,12.81,71.72,0.00,-0.00,0.00,333.05,5.82,76,102821  
30/11/2015 03:00:00,12.83,72.31,0.00,-0.00,0.00,330.52,5.64,75,102811  
30/11/2015 04:00:00,12.86,72.89,0.00,-0.00,0.00,327.98,5.45,73,102801  
30/11/2015 05:00:00,12.89,73.48,0.00,-0.00,0.00,325.45,5.27,72,102791  
30/11/2015 06:00:00,12.99,73.73,0.00,-0.00,0.00,327.45,5.59,70,102811  
30/11/2015 07:00:00,13.10,73.99,0.00,-0.00,0.00,329.45,5.91,69,102831  
30/11/2015 08:00:00,13.20,74.24,29.00,36.93,26.00,331.45,6.23,68,102851  
30/11/2015 09:00:00,13.29,72.84,96.00,53.66,85.00,333.52,6.46,70,102838  
30/11/2015 10:00:00,13.38,71.45,118.00,16.87,113.00,335.58,6.69,71,102825  
30/11/2015 11:00:00,13.47,70.05,155.00,28.64,145.00,337.65,6.91,73,102811  
30/11/2015 12:00:00,13.35,71.18,194.00,75.08,167.00,335.30,6.96,74,102788  
30/11/2015 13:00:00,13.22,72.31,142.00,24.45,134.00,332.95,7.01,76,102765  
30/11/2015 14:00:00,13.09,73.44,83.00,3.94,82.00,330.60,7.06,78,102742  
30/11/2015 15:00:00,12.99,73.76,51.00,13.78,49.00,332.62,6.55,79,102751  
30/11/2015 16:00:00,14.08,74.69,0.00,0.00,0.00,350.34,5.41,80,102761  
30/11/2015 17:00:00,13.55,76.20,0.00,-0.00,0.00,344.10,5.26,82,102771  
30/11/2015 18:00:00,13.02,77.71,0.00,-0.00,0.00,337.87,5.10,81,102801  
30/11/2015 19:00:00,12.50,79.22,0.00,-0.00,0.00,331.64,4.95,80,102831  
30/11/2015 20:00:00,11.97,80.74,0.00,-0.00,0.00,325.41,4.79,79,102861  
30/11/2015 21:00:00,11.44,82.25,0.00,-0.00,0.00,319.18,4.63,75,102868  
30/11/2015 22:00:00,10.91,83.76,0.00,-0.00,0.00,312.95,4.48,71,102875  
30/11/2015 23:00:00,10.38,85.27,0.00,-0.00,0.00,306.72,4.32,67,102881  
01/12/2013 00:00:00,9.85,86.78,0.00,-0.00,0.00,300.49,4.17,215,102841  
01/12/2013 01:00:00,9.32,88.29,0.00,-0.00,0.00,294.26,4.01,217,102841  
01/12/2013 02:00:00,8.79,89.80,0.00,-0.00,0.00,288.02,3.86,220,102841  
01/12/2013 03:00:00,8.27,91.31,0.00,-0.00,0.00,281.79,3.70,219,102845  
01/12/2013 04:00:00,7.74,92.82,0.00,-0.00,0.00,275.56,3.54,218,102848  
01/12/2013 05:00:00,7.21,94.33,0.00,-0.00,0.00,269.33,3.39,217,102851  
01/12/2013 06:00:00,6.68,95.84,0.00,-0.00,0.00,263.10,3.23,218,102898  
01/12/2013 07:00:00,6.15,97.35,0.00,-0.00,0.00,256.87,3.08,219,102945  
01/12/2013 08:00:00,7.25,90.91,54.00,409.71,22.00,270.45,3.46,219,102991  
01/12/2013 09:00:00,7.60,85.88,175.00,599.30,54.00,271.55,3.74,221,102981  
01/12/2013 10:00:00,7.94,80.85,272.00,668.07,76.00,272.65,4.02,222,102971  
01/12/2013 11:00:00,8.29,75.82,332.00,713.24,85.00,273.75,4.30,223,102961  
01/12/2013 12:00:00,8.60,73.94,347.00,736.53,84.00,280.00,4.58,223,102928  
01/12/2013 13:00:00,8.90,72.06,135.00,18.46,129.00,286.25,4.86,223,102895

01/12/2013 14:00:00,9.21,70.18,109.00,27.76,102.00,292.50,5.13,223,102861  
01/12/2013 15:00:00,9.04,74.59,98.00,299.53,55.00,293.28,4.77,222,102875  
01/12/2013 16:00:00,8.87,79.01,0.00,0.00,0.00,294.07,4.40,221,102888  
01/12/2013 17:00:00,8.70,83.42,0.00,-0.00,0.00,294.85,4.04,221,102901  
01/12/2013 18:00:00,8.39,85.66,0.00,-0.00,0.00,286.95,4.05,221,102918  
01/12/2013 19:00:00,8.07,87.89,0.00,-0.00,0.00,279.05,4.06,222,102935  
01/12/2013 20:00:00,7.76,90.13,0.00,-0.00,0.00,271.15,4.07,223,102951  
01/12/2013 21:00:00,7.58,90.83,0.00,-0.00,0.00,272.55,4.14,222,102955  
01/12/2013 22:00:00,7.40,91.52,0.00,-0.00,0.00,273.95,4.21,221,102958  
01/12/2013 23:00:00,7.22,92.22,0.00,-0.00,0.00,275.35,4.28,221,102961  
02/12/2013 00:00:00,7.11,91.88,0.00,-0.00,0.00,280.97,4.46,220,102925  
02/12/2013 01:00:00,6.99,91.53,0.00,-0.00,0.00,286.58,4.65,220,102888  
02/12/2013 02:00:00,6.88,91.19,0.00,-0.00,0.00,292.20,4.84,219,102851  
02/12/2013 03:00:00,6.81,90.68,0.00,-0.00,0.00,304.23,4.96,220,102848  
02/12/2013 04:00:00,6.74,90.16,0.00,-0.00,0.00,316.27,5.07,221,102845  
02/12/2013 05:00:00,6.66,89.65,0.00,-0.00,0.00,328.30,5.19,222,102841  
02/12/2013 06:00:00,6.75,89.01,0.00,-0.00,0.00,327.22,5.20,225,102838  
02/12/2013 07:00:00,6.84,88.37,0.00,-0.00,0.00,326.13,5.20,227,102835  
02/12/2013 08:00:00,6.93,87.73,51.00,399.76,21.00,325.05,5.21,229,102831  
02/12/2013 09:00:00,7.27,83.10,170.00,573.19,56.00,324.63,5.55,231,102791  
02/12/2013 10:00:00,7.61,78.47,269.00,667.83,75.00,324.22,5.89,234,102751  
02/12/2013 11:00:00,7.95,73.84,329.00,712.99,84.00,323.80,6.22,236,102712  
02/12/2013 12:00:00,8.41,72.36,338.00,693.65,92.00,320.72,5.84,240,102655  
02/12/2013 13:00:00,8.86,70.88,302.00,669.10,86.00,317.63,5.46,245,102598  
02/12/2013 14:00:00,9.32,69.40,221.00,591.25,73.00,314.55,5.08,250,102542  
02/12/2013 15:00:00,9.08,73.77,111.00,485.68,42.00,313.82,4.52,250,102575  
02/12/2013 16:00:00,8.84,78.13,0.00,0.00,0.00,313.08,3.96,251,102608  
02/12/2013 17:00:00,8.60,82.50,0.00,-0.00,0.00,312.35,3.41,251,102642  
02/12/2013 18:00:00,8.29,85.98,0.00,-0.00,0.00,303.30,3.14,254,102675  
02/12/2013 19:00:00,7.97,89.46,0.00,-0.00,0.00,294.25,2.87,256,102708  
02/12/2013 20:00:00,7.66,92.94,0.00,-0.00,0.00,285.20,2.61,259,102742  
02/12/2013 21:00:00,7.48,95.04,0.00,-0.00,0.00,281.12,2.35,265,102755  
02/12/2013 22:00:00,7.30,97.15,0.00,-0.00,0.00,277.03,2.10,271,102768  
02/12/2013 23:00:00,7.12,99.25,0.00,-0.00,0.00,272.95,1.85,277,102781  
03/12/2013 00:00:00,6.91,99.50,0.00,-0.00,0.00,270.03,1.99,287,102768  
03/12/2013 01:00:00,6.69,99.75,0.00,-0.00,0.00,267.12,2.13,297,102755  
03/12/2013 02:00:00,6.48,100.00,0.00,-0.00,0.00,264.20,2.28,306,102742  
03/12/2013 03:00:00,6.45,100.00,0.00,-0.00,0.00,263.98,2.05,301,102755  
03/12/2013 04:00:00,6.42,100.00,0.00,-0.00,0.00,263.77,1.82,296,102768  
03/12/2013 05:00:00,6.39,100.00,0.00,-0.00,0.00,263.55,1.59,290,102781  
03/12/2013 06:00:00,6.47,99.60,0.00,-0.00,0.00,264.95,1.43,293,102798  
03/12/2013 07:00:00,6.55,99.20,0.00,-0.00,0.00,266.35,1.26,295,102815  
03/12/2013 08:00:00,6.63,98.80,48.00,388.52,20.00,267.75,1.10,298,102831  
03/12/2013 09:00:00,7.00,93.26,166.00,561.33,56.00,268.82,0.82,301,102838  
03/12/2013 10:00:00,7.37,87.71,267.00,677.78,72.00,269.88,0.54,305,102845  
03/12/2013 11:00:00,7.74,82.17,314.00,618.70,103.00,270.95,0.26,309,102851  
03/12/2013 12:00:00,7.80,78.73,337.00,706.72,88.00,269.63,0.36,307,102805  
03/12/2013 13:00:00,7.86,75.30,296.00,642.13,90.00,268.32,0.46,304,102758  
03/12/2013 14:00:00,7.92,71.86,208.00,490.70,86.00,267.00,0.55,302,102712  
03/12/2013 15:00:00,7.93,73.48,97.00,312.73,53.00,267.65,0.68,285,102742

03/12/2013 16:00:00,7.94,75.11,0.00,0.00,0.00,268.30,0.80,268,102771  
03/12/2013 17:00:00,7.94,76.73,0.00,-0.00,0.00,268.95,0.92,250,102801  
03/12/2013 18:00:00,7.86,78.95,0.00,-0.00,0.00,269.35,0.90,249,102818  
03/12/2013 19:00:00,7.79,81.18,0.00,-0.00,0.00,269.75,0.88,248,102835  
03/12/2013 20:00:00,7.71,83.40,0.00,-0.00,0.00,270.15,0.86,247,102851  
03/12/2013 21:00:00,7.70,84.55,0.00,-0.00,0.00,270.37,0.95,245,102855  
03/12/2013 22:00:00,7.70,85.71,0.00,-0.00,0.00,270.58,1.05,242,102858  
03/12/2013 23:00:00,7.69,86.86,0.00,-0.00,0.00,270.80,1.14,240,102861  
04/12/2013 00:00:00,7.60,87.65,0.00,-0.00,0.00,271.48,1.21,236,102855  
04/12/2013 01:00:00,7.50,88.45,0.00,-0.00,0.00,272.17,1.28,233,102848  
04/12/2013 02:00:00,7.41,89.24,0.00,-0.00,0.00,272.85,1.35,230,102841  
04/12/2013 03:00:00,7.30,92.83,0.00,-0.00,0.00,274.53,1.22,227,102848  
04/12/2013 04:00:00,7.18,96.41,0.00,-0.00,0.00,276.22,1.09,223,102855  
04/12/2013 05:00:00,7.07,100.00,0.00,-0.00,0.00,277.90,0.95,220,102861  
04/12/2013 06:00:00,7.09,99.48,0.00,-0.00,0.00,279.93,1.07,221,102898  
04/12/2013 07:00:00,7.12,98.96,0.00,-0.00,0.00,281.97,1.18,223,102935  
04/12/2013 08:00:00,7.14,98.44,42.00,289.12,22.00,284.00,1.30,225,102971  
04/12/2013 09:00:00,7.44,94.66,160.00,528.13,58.00,280.90,1.14,221,102998  
04/12/2013 10:00:00,7.75,90.88,142.00,56.14,126.00,277.80,0.97,217,103024  
04/12/2013 11:00:00,8.05,87.10,140.00,17.72,134.00,274.70,0.81,214,103051  
04/12/2013 12:00:00,8.26,86.77,130.00,5.71,128.00,273.90,1.17,208,103051  
04/12/2013 13:00:00,8.46,86.44,96.00,0.00,96.00,273.10,1.53,203,103051  
04/12/2013 14:00:00,8.67,86.11,116.00,44.52,105.00,272.30,1.89,198,103051  
04/12/2013 15:00:00,8.61,89.76,74.00,114.74,58.00,272.70,1.80,200,103074  
04/12/2013 16:00:00,8.54,93.42,0.00,0.00,0.00,273.10,1.71,202,103098  
04/12/2013 17:00:00,8.47,97.07,0.00,-0.00,0.00,273.50,1.61,204,103121  
04/12/2013 18:00:00,8.40,98.05,0.00,-0.00,0.00,273.22,1.22,204,103141  
04/12/2013 19:00:00,8.32,99.02,0.00,-0.00,0.00,272.93,0.83,205,103161  
04/12/2013 20:00:00,8.25,100.00,0.00,-0.00,0.00,272.65,0.44,205,103181  
04/12/2013 21:00:00,8.25,100.00,0.00,-0.00,0.00,273.18,0.59,204,103191  
04/12/2013 22:00:00,8.26,100.00,0.00,-0.00,0.00,273.72,0.74,203,103201  
04/12/2013 23:00:00,8.26,100.00,0.00,-0.00,0.00,274.25,0.90,201,103211  
05/12/2013 00:00:00,8.20,100.00,0.00,-0.00,0.00,275.87,1.03,204,103191  
05/12/2013 01:00:00,8.14,100.00,0.00,-0.00,0.00,277.48,1.16,207,103171  
05/12/2013 02:00:00,8.08,100.00,0.00,-0.00,0.00,279.10,1.30,210,103151  
05/12/2013 03:00:00,8.06,100.00,0.00,-0.00,0.00,280.42,1.20,213,103131  
05/12/2013 04:00:00,8.04,100.00,0.00,-0.00,0.00,281.73,1.10,216,103111  
05/12/2013 05:00:00,8.02,100.00,0.00,-0.00,0.00,283.05,1.01,219,103091  
05/12/2013 06:00:00,8.04,99.96,0.00,-0.00,0.00,282.05,1.18,214,103111  
05/12/2013 07:00:00,8.07,99.91,0.00,-0.00,0.00,281.05,1.36,209,103131  
05/12/2013 08:00:00,8.09,99.87,16.00,0.00,16.00,280.05,1.53,204,103151  
05/12/2013 09:00:00,8.39,94.37,89.00,52.52,79.00,281.80,1.87,178,103138  
05/12/2013 10:00:00,8.69,88.86,247.00,552.34,91.00,283.55,2.21,153,103124  
05/12/2013 11:00:00,8.99,83.36,314.00,654.37,94.00,285.30,2.55,127,103111  
05/12/2013 12:00:00,9.16,79.18,331.00,689.58,91.00,282.25,2.77,127,103054  
05/12/2013 13:00:00,9.33,75.01,297.00,677.95,82.00,279.20,2.98,126,102998  
05/12/2013 14:00:00,9.50,70.83,212.00,553.75,76.00,276.15,3.20,126,102941  
05/12/2013 15:00:00,9.40,74.34,106.00,455.50,43.00,280.55,2.90,124,102935  
05/12/2013 16:00:00,9.30,77.86,0.00,0.00,0.00,284.95,2.59,122,102928  
05/12/2013 17:00:00,9.19,81.37,0.00,-0.00,0.00,289.35,2.29,119,102921

05/12/2013 18:00:00,9.27,80.82,0.00,-0.00,0.00,291.67,2.62,122,102931  
05/12/2013 19:00:00,9.35,80.26,0.00,-0.00,0.00,293.98,2.94,125,102941  
05/12/2013 20:00:00,9.43,79.71,0.00,-0.00,0.00,296.30,3.27,128,102951  
05/12/2013 21:00:00,9.66,82.10,0.00,-0.00,0.00,300.85,3.32,124,102941  
05/12/2013 22:00:00,9.89,84.50,0.00,-0.00,0.00,305.40,3.38,120,102931  
05/12/2013 23:00:00,10.12,86.89,0.00,-0.00,0.00,309.95,3.43,116,102921  
06/12/2013 00:00:00,9.94,87.82,0.00,-0.00,0.00,312.28,3.37,116,102925  
06/12/2013 01:00:00,9.75,88.74,0.00,-0.00,0.00,314.62,3.31,116,102928  
06/12/2013 02:00:00,9.56,89.67,0.00,-0.00,0.00,316.95,3.24,115,102931  
06/12/2013 03:00:00,9.70,90.89,0.00,-0.00,0.00,319.08,3.09,120,102921  
06/12/2013 04:00:00,9.84,92.10,0.00,-0.00,0.00,321.22,2.93,124,102911  
06/12/2013 05:00:00,9.98,93.32,0.00,-0.00,0.00,323.35,2.77,129,102901  
06/12/2013 06:00:00,10.04,92.98,0.00,-0.00,0.00,328.90,2.80,133,102938  
06/12/2013 07:00:00,10.09,92.64,0.00,-0.00,0.00,334.45,2.82,138,102974  
06/12/2013 08:00:00,10.14,92.30,41.00,361.37,18.00,340.00,2.84,142,103011  
06/12/2013 09:00:00,10.17,88.33,61.00,5.33,60.00,337.78,3.14,152,103031  
06/12/2013 10:00:00,10.21,84.37,253.00,621.54,79.00,335.57,3.44,161,103051  
06/12/2013 11:00:00,10.24,80.40,311.00,652.80,93.00,333.35,3.74,171,103071  
06/12/2013 12:00:00,10.37,77.67,217.00,144.48,167.00,329.82,3.34,175,103061  
06/12/2013 13:00:00,10.50,74.94,259.00,424.76,125.00,326.28,2.94,179,103051  
06/12/2013 14:00:00,10.63,72.21,190.00,380.73,97.00,322.75,2.54,183,103041  
06/12/2013 15:00:00,10.33,78.23,81.00,182.09,56.00,310.92,2.57,191,103064  
06/12/2013 16:00:00,10.03,84.25,0.00,0.00,0.00,299.08,2.59,199,103088  
06/12/2013 17:00:00,9.73,90.27,0.00,-0.00,0.00,287.25,2.62,207,103111  
06/12/2013 18:00:00,9.44,89.19,0.00,-0.00,0.00,284.00,2.21,220,103114  
06/12/2013 19:00:00,9.14,88.10,0.00,-0.00,0.00,280.75,1.80,232,103118  
06/12/2013 20:00:00,8.84,87.02,0.00,-0.00,0.00,277.50,1.39,245,103121  
06/12/2013 21:00:00,8.71,89.72,0.00,-0.00,0.00,274.70,1.71,254,103114  
06/12/2013 22:00:00,8.58,92.43,0.00,-0.00,0.00,271.90,2.02,263,103108  
06/12/2013 23:00:00,8.45,95.13,0.00,-0.00,0.00,269.10,2.33,272,103101  
07/12/2013 00:00:00,8.06,94.91,0.00,-0.00,0.00,270.25,2.14,269,103084  
07/12/2013 01:00:00,7.66,94.70,0.00,-0.00,0.00,271.40,1.95,267,103068  
07/12/2013 02:00:00,7.27,94.48,0.00,-0.00,0.00,272.55,1.77,265,103051  
07/12/2013 03:00:00,7.10,96.32,0.00,-0.00,0.00,270.42,1.90,271,103021  
07/12/2013 04:00:00,6.93,98.16,0.00,-0.00,0.00,268.28,2.04,277,102991  
07/12/2013 05:00:00,6.76,100.00,0.00,-0.00,0.00,266.15,2.18,284,102961  
07/12/2013 06:00:00,6.76,100.00,0.00,-0.00,0.00,263.88,2.22,287,102974  
07/12/2013 07:00:00,6.76,100.00,0.00,-0.00,0.00,261.62,2.26,290,102988  
07/12/2013 08:00:00,6.76,100.00,36.00,278.61,19.00,259.35,2.30,293,103001  
07/12/2013 09:00:00,6.94,95.53,154.00,534.51,55.00,259.65,2.14,289,102991  
07/12/2013 10:00:00,7.11,91.05,255.00,655.68,73.00,259.95,1.97,285,102981  
07/12/2013 11:00:00,7.29,86.58,318.00,717.29,80.00,260.25,1.81,281,102971  
07/12/2013 12:00:00,7.65,81.69,328.00,700.16,87.00,260.07,1.74,269,102905  
07/12/2013 13:00:00,8.00,76.81,297.00,700.78,77.00,259.88,1.67,258,102838  
07/12/2013 14:00:00,8.36,71.92,214.00,592.45,70.00,259.70,1.60,247,102771  
07/12/2013 15:00:00,8.25,78.09,105.00,469.22,41.00,259.87,1.84,248,102771  
07/12/2013 16:00:00,8.14,84.27,0.00,0.00,0.00,260.03,2.08,249,102771  
07/12/2013 17:00:00,8.02,90.44,0.00,-0.00,0.00,260.20,2.32,250,102771  
07/12/2013 18:00:00,7.82,93.19,0.00,-0.00,0.00,260.50,2.32,254,102785  
07/12/2013 19:00:00,7.61,95.95,0.00,-0.00,0.00,260.80,2.33,258,102798

07/12/2013 20:00:00,7.40,98.70,0.00,-0.00,0.00,261.10,2.33,263,102811  
07/12/2013 21:00:00,7.26,99.13,0.00,-0.00,0.00,260.73,2.35,261,102811  
07/12/2013 22:00:00,7.12,99.57,0.00,-0.00,0.00,260.37,2.37,260,102811  
07/12/2013 23:00:00,6.98,100.00,0.00,-0.00,0.00,260.00,2.39,258,102811  
08/12/2013 00:00:00,6.91,98.67,0.00,-0.00,0.00,259.28,2.38,260,102791  
08/12/2013 01:00:00,6.85,97.35,0.00,-0.00,0.00,258.57,2.38,262,102771  
08/12/2013 02:00:00,6.78,96.02,0.00,-0.00,0.00,257.85,2.37,264,102751  
08/12/2013 03:00:00,6.68,96.67,0.00,-0.00,0.00,258.08,2.37,265,102722  
08/12/2013 04:00:00,6.57,97.33,0.00,-0.00,0.00,258.32,2.36,267,102692  
08/12/2013 05:00:00,6.47,97.98,0.00,-0.00,0.00,258.55,2.36,268,102662  
08/12/2013 06:00:00,6.47,96.75,0.00,-0.00,0.00,260.67,2.46,270,102685  
08/12/2013 07:00:00,6.48,95.51,0.00,-0.00,0.00,262.78,2.55,271,102708  
08/12/2013 08:00:00,6.48,94.28,32.00,239.41,18.00,264.90,2.65,273,102732  
08/12/2013 09:00:00,6.79,89.15,152.00,541.66,53.00,267.90,2.65,271,102751  
08/12/2013 10:00:00,7.10,84.01,255.00,679.24,68.00,270.90,2.66,269,102771  
08/12/2013 11:00:00,7.41,78.88,317.00,727.77,77.00,273.90,2.66,267,102791  
08/12/2013 12:00:00,7.74,77.14,328.00,712.47,84.00,268.18,2.80,264,102775  
08/12/2013 13:00:00,8.08,75.40,294.00,687.96,79.00,262.47,2.93,262,102758  
08/12/2013 14:00:00,8.41,73.66,210.00,570.33,72.00,256.75,3.06,259,102742  
08/12/2013 15:00:00,8.29,79.98,103.00,457.15,41.00,257.30,2.81,267,102748  
08/12/2013 16:00:00,8.17,86.29,0.00,0.00,0.00,257.85,2.56,275,102755  
08/12/2013 17:00:00,8.05,92.61,0.00,-0.00,0.00,258.40,2.30,282,102761  
08/12/2013 18:00:00,7.94,94.93,0.00,-0.00,0.00,259.30,2.37,292,102785  
08/12/2013 19:00:00,7.83,97.24,0.00,-0.00,0.00,260.20,2.43,301,102808  
08/12/2013 20:00:00,7.72,99.56,0.00,-0.00,0.00,261.10,2.50,310,102831  
08/12/2013 21:00:00,7.69,99.71,0.00,-0.00,0.00,260.38,2.35,307,102841  
08/12/2013 22:00:00,7.66,99.85,0.00,-0.00,0.00,259.67,2.21,303,102851  
08/12/2013 23:00:00,7.62,100.00,0.00,-0.00,0.00,258.95,2.07,300,102861  
09/12/2013 00:00:00,7.59,100.00,0.00,-0.00,0.00,261.08,2.06,299,102855  
09/12/2013 01:00:00,7.57,100.00,0.00,-0.00,0.00,263.22,2.06,298,102848  
09/12/2013 02:00:00,7.54,100.00,0.00,-0.00,0.00,265.35,2.06,297,102841  
09/12/2013 03:00:00,7.51,100.00,0.00,-0.00,0.00,265.90,2.12,300,102825  
09/12/2013 04:00:00,7.48,100.00,0.00,-0.00,0.00,266.45,2.18,302,102808  
09/12/2013 05:00:00,7.45,100.00,0.00,-0.00,0.00,267.00,2.25,305,102791  
09/12/2013 06:00:00,7.46,100.00,0.00,-0.00,0.00,272.37,2.06,306,102821  
09/12/2013 07:00:00,7.47,100.00,0.00,-0.00,0.00,277.73,1.88,307,102851  
09/12/2013 08:00:00,7.48,100.00,31.00,232.02,18.00,283.10,1.70,307,102881  
09/12/2013 09:00:00,7.75,95.44,148.00,520.98,54.00,287.23,1.75,310,102885  
09/12/2013 10:00:00,8.02,90.87,250.00,651.66,72.00,291.37,1.80,312,102888  
09/12/2013 11:00:00,8.29,86.31,313.00,713.71,79.00,295.50,1.85,314,102891  
09/12/2013 12:00:00,8.68,83.18,330.00,739.33,78.00,287.02,1.64,311,102865  
09/12/2013 13:00:00,9.06,80.06,294.00,697.25,77.00,278.53,1.43,308,102838  
09/12/2013 14:00:00,9.45,76.93,209.00,568.47,72.00,270.05,1.23,305,102811  
09/12/2013 15:00:00,9.33,84.48,103.00,451.97,42.00,268.88,1.68,306,102828  
09/12/2013 16:00:00,9.21,92.02,0.00,0.00,0.00,267.72,2.13,307,102845  
09/12/2013 17:00:00,9.09,99.57,0.00,-0.00,0.00,266.55,2.58,308,102861  
09/12/2013 18:00:00,8.96,99.71,0.00,-0.00,0.00,268.87,2.46,312,102881  
09/12/2013 19:00:00,8.82,99.86,0.00,-0.00,0.00,271.18,2.34,317,102901  
09/12/2013 20:00:00,8.69,100.00,0.00,-0.00,0.00,273.50,2.22,322,102921  
09/12/2013 21:00:00,8.64,100.00,0.00,-0.00,0.00,271.80,2.16,320,102915

09/12/2013 22:00:00,8.59,100.00,0.00,-0.00,0.00,270.10,2.10,318,102908  
09/12/2013 23:00:00,8.54,100.00,0.00,-0.00,0.00,268.40,2.04,316,102901  
10/12/2013 00:00:00,8.36,100.00,0.00,-0.00,0.00,269.03,2.06,307,102918  
10/12/2013 01:00:00,8.19,100.00,0.00,-0.00,0.00,269.67,2.07,297,102935  
10/12/2013 02:00:00,8.01,100.00,0.00,-0.00,0.00,270.30,2.08,288,102951  
10/12/2013 03:00:00,7.83,100.00,0.00,-0.00,0.00,274.00,2.09,292,102948  
10/12/2013 04:00:00,7.65,100.00,0.00,-0.00,0.00,277.70,2.10,297,102945  
10/12/2013 05:00:00,7.47,100.00,0.00,-0.00,0.00,281.40,2.11,301,102941  
10/12/2013 06:00:00,7.49,98.63,0.00,-0.00,0.00,290.07,2.17,306,102951  
10/12/2013 07:00:00,7.52,97.26,0.00,-0.00,0.00,298.73,2.22,312,102961  
10/12/2013 08:00:00,7.54,95.89,27.00,186.30,17.00,307.40,2.28,317,102971  
10/12/2013 09:00:00,7.76,90.58,145.00,505.08,55.00,316.00,2.10,320,102974  
10/12/2013 10:00:00,7.97,85.26,249.00,660.28,70.00,324.60,1.92,323,102978  
10/12/2013 11:00:00,8.19,79.95,311.00,711.51,79.00,333.20,1.74,326,102981  
10/12/2013 12:00:00,8.39,79.49,326.00,721.96,81.00,326.87,1.68,320,102964  
10/12/2013 13:00:00,8.59,79.04,293.00,696.66,77.00,320.53,1.63,313,102948  
10/12/2013 14:00:00,8.79,78.58,207.00,557.98,73.00,314.20,1.57,307,102931  
10/12/2013 15:00:00,8.79,84.62,102.00,446.33,42.00,300.95,1.96,306,102945  
10/12/2013 16:00:00,8.78,90.67,0.00,0.00,0.00,287.70,2.35,305,102958  
10/12/2013 17:00:00,8.77,96.71,0.00,-0.00,0.00,274.45,2.74,304,102971  
10/12/2013 18:00:00,8.83,96.70,0.00,-0.00,0.00,269.03,2.65,306,102978  
10/12/2013 19:00:00,8.89,96.69,0.00,-0.00,0.00,263.62,2.56,309,102984  
10/12/2013 20:00:00,8.95,96.68,0.00,-0.00,0.00,258.20,2.47,311,102991  
10/12/2013 21:00:00,9.01,96.12,0.00,-0.00,0.00,257.42,2.58,313,102961  
10/12/2013 22:00:00,9.07,95.55,0.00,-0.00,0.00,256.63,2.70,316,102931  
10/12/2013 23:00:00,9.13,94.99,0.00,-0.00,0.00,255.85,2.81,318,102901  
11/12/2013 00:00:00,8.95,94.23,0.00,-0.00,0.00,256.27,2.77,314,102871  
11/12/2013 01:00:00,8.78,93.48,0.00,-0.00,0.00,256.68,2.73,310,102841  
11/12/2013 02:00:00,8.60,92.72,0.00,-0.00,0.00,257.10,2.69,306,102811  
11/12/2013 03:00:00,8.48,91.10,0.00,-0.00,0.00,256.98,2.88,308,102785  
11/12/2013 04:00:00,8.36,89.47,0.00,-0.00,0.00,256.87,3.08,309,102758  
11/12/2013 05:00:00,8.24,87.85,0.00,-0.00,0.00,256.75,3.27,310,102732  
11/12/2013 06:00:00,8.43,87.37,0.00,-0.00,0.00,256.88,3.43,314,102742  
11/12/2013 07:00:00,8.62,86.88,0.00,-0.00,0.00,257.02,3.59,317,102751  
11/12/2013 08:00:00,8.81,86.40,25.00,155.58,17.00,257.15,3.75,320,102761  
11/12/2013 09:00:00,9.37,82.15,142.00,494.16,55.00,257.83,3.47,324,102748  
11/12/2013 10:00:00,9.93,77.89,245.00,646.46,71.00,258.52,3.18,328,102735  
11/12/2013 11:00:00,10.49,73.64,311.00,724.44,76.00,259.20,2.90,332,102722  
11/12/2013 12:00:00,10.80,74.03,328.00,748.57,75.00,260.72,2.63,328,102668  
11/12/2013 13:00:00,11.12,74.42,287.00,656.96,84.00,262.23,2.36,324,102615  
11/12/2013 14:00:00,11.43,74.81,211.00,601.42,67.00,263.75,2.10,320,102562  
11/12/2013 15:00:00,11.32,80.81,98.00,395.48,45.00,264.92,2.34,322,102568  
11/12/2013 16:00:00,11.21,86.82,0.00,-0.00,0.00,266.08,2.58,323,102575  
11/12/2013 17:00:00,11.10,92.82,0.00,-0.00,0.00,267.25,2.83,325,102582  
11/12/2013 18:00:00,11.06,95.14,0.00,-0.00,0.00,267.43,2.82,330,102595  
11/12/2013 19:00:00,11.01,97.47,0.00,-0.00,0.00,267.62,2.81,335,102608  
11/12/2013 20:00:00,10.96,99.79,0.00,-0.00,0.00,267.80,2.80,340,102622  
11/12/2013 21:00:00,11.00,99.86,0.00,-0.00,0.00,268.72,2.77,342,102622  
11/12/2013 22:00:00,11.03,99.93,0.00,-0.00,0.00,269.63,2.74,343,102622  
11/12/2013 23:00:00,11.07,100.00,0.00,-0.00,0.00,270.55,2.72,345,102622

12/12/2013 00:00:00,10.77,100.00,0.00,-0.00,0.00,270.47,2.72,339,102622  
12/12/2013 01:00:00,10.46,100.00,0.00,-0.00,0.00,270.38,2.73,333,102622  
12/12/2013 02:00:00,10.15,100.00,0.00,-0.00,0.00,270.30,2.73,328,102622  
12/12/2013 03:00:00,10.04,100.00,0.00,-0.00,0.00,269.88,2.80,331,102615  
12/12/2013 04:00:00,9.92,100.00,0.00,-0.00,0.00,269.47,2.87,334,102608  
12/12/2013 05:00:00,9.81,100.00,0.00,-0.00,0.00,269.05,2.94,337,102602  
12/12/2013 06:00:00,9.83,100.00,0.00,-0.00,0.00,270.38,2.98,337,102615  
12/12/2013 07:00:00,9.85,100.00,0.00,-0.00,0.00,271.72,3.02,337,102628  
12/12/2013 08:00:00,9.87,100.00,19.00,60.90,16.00,273.05,3.06,337,102642  
12/12/2013 09:00:00,9.83,100.00,135.00,436.72,59.00,278.83,2.90,338,102642  
12/12/2013 10:00:00,9.79,100.00,138.00,67.33,120.00,284.62,2.73,339,102642  
12/12/2013 11:00:00,9.75,100.00,86.00,0.00,86.00,290.40,2.57,340,102642  
12/12/2013 12:00:00,10.02,99.71,92.00,0.00,92.00,285.78,2.17,339,102588  
12/12/2013 13:00:00,10.29,99.41,70.00,0.00,70.00,281.17,1.77,337,102535  
12/12/2013 14:00:00,10.56,99.12,38.00,0.00,38.00,276.55,1.37,336,102482  
12/12/2013 15:00:00,10.44,99.41,51.00,22.44,48.00,276.20,1.68,334,102479  
12/12/2013 16:00:00,10.32,99.71,0.00,-0.00,0.00,275.85,1.99,333,102475  
12/12/2013 17:00:00,10.20,100.00,0.00,-0.00,0.00,275.50,2.30,332,102472  
12/12/2013 18:00:00,10.12,100.00,0.00,-0.00,0.00,275.18,2.39,334,102475  
12/12/2013 19:00:00,10.04,100.00,0.00,-0.00,0.00,274.87,2.48,336,102479  
12/12/2013 20:00:00,9.96,100.00,0.00,-0.00,0.00,274.55,2.57,338,102482  
12/12/2013 21:00:00,10.05,100.00,0.00,-0.00,0.00,274.65,2.50,338,102459  
12/12/2013 22:00:00,10.14,100.00,0.00,-0.00,0.00,274.75,2.43,338,102435  
12/12/2013 23:00:00,10.22,100.00,0.00,-0.00,0.00,274.85,2.36,338,102412  
13/12/2013 00:00:00,10.12,100.00,0.00,-0.00,0.00,280.62,2.29,336,102375  
13/12/2013 01:00:00,10.03,100.00,0.00,-0.00,0.00,286.38,2.22,335,102339  
13/12/2013 02:00:00,9.93,100.00,0.00,-0.00,0.00,292.15,2.15,333,102302  
13/12/2013 03:00:00,9.97,100.00,0.00,-0.00,0.00,301.78,2.29,337,102276  
13/12/2013 04:00:00,10.01,100.00,0.00,-0.00,0.00,311.42,2.44,342,102249  
13/12/2013 05:00:00,10.06,100.00,0.00,-0.00,0.00,321.05,2.58,347,102222  
13/12/2013 06:00:00,10.31,100.00,0.00,-0.00,0.00,327.42,2.72,348,102222  
13/12/2013 07:00:00,10.57,100.00,0.00,-0.00,0.00,333.78,2.86,350,102222  
13/12/2013 08:00:00,10.83,100.00,10.00,0.00,10.00,340.15,3.01,351,102222  
13/12/2013 09:00:00,11.09,100.00,33.00,0.00,33.00,343.00,3.17,357,102199  
13/12/2013 10:00:00,11.36,100.00,64.00,0.00,64.00,345.85,3.33,3,102176  
13/12/2013 11:00:00,11.62,100.00,120.00,9.33,117.00,348.70,3.49,9,102152  
13/12/2013 12:00:00,11.79,100.00,127.00,8.94,124.00,344.35,3.60,10,102122  
13/12/2013 13:00:00,11.96,100.00,222.00,266.87,140.00,340.00,3.71,10,102093  
13/12/2013 14:00:00,12.13,100.00,89.00,12.59,86.00,335.65,3.82,10,102063  
13/12/2013 15:00:00,11.99,100.00,20.00,0.00,20.00,336.95,3.53,29,102102  
13/12/2013 16:00:00,11.84,100.00,0.00,-0.00,0.00,338.25,3.23,48,102142  
13/12/2013 17:00:00,11.69,100.00,0.00,-0.00,0.00,339.55,2.94,67,102182  
13/12/2013 18:00:00,11.61,96.47,0.00,-0.00,0.00,341.32,3.33,88,102289  
13/12/2013 19:00:00,11.52,92.94,0.00,-0.00,0.00,343.08,3.72,110,102395  
13/12/2013 20:00:00,11.44,89.41,0.00,-0.00,0.00,344.85,4.11,131,102502  
13/12/2013 21:00:00,11.31,88.53,0.00,-0.00,0.00,332.65,3.50,135,102575  
13/12/2013 22:00:00,11.18,87.66,0.00,-0.00,0.00,320.45,2.89,139,102648  
13/12/2013 23:00:00,11.04,86.78,0.00,-0.00,0.00,308.25,2.28,144,102722  
14/12/2013 00:00:00,10.94,89.38,0.00,-0.00,0.00,298.97,2.35,140,102788  
14/12/2013 01:00:00,10.83,91.99,0.00,-0.00,0.00,289.68,2.42,137,102855

14/12/2013 02:00:00,10.73,94.59,0.00,-0.00,0.00,280.40,2.50,134,102921  
14/12/2013 03:00:00,10.68,96.39,0.00,-0.00,0.00,276.25,2.31,129,102941  
14/12/2013 04:00:00,10.62,98.20,0.00,-0.00,0.00,272.10,2.12,123,102961  
14/12/2013 05:00:00,10.56,100.00,0.00,-0.00,0.00,267.95,1.93,118,102981  
14/12/2013 06:00:00,10.70,100.00,0.00,-0.00,0.00,267.98,2.51,83,102991  
14/12/2013 07:00:00,10.84,100.00,0.00,-0.00,0.00,268.02,3.08,48,103001  
14/12/2013 08:00:00,10.97,100.00,23.00,198.95,14.00,268.05,3.66,14,103011  
14/12/2013 09:00:00,11.23,97.71,147.00,628.35,40.00,271.28,4.39,12,103014  
14/12/2013 10:00:00,11.50,95.42,232.00,571.92,81.00,274.52,5.13,11,103018  
14/12/2013 11:00:00,11.76,93.13,171.00,71.86,148.00,277.75,5.86,10,103021  
14/12/2013 12:00:00,11.48,93.17,205.00,131.51,161.00,282.77,5.43,7,102994  
14/12/2013 13:00:00,11.21,93.21,276.00,593.62,94.00,287.78,5.01,4,102968  
14/12/2013 14:00:00,10.93,93.25,165.00,252.10,105.00,292.80,4.58,1,102941  
14/12/2013 15:00:00,10.76,93.98,107.00,546.86,34.00,297.02,4.59,359,102928  
14/12/2013 16:00:00,10.58,94.71,0.00,0.00,0.00,301.23,4.60,356,102915  
14/12/2013 17:00:00,10.40,95.44,0.00,-0.00,0.00,305.45,4.61,353,102901  
14/12/2013 18:00:00,10.36,94.67,0.00,-0.00,0.00,303.17,5.07,354,102878  
14/12/2013 19:00:00,10.31,93.90,0.00,-0.00,0.00,300.88,5.54,354,102855  
14/12/2013 20:00:00,10.27,93.13,0.00,-0.00,0.00,298.60,6.00,355,102831  
14/12/2013 21:00:00,10.49,94.30,0.00,-0.00,0.00,294.00,5.86,359,102815  
14/12/2013 22:00:00,10.71,95.48,0.00,-0.00,0.00,289.40,5.71,2,102798  
14/12/2013 23:00:00,10.93,96.65,0.00,-0.00,0.00,284.80,5.57,6,102781  
15/12/2013 00:00:00,11.02,97.77,0.00,-0.00,0.00,287.32,5.29,6,102761  
15/12/2013 01:00:00,11.12,98.88,0.00,-0.00,0.00,289.83,5.01,7,102742  
15/12/2013 02:00:00,11.21,100.00,0.00,-0.00,0.00,292.35,4.73,7,102722  
15/12/2013 03:00:00,11.31,100.00,0.00,-0.00,0.00,297.20,4.52,8,102702  
15/12/2013 04:00:00,11.41,100.00,0.00,-0.00,0.00,302.05,4.32,8,102682  
15/12/2013 05:00:00,11.52,100.00,0.00,-0.00,0.00,306.90,4.11,8,102662  
15/12/2013 06:00:00,11.57,99.88,0.00,-0.00,0.00,302.58,4.40,6,102675  
15/12/2013 07:00:00,11.62,99.77,0.00,-0.00,0.00,298.27,4.69,4,102688  
15/12/2013 08:00:00,11.67,99.65,3.00,0.00,3.00,293.95,4.98,2,102702  
15/12/2013 09:00:00,11.73,94.23,18.00,0.00,18.00,294.87,5.05,3,102685  
15/12/2013 10:00:00,11.80,88.81,93.00,7.62,91.00,295.78,5.13,5,102668  
15/12/2013 11:00:00,11.86,83.39,67.00,0.00,67.00,296.70,5.20,6,102652  
15/12/2013 12:00:00,11.68,84.33,105.00,0.00,105.00,308.92,5.04,8,102618  
15/12/2013 13:00:00,11.50,85.26,188.00,137.24,146.00,321.13,4.88,10,102585  
15/12/2013 14:00:00,11.32,86.20,103.00,29.44,96.00,333.35,4.72,11,102552  
15/12/2013 15:00:00,10.93,90.35,49.00,22.46,46.00,333.42,4.62,9,102572  
15/12/2013 16:00:00,10.54,94.49,0.00,0.00,0.00,333.48,4.51,6,102592  
15/12/2013 17:00:00,10.15,98.64,0.00,-0.00,0.00,333.55,4.41,4,102612  
15/12/2013 18:00:00,10.00,99.09,0.00,-0.00,0.00,332.18,4.50,4,102618  
15/12/2013 19:00:00,9.84,99.55,0.00,-0.00,0.00,330.82,4.59,5,102625  
15/12/2013 20:00:00,9.69,100.00,0.00,-0.00,0.00,329.45,4.68,5,102632  
15/12/2013 21:00:00,9.87,100.00,0.00,-0.00,0.00,321.90,4.58,6,102608  
15/12/2013 22:00:00,10.05,100.00,0.00,-0.00,0.00,314.35,4.48,8,102585  
15/12/2013 23:00:00,10.22,100.00,0.00,-0.00,0.00,306.80,4.39,9,102562  
16/12/2013 00:00:00,10.47,100.00,0.00,-0.00,0.00,295.83,4.51,4,102502  
16/12/2013 01:00:00,10.72,100.00,0.00,-0.00,0.00,284.87,4.63,359,102442  
16/12/2013 02:00:00,10.97,100.00,0.00,-0.00,0.00,273.90,4.74,355,102382  
16/12/2013 03:00:00,11.07,100.00,0.00,-0.00,0.00,275.23,4.72,357,102355



16/12/2013 04:00:00,11.17,100.00,0.00,-0.00,0.00,276.57,4.70,358,102329  
16/12/2013 05:00:00,11.27,100.00,0.00,-0.00,0.00,277.90,4.68,0,102302  
16/12/2013 06:00:00,11.43,100.00,0.00,-0.00,0.00,279.47,4.64,0,102325  
16/12/2013 07:00:00,11.60,100.00,0.00,-0.00,0.00,281.03,4.60,1,102349  
16/12/2013 08:00:00,11.76,100.00,14.00,48.05,12.00,282.60,4.57,1,102372  
16/12/2013 09:00:00,11.94,96.73,134.00,497.04,51.00,284.92,4.59,2,102359  
16/12/2013 10:00:00,12.11,93.46,231.00,589.63,77.00,287.23,4.62,2,102345  
16/12/2013 11:00:00,12.29,90.19,305.00,733.20,72.00,289.55,4.65,3,102332  
16/12/2013 12:00:00,12.29,88.33,319.00,717.84,80.00,287.15,4.69,359,102282  
16/12/2013 13:00:00,12.28,86.47,280.00,628.24,88.00,284.75,4.72,356,102232  
16/12/2013 14:00:00,12.28,84.61,209.00,597.46,67.00,282.35,4.76,352,102182  
16/12/2013 15:00:00,12.04,89.74,102.00,471.06,39.00,282.23,4.52,349,102186  
16/12/2013 16:00:00,11.80,94.87,0.00,0.00,0.00,282.12,4.29,347,102189  
16/12/2013 17:00:00,11.55,100.00,0.00,-0.00,0.00,282.00,4.06,344,102192  
16/12/2013 18:00:00,11.44,100.00,0.00,-0.00,0.00,281.20,4.18,346,102186  
16/12/2013 19:00:00,11.32,100.00,0.00,-0.00,0.00,280.40,4.31,348,102179  
16/12/2013 20:00:00,11.20,100.00,0.00,-0.00,0.00,279.60,4.44,349,102172  
16/12/2013 21:00:00,11.28,100.00,0.00,-0.00,0.00,279.25,4.45,350,102156  
16/12/2013 22:00:00,11.37,100.00,0.00,-0.00,0.00,278.90,4.46,352,102139  
16/12/2013 23:00:00,11.45,100.00,0.00,-0.00,0.00,278.55,4.47,353,102122  
17/12/2013 00:00:00,11.31,100.00,0.00,-0.00,0.00,277.47,4.24,348,102109  
17/12/2013 01:00:00,11.16,100.00,0.00,-0.00,0.00,276.38,4.02,344,102096  
17/12/2013 02:00:00,11.02,100.00,0.00,-0.00,0.00,275.30,3.79,339,102083  
17/12/2013 03:00:00,11.04,100.00,0.00,-0.00,0.00,277.45,3.94,341,102079  
17/12/2013 04:00:00,11.06,100.00,0.00,-0.00,0.00,279.60,4.08,343,102076  
17/12/2013 05:00:00,11.09,100.00,0.00,-0.00,0.00,281.75,4.22,346,102073  
17/12/2013 06:00:00,11.28,100.00,0.00,-0.00,0.00,285.50,4.53,348,102096  
17/12/2013 07:00:00,11.48,100.00,0.00,-0.00,0.00,289.25,4.85,351,102119  
17/12/2013 08:00:00,11.67,100.00,12.00,0.00,12.00,293.00,5.16,354,102142  
17/12/2013 09:00:00,11.93,98.14,76.00,54.38,67.00,295.45,4.83,358,102106  
17/12/2013 10:00:00,12.19,96.27,185.00,269.29,115.00,297.90,4.50,3,102069  
17/12/2013 11:00:00,12.45,94.41,237.00,303.00,141.00,300.35,4.17,7,102033  
17/12/2013 12:00:00,12.33,94.79,209.00,147.45,160.00,308.43,4.75,12,101983  
17/12/2013 13:00:00,12.20,95.16,211.00,225.99,142.00,316.52,5.33,16,101933  
17/12/2013 14:00:00,12.08,95.54,110.00,42.07,100.00,324.60,5.92,21,101883  
17/12/2013 15:00:00,11.79,96.00,67.00,89.52,55.00,321.90,5.53,26,101909  
17/12/2013 16:00:00,11.50,96.46,0.00,0.00,0.00,319.20,5.14,31,101936  
17/12/2013 17:00:00,11.21,96.92,0.00,-0.00,0.00,316.50,4.76,36,101963  
17/12/2013 18:00:00,10.98,96.00,0.00,-0.00,0.00,316.13,4.43,39,101983  
17/12/2013 19:00:00,10.76,95.07,0.00,-0.00,0.00,315.77,4.11,42,102003  
17/12/2013 20:00:00,10.53,94.15,0.00,-0.00,0.00,315.40,3.78,44,102023  
17/12/2013 21:00:00,10.46,93.68,0.00,-0.00,0.00,317.33,3.43,45,102023  
17/12/2013 22:00:00,10.39,93.20,0.00,-0.00,0.00,319.27,3.08,47,102023  
17/12/2013 23:00:00,10.32,92.73,0.00,-0.00,0.00,321.20,2.73,48,102023  
18/12/2013 00:00:00,10.33,95.07,0.00,-0.00,0.00,324.32,2.75,39,102013  
18/12/2013 01:00:00,10.33,97.40,0.00,-0.00,0.00,327.43,2.77,29,102003  
18/12/2013 02:00:00,10.34,99.74,0.00,-0.00,0.00,330.55,2.79,20,101993  
18/12/2013 03:00:00,10.46,99.35,0.00,-0.00,0.00,325.98,2.92,21,101963  
18/12/2013 04:00:00,10.58,98.96,0.00,-0.00,0.00,321.42,3.06,22,101933  
18/12/2013 05:00:00,10.69,98.57,0.00,-0.00,0.00,316.85,3.20,24,101903

18/12/2013 06:00:00,10.92,97.59,0.00,-0.00,0.00,315.12,3.44,21,101879  
18/12/2013 07:00:00,11.14,96.61,0.00,-0.00,0.00,313.38,3.68,19,101856  
18/12/2013 08:00:00,11.36,95.63,0.00,0.00,0.00,311.65,3.92,16,101833  
18/12/2013 09:00:00,11.58,92.59,130.00,475.22,52.00,308.82,4.30,19,101750  
18/12/2013 10:00:00,11.79,89.55,238.00,672.30,64.00,305.98,4.69,21,101666  
18/12/2013 11:00:00,12.01,86.51,280.00,553.79,105.00,303.15,5.08,23,101583  
18/12/2013 12:00:00,12.10,84.03,221.00,186.86,159.00,306.97,5.90,21,101450  
18/12/2013 13:00:00,12.18,81.55,207.00,213.01,142.00,310.78,6.73,19,101317  
18/12/2013 14:00:00,12.27,79.07,119.00,63.07,104.00,314.60,7.56,17,101184  
18/12/2013 15:00:00,12.14,80.66,52.00,29.75,48.00,321.52,7.83,14,101061  
18/12/2013 16:00:00,12.01,82.25,0.00,0.00,0.00,328.43,8.11,11,100938  
18/12/2013 17:00:00,11.88,83.84,0.00,-0.00,0.00,335.35,8.39,8,100814  
18/12/2013 18:00:00,11.72,88.08,0.00,-0.00,0.00,336.73,8.88,11,100691  
18/12/2013 19:00:00,11.55,92.31,0.00,-0.00,0.00,338.12,9.37,13,100568  
18/12/2013 20:00:00,11.38,96.55,0.00,-0.00,0.00,339.50,9.86,15,100445  
18/12/2013 21:00:00,11.54,93.96,0.00,-0.00,0.00,348.43,9.75,28,100438  
18/12/2013 22:00:00,11.71,91.36,0.00,-0.00,0.00,357.37,9.64,40,100432  
18/12/2013 23:00:00,11.87,88.77,0.00,-0.00,0.00,366.30,9.53,53,100425  
19/12/2013 00:00:00,11.66,85.48,0.00,-0.00,0.00,356.87,8.44,62,100432  
19/12/2013 01:00:00,11.46,82.20,0.00,-0.00,0.00,347.43,7.35,72,100438  
19/12/2013 02:00:00,11.25,78.91,0.00,-0.00,0.00,338.00,6.26,82,100445  
19/12/2013 03:00:00,10.96,80.55,0.00,-0.00,0.00,324.07,6.14,81,100515  
19/12/2013 04:00:00,10.66,82.20,0.00,-0.00,0.00,310.13,6.01,81,100585  
19/12/2013 05:00:00,10.36,83.84,0.00,-0.00,0.00,296.20,5.89,81,100655  
19/12/2013 06:00:00,10.35,85.22,0.00,-0.00,0.00,302.77,5.09,79,100718  
19/12/2013 07:00:00,10.34,86.59,0.00,-0.00,0.00,309.33,4.29,77,100781  
19/12/2013 08:00:00,10.33,87.97,0.00,0.00,0.00,315.90,3.49,75,100844  
19/12/2013 09:00:00,10.51,82.41,134.00,540.28,46.00,319.10,3.37,72,100831  
19/12/2013 10:00:00,10.68,76.84,238.00,682.68,62.00,322.30,3.26,69,100818  
19/12/2013 11:00:00,10.86,71.28,302.00,729.48,72.00,325.50,3.14,66,100804  
19/12/2013 12:00:00,10.95,69.37,296.00,564.23,109.00,315.15,3.13,60,100804  
19/12/2013 13:00:00,11.04,67.47,190.00,147.49,145.00,304.80,3.11,55,100804  
19/12/2013 14:00:00,11.13,65.56,218.00,684.58,55.00,294.45,3.09,50,100804  
19/12/2013 15:00:00,10.73,73.61,107.00,533.29,35.00,299.82,3.27,48,100828  
19/12/2013 16:00:00,10.33,81.66,0.00,0.00,0.00,305.18,3.45,46,100851  
19/12/2013 17:00:00,9.93,89.71,0.00,-0.00,0.00,310.55,3.63,44,100874  
19/12/2013 18:00:00,9.55,90.73,0.00,-0.00,0.00,313.65,3.31,65,100974  
19/12/2013 19:00:00,9.16,91.76,0.00,-0.00,0.00,316.75,2.99,85,101074  
19/12/2013 20:00:00,8.77,92.78,0.00,-0.00,0.00,319.85,2.68,106,101174  
19/12/2013 21:00:00,8.84,90.81,0.00,-0.00,0.00,309.32,3.25,116,101304  
19/12/2013 22:00:00,8.91,88.85,0.00,-0.00,0.00,298.78,3.83,127,101434  
19/12/2013 23:00:00,8.98,86.88,0.00,-0.00,0.00,288.25,4.40,138,101563  
20/12/2013 00:00:00,9.00,86.24,0.00,-0.00,0.00,283.37,3.77,138,101713  
20/12/2013 01:00:00,9.02,85.61,0.00,-0.00,0.00,278.48,3.15,138,101863  
20/12/2013 02:00:00,9.04,84.97,0.00,-0.00,0.00,273.60,2.52,138,102013  
20/12/2013 03:00:00,9.06,87.46,0.00,-0.00,0.00,273.55,2.69,136,102106  
20/12/2013 04:00:00,9.08,89.95,0.00,-0.00,0.00,273.50,2.85,134,102199  
20/12/2013 05:00:00,9.10,92.44,0.00,-0.00,0.00,273.45,3.01,132,102292  
20/12/2013 06:00:00,9.32,92.95,0.00,-0.00,0.00,273.25,2.56,124,102402  
20/12/2013 07:00:00,9.55,93.47,0.00,-0.00,0.00,273.05,2.11,116,102512

20/12/2013 08:00:00,9.77,93.98,0.00,0.00,0.00,272.85,1.66,108,102622  
20/12/2013 09:00:00,10.14,87.24,122.00,408.07,56.00,275.22,2.09,96,102688  
20/12/2013 10:00:00,10.52,80.49,234.00,657.78,65.00,277.58,2.52,84,102755  
20/12/2013 11:00:00,10.89,73.75,298.00,702.23,77.00,279.95,2.95,72,102821  
20/12/2013 12:00:00,10.94,73.36,315.00,703.56,82.00,276.13,3.11,53,102851  
20/12/2013 13:00:00,10.98,72.97,279.00,629.15,87.00,272.32,3.27,34,102881  
20/12/2013 14:00:00,11.03,72.58,197.00,482.20,82.00,268.50,3.43,15,102911  
20/12/2013 15:00:00,10.93,75.37,30.00,0.00,30.00,268.37,3.72,15,102921  
20/12/2013 16:00:00,10.83,78.17,0.00,0.00,0.00,268.23,4.01,16,102931  
20/12/2013 17:00:00,10.72,80.96,0.00,-0.00,0.00,268.10,4.30,16,102941  
20/12/2013 18:00:00,10.77,80.28,0.00,-0.00,0.00,276.77,4.31,18,102945  
20/12/2013 19:00:00,10.82,79.60,0.00,-0.00,0.00,285.43,4.31,19,102948  
20/12/2013 20:00:00,10.87,78.92,0.00,-0.00,0.00,294.10,4.32,20,102951  
20/12/2013 21:00:00,10.95,78.25,0.00,-0.00,0.00,303.35,4.42,20,102928  
20/12/2013 22:00:00,11.03,77.59,0.00,-0.00,0.00,312.60,4.52,21,102905  
20/12/2013 23:00:00,11.11,76.92,0.00,-0.00,0.00,321.85,4.62,21,102881  
21/12/2013 00:00:00,11.06,76.65,0.00,-0.00,0.00,314.82,4.83,18,102845  
21/12/2013 01:00:00,11.00,76.38,0.00,-0.00,0.00,307.78,5.03,15,102808  
21/12/2013 02:00:00,10.95,76.11,0.00,-0.00,0.00,300.75,5.24,12,102771  
21/12/2013 03:00:00,10.86,76.56,0.00,-0.00,0.00,297.47,5.39,10,102735  
21/12/2013 04:00:00,10.77,77.02,0.00,-0.00,0.00,294.18,5.54,9,102698  
21/12/2013 05:00:00,10.69,77.47,0.00,-0.00,0.00,290.90,5.68,7,102662  
21/12/2013 06:00:00,10.68,79.46,0.00,-0.00,0.00,295.85,5.91,6,102625  
21/12/2013 07:00:00,10.68,81.45,0.00,-0.00,0.00,300.80,6.13,5,102588  
21/12/2013 08:00:00,10.67,83.44,0.00,0.00,0.00,305.75,6.36,4,102552  
21/12/2013 09:00:00,10.78,84.24,52.00,6.22,51.00,305.47,7.01,6,102502  
21/12/2013 10:00:00,10.88,85.05,119.00,42.94,108.00,305.18,7.66,7,102452  
21/12/2013 11:00:00,10.99,85.85,187.00,120.92,149.00,304.90,8.32,9,102402  
21/12/2013 12:00:00,11.19,86.15,189.00,96.66,157.00,309.48,8.11,10,102309  
21/12/2013 13:00:00,11.40,86.45,203.00,193.20,144.00,314.07,7.91,12,102216  
21/12/2013 14:00:00,11.60,86.75,137.00,121.34,108.00,318.65,7.71,13,102122  
21/12/2013 15:00:00,11.61,90.63,42.00,7.33,41.00,323.25,7.71,16,102099  
21/12/2013 16:00:00,11.61,94.50,0.00,0.00,0.00,327.85,7.72,18,102076  
21/12/2013 17:00:00,11.61,98.38,0.00,-0.00,0.00,332.45,7.72,21,102053  
21/12/2013 18:00:00,11.64,98.92,0.00,-0.00,0.00,338.80,7.49,25,102043  
21/12/2013 19:00:00,11.66,99.46,0.00,-0.00,0.00,345.15,7.26,28,102033  
21/12/2013 20:00:00,11.68,100.00,0.00,-0.00,0.00,351.50,7.03,32,102023  
21/12/2013 21:00:00,11.77,98.83,0.00,-0.00,0.00,351.55,7.09,34,102006  
21/12/2013 22:00:00,11.86,97.66,0.00,-0.00,0.00,351.60,7.15,36,101989  
21/12/2013 23:00:00,11.95,96.49,0.00,-0.00,0.00,351.65,7.21,38,101973  
22/12/2013 00:00:00,11.94,96.27,0.00,-0.00,0.00,352.20,7.15,38,101956  
22/12/2013 01:00:00,11.93,96.06,0.00,-0.00,0.00,352.75,7.09,39,101939  
22/12/2013 02:00:00,11.92,95.84,0.00,-0.00,0.00,353.30,7.02,39,101923  
22/12/2013 03:00:00,11.82,95.50,0.00,-0.00,0.00,348.35,7.11,41,101889  
22/12/2013 04:00:00,11.72,95.15,0.00,-0.00,0.00,343.40,7.20,44,101856  
22/12/2013 05:00:00,11.62,94.81,0.00,-0.00,0.00,338.45,7.30,46,101823  
22/12/2013 06:00:00,11.77,94.09,0.00,-0.00,0.00,341.90,7.43,47,101826  
22/12/2013 07:00:00,11.91,93.38,0.00,-0.00,0.00,345.35,7.55,49,101830  
22/12/2013 08:00:00,12.05,92.66,0.00,0.00,0.00,348.80,7.68,50,101833  
22/12/2013 09:00:00,12.09,90.90,40.00,0.00,40.00,345.73,7.56,52,101833

22/12/2013 10:00:00,12.12,89.14,216.00,508.77,86.00,342.67,7.43,54,101833  
22/12/2013 11:00:00,12.16,87.38,213.00,207.05,148.00,339.60,7.31,57,101833  
22/12/2013 12:00:00,12.03,86.30,128.00,9.06,125.00,335.68,7.49,58,101840  
22/12/2013 13:00:00,11.91,85.22,57.00,0.00,57.00,331.77,7.66,60,101846  
22/12/2013 14:00:00,11.78,84.14,49.00,0.00,49.00,327.85,7.83,61,101853  
22/12/2013 15:00:00,11.57,85.69,81.00,182.02,56.00,325.50,7.07,63,101893  
22/12/2013 16:00:00,11.36,87.25,0.00,0.00,0.00,323.15,6.30,65,101933  
22/12/2013 17:00:00,11.14,88.80,0.00,-0.00,0.00,320.80,5.53,68,101973  
22/12/2013 18:00:00,11.10,89.33,0.00,-0.00,0.00,321.37,5.00,67,102003  
22/12/2013 19:00:00,11.05,89.85,0.00,-0.00,0.00,321.93,4.46,66,102033  
22/12/2013 20:00:00,11.01,90.38,0.00,-0.00,0.00,322.50,3.93,66,102063  
22/12/2013 21:00:00,11.02,90.86,0.00,-0.00,0.00,321.98,3.85,63,102059  
22/12/2013 22:00:00,11.02,91.33,0.00,-0.00,0.00,321.47,3.77,59,102056  
22/12/2013 23:00:00,11.03,91.81,0.00,-0.00,0.00,320.95,3.70,56,102053  
23/12/2013 00:00:00,11.00,91.76,0.00,-0.00,0.00,321.92,3.94,52,102006  
23/12/2013 01:00:00,10.96,91.71,0.00,-0.00,0.00,322.88,4.18,48,101959  
23/12/2013 02:00:00,10.93,91.66,0.00,-0.00,0.00,323.85,4.43,43,101913  
23/12/2013 03:00:00,10.99,92.60,0.00,-0.00,0.00,322.78,4.78,38,101823  
23/12/2013 04:00:00,11.05,93.54,0.00,-0.00,0.00,321.72,5.14,33,101733  
23/12/2013 05:00:00,11.11,94.48,0.00,-0.00,0.00,320.65,5.49,27,101643  
23/12/2013 06:00:00,11.34,93.69,0.00,-0.00,0.00,314.25,6.17,24,101563  
23/12/2013 07:00:00,11.57,92.89,0.00,-0.00,0.00,307.85,6.85,20,101483  
23/12/2013 08:00:00,11.79,92.10,0.00,0.00,0.00,301.45,7.53,16,101404  
23/12/2013 09:00:00,11.91,91.43,62.00,25.16,58.00,300.05,8.43,16,101300  
23/12/2013 10:00:00,12.04,90.77,139.00,90.20,116.00,298.65,9.32,16,101197  
23/12/2013 11:00:00,12.16,90.10,109.00,3.19,108.00,297.25,10.22,15,101094  
23/12/2013 12:00:00,12.30,89.73,175.00,66.43,153.00,302.28,10.30,18,100924  
23/12/2013 13:00:00,12.45,89.37,113.00,9.80,110.00,307.32,10.38,20,100755  
23/12/2013 14:00:00,12.59,89.00,75.00,4.16,74.00,312.35,10.46,23,100585  
23/12/2013 15:00:00,12.50,90.50,58.00,43.36,52.00,319.65,10.64,22,100492  
23/12/2013 16:00:00,12.41,92.00,0.00,0.00,0.00,326.95,10.82,21,100398  
23/12/2013 17:00:00,12.31,93.50,0.00,-0.00,0.00,334.25,11.01,20,100305  
23/12/2013 18:00:00,12.36,92.86,0.00,-0.00,0.00,337.83,11.04,19,100195  
23/12/2013 19:00:00,12.40,92.21,0.00,-0.00,0.00,341.42,11.07,18,100086  
23/12/2013 20:00:00,12.45,91.57,0.00,-0.00,0.00,345.00,11.10,18,99976  
23/12/2013 21:00:00,12.20,92.72,0.00,-0.00,0.00,345.68,11.64,18,99849  
23/12/2013 22:00:00,11.94,93.87,0.00,-0.00,0.00,346.37,12.18,18,99723  
23/12/2013 23:00:00,11.69,95.02,0.00,-0.00,0.00,347.05,12.72,19,99596  
24/12/2013 00:00:00,11.69,95.46,0.00,-0.00,0.00,349.83,12.63,17,99470  
24/12/2013 01:00:00,11.69,95.91,0.00,-0.00,0.00,352.62,12.55,15,99343  
24/12/2013 02:00:00,11.69,96.35,0.00,-0.00,0.00,355.40,12.47,14,99217  
24/12/2013 03:00:00,11.66,97.57,0.00,-0.00,0.00,356.12,12.43,14,99094  
24/12/2013 04:00:00,11.63,98.78,0.00,-0.00,0.00,356.83,12.39,15,98971  
24/12/2013 05:00:00,11.61,100.00,0.00,-0.00,0.00,357.55,12.34,16,98848  
24/12/2013 06:00:00,11.60,99.36,0.00,-0.00,0.00,359.80,12.16,15,98798  
24/12/2013 07:00:00,11.59,98.73,0.00,-0.00,0.00,362.05,11.97,14,98748  
24/12/2013 08:00:00,11.58,98.09,0.00,0.00,0.00,364.30,11.78,14,98698  
24/12/2013 09:00:00,11.32,95.71,24.00,0.00,24.00,365.55,9.46,19,98674  
24/12/2013 10:00:00,11.05,93.33,33.00,0.00,33.00,366.80,7.14,24,98651  
24/12/2013 11:00:00,10.79,90.95,56.00,0.00,56.00,368.05,4.81,29,98628

24/12/2013 12:00:00,10.89,90.81,42.00,0.00,42.00,367.97,4.64,31,98631  
24/12/2013 13:00:00,10.98,90.67,67.00,0.00,67.00,367.88,4.47,33,98635  
24/12/2013 14:00:00,11.08,90.53,90.00,12.43,87.00,367.80,4.30,35,98638  
24/12/2013 15:00:00,10.72,90.52,35.00,0.00,35.00,366.02,4.59,40,98598  
24/12/2013 16:00:00,10.36,90.52,0.00,0.00,0.00,364.23,4.87,45,98558  
24/12/2013 17:00:00,9.99,90.51,0.00,-0.00,0.00,362.45,5.16,50,98518  
24/12/2013 18:00:00,9.86,91.21,0.00,-0.00,0.00,356.52,5.43,54,98505  
24/12/2013 19:00:00,9.74,91.90,0.00,-0.00,0.00,350.58,5.71,58,98491  
24/12/2013 20:00:00,9.61,92.60,0.00,-0.00,0.00,344.65,5.99,61,98478  
24/12/2013 21:00:00,9.42,91.08,0.00,-0.00,0.00,340.13,5.34,64,98511  
24/12/2013 22:00:00,9.23,89.55,0.00,-0.00,0.00,335.62,4.69,67,98545  
24/12/2013 23:00:00,9.03,88.03,0.00,-0.00,0.00,331.10,4.04,69,98578  
25/12/2013 00:00:00,9.12,85.01,0.00,-0.00,0.00,326.83,3.94,67,98638  
25/12/2013 01:00:00,9.22,81.98,0.00,-0.00,0.00,322.57,3.83,65,98698  
25/12/2013 02:00:00,9.31,78.96,0.00,-0.00,0.00,318.30,3.72,63,98758  
25/12/2013 03:00:00,9.27,79.07,0.00,-0.00,0.00,315.62,3.73,56,98754  
25/12/2013 04:00:00,9.23,79.17,0.00,-0.00,0.00,312.93,3.74,50,98751  
25/12/2013 05:00:00,9.19,79.28,0.00,-0.00,0.00,310.25,3.75,43,98748  
25/12/2013 06:00:00,9.32,78.86,0.00,-0.00,0.00,306.88,3.86,36,98721  
25/12/2013 07:00:00,9.45,78.43,0.00,-0.00,0.00,303.52,3.96,29,98694  
25/12/2013 08:00:00,9.58,78.01,0.00,0.00,0.00,300.15,4.07,22,98668  
25/12/2013 09:00:00,9.27,80.00,81.00,95.07,66.00,304.72,4.14,25,98628  
25/12/2013 10:00:00,8.95,81.98,20.00,0.00,20.00,309.28,4.21,27,98588  
25/12/2013 11:00:00,8.64,83.97,96.00,0.00,96.00,313.85,4.28,30,98548  
25/12/2013 12:00:00,8.78,85.00,87.00,0.00,87.00,315.00,4.62,34,98538  
25/12/2013 13:00:00,8.92,86.03,303.00,813.14,53.00,316.15,4.97,37,98528  
25/12/2013 14:00:00,9.06,87.06,131.00,90.80,109.00,317.30,5.31,41,98518  
25/12/2013 15:00:00,8.80,88.82,58.00,35.53,53.00,316.83,4.48,44,98528  
25/12/2013 16:00:00,8.54,90.57,0.00,0.00,0.00,316.37,3.66,48,98538  
25/12/2013 17:00:00,8.27,92.33,0.00,-0.00,0.00,315.90,2.83,51,98548  
25/12/2013 18:00:00,8.22,92.01,0.00,-0.00,0.00,312.88,3.11,60,98605  
25/12/2013 19:00:00,8.17,91.69,0.00,-0.00,0.00,309.87,3.39,68,98661  
25/12/2013 20:00:00,8.12,91.37,0.00,-0.00,0.00,306.85,3.67,76,98718  
25/12/2013 21:00:00,8.24,90.67,0.00,-0.00,0.00,302.28,3.61,82,98788  
25/12/2013 22:00:00,8.37,89.96,0.00,-0.00,0.00,297.72,3.55,89,98857  
25/12/2013 23:00:00,8.49,89.26,0.00,-0.00,0.00,293.15,3.49,95,98927  
26/12/2013 00:00:00,8.21,90.41,0.00,-0.00,0.00,293.45,3.67,98,99074  
26/12/2013 01:00:00,7.92,91.55,0.00,-0.00,0.00,293.75,3.86,102,99220  
26/12/2013 02:00:00,7.64,92.70,0.00,-0.00,0.00,294.05,4.04,106,99367  
26/12/2013 03:00:00,7.78,93.30,0.00,-0.00,0.00,292.52,3.71,110,99450  
26/12/2013 04:00:00,7.92,93.89,0.00,-0.00,0.00,290.98,3.37,114,99533  
26/12/2013 05:00:00,8.06,94.49,0.00,-0.00,0.00,289.45,3.03,119,99616  
26/12/2013 06:00:00,8.38,94.08,0.00,-0.00,0.00,289.67,3.31,117,99726  
26/12/2013 07:00:00,8.69,93.66,0.00,-0.00,0.00,289.88,3.60,116,99836  
26/12/2013 08:00:00,9.00,93.25,0.00,0.00,0.00,290.10,3.88,114,99946  
26/12/2013 09:00:00,9.31,89.75,128.00,540.22,43.00,289.92,4.16,113,100032  
26/12/2013 10:00:00,9.62,86.25,240.00,743.55,51.00,289.73,4.45,112,100119  
26/12/2013 11:00:00,9.93,82.75,305.00,767.85,64.00,289.55,4.73,111,100205  
26/12/2013 12:00:00,10.25,80.78,323.00,758.31,71.00,291.63,4.68,108,100269  
26/12/2013 13:00:00,10.58,78.80,304.00,814.19,53.00,293.72,4.63,104,100332

26/12/2013 14:00:00,10.90,76.83,208.00,538.21,77.00,295.80,4.58,101,100395  
26/12/2013 15:00:00,10.88,80.72,111.00,499.67,40.00,294.12,4.02,86,100412  
26/12/2013 16:00:00,10.86,84.62,0.00,0.00,0.00,292.43,3.47,71,100428  
26/12/2013 17:00:00,10.84,88.51,0.00,-0.00,0.00,290.75,2.91,56,100445  
26/12/2013 18:00:00,10.81,89.91,0.00,-0.00,0.00,301.03,3.74,45,100418  
26/12/2013 19:00:00,10.79,91.32,0.00,-0.00,0.00,311.32,4.57,34,100392  
26/12/2013 20:00:00,10.76,92.72,0.00,-0.00,0.00,321.60,5.39,23,100365  
26/12/2013 21:00:00,11.00,95.15,0.00,-0.00,0.00,334.10,6.46,23,100249  
26/12/2013 22:00:00,11.23,97.57,0.00,-0.00,0.00,346.60,7.52,24,100132  
26/12/2013 23:00:00,11.47,100.00,0.00,-0.00,0.00,359.10,8.58,24,100016  
27/12/2013 00:00:00,11.66,99.98,0.00,-0.00,0.00,361.18,8.55,28,99962  
27/12/2013 01:00:00,11.84,99.97,0.00,-0.00,0.00,363.27,8.51,31,99909  
27/12/2013 02:00:00,12.03,99.95,0.00,-0.00,0.00,365.35,8.48,34,99856  
27/12/2013 03:00:00,12.07,99.04,0.00,-0.00,0.00,362.82,8.37,38,99813  
27/12/2013 04:00:00,12.11,98.13,0.00,-0.00,0.00,360.28,8.25,41,99769  
27/12/2013 05:00:00,12.15,97.22,0.00,-0.00,0.00,357.75,8.14,45,99726  
27/12/2013 06:00:00,12.28,96.87,0.00,-0.00,0.00,356.80,8.62,45,99716  
27/12/2013 07:00:00,12.42,96.53,0.00,-0.00,0.00,355.85,9.09,44,99706  
27/12/2013 08:00:00,12.55,96.18,0.00,0.00,0.00,354.90,9.57,44,99696  
27/12/2013 09:00:00,12.78,94.72,19.00,0.00,19.00,344.15,9.80,41,99663  
27/12/2013 10:00:00,13.01,93.26,63.00,0.00,63.00,333.40,10.03,39,99630  
27/12/2013 11:00:00,13.24,91.80,202.00,165.52,150.00,322.65,10.26,37,99596  
27/12/2013 12:00:00,12.95,92.96,79.00,0.00,79.00,329.23,9.88,40,99573  
27/12/2013 13:00:00,12.67,94.11,26.00,0.00,26.00,335.82,9.49,43,99550  
27/12/2013 14:00:00,12.38,95.27,19.00,0.00,19.00,342.40,9.10,47,99526  
27/12/2013 15:00:00,12.25,95.33,32.00,0.00,32.00,344.88,8.80,42,99503  
27/12/2013 16:00:00,12.11,95.40,0.00,0.00,0.00,347.37,8.51,36,99480  
27/12/2013 17:00:00,11.97,95.46,0.00,-0.00,0.00,349.85,8.21,31,99457  
27/12/2013 18:00:00,11.77,95.21,0.00,-0.00,0.00,353.12,7.54,30,99410  
27/12/2013 19:00:00,11.57,94.96,0.00,-0.00,0.00,356.38,6.86,29,99363  
27/12/2013 20:00:00,11.37,94.71,0.00,-0.00,0.00,359.65,6.19,28,99317  
27/12/2013 21:00:00,10.96,93.43,0.00,-0.00,0.00,360.90,5.33,39,99353  
27/12/2013 22:00:00,10.55,92.16,0.00,-0.00,0.00,362.15,4.46,50,99390  
27/12/2013 23:00:00,10.13,90.88,0.00,-0.00,0.00,363.40,3.60,60,99427  
28/12/2013 00:00:00,10.24,89.53,0.00,-0.00,0.00,352.72,3.23,64,99523  
28/12/2013 01:00:00,10.36,88.19,0.00,-0.00,0.00,342.03,2.86,67,99620  
28/12/2013 02:00:00,10.47,86.84,0.00,-0.00,0.00,331.35,2.48,70,99716  
28/12/2013 03:00:00,10.27,88.36,0.00,-0.00,0.00,323.65,2.17,65,99753  
28/12/2013 04:00:00,10.06,89.89,0.00,-0.00,0.00,315.95,1.87,60,99789  
28/12/2013 05:00:00,9.86,91.41,0.00,-0.00,0.00,308.25,1.56,55,99826  
28/12/2013 06:00:00,9.82,92.25,0.00,-0.00,0.00,311.50,2.40,59,99893  
28/12/2013 07:00:00,9.78,93.08,0.00,-0.00,0.00,314.75,3.25,63,99959  
28/12/2013 08:00:00,9.74,93.92,0.00,0.00,0.00,318.00,4.10,68,100026  
28/12/2013 09:00:00,9.51,91.57,16.00,0.00,16.00,320.62,4.14,76,100089  
28/12/2013 10:00:00,9.28,89.22,118.00,43.26,107.00,323.23,4.19,85,100152  
28/12/2013 11:00:00,9.05,86.87,187.00,120.79,149.00,325.85,4.23,93,100215  
28/12/2013 12:00:00,8.99,87.02,33.00,0.00,33.00,317.08,4.70,87,100299  
28/12/2013 13:00:00,8.94,87.18,189.00,132.12,148.00,308.32,5.17,80,100382  
28/12/2013 14:00:00,8.88,87.33,230.00,739.83,48.00,299.55,5.64,74,100465  
28/12/2013 15:00:00,9.01,87.27,109.00,420.26,48.00,298.52,5.44,72,100508

28/12/2013 16:00:00,9.14,87.22,0.00,0.00,0.00,297.48,5.25,71,100552  
28/12/2013 17:00:00,9.27,87.16,0.00,-0.00,0.00,296.45,5.05,70,100595  
28/12/2013 18:00:00,9.24,87.30,0.00,-0.00,0.00,294.13,4.86,73,100658  
28/12/2013 19:00:00,9.22,87.45,0.00,-0.00,0.00,291.82,4.66,76,100721  
28/12/2013 20:00:00,9.19,87.59,0.00,-0.00,0.00,289.50,4.47,79,100785  
28/12/2013 21:00:00,8.92,88.37,0.00,-0.00,0.00,289.42,4.42,83,100868  
28/12/2013 22:00:00,8.66,89.14,0.00,-0.00,0.00,289.33,4.38,87,100951  
28/12/2013 23:00:00,8.39,89.92,0.00,-0.00,0.00,289.25,4.33,91,101034  
29/12/2013 00:00:00,8.51,90.77,0.00,-0.00,0.00,290.15,4.04,92,101117  
29/12/2013 01:00:00,8.63,91.62,0.00,-0.00,0.00,291.05,3.75,93,101201  
29/12/2013 02:00:00,8.75,92.47,0.00,-0.00,0.00,291.95,3.46,94,101284  
29/12/2013 03:00:00,8.35,93.71,0.00,-0.00,0.00,292.23,3.16,100,101360  
29/12/2013 04:00:00,7.94,94.96,0.00,-0.00,0.00,292.52,2.86,105,101437  
29/12/2013 05:00:00,7.53,96.20,0.00,-0.00,0.00,292.80,2.55,111,101513  
29/12/2013 06:00:00,7.83,96.45,0.00,-0.00,0.00,291.97,2.38,114,101633  
29/12/2013 07:00:00,8.13,96.70,0.00,-0.00,0.00,291.13,2.21,117,101753  
29/12/2013 08:00:00,8.43,96.95,0.00,0.00,0.00,290.30,2.04,121,101873  
29/12/2013 09:00:00,8.79,91.25,128.00,535.88,44.00,289.90,2.07,121,101939  
29/12/2013 10:00:00,9.14,85.56,237.00,715.17,55.00,289.50,2.10,120,102006  
29/12/2013 11:00:00,9.50,79.86,306.00,767.90,64.00,289.10,2.12,120,102073  
29/12/2013 12:00:00,9.82,77.88,327.00,774.06,68.00,287.43,2.35,111,102136  
29/12/2013 13:00:00,10.15,75.89,294.00,696.59,77.00,285.77,2.58,102,102199  
29/12/2013 14:00:00,10.47,73.91,190.00,363.67,100.00,284.10,2.81,93,102262  
29/12/2013 15:00:00,10.47,78.91,115.00,490.32,43.00,284.92,2.70,75,102292  
29/12/2013 16:00:00,10.46,83.91,0.00,0.00,0.00,285.73,2.59,58,102322  
29/12/2013 17:00:00,10.45,88.91,0.00,-0.00,0.00,286.55,2.48,40,102352  
29/12/2013 18:00:00,10.51,88.90,0.00,-0.00,0.00,291.37,2.83,33,102355  
29/12/2013 19:00:00,10.56,88.88,0.00,-0.00,0.00,296.18,3.18,26,102359  
29/12/2013 20:00:00,10.61,88.87,0.00,-0.00,0.00,301.00,3.53,18,102362  
29/12/2013 21:00:00,10.67,89.62,0.00,-0.00,0.00,306.27,3.91,19,102329  
29/12/2013 22:00:00,10.73,90.36,0.00,-0.00,0.00,311.53,4.29,19,102296  
29/12/2013 23:00:00,10.79,91.11,0.00,-0.00,0.00,316.80,4.68,20,102262  
30/12/2013 00:00:00,10.83,91.06,0.00,-0.00,0.00,312.20,4.99,18,102209  
30/12/2013 01:00:00,10.87,91.02,0.00,-0.00,0.00,307.60,5.30,17,102156  
30/12/2013 02:00:00,10.91,90.97,0.00,-0.00,0.00,303.00,5.61,16,102102  
30/12/2013 03:00:00,10.94,89.65,0.00,-0.00,0.00,304.75,5.84,12,102053  
30/12/2013 04:00:00,10.97,88.33,0.00,-0.00,0.00,306.50,6.06,9,102003  
30/12/2013 05:00:00,10.99,87.01,0.00,-0.00,0.00,308.25,6.29,6,101953  
30/12/2013 06:00:00,11.01,85.66,0.00,-0.00,0.00,312.50,6.84,4,101903  
30/12/2013 07:00:00,11.03,84.32,0.00,-0.00,0.00,316.75,7.39,2,101853  
30/12/2013 08:00:00,11.05,82.97,0.00,0.00,0.00,321.00,7.94,360,101803  
30/12/2013 09:00:00,10.90,87.86,43.00,0.00,43.00,324.83,8.02,2,101753  
30/12/2013 10:00:00,10.76,92.74,45.00,0.00,45.00,328.67,8.09,5,101703  
30/12/2013 11:00:00,10.61,97.63,140.00,28.50,131.00,332.50,8.17,7,101653  
30/12/2013 12:00:00,10.90,97.75,139.00,17.88,133.00,337.28,7.99,11,101627  
30/12/2013 13:00:00,11.20,97.88,97.00,0.00,97.00,342.07,7.82,15,101600  
30/12/2013 14:00:00,11.49,98.00,131.00,80.30,111.00,346.85,7.64,18,101573  
30/12/2013 15:00:00,11.37,98.59,38.00,0.00,38.00,350.07,7.01,20,101573  
30/12/2013 16:00:00,11.25,99.18,0.00,0.00,0.00,353.28,6.37,21,101573  
30/12/2013 17:00:00,11.13,99.77,0.00,-0.00,0.00,356.50,5.74,22,101573

30/12/2013 18:00:00,11.10,99.85,0.00,-0.00,0.00,357.12,5.60,20,101560  
30/12/2013 19:00:00,11.07,99.92,0.00,-0.00,0.00,357.73,5.47,18,101547  
30/12/2013 20:00:00,11.04,100.00,0.00,-0.00,0.00,358.35,5.34,16,101533  
30/12/2013 21:00:00,11.05,99.79,0.00,-0.00,0.00,357.32,5.81,14,101470  
30/12/2013 22:00:00,11.07,99.58,0.00,-0.00,0.00,356.28,6.29,11,101407  
30/12/2013 23:00:00,11.08,99.37,0.00,-0.00,0.00,355.25,6.76,9,101344  
31/12/2013 00:00:00,11.20,99.10,0.00,-0.00,0.00,346.70,6.75,6,101290  
31/12/2013 01:00:00,11.33,98.84,0.00,-0.00,0.00,338.15,6.74,3,101237  
31/12/2013 02:00:00,11.45,98.57,0.00,-0.00,0.00,329.60,6.73,0,101184  
31/12/2013 03:00:00,11.31,99.05,0.00,-0.00,0.00,331.07,6.68,1,101121  
31/12/2013 04:00:00,11.17,99.52,0.00,-0.00,0.00,332.53,6.63,2,101057  
31/12/2013 05:00:00,11.03,100.00,0.00,-0.00,0.00,334.00,6.58,3,100994  
31/12/2013 06:00:00,11.16,100.00,0.00,-0.00,0.00,331.68,6.91,5,100951  
31/12/2013 07:00:00,11.28,100.00,0.00,-0.00,0.00,329.37,7.25,7,100908  
31/12/2013 08:00:00,11.40,100.00,0.00,0.00,0.00,327.05,7.59,9,100864  
31/12/2013 09:00:00,11.39,100.00,55.00,12.74,53.00,326.35,7.81,12,100804  
31/12/2013 10:00:00,11.37,100.00,78.00,0.00,78.00,325.65,8.03,15,100745  
31/12/2013 11:00:00,11.36,100.00,208.00,183.18,150.00,324.95,8.25,17,100685  
31/12/2013 12:00:00,10.96,97.46,217.00,163.33,162.00,330.07,6.84,31,100675  
31/12/2013 13:00:00,10.55,94.93,39.00,0.00,39.00,335.18,5.43,45,100665  
31/12/2013 14:00:00,10.15,92.39,22.00,0.00,22.00,340.30,4.01,59,100655  
31/12/2013 15:00:00,10.14,91.52,16.00,0.00,16.00,338.90,3.84,60,100701  
31/12/2013 16:00:00,11.46,90.17,0.00,0.00,0.00,315.36,3.40,62,100748  
31/12/2013 17:00:00,10.93,89.72,0.00,-0.00,0.00,315.53,3.60,63,100795  
31/12/2013 18:00:00,10.40,89.28,0.00,-0.00,0.00,315.70,3.80,62,100838  
31/12/2013 19:00:00,9.87,88.84,0.00,-0.00,0.00,315.88,4.00,60,100881  
31/12/2013 20:00:00,9.35,88.40,0.00,-0.00,0.00,316.05,4.20,59,100924  
31/12/2013 21:00:00,8.82,87.96,0.00,-0.00,0.00,316.23,4.40,55,100921  
31/12/2013 22:00:00,8.29,87.52,0.00,-0.00,0.00,316.40,4.60,51,100918  
31/12/2013 23:00:00,7.76,87.07,0.00,-0.00,0.00,316.57,4.80,47,100914