

ByteUprise_DataScience_Task-02

Sai Lakshmi. R

2024-06-24

```
rm(list=ls())

file="C:\\Users\\indum\\Downloads\\AMZN.csv"
df=read.csv(file)
df

##          Date      Open      High       Low     Close
Adj.Close
## 1 1997-05-15 2.437500 2.500000 1.927083 1.958333
1.958333
## 2 1997-05-16 1.968750 1.979167 1.708333 1.729167
1.729167
## 3 1997-05-19 1.760417 1.770833 1.625000 1.708333
1.708333
## 4 1997-05-20 1.729167 1.750000 1.635417 1.635417
1.635417
## 5 1997-05-21 1.635417 1.645833 1.375000 1.427083
1.427083
## 6 1997-05-22 1.437500 1.447917 1.312500 1.395833
1.395833
## 7 1997-05-23 1.406250 1.520833 1.333333 1.500000
1.500000
## 8 1997-05-27 1.510417 1.645833 1.458333 1.583333
1.583333
## 9 1997-05-28 1.625000 1.635417 1.531250 1.531250
1.531250
## 10 1997-05-29 1.541667 1.541667 1.479167 1.505208
1.505208
## 11 1997-05-30 1.500000 1.510417 1.479167 1.500000
1.500000
## 12 1997-06-02 1.510417 1.531250 1.500000 1.510417
1.510417
## 13 1997-06-03 1.531250 1.531250 1.479167 1.479167
1.479167
## 14 1997-06-04 1.479167 1.489583 1.395833 1.416667
1.416667
## 15 1997-06-05 1.416667 1.541667 1.375000 1.541667
1.541667
## 16 1997-06-06 1.515625 1.708333 1.510417 1.656250
1.656250
## 17 1997-06-09 1.656250 1.708333 1.656250 1.687500
1.687500
```

## 18	1997-06-10	1.708333	1.708333	1.531250	1.583333
1.583333					
## 19	1997-06-11	1.593750	1.604167	1.531250	1.541667
1.541667					
## 20	1997-06-12	1.583333	1.645833	1.552083	1.604167
1.604167					
## 21	1997-06-13	1.625000	1.625000	1.583333	1.583333
1.583333					
## 22	1997-06-16	1.604167	1.604167	1.562500	1.572917
1.572917					
## 23	1997-06-17	1.598958	1.598958	1.494792	1.505208
1.505208					
## 24	1997-06-18	1.520833	1.536458	1.500000	1.510417
1.510417					
## 25	1997-06-19	1.510417	1.531250	1.500000	1.510417
1.510417					
## 26	1997-06-20	1.531250	1.552083	1.500000	1.526042
1.526042					
## 27	1997-06-23	1.541667	1.541667	1.479167	1.500000
1.500000					
## 28	1997-06-24	1.505208	1.526042	1.479167	1.510417
1.510417					
## 29	1997-06-25	1.526042	1.526042	1.489583	1.510417
1.510417					
## 30	1997-06-26	1.520833	1.520833	1.505208	1.510417
1.510417					
## 31	1997-06-27	1.515625	1.515625	1.479167	1.489583
1.489583					
## 32	1997-06-30	1.510417	1.598958	1.479167	1.541667
1.541667					
## 33	1997-07-01	1.541667	1.541667	1.510417	1.515625
1.515625					
## 34	1997-07-02	1.515625	1.593750	1.510417	1.588542
1.588542					
## 35	1997-07-03	1.598958	1.916667	1.593750	1.911458
1.911458					
## 36	1997-07-07	1.833333	2.020833	1.833333	2.000000
2.000000					
## 37	1997-07-08	2.041667	2.333333	2.041667	2.302083
2.302083					
## 38	1997-07-09	2.302083	2.385417	2.270833	2.322917
2.322917					
## 39	1997-07-10	2.333333	2.572917	2.333333	2.562500
2.562500					
## 40	1997-07-11	2.520833	2.520833	2.208333	2.291667
2.291667					
## 41	1997-07-14	2.322917	2.333333	2.114583	2.135417
2.135417					
## 42	1997-07-15	2.135417	2.479167	2.135417	2.437500
2.437500					

## 43	1997-07-16	2.447917	2.494792	2.302083	2.333333
2.333333					
## 44	1997-07-17	2.343750	2.343750	2.156250	2.218750
2.218750					
## 45	1997-07-18	2.187500	2.218750	2.156250	2.156250
2.156250					
## 46	1997-07-21	2.177083	2.197917	2.145833	2.182292
2.182292					
## 47	1997-07-22	2.166667	2.187500	2.062500	2.135417
2.135417					
## 48	1997-07-23	2.187500	2.333333	2.177083	2.291667
2.291667					
## 49	1997-07-24	2.302083	2.312500	2.218750	2.260417
2.260417					
## 50	1997-07-25	2.218750	2.250000	2.218750	2.229167
2.229167					
## 51	1997-07-28	2.229167	2.395833	2.218750	2.322917
2.322917					
## 52	1997-07-29	2.364583	2.500000	2.333333	2.479167
2.479167					
## 53	1997-07-30	2.500000	2.505208	2.427083	2.447917
2.447917					
## 54	1997-07-31	2.437500	2.437500	2.333333	2.395833
2.395833					
## 55	1997-08-01	2.343750	2.416667	2.250000	2.416667
2.416667					
## 56	1997-08-04	2.375000	2.411458	2.302083	2.312500
2.312500					
## 57	1997-08-05	2.333333	2.333333	2.145833	2.208333
2.208333					
## 58	1997-08-06	2.208333	2.312500	2.187500	2.250000
2.250000					
## 59	1997-08-07	2.250000	2.260417	2.125000	2.177083
2.177083					
## 60	1997-08-08	2.166667	2.302083	2.104167	2.291667
2.291667					
## 61	1997-08-11	2.291667	2.333333	2.250000	2.328125
2.328125					
## 62	1997-08-12	2.281250	2.302083	2.197917	2.197917
2.197917					
## 63	1997-08-13	2.229167	2.229167	2.166667	2.197917
2.197917					
## 64	1997-08-14	2.177083	2.250000	2.119792	2.156250
2.156250					
## 65	1997-08-15	2.135417	2.156250	1.937500	2.114583
2.114583					
## 66	1997-08-18	2.052083	2.052083	1.968750	2.041667
2.041667					
## 67	1997-08-19	2.093750	2.208333	2.052083	2.166667
2.166667					

## 68	1997-08-20	2.187500	2.187500	2.072917	2.166667
2.166667					
## 69	1997-08-21	2.135417	2.171875	2.072917	2.114583
2.114583					
## 70	1997-08-22	2.104167	2.125000	2.093750	2.125000
2.125000					
## 71	1997-08-25	2.104167	2.260417	2.104167	2.218750
2.218750					
## 72	1997-08-26	2.239583	2.354167	2.229167	2.343750
2.343750					
## 73	1997-08-27	2.307292	2.322917	2.250000	2.317708
2.317708					
## 74	1997-08-28	2.302083	2.395833	2.281250	2.375000
2.375000					
## 75	1997-08-29	2.364583	2.375000	2.322917	2.338542
2.338542					
## 76	1997-09-02	2.343750	2.375000	2.333333	2.354167
2.354167					
## 77	1997-09-03	2.343750	2.416667	2.312500	2.333333
2.333333					
## 78	1997-09-04	2.364583	2.552083	2.343750	2.552083
2.552083					
## 79	1997-09-05	2.583333	2.666667	2.458333	2.500000
2.500000					
## 80	1997-09-08	2.531250	3.020833	2.500000	3.000000
3.000000					
## 81	1997-09-09	3.140625	3.385417	3.026042	3.239583
3.239583					
## 82	1997-09-10	3.312500	3.328125	3.125000	3.302083
3.302083					
## 83	1997-09-11	3.333333	3.333333	3.041667	3.156250
3.156250					
## 84	1997-09-12	3.187500	3.697917	3.156250	3.687500
3.687500					
## 85	1997-09-15	3.666667	3.677083	3.052083	3.093750
3.093750					
## 86	1997-09-16	3.125000	3.541667	3.119792	3.354167
3.354167					
## 87	1997-09-17	3.458333	3.500000	3.333333	3.406250
3.406250					
## 88	1997-09-18	3.437500	3.468750	3.281250	3.291667
3.291667					
## 89	1997-09-19	3.380208	4.083333	3.375000	3.947917
3.947917					
## 90	1997-09-22	4.000000	4.677083	3.947917	4.500000
4.500000					
## 91	1997-09-23	4.489583	4.645833	4.395833	4.625000
4.625000					
## 92	1997-09-24	4.645833	4.812500	4.291667	4.375000
4.375000					

## 93	1997-09-25	4.343750	4.354167	4.052083	4.078125
4.078125					
## 94	1997-09-26	4.072917	4.260417	4.052083	4.166667
4.166667					
## 95	1997-09-29	4.145833	4.187500	3.958333	4.041667
4.041667					
## 96	1997-09-30	4.000000	4.348958	3.802083	4.338542
4.338542					
## 97	1997-10-01	4.437500	4.500000	3.937500	4.020833
4.020833					
## 98	1997-10-02	4.041667	4.177083	3.989583	4.010417
4.010417					
## 99	1997-10-03	4.083333	4.125000	3.979167	4.015625
4.015625					
## 100	1997-10-06	4.000000	4.125000	3.942708	4.125000
4.125000					
## 101	1997-10-07	4.083333	4.187500	4.041667	4.057292
4.057292					
## 102	1997-10-08	4.145833	4.166667	3.984375	4.005208
4.005208					
## 103	1997-10-09	4.000000	4.020833	3.739583	3.750000
3.750000					
## 104	1997-10-10	3.729167	4.062500	3.666667	3.901042
3.901042					
## 105	1997-10-13	3.927083	4.041667	3.927083	4.000000
4.000000					
## 106	1997-10-14	4.062500	4.104167	3.833333	3.979167
3.979167					
## 107	1997-10-15	3.968750	3.968750	3.770833	3.921875
3.921875					
## 108	1997-10-16	3.979167	3.979167	3.604167	3.625000
3.625000					
## 109	1997-10-17	3.614583	3.656250	3.520833	3.625000
3.625000					
## 110	1997-10-20	3.677083	3.875000	3.666667	3.822917
3.822917					
## 111	1997-10-21	3.958333	4.437500	3.854167	4.427083
4.427083					
## 112	1997-10-22	4.416667	4.619792	4.375000	4.520833
4.520833					
## 113	1997-10-23	4.229167	4.562500	4.187500	4.500000
4.500000					
## 114	1997-10-24	4.750000	5.062500	4.541667	5.026042
5.026042					
## 115	1997-10-27	4.802083	5.010417	4.229167	4.270833
4.270833					
## 116	1997-10-28	3.916667	5.000000	3.875000	4.947917
4.947917					
## 117	1997-10-29	5.145833	5.500000	5.000000	5.390625
5.390625					

## 118	1997-10-30	5.208333	5.354167	5.041667	5.125000
5.125000					
## 119	1997-10-31	5.364583	5.458333	4.968750	5.083333
5.083333					
## 120	1997-11-03	5.218750	5.218750	4.947917	5.072917
5.072917					
## 121	1997-11-04	5.000000	5.052083	4.822917	4.958333
4.958333					
## 122	1997-11-05	4.979167	5.119792	4.875000	4.875000
4.875000					
## 123	1997-11-06	4.916667	4.916667	4.635417	4.661458
4.661458					
## 124	1997-11-07	4.416667	4.640625	4.385417	4.479167
4.479167					
## 125	1997-11-10	4.500000	4.562500	4.208333	4.208333
4.208333					
## 126	1997-11-11	4.244792	4.312500	3.916667	3.947917
3.947917					
## 127	1997-11-12	3.776042	4.187500	3.666667	3.770833
3.770833					
## 128	1997-11-13	3.947917	3.968750	3.770833	3.859375
3.859375					
## 129	1997-11-14	3.937500	4.208333	3.781250	4.166667
4.166667					
## 130	1997-11-17	4.229167	4.541667	4.218750	4.375000
4.375000					
## 131	1997-11-18	4.375000	4.479167	4.343750	4.416667
4.416667					
## 132	1997-11-19	4.406250	4.520833	4.312500	4.510417
4.510417					
## 133	1997-11-20	4.572917	4.604167	4.510417	4.583333
4.583333					
## 134	1997-11-21	4.552083	4.583333	4.489583	4.489583
4.489583					
## 135	1997-11-24	4.375000	4.416667	4.229167	4.229167
4.229167					
## 136	1997-11-25	4.239583	4.333333	4.041667	4.203125
4.203125					
## 137	1997-11-26	4.239583	4.411458	4.239583	4.260417
4.260417					
## 138	1997-11-28	4.270833	4.333333	4.114583	4.125000
4.125000					
## 139	1997-12-01	4.239583	4.375000	4.135417	4.270833
4.270833					
## 140	1997-12-02	4.260417	4.302083	4.177083	4.234375
4.234375					
## 141	1997-12-03	4.197917	4.375000	4.187500	4.364583
4.364583					
## 142	1997-12-04	4.401042	4.552083	4.385417	4.500000
4.500000					

## 143	1997-12-05	4.437500	4.593750	4.354167	4.593750
4.593750					
## 144	1997-12-08	4.541667	4.770833	4.520833	4.708333
4.708333					
## 145	1997-12-09	4.666667	4.770833	4.604167	4.687500
4.687500					
## 146	1997-12-10	4.583333	4.625000	4.395833	4.510417
4.510417					
## 147	1997-12-11	4.395833	4.833333	4.395833	4.687500
4.687500					
## 148	1997-12-12	4.645833	4.802083	4.406250	4.541667
4.541667					
## 149	1997-12-15	4.583333	4.666667	4.406250	4.583333
4.583333					
## 150	1997-12-16	4.645833	4.645833	4.458333	4.458333
4.458333					
## 151	1997-12-17	4.375000	4.458333	4.255208	4.390625
4.390625					
## 152	1997-12-18	4.354167	4.427083	4.229167	4.291667
4.291667					
## 153	1997-12-19	4.229167	4.520833	4.166667	4.500000
4.500000					
## 154	1997-12-22	4.500000	4.781250	4.432292	4.697917
4.697917					
## 155	1997-12-23	4.687500	4.739583	4.625000	4.625000
4.625000					
## 156	1997-12-24	4.625000	4.708333	4.468750	4.604167
4.604167					
## 157	1997-12-26	4.562500	4.645833	4.489583	4.520833
4.520833					
## 158	1997-12-29	4.583333	4.781250	4.531250	4.750000
4.750000					
## 159	1997-12-30	4.833333	4.906250	4.781250	4.848958
4.848958					
## 160	1997-12-31	4.875000	5.041667	4.843750	5.020833
5.020833					
## 161	1998-01-02	5.000000	5.000000	4.796875	4.958333
4.958333					
## 162	1998-01-05	4.885417	4.937500	4.708333	4.750000
4.750000					
## 163	1998-01-06	4.697917	4.875000	4.666667	4.838542
4.838542					
## 164	1998-01-07	4.833333	4.833333	4.692708	4.781250
4.781250					
## 165	1998-01-08	4.697917	4.703125	4.531250	4.614583
4.614583					
## 166	1998-01-09	4.666667	4.666667	4.229167	4.260417
4.260417					
## 167	1998-01-12	4.166667	4.385417	4.145833	4.302083
4.302083					

## 168	1998-01-13	4.343750	4.666667	4.322917	4.645833
4.645833					
## 169	1998-01-14	4.656250	4.875000	4.625000	4.875000
4.875000					
## 170	1998-01-15	4.791667	5.010417	4.791667	4.953125
4.953125					
## 171	1998-01-16	4.958333	4.979167	4.770833	4.791667
4.791667					
## 172	1998-01-20	4.822917	5.010417	4.812500	4.953125
4.953125					
## 173	1998-01-21	4.937500	5.166667	4.875000	5.072917
5.072917					
## 174	1998-01-22	5.072917	5.270833	5.020833	5.135417
5.135417					
## 175	1998-01-23	5.343750	5.343750	4.937500	4.937500
4.937500					
## 176	1998-01-26	4.979167	4.989583	4.739583	4.812500
4.812500					
## 177	1998-01-27	4.817708	4.864583	4.666667	4.750000
4.750000					
## 178	1998-01-28	4.750000	4.833333	4.625000	4.770833
4.770833					
## 179	1998-01-29	4.791667	4.989583	4.781250	4.958333
4.958333					
## 180	1998-01-30	5.000000	5.062500	4.885417	4.916667
4.916667					
## 181	1998-02-02	4.947917	5.208333	4.937500	5.197917
5.197917					
## 182	1998-02-03	5.187500	5.250000	5.093750	5.151042
5.151042					
## 183	1998-02-04	5.062500	5.187500	5.052083	5.062500
5.062500					
## 184	1998-02-05	5.114583	5.114583	4.875000	4.937500
4.937500					
## 185	1998-02-06	4.927083	5.020833	4.875000	4.906250
4.906250					
## 186	1998-02-09	4.916667	4.958333	4.770833	4.854167
4.854167					
## 187	1998-02-10	4.875000	5.317708	4.833333	5.302083
5.302083					
## 188	1998-02-11	5.291667	5.463542	5.281250	5.291667
5.291667					
## 189	1998-02-12	5.270833	5.302083	5.187500	5.260417
5.260417					
## 190	1998-02-13	5.250000	5.270833	5.145833	5.187500
5.187500					
## 191	1998-02-17	5.218750	5.218750	5.072917	5.145833
5.145833					
## 192	1998-02-18	5.145833	5.145833	5.052083	5.072917
5.072917					

## 193	1998-02-19	5.109375	5.291667	5.083333	5.229167
5.229167					
## 194	1998-02-20	5.229167	5.291667	5.114583	5.270833
5.270833					
## 195	1998-02-23	5.291667	5.416667	5.208333	5.406250
5.406250					
## 196	1998-02-24	5.416667	5.677083	5.354167	5.406250
5.406250					
## 197	1998-02-25	5.468750	5.541667	5.260417	5.489583
5.489583					
## 198	1998-02-26	5.463542	6.083333	5.437500	6.062500
6.062500					
## 199	1998-02-27	6.020833	6.635417	5.984375	6.416667
6.416667					
## 200	1998-03-02	6.322917	6.437500	6.250000	6.354167
6.354167					
## 201	1998-03-03	6.291667	6.312500	5.958333	5.979167
5.979167					
## 202	1998-03-04	6.000000	6.187500	5.833333	6.119792
6.119792					
## 203	1998-03-05	5.979167	6.515625	5.937500	6.250000
6.250000					
## 204	1998-03-06	6.302083	6.416667	6.145833	6.395833
6.395833					
## 205	1998-03-09	6.406250	7.145833	6.395833	6.958333
6.958333					
## 206	1998-03-10	7.125000	7.354167	6.906250	6.925781
6.925781					
## 207	1998-03-11	6.833333	6.875000	6.520833	6.635417
6.635417					
## 208	1998-03-12	6.562500	6.760417	6.427083	6.541667
6.541667					
## 209	1998-03-13	6.635417	6.739583	6.479167	6.557292
6.557292					
## 210	1998-03-16	6.630208	6.729167	6.583333	6.583333
6.583333					
## 211	1998-03-17	6.645833	6.687500	6.489583	6.656250
6.656250					
## 212	1998-03-18	6.604167	7.145833	6.604167	7.109375
7.109375					
## 213	1998-03-19	7.114583	7.291667	6.979167	7.000000
7.000000					
## 214	1998-03-20	7.000000	7.072917	6.927083	7.000000
7.000000					
## 215	1998-03-23	6.963542	7.062500	6.895833	6.984375
6.984375					
## 216	1998-03-24	6.875000	7.229167	6.875000	7.020833
7.020833					
## 217	1998-03-25	7.083333	7.145833	6.750000	6.807292
6.807292					

## 218	1998-03-26	6.812500	6.979167	6.625000	6.895833
6.895833					
## 219	1998-03-27	7.020833	7.260417	6.895833	7.083333
7.083333					
## 220	1998-03-30	7.156250	7.291667	7.093750	7.156250
7.156250					
## 221	1998-03-31	7.114583	7.208333	6.979167	7.127604
7.127604					
## 222	1998-04-01	7.104167	7.531250	7.002604	7.510417
7.510417					
## 223	1998-04-02	7.593750	8.062500	7.479167	7.921875
7.921875					
## 224	1998-04-03	8.020833	8.031250	7.687500	7.750000
7.750000					
## 225	1998-04-06	7.854167	7.895833	7.354167	7.385417
7.385417					
## 226	1998-04-07	7.250000	7.270833	7.062500	7.166667
7.166667					
## 227	1998-04-08	7.197917	7.479167	7.125000	7.385417
7.385417					
## 228	1998-04-09	7.697917	8.000000	7.635417	7.937500
7.937500					
## 229	1998-04-13	7.906250	8.020833	7.666667	7.859375
7.859375					
## 230	1998-04-14	7.822917	8.322917	7.770833	8.098958
8.098958					
## 231	1998-04-15	8.166667	8.333333	7.875000	8.010417
8.010417					
## 232	1998-04-16	8.010417	8.276042	7.765625	8.208333
8.208333					
## 233	1998-04-17	7.984375	8.104167	7.875000	7.906250
7.906250					
## 234	1998-04-20	7.947917	8.291667	7.812500	7.854167
7.854167					
## 235	1998-04-21	7.937500	7.947917	7.593750	7.755208
7.755208					
## 236	1998-04-22	7.770833	7.802083	7.250000	7.270833
7.270833					
## 237	1998-04-23	7.250000	7.250000	6.708333	6.750000
6.750000					
## 238	1998-04-24	6.833333	7.312500	6.791667	7.072917
7.072917					
## 239	1998-04-27	6.947917	7.052083	6.427083	6.895833
6.895833					
## 240	1998-04-28	7.739583	8.291667	7.421875	7.968750
7.968750					
## 241	1998-04-29	8.104167	8.218750	7.802083	7.958333
7.958333					
## 242	1998-04-30	8.125000	8.166667	7.541667	7.645833
7.645833					

## 243	1998-05-01	7.729167	7.927083	7.541667	7.875000
7.875000					
## 244	1998-05-04	7.916667	7.989583	7.781250	7.937500
7.937500					
## 245	1998-05-05	7.833333	7.958333	7.760417	7.809896
7.809896					
## 246	1998-05-06	7.833333	7.833333	7.510417	7.531250
7.531250					
## 247	1998-05-07	7.583333	7.750000	7.354167	7.583333
7.583333					
## 248	1998-05-08	7.604167	7.729167	7.458333	7.697917
7.697917					
## 249	1998-05-11	7.744792	7.750000	7.208333	7.239583
7.239583					
## 250	1998-05-12	7.312500	7.661458	7.218750	7.614583
7.614583					
## 251	1998-05-13	7.541667	7.833333	7.479167	7.739583
7.739583					
## 252	1998-05-14	7.666667	7.885417	7.583333	7.630208
7.630208					
## 253	1998-05-15	7.656250	7.708333	7.458333	7.468750
7.468750					
## 254	1998-05-18	7.500000	7.552083	7.229167	7.338542
7.338542					
## 255	1998-05-19	7.468750	7.552083	7.437500	7.531250
7.531250					
## 256	1998-05-20	7.531250	7.625000	7.354167	7.385417
7.385417					
## 257	1998-05-21	7.458333	7.500000	7.276042	7.395833
7.395833					
## 258	1998-05-22	7.364583	7.385417	7.125000	7.166667
7.166667					
## 259	1998-05-26	7.171875	7.239583	6.739583	6.822917
6.822917					
## 260	1998-05-27	6.697917	7.281250	6.645833	7.218750
7.218750					
## 261	1998-05-28	7.270833	7.312500	7.104167	7.161458
7.161458					
## 262	1998-05-29	7.156250	7.416667	7.125000	7.343750
7.343750					
## 263	1998-06-01	7.333333	7.375000	6.942708	7.135417
7.135417					
## 264	1998-06-02	7.270833	7.416667	6.916667	7.281250
7.281250					
## 265	1998-06-03	7.479167	7.541667	7.000000	7.041667
7.041667					
## 266	1998-06-04	7.156250	7.322917	6.875000	7.312500
7.312500					
## 267	1998-06-05	7.291667	7.395833	7.187500	7.375000
7.375000					

## 268	1998-06-08	7.302083	7.718750	7.250000	7.708333
7.708333					
## 269	1998-06-09	7.739583	8.645833	7.708333	8.541667
8.541667					
## 270	1998-06-10	8.604167	9.375000	8.500000	9.020833
9.020833					
## 271	1998-06-11	9.208333	10.437500	9.166667	10.416667
10.416667					
## 272	1998-06-12	10.583333	10.583333	9.708333	10.166667
10.166667					
## 273	1998-06-15	9.916667	11.416667	9.854167	10.958333
10.958333					
## 274	1998-06-16	11.125000	12.291667	11.083333	12.270833
12.270833					
## 275	1998-06-17	12.645833	13.531250	12.562500	13.166667
13.166667					
## 276	1998-06-18	13.500000	13.750000	11.958333	12.020833
12.020833					
## 277	1998-06-19	11.843750	12.708333	11.333333	12.635417
12.635417					
## 278	1998-06-22	12.458333	13.729167	12.041667	13.562500
13.562500					
## 279	1998-06-23	13.510417	15.458333	13.416667	15.447917
15.447917					
## 280	1998-06-24	15.833333	16.791668	14.854167	16.635418
16.635418					
## 281	1998-06-25	16.666668	17.458332	16.000000	16.510418
16.510418					
## 282	1998-06-26	16.250000	16.708332	15.625000	15.708333
15.708333					
## 283	1998-06-29	15.791667	16.604168	15.791667	16.458332
16.458332					
## 284	1998-06-30	16.302082	16.916668	16.125000	16.625000
16.625000					
## 285	1998-07-01	16.968750	19.083332	16.791668	19.020832
19.020832					
## 286	1998-07-02	19.291668	20.916668	18.750000	20.666668
20.666668					
## 287	1998-07-06	21.229168	23.458332	20.916668	23.250000
23.250000					
## 288	1998-07-07	23.833332	23.958332	20.166668	20.354168
20.354168					
## 289	1998-07-08	18.645832	19.833332	17.062500	17.854168
17.854168					
## 290	1998-07-09	18.437500	19.416668	17.500000	17.583332
17.583332					
## 291	1998-07-10	17.166668	17.645832	16.354168	16.583332
16.583332					
## 292	1998-07-13	16.083332	18.000000	15.708333	17.937500
17.937500					

## 293	1998-07-14	18.083332	19.291668	17.833332	19.166668
19.166668					
## 294	1998-07-15	19.333332	19.562500	18.291668	18.750000
18.750000					
## 295	1998-07-16	18.906250	19.166668	18.083332	18.895832
18.895832					
## 296	1998-07-17	18.729168	20.083332	18.645832	19.968750
19.968750					
## 297	1998-07-20	20.187500	23.354168	19.958332	22.916668
22.916668					
## 298	1998-07-21	22.875000	24.500000	21.333332	22.010418
22.010418					
## 299	1998-07-22	22.333332	23.312500	21.750000	22.333332
22.333332					
## 300	1998-07-23	21.666668	23.083332	21.166668	21.270832
21.270832					
## 301	1998-07-24	21.541668	21.916668	19.500000	20.708332
20.708332					
## 302	1998-07-27	19.854168	21.229168	19.270832	20.927082
20.927082					
## 303	1998-07-28	20.739582	21.000000	19.666668	19.822918
19.822918					
## 304	1998-07-29	20.083332	20.250000	17.916668	17.968750
17.968750					
## 305	1998-07-30	18.625000	19.166668	17.583332	18.958332
18.958332					
## 306	1998-07-31	19.083332	19.187500	18.187500	18.479168
18.479168					
## 307	1998-08-03	18.291668	18.583332	17.875000	18.041668
18.041668					
## 308	1998-08-04	18.354168	19.020832	18.020832	18.312500
18.312500					
## 309	1998-08-05	18.802082	18.854168	16.666668	17.697918
17.697918					
## 310	1998-08-06	17.395832	18.750000	17.177082	18.250000
18.250000					
## 311	1998-08-07	18.541668	19.812500	18.229168	19.333332
19.333332					
## 312	1998-08-10	19.500000	20.312500	19.166668	20.270832
20.270832					
## 313	1998-08-11	19.250000	21.145832	19.208332	20.666668
20.666668					
## 314	1998-08-12	21.125000	21.916668	20.677082	21.729168
21.729168					
## 315	1998-08-13	21.770832	22.500000	21.166668	21.250000
21.250000					
## 316	1998-08-14	21.781250	21.791668	20.041668	20.458332
20.458332					
## 317	1998-08-17	20.125000	20.531250	19.750000	19.947918
19.947918					

## 318	1998-08-18	20.197918	21.520832	19.854168	21.447918
21.447918					
## 319	1998-08-19	21.875000	22.291668	21.166668	21.458332
21.458332					
## 320	1998-08-20	21.041668	21.625000	20.916668	21.520832
21.520832					
## 321	1998-08-21	21.208332	21.713543	20.541668	21.614582
21.614582					
## 322	1998-08-24	21.708332	22.500000	21.687500	22.458332
22.458332					
## 323	1998-08-25	22.906250	22.916668	21.791668	21.937500
21.937500					
## 324	1998-08-26	21.625000	21.708332	21.135418	21.208332
21.208332					
## 325	1998-08-27	20.729168	20.833332	19.833332	19.833332
19.833332					
## 326	1998-08-28	19.958332	20.145832	17.208332	17.648438
17.648438					
## 327	1998-08-31	17.572918	17.937500	13.854167	13.958333
13.958333					
## 328	1998-09-01	12.687500	14.437500	10.833333	13.325521
13.325521					
## 329	1998-09-02	13.854167	16.000000	13.666667	14.645833
14.645833					
## 330	1998-09-03	13.937500	15.041667	13.458333	14.312500
14.312500					
## 331	1998-09-04	14.447917	15.000000	13.666667	14.375000
14.375000					
## 332	1998-09-08	15.666667	15.791667	15.000000	15.375000
15.375000					
## 333	1998-09-09	14.916667	15.395833	13.895833	14.083333
14.083333					
## 334	1998-09-10	13.229167	13.416667	12.541667	13.270833
13.270833					
## 335	1998-09-11	13.062500	13.479167	12.250000	12.677083
12.677083					
## 336	1998-09-14	13.395833	13.416667	12.250000	12.281250
12.281250					
## 337	1998-09-15	11.802083	12.458333	11.729167	12.166667
12.166667					
## 338	1998-09-16	12.375000	14.322917	11.916667	14.083333
14.083333					
## 339	1998-09-17	13.406250	13.916667	12.750000	12.833333
12.833333					
## 340	1998-09-18	12.958333	13.531250	12.947917	13.281250
13.281250					
## 341	1998-09-21	12.666667	14.479167	12.666667	14.250000
14.250000					
## 342	1998-09-22	14.708333	15.250000	14.604167	14.697917
14.697917					

## 343	1998-09-23	15.135417	17.583332	15.000000	17.520832
17.520832					
## 344	1998-09-24	17.854168	19.479168	16.916668	17.020832
17.020832					
## 345	1998-09-25	16.416668	18.437500	16.416668	18.208332
18.208332					
## 346	1998-09-28	19.395832	20.000000	18.645832	19.270832
19.270832					
## 347	1998-09-29	19.541668	19.927082	18.583332	18.854168
18.854168					
## 348	1998-09-30	18.583332	19.250000	18.135418	18.604168
18.604168					
## 349	1998-10-01	18.000000	18.500000	16.666668	17.104168
17.104168					
## 350	1998-10-02	17.552082	18.645832	16.833332	18.375000
18.375000					
## 351	1998-10-05	18.145832	18.500000	16.833332	17.450521
17.450521					
## 352	1998-10-06	18.583332	18.708332	17.333332	18.052082
18.052082					
## 353	1998-10-07	17.104168	17.458332	15.208333	15.572917
15.572917					
## 354	1998-10-08	13.812500	14.666667	13.333333	14.364583
14.364583					
## 355	1998-10-09	15.041667	15.312500	13.958333	15.197917
15.197917					
## 356	1998-10-12	16.187500	16.833332	15.500000	15.531250
15.531250					
## 357	1998-10-13	15.302083	15.895833	15.104167	15.229167
15.229167					
## 358	1998-10-14	15.177083	16.270832	14.958333	15.583333
15.583333					
## 359	1998-10-15	15.708333	16.312500	15.416667	16.177082
16.177082					
## 360	1998-10-16	16.437500	16.989582	16.166668	16.572918
16.572918					
## 361	1998-10-19	16.500000	17.812500	16.500000	17.625000
17.625000					
## 362	1998-10-20	18.125000	18.750000	17.770832	17.791668
17.791668					
## 363	1998-10-21	18.239582	18.375000	17.604168	18.333332
18.333332					
## 364	1998-10-22	17.937500	19.645832	17.895832	19.114582
19.114582					
## 365	1998-10-23	19.083332	19.718750	19.020832	19.354168
19.354168					
## 366	1998-10-26	19.854168	20.312500	19.458332	20.239582
20.239582					
## 367	1998-10-27	20.687500	21.000000	19.343750	19.385418
19.385418					

## 368	1998-10-28	19.489582	19.916668	19.041668	19.510418
19.510418					
## 369	1998-10-29	20.218750	21.208332	19.833332	21.083332
21.083332					
## 370	1998-10-30	21.104168	21.635418	20.770832	21.072918
21.072918					
## 371	1998-11-02	21.354168	21.906250	20.750000	21.833332
21.833332					
## 372	1998-11-03	21.854168	22.177082	20.958332	21.010418
21.010418					
## 373	1998-11-04	21.895832	22.000000	21.104168	21.635418
21.635418					
## 374	1998-11-05	21.281250	21.687500	21.041668	21.416668
21.416668					
## 375	1998-11-06	21.000000	21.375000	20.666668	20.760418
20.760418					
## 376	1998-11-09	20.312500	21.239582	20.125000	21.145832
21.145832					
## 377	1998-11-10	21.375000	23.333332	21.354168	21.958332
21.958332					
## 378	1998-11-11	22.270832	22.375000	20.875000	21.104168
21.104168					
## 379	1998-11-12	20.916668	22.145832	20.833332	21.833332
21.833332					
## 380	1998-11-13	21.989582	22.250000	20.953125	21.291668
21.291668					
## 381	1998-11-16	21.416668	21.645832	20.583332	21.041668
21.041668					
## 382	1998-11-17	21.562500	25.708332	21.416668	24.750000
24.750000					
## 383	1998-11-18	25.270832	28.437500	25.250000	27.333332
27.333332					
## 384	1998-11-19	28.500000	29.250000	25.500000	25.541668
25.541668					
## 385	1998-11-20	29.166668	30.291668	27.500000	30.104168
30.104168					
## 386	1998-11-23	31.812500	36.416668	31.010418	36.333332
36.333332					
## 387	1998-11-24	37.333332	38.854168	34.166668	35.750000
35.750000					
## 388	1998-11-25	36.083332	37.250000	34.166668	35.052082
35.052082					
## 389	1998-11-27	36.208332	36.333332	35.500000	36.104168
36.104168					
## 390	1998-11-30	36.604168	36.708332	31.958332	32.000000
32.000000					
## 391	1998-12-01	30.916668	34.958332	30.333332	34.916668
34.916668					
## 392	1998-12-02	34.489582	34.583332	32.927082	33.250000
33.250000					

## 393	1998-12-03	33.187500	34.083332	30.833332	31.583332
31.583332					
## 394	1998-12-04	32.583332	32.833332	30.416668	31.416668
31.416668					
## 395	1998-12-07	32.166668	32.333332	30.854168	31.833332
31.833332					
## 396	1998-12-08	31.604168	34.312500	31.416668	34.010418
34.010418					
## 397	1998-12-09	34.229168	37.385418	33.666668	36.041668
36.041668					
## 398	1998-12-10	36.270832	37.333332	34.937500	35.520832
35.520832					
## 399	1998-12-11	35.010418	37.333332	35.000000	37.166668
37.166668					
## 400	1998-12-14	36.854168	38.333332	36.333332	37.041668
37.041668					
## 401	1998-12-15	37.833332	40.500000	37.583332	40.458332
40.458332					
## 402	1998-12-16	43.187500	50.291668	43.166668	48.166668
48.166668					
## 403	1998-12-17	44.000000	48.583332	43.427082	46.125000
46.125000					
## 404	1998-12-18	47.166668	48.166668	46.312500	47.781250
47.781250					
## 405	1998-12-21	50.583332	53.625000	50.000000	53.125000
53.125000					
## 406	1998-12-22	54.489582	54.833332	51.437500	53.729168
53.729168					
## 407	1998-12-23	54.666668	55.000000	53.187500	54.166668
54.166668					
## 408	1998-12-24	53.708332	54.500000	53.166668	54.135418
54.135418					
## 409	1998-12-28	55.166668	60.312500	54.166668	58.656250
58.656250					
## 410	1998-12-29	58.333332	58.354168	54.750000	55.385418
55.385418					
## 411	1998-12-30	55.500000	57.208332	50.645832	53.541668
53.541668					
## 412	1998-12-31	52.875000	55.166668	52.687500	53.541668
53.541668					
## 413	1999-01-04	54.614582	59.333332	53.312500	59.156250
59.156250					
## 414	1999-01-05	54.781250	64.875000	53.250000	62.250000
62.250000					
## 415	1999-01-06	68.187500	70.187500	67.000000	69.000000
69.000000					
## 416	1999-01-07	68.562500	80.125000	66.500000	79.437500
79.437500					
## 417	1999-01-08	92.125000	99.562500	76.000000	80.125000
80.125000					

## 418	1999-01-11	92.000000	92.500000	83.812500	92.312500
92.312500					
## 419	1999-01-12	90.250000	91.000000	79.500000	81.687500
81.687500					
## 420	1999-01-13	62.500000	81.750000	62.500000	74.000000
74.000000					
## 421	1999-01-14	75.000000	79.625000	68.000000	69.000000
69.000000					
## 422	1999-01-15	70.000000	75.031250	68.812500	70.187500
70.187500					
## 423	1999-01-19	75.250000	75.250000	68.125000	69.906250
69.906250					
## 424	1999-01-20	67.531250	68.500000	54.875000	56.500000
56.500000					
## 425	1999-01-21	52.250000	55.187500	46.281250	53.000000
53.000000					
## 426	1999-01-22	49.750000	62.937500	49.375000	61.500000
61.500000					
## 427	1999-01-25	60.750000	61.687500	55.000000	56.187500
56.187500					
## 428	1999-01-26	56.312500	60.625000	55.312500	57.546875
57.546875					
## 429	1999-01-27	67.062500	69.875000	60.000000	62.812500
62.812500					
## 430	1999-01-28	63.218750	64.375000	60.125000	61.437500
61.437500					
## 431	1999-01-29	60.812500	60.812500	57.500000	58.468750
58.468750					
## 432	1999-02-01	58.875000	61.156250	57.500000	57.937500
57.937500					
## 433	1999-02-02	58.187500	58.218750	54.250000	55.125000
55.125000					
## 434	1999-02-03	54.500000	63.000000	54.250000	62.875000
62.875000					
## 435	1999-02-04	62.625000	63.375000	58.125000	59.000000
59.000000					
## 436	1999-02-05	58.500000	61.437500	56.156250	57.937500
57.937500					
## 437	1999-02-08	57.187500	57.562500	52.875000	54.562500
54.562500					
## 438	1999-02-09	53.968750	54.000000	49.968750	50.000000
50.000000					
## 439	1999-02-10	49.125000	51.687500	47.500000	48.718750
48.718750					
## 440	1999-02-11	50.250000	55.093750	49.750000	54.937500
54.937500					
## 441	1999-02-12	54.000000	54.937500	51.812500	52.250000
52.250000					
## 442	1999-02-16	53.437500	54.250000	48.500000	49.312500
49.312500					

## 443	1999-02-17	49.218750	51.031250	46.250000	46.750000
		46.750000			
## 444	1999-02-18	48.250000	48.250000	42.125000	44.750000
		44.750000			
## 445	1999-02-19	47.187500	51.250000	45.500000	50.937500
		50.937500			
## 446	1999-02-22	50.875000	54.812500	49.000000	53.250000
		53.250000			
## 447	1999-02-23	55.062500	58.500000	54.750000	57.593750
		57.593750			
## 448	1999-02-24	58.812500	61.093750	55.125000	55.468750
		55.468750			
## 449	1999-02-25	58.312500	62.812500	57.312500	62.500000
		62.500000			
## 450	1999-02-26	63.375000	65.000000	60.500000	64.062500
		64.062500			
## 451	1999-03-01	63.500000	68.031250	62.000000	66.500000
		66.500000			
## 452	1999-03-02	67.218750	67.875000	60.531250	60.656250
		60.656250			
## 453	1999-03-03	61.875000	63.750000	60.125000	61.750000
		61.750000			
## 454	1999-03-04	62.750000	63.500000	57.937500	60.062500
		60.062500			
## 455	1999-03-05	61.968750	62.250000	59.187500	60.750000
		60.750000			
## 456	1999-03-08	60.718750	63.218750	59.625000	61.093750
		61.093750			
## 457	1999-03-09	62.562500	66.625000	61.718750	64.968750
		64.968750			
## 458	1999-03-10	68.375000	69.468750	67.000000	68.562500
		68.562500			
## 459	1999-03-11	69.875000	71.375000	65.500000	67.437500
		67.437500			
## 460	1999-03-12	67.000000	67.687500	64.312500	66.656250
		66.656250			
## 461	1999-03-15	66.500000	69.500000	65.500000	69.468750
		69.468750			
## 462	1999-03-16	69.500000	70.187500	66.375000	66.906250
		66.906250			
## 463	1999-03-17	65.656250	66.750000	64.125000	65.500000
		65.500000			
## 464	1999-03-18	66.437500	70.000000	66.187500	69.218750
		69.218750			
## 465	1999-03-19	70.937500	71.531250	67.500000	67.531250
		67.531250			
## 466	1999-03-22	66.593750	68.250000	65.250000	66.000000
		66.000000			
## 467	1999-03-23	64.312500	64.937500	59.000000	59.687500
		59.687500			

## 468	1999-03-24	58.593750	62.000000	57.000000	61.843750
61.843750					
## 469	1999-03-25	64.468750	70.000000	64.093750	69.937500
69.937500					
## 470	1999-03-26	70.000000	73.875000	68.687500	69.531250
69.531250					
## 471	1999-03-29	75.000000	75.750000	74.000000	74.812500
74.812500					
## 472	1999-03-30	76.000000	84.750000	75.765625	82.343750
82.343750					
## 473	1999-03-31	85.625000	89.000000	82.562500	86.093750
86.093750					
## 474	1999-04-01	89.687500	90.062500	83.750000	85.500000
85.500000					
## 475	1999-04-05	86.312500	93.750000	85.875000	93.250000
93.250000					
## 476	1999-04-06	92.250000	97.875000	89.750000	91.437500
91.437500					
## 477	1999-04-07	93.312500	93.656250	85.625000	87.906250
87.906250					
## 478	1999-04-08	87.406250	92.062500	83.000000	89.500000
89.500000					
## 479	1999-04-09	89.062500	93.000000	87.875000	91.437500
91.437500					
## 480	1999-04-12	88.062500	94.125000	88.000000	92.218750
92.218750					
## 481	1999-04-13	93.375000	96.000000	89.125000	89.187500
89.187500					
## 482	1999-04-14	91.000000	92.250000	83.312500	84.000000
84.000000					
## 483	1999-04-15	82.937500	85.250000	75.500000	83.625000
83.625000					
## 484	1999-04-16	91.937500	95.750000	90.343750	95.000000
95.000000					
## 485	1999-04-19	94.500000	94.500000	77.500000	79.468750
79.468750					
## 486	1999-04-20	78.656250	87.156250	76.750000	86.000000
86.000000					
## 487	1999-04-21	86.187500	91.000000	84.500000	89.625000
89.625000					
## 488	1999-04-22	92.156250	95.500000	88.968750	95.031250
95.031250					
## 489	1999-04-23	96.437500	108.250000	95.875000	105.062500
105.062500					
## 490	1999-04-26	104.500000	107.937500	102.000000	103.593750
103.593750					
## 491	1999-04-27	108.500000	110.625000	101.000000	102.937500
102.937500					
## 492	1999-04-28	100.000000	101.000000	91.187500	96.750000
96.750000					

## 493	1999-04-29	86.218750	90.875000	82.500000	84.125000
84.125000					
## 494	1999-04-30	88.500000	90.000000	82.500000	86.031250
86.031250					
## 495	1999-05-03	83.437500	83.531250	75.062500	75.468750
75.468750					
## 496	1999-05-04	76.312500	80.250000	70.250000	71.500000
71.500000					
## 497	1999-05-05	71.937500	74.125000	66.937500	73.250000
73.250000					
## 498	1999-05-06	74.000000	75.500000	67.875000	68.687500
68.687500					
## 499	1999-05-07	70.375000	72.000000	65.500000	68.187500
68.187500					
## 500	1999-05-10	68.312500	73.500000	67.000000	73.437500
73.437500					
## 501	1999-05-11	75.343750	76.937500	72.000000	74.187500
74.187500					
## 502	1999-05-12	74.031250	74.312500	70.750000	71.468750
71.468750					
## 503	1999-05-13	72.187500	73.937500	68.000000	68.000000
68.000000					
## 504	1999-05-14	66.562500	67.375000	64.906250	66.187500
66.187500					
## 505	1999-05-17	65.000000	69.000000	60.750000	68.812500
68.812500					
## 506	1999-05-18	68.218750	68.750000	65.468750	66.312500
66.312500					
## 507	1999-05-19	66.968750	69.812500	66.750000	69.781250
69.781250					
## 508	1999-05-20	68.375000	69.000000	65.250000	65.406250
65.406250					
## 509	1999-05-21	65.375000	66.000000	62.875000	64.281250
64.281250					
## 510	1999-05-24	64.312500	64.687500	58.000000	58.750000
58.750000					
## 511	1999-05-25	58.625000	60.562500	55.687500	55.781250
55.781250					
## 512	1999-05-26	56.593750	60.937500	52.250000	60.468750
60.468750					
## 513	1999-05-27	59.812500	60.281250	57.000000	57.281250
57.281250					
## 514	1999-05-28	57.812500	60.187500	56.000000	59.375000
59.375000					
## 515	1999-06-01	55.750000	56.750000	52.492188	52.906250
52.906250					
## 516	1999-06-02	52.375000	57.500000	48.562500	56.062500
56.062500					
## 517	1999-06-03	56.968750	57.250000	52.250000	52.531250
52.531250					

## 518	1999-06-04	52.812500	55.000000	50.812500	54.218750
54.218750					
## 519	1999-06-07	54.281250	59.937500	54.000000	58.687500
58.687500					
## 520	1999-06-08	60.000000	60.687500	55.187500	55.781250
55.781250					
## 521	1999-06-09	56.968750	57.250000	54.875000	57.000000
57.000000					
## 522	1999-06-10	55.937500	59.062500	55.062500	57.968750
57.968750					
## 523	1999-06-11	57.562500	58.500000	52.375000	52.906250
52.906250					
## 524	1999-06-14	51.968750	52.250000	44.875000	46.000000
46.000000					
## 525	1999-06-15	46.125000	49.875000	45.312500	48.250000
48.250000					
## 526	1999-06-16	50.656250	56.500000	50.500000	55.843750
55.843750					
## 527	1999-06-17	55.812500	59.562500	54.812500	56.468750
56.468750					
## 528	1999-06-18	55.968750	57.250000	54.750000	55.656250
55.656250					
## 529	1999-06-21	56.781250	61.781250	55.875000	61.750000
61.750000					
## 530	1999-06-22	61.593750	64.750000	58.250000	58.750000
58.750000					
## 531	1999-06-23	57.781250	60.656250	56.062500	58.875000
58.875000					
## 532	1999-06-24	59.062500	59.406250	56.500000	56.812500
56.812500					
## 533	1999-06-25	58.218750	58.750000	54.062500	55.093750
55.093750					
## 534	1999-06-28	55.500000	55.937500	51.218750	55.343750
55.343750					
## 535	1999-06-29	55.125000	59.125000	54.375000	58.031250
58.031250					
## 536	1999-06-30	58.250000	64.625000	57.500000	62.562500
62.562500					
## 537	1999-07-01	62.625000	63.250000	59.000000	61.187500
61.187500					
## 538	1999-07-02	61.625000	63.000000	60.375000	62.031250
62.031250					
## 539	1999-07-06	64.000000	66.656250	62.750000	63.437500
63.437500					
## 540	1999-07-07	63.062500	63.750000	60.000000	60.937500
60.937500					
## 541	1999-07-08	62.812500	63.750000	60.656250	62.687500
62.687500					
## 542	1999-07-09	63.062500	63.875000	62.031250	62.750000
62.750000					

## 543	1999-07-12	62.500000	62.750000	58.000000	58.687500
58.687500					
## 544	1999-07-13	58.125000	63.593750	57.500000	63.062500
63.062500					
## 545	1999-07-14	63.687500	67.500000	62.906250	67.500000
67.500000					
## 546	1999-07-15	67.500000	70.750000	66.687500	69.781250
69.781250					
## 547	1999-07-16	69.375000	71.250000	68.062500	68.812500
68.812500					
## 548	1999-07-19	68.000000	68.312500	65.750000	65.843750
65.843750					
## 549	1999-07-20	64.562500	64.687500	60.031250	60.062500
60.062500					
## 550	1999-07-21	60.500000	64.125000	60.125000	62.718750
62.718750					
## 551	1999-07-22	58.218750	58.562500	52.375000	53.406250
53.406250					
## 552	1999-07-23	54.906250	57.375000	51.593750	57.281250
57.281250					
## 553	1999-07-26	55.218750	57.750000	52.500000	52.968750
52.968750					
## 554	1999-07-27	54.500000	55.187500	50.062500	50.500000
50.500000					
## 555	1999-07-28	50.992188	53.062500	49.812500	52.875000
52.875000					
## 556	1999-07-29	51.187500	52.187500	50.000000	50.781250
50.781250					
## 557	1999-07-30	51.062500	51.375000	48.750000	50.031250
50.031250					
## 558	1999-08-02	49.187500	51.062500	46.968750	47.000000
47.000000					
## 559	1999-08-03	48.500000	48.500000	44.812500	47.437500
47.437500					
## 560	1999-08-04	46.875000	48.187500	44.000000	44.218750
44.218750					
## 561	1999-08-05	43.781250	49.000000	41.000000	48.625000
48.625000					
## 562	1999-08-06	48.312500	49.750000	44.625000	44.781250
44.781250					
## 563	1999-08-09	45.750000	45.750000	42.281250	42.750000
42.750000					
## 564	1999-08-10	42.687500	46.093750	41.000000	45.500000
45.500000					
## 565	1999-08-11	46.187500	47.625000	42.593750	45.468750
45.468750					
## 566	1999-08-12	45.500000	47.875000	44.687500	45.875000
45.875000					
## 567	1999-08-13	47.500000	48.718750	47.062500	48.718750
48.718750					

## 568	1999-08-16	49.125000	50.437500	47.750000	49.156250
49.156250					
## 569	1999-08-17	50.250000	54.750000	49.937500	54.625000
54.625000					
## 570	1999-08-18	57.562500	58.750000	56.250000	56.562500
56.562500					
## 571	1999-08-19	55.375000	55.593750	52.562500	53.062500
53.062500					
## 572	1999-08-20	53.125000	56.781250	52.562500	56.718750
56.718750					
## 573	1999-08-23	57.968750	60.250000	57.875000	59.187500
59.187500					
## 574	1999-08-24	58.000000	62.750000	57.968750	60.031250
60.031250					
## 575	1999-08-25	61.406250	66.500000	60.750000	66.437500
66.437500					
## 576	1999-08-26	66.500000	67.781250	63.750000	64.281250
64.281250					
## 577	1999-08-27	65.250000	65.265625	62.500000	64.250000
64.250000					
## 578	1999-08-30	63.781250	65.000000	58.937500	59.625000
59.625000					
## 579	1999-08-31	59.187500	62.343750	56.093750	62.187500
62.187500					
## 580	1999-09-01	63.500000	63.500000	58.750000	59.531250
59.531250					
## 581	1999-09-02	57.500000	61.937500	57.375000	60.062500
60.062500					
## 582	1999-09-03	63.625000	64.000000	60.625000	62.437500
62.437500					
## 583	1999-09-07	63.812500	64.375000	62.125000	62.937500
62.937500					
## 584	1999-09-08	62.000000	63.250000	60.937500	61.437500
61.437500					
## 585	1999-09-09	63.500000	64.437500	62.375000	63.625000
63.625000					
## 586	1999-09-10	65.937500	68.000000	64.875000	66.500000
66.500000					
## 587	1999-09-13	65.625000	66.000000	62.500000	63.312500
63.312500					
## 588	1999-09-14	62.750000	66.437500	62.750000	66.000000
66.000000					
## 589	1999-09-15	67.750000	67.937500	65.000000	65.562500
65.562500					
## 590	1999-09-16	64.937500	65.812500	62.750000	65.250000
65.250000					
## 591	1999-09-17	65.625000	66.000000	62.750000	63.812500
63.812500					
## 592	1999-09-20	63.687500	65.000000	62.687500	62.750000
62.750000					

## 593	1999-09-21	61.625000	63.937500	61.000000	62.250000
62.250000					
## 594	1999-09-22	62.875000	66.500000	60.687500	66.000000
66.000000					
## 595	1999-09-23	67.000000	68.750000	61.234375	62.250000
62.250000					
## 596	1999-09-24	62.000000	66.000000	61.500000	65.000000
65.000000					
## 597	1999-09-27	66.187500	67.875000	61.875000	62.562500
62.562500					
## 598	1999-09-28	62.500000	66.500000	61.125000	65.875000
65.875000					
## 599	1999-09-29	66.500000	85.000000	65.750000	80.750000
80.750000					
## 600	1999-09-30	79.812500	81.500000	76.250000	79.937500
79.937500					
## 601	1999-10-01	77.000000	79.250000	76.656250	77.250000
77.250000					
## 602	1999-10-04	79.437500	79.750000	75.750000	77.062500
77.062500					
## 603	1999-10-05	77.125000	79.750000	74.750000	78.437500
78.437500					
## 604	1999-10-06	79.562500	83.625000	79.500000	82.437500
82.437500					
## 605	1999-10-07	85.625000	90.000000	83.500000	87.312500
87.312500					
## 606	1999-10-08	86.875000	89.500000	84.437500	89.250000
89.250000					
## 607	1999-10-11	89.125000	89.375000	86.750000	88.375000
88.375000					
## 608	1999-10-12	87.687500	88.500000	84.875000	84.937500
84.937500					
## 609	1999-10-13	82.500000	85.000000	79.562500	79.937500
79.937500					
## 610	1999-10-14	80.500000	83.375000	78.437500	79.593750
79.593750					
## 611	1999-10-15	75.875000	77.062500	73.937500	75.062500
75.062500					
## 612	1999-10-18	75.062500	76.500000	71.062500	74.062500
74.062500					
## 613	1999-10-19	77.625000	78.250000	75.625000	76.625000
76.625000					
## 614	1999-10-20	78.312500	80.625000	76.343750	80.500000
80.500000					
## 615	1999-10-21	77.937500	82.812500	77.062500	80.750000
80.750000					
## 616	1999-10-22	81.437500	83.625000	78.000000	78.625000
78.625000					
## 617	1999-10-25	79.000000	83.000000	77.937500	82.750000
82.750000					

## 618	1999-10-26	83.125000	84.312500	80.125000	81.250000
81.250000					
## 619	1999-10-27	79.375000	79.375000	74.812500	75.937500
75.937500					
## 620	1999-10-28	69.500000	73.125000	65.875000	71.000000
71.000000					
## 621	1999-10-29	72.750000	72.812500	69.250000	70.625000
70.625000					
## 622	1999-11-01	68.062500	71.875000	66.312500	69.125000
69.125000					
## 623	1999-11-02	69.750000	70.000000	65.062500	66.437500
66.437500					
## 624	1999-11-03	68.187500	68.500000	65.000000	65.812500
65.812500					
## 625	1999-11-04	67.187500	67.875000	61.000000	63.062500
63.062500					
## 626	1999-11-05	64.750000	65.500000	62.250000	64.937500
64.937500					
## 627	1999-11-08	64.812500	80.000000	63.500000	78.000000
78.000000					
## 628	1999-11-09	82.000000	83.062500	70.000000	70.812500
70.812500					
## 629	1999-11-10	71.562500	75.000000	70.125000	72.000000
72.000000					
## 630	1999-11-11	74.750000	76.625000	71.375000	73.000000
73.000000					
## 631	1999-11-12	73.750000	75.000000	70.812500	74.937500
74.937500					
## 632	1999-11-15	75.625000	76.000000	73.312500	73.500000
73.500000					
## 633	1999-11-16	74.250000	79.625000	73.750000	78.937500
78.937500					
## 634	1999-11-17	77.937500	80.000000	75.437500	76.500000
76.500000					
## 635	1999-11-18	76.750000	78.187500	75.250000	77.937500
77.937500					
## 636	1999-11-19	77.875000	78.125000	76.062500	77.937500
77.937500					
## 637	1999-11-22	77.875000	82.500000	76.000000	80.500000
80.500000					
## 638	1999-11-23	80.375000	85.625000	76.250000	81.750000
81.750000					
## 639	1999-11-24	84.250000	87.750000	83.250000	87.250000
87.250000					
## 640	1999-11-26	91.062500	95.125000	90.625000	93.125000
93.125000					
## 641	1999-11-29	95.500000	96.875000	90.125000	90.437500
90.437500					
## 642	1999-11-30	88.265625	88.875000	83.812500	85.062500
85.062500					

## 643	1999-12-01	87.250000	87.875000	81.968750	85.000000
85.000000					
## 644	1999-12-02	86.000000	91.312500	85.625000	89.062500
89.062500					
## 645	1999-12-03	92.500000	93.375000	86.062500	86.562500
86.562500					
## 646	1999-12-06	86.875000	89.875000	84.687500	87.750000
87.750000					
## 647	1999-12-07	88.000000	88.000000	84.375000	86.062500
86.062500					
## 648	1999-12-08	86.812500	93.000000	86.000000	88.562500
88.562500					
## 649	1999-12-09	95.500000	113.000000	93.437500	103.625000
103.625000					
## 650	1999-12-10	111.937500	112.000000	104.437500	106.687500
106.687500					
## 651	1999-12-13	106.625000	106.625000	101.500000	102.500000
102.500000					
## 652	1999-12-14	103.750000	104.000000	93.562500	95.625000
95.625000					
## 653	1999-12-15	92.875000	99.437500	91.000000	96.500000
96.500000					
## 654	1999-12-16	98.250000	98.750000	93.500000	94.875000
94.875000					
## 655	1999-12-17	97.187500	97.625000	93.812500	94.062500
94.062500					
## 656	1999-12-20	97.750000	102.000000	95.062500	97.000000
97.000000					
## 657	1999-12-21	96.562500	100.437500	95.500000	99.875000
99.875000					
## 658	1999-12-22	100.562500	100.562500	95.500000	97.687500
97.687500					
## 659	1999-12-23	98.000000	99.000000	89.062500	90.000000
90.000000					
## 660	1999-12-27	87.750000	88.250000	80.000000	81.125000
81.125000					
## 661	1999-12-28	83.062500	86.500000	81.562500	82.312500
82.312500					
## 662	1999-12-29	83.437500	85.375000	82.625000	83.500000
83.500000					
## 663	1999-12-30	84.625000	85.125000	78.500000	79.062500
79.062500					
## 664	1999-12-31	79.312500	79.375000	76.000000	76.125000
76.125000					
## 665	2000-01-03	81.500000	89.562500	79.046875	89.375000
89.375000					
## 666	2000-01-04	85.375000	91.500000	81.750000	81.937500
81.937500					
## 667	2000-01-05	70.500000	75.125000	68.000000	69.750000
69.750000					

## 668	2000-01-06	71.312500	72.687500	64.000000	65.562500
65.562500					
## 669	2000-01-07	67.000000	70.500000	66.187500	69.562500
69.562500					
## 670	2000-01-10	72.562500	72.625000	65.562500	69.187500
69.187500					
## 671	2000-01-11	66.875000	70.000000	65.000000	66.750000
66.750000					
## 672	2000-01-12	67.875000	68.000000	63.000000	63.562500
63.562500					
## 673	2000-01-13	64.937500	67.187500	63.125000	65.937500
65.937500					
## 674	2000-01-14	66.750000	68.625000	64.000000	64.250000
64.250000					
## 675	2000-01-18	63.437500	65.187500	63.000000	64.125000
64.125000					
## 676	2000-01-19	64.125000	67.500000	63.000000	66.812500
66.812500					
## 677	2000-01-20	66.937500	67.000000	63.937500	64.750000
64.750000					
## 678	2000-01-21	64.625000	64.625000	60.000000	62.062500
62.062500					
## 679	2000-01-24	67.562500	73.375000	67.500000	70.125000
70.125000					
## 680	2000-01-25	70.000000	71.250000	66.000000	69.250000
69.250000					
## 681	2000-01-26	68.625000	70.000000	64.750000	64.812500
64.812500					
## 682	2000-01-27	65.187500	67.750000	64.625000	66.937500
66.937500					
## 683	2000-01-28	65.000000	66.437500	60.000000	61.687500
61.687500					
## 684	2000-01-31	60.375000	64.750000	58.437500	64.562500
64.562500					
## 685	2000-02-01	67.500000	70.625000	64.375000	67.437500
67.437500					
## 686	2000-02-02	67.937500	72.250000	67.750000	69.437500
69.437500					
## 687	2000-02-03	81.125000	85.937500	77.375000	84.187500
84.187500					
## 688	2000-02-04	82.750000	82.750000	77.875000	78.562500
78.562500					
## 689	2000-02-07	76.187500	76.875000	73.125000	75.000000
75.000000					
## 690	2000-02-08	74.000000	84.000000	73.437500	83.125000
83.125000					
## 691	2000-02-09	80.546875	83.734375	80.015625	80.250000
80.250000					
## 692	2000-02-10	78.500000	79.875000	75.500000	76.187500
76.187500					

## 693	2000-02-11	77.125000	79.125000	75.500000	76.187500
76.187500					
## 694	2000-02-14	75.687500	75.750000	73.562500	74.437500
74.437500					
## 695	2000-02-15	73.437500	76.187500	70.625000	73.812500
73.812500					
## 696	2000-02-16	72.750000	73.437500	70.625000	70.687500
70.687500					
## 697	2000-02-17	71.250000	71.312500	68.000000	69.000000
69.000000					
## 698	2000-02-18	68.437500	69.000000	63.875000	64.750000
64.750000					
## 699	2000-02-22	64.937500	66.500000	63.062500	63.562500
63.562500					
## 700	2000-02-23	64.875000	71.750000	64.687500	70.437500
70.437500					
## 701	2000-02-24	70.562500	71.375000	65.625000	68.437500
68.437500					
## 702	2000-02-25	67.437500	69.375000	65.187500	69.125000
69.125000					
## 703	2000-02-28	66.562500	67.187500	64.125000	65.750000
65.750000					
## 704	2000-02-29	66.000000	68.968750	65.875000	68.875000
68.875000					
## 705	2000-03-01	67.625000	68.500000	65.000000	65.875000
65.875000					
## 706	2000-03-02	64.937500	65.000000	62.187500	62.562500
62.562500					
## 707	2000-03-03	63.250000	64.750000	62.062500	62.500000
62.500000					
## 708	2000-03-06	62.875000	67.250000	62.812500	63.937500
63.937500					
## 709	2000-03-07	64.875000	65.812500	62.125000	63.500000
63.500000					
## 710	2000-03-08	63.250000	64.750000	60.562500	63.625000
63.625000					
## 711	2000-03-09	63.000000	69.000000	62.187500	68.812500
68.812500					
## 712	2000-03-10	67.250000	68.531250	65.000000	66.875000
66.875000					
## 713	2000-03-13	64.000000	66.625000	63.000000	65.312500
65.312500					
## 714	2000-03-14	66.062500	66.937500	63.375000	65.625000
65.625000					
## 715	2000-03-15	64.750000	65.125000	62.000000	63.750000
63.750000					
## 716	2000-03-16	62.250000	66.375000	60.000000	66.250000
66.250000					
## 717	2000-03-17	66.062500	66.375000	64.500000	64.812500
64.812500					

## 718	2000-03-20	63.500000	64.500000	62.375000	64.187500
64.187500					
## 719	2000-03-21	65.125000	73.000000	62.250000	72.375000
72.375000					
## 720	2000-03-22	70.875000	74.000000	69.250000	70.687500
70.687500					
## 721	2000-03-23	69.500000	70.937500	67.500000	67.687500
67.687500					
## 722	2000-03-24	74.625000	75.250000	71.312500	72.687500
72.687500					
## 723	2000-03-27	72.250000	75.125000	71.750000	73.125000
73.125000					
## 724	2000-03-28	72.375000	72.750000	69.468750	70.125000
70.125000					
## 725	2000-03-29	69.500000	69.875000	65.000000	66.250000
66.250000					
## 726	2000-03-30	64.500000	67.375000	64.000000	66.500000
66.500000					
## 727	2000-03-31	66.750000	67.125000	63.000000	67.000000
67.000000					
## 728	2000-04-03	65.437500	65.687500	62.000000	63.562500
63.562500					
## 729	2000-04-04	62.875000	65.437500	55.750000	63.937500
63.937500					
## 730	2000-04-05	61.750000	64.937500	60.500000	62.187500
62.187500					
## 731	2000-04-06	63.437500	65.500000	61.875000	64.250000
64.250000					
## 732	2000-04-07	65.125000	68.625000	64.125000	67.562500
67.562500					
## 733	2000-04-10	67.250000	68.437500	63.250000	63.375000
63.375000					
## 734	2000-04-11	62.500000	66.000000	61.250000	63.375000
63.375000					
## 735	2000-04-12	64.000000	64.375000	56.250000	56.375000
56.375000					
## 736	2000-04-13	57.875000	58.750000	47.937500	48.000000
48.000000					
## 737	2000-04-14	47.875000	52.375000	40.812500	46.875000
46.875000					
## 738	2000-04-17	45.250000	52.000000	44.625000	47.062500
47.062500					
## 739	2000-04-18	47.625000	56.250000	47.125000	54.937500
54.937500					
## 740	2000-04-19	55.312500	55.312500	51.687500	53.437500
53.437500					
## 741	2000-04-20	53.375000	53.687500	49.875000	52.375000
52.375000					
## 742	2000-04-24	49.375000	51.562500	44.875000	49.812500
49.812500					

## 743	2000-04-25	51.812500	54.125000	50.250000	52.437500
52.437500					
## 744	2000-04-26	53.312500	57.437500	52.453125	53.500000
53.500000					
## 745	2000-04-27	49.312500	55.250000	48.500000	52.875000
52.875000					
## 746	2000-04-28	54.000000	55.625000	53.125000	55.187500
55.187500					
## 747	2000-05-01	56.000000	60.312500	55.250000	59.937500
59.937500					
## 748	2000-05-02	59.187500	60.000000	55.875000	56.125000
56.125000					
## 749	2000-05-03	55.250000	56.562500	53.000000	54.125000
54.125000					
## 750	2000-05-04	54.250000	56.500000	53.125000	55.062500
55.062500					
## 751	2000-05-05	54.625000	58.625000	54.125000	58.500000
58.500000					
## 752	2000-05-08	56.812500	59.250000	55.437500	56.015625
56.015625					
## 753	2000-05-09	56.500000	57.750000	53.000000	56.250000
56.250000					
## 754	2000-05-10	54.531250	55.375000	49.000000	53.312500
53.312500					
## 755	2000-05-11	53.937500	55.750000	50.937500	54.875000
54.875000					
## 756	2000-05-12	54.687500	56.500000	53.125000	53.750000
53.750000					
## 757	2000-05-15	53.625000	56.500000	50.875000	56.062500
56.062500					
## 758	2000-05-16	57.125000	59.875000	56.000000	59.062500
59.062500					
## 759	2000-05-17	57.187500	62.375000	57.000000	61.000000
61.000000					
## 760	2000-05-18	60.375000	60.875000	55.125000	55.375000
55.375000					
## 761	2000-05-19	54.625000	55.750000	52.250000	52.625000
52.625000					
## 762	2000-05-22	53.000000	53.125000	46.875000	51.875000
51.875000					
## 763	2000-05-23	50.500000	51.875000	46.500000	46.687500
46.687500					
## 764	2000-05-24	46.437500	49.750000	40.437500	48.562500
48.562500					
## 765	2000-05-25	49.500000	50.000000	45.500000	45.500000
45.500000					
## 766	2000-05-26	46.250000	47.750000	44.000000	46.500000
46.500000					
## 767	2000-05-30	47.312500	51.875000	47.312500	51.750000
51.750000					

## 768	2000-05-31	50.750000	52.250000	48.125000	48.312500
48.312500					
## 769	2000-06-01	48.875000	51.125000	46.375000	50.187500
50.187500					
## 770	2000-06-02	52.375000	58.125000	52.250000	57.875000
57.875000					
## 771	2000-06-05	55.031250	56.250000	52.500000	54.500000
54.500000					
## 772	2000-06-06	54.000000	54.562500	50.250000	50.562500
50.562500					
## 773	2000-06-07	51.875000	52.187500	50.125000	51.812500
51.812500					
## 774	2000-06-08	52.562500	53.437500	51.625000	51.875000
51.875000					
## 775	2000-06-09	51.937500	53.250000	51.875000	52.187500
52.187500					
## 776	2000-06-12	52.187500	52.187500	47.000000	48.437500
48.437500					
## 777	2000-06-13	48.187500	49.500000	46.250000	49.000000
49.000000					
## 778	2000-06-14	49.312500	49.875000	46.000000	46.437500
46.437500					
## 779	2000-06-15	47.000000	47.937500	45.312500	46.312500
46.312500					
## 780	2000-06-16	47.250000	47.437500	45.375000	46.000000
46.000000					
## 781	2000-06-19	45.500000	45.875000	43.500000	45.312500
45.312500					
## 782	2000-06-20	45.875000	48.625000	45.125000	46.125000
46.125000					
## 783	2000-06-21	45.437500	46.937500	45.062500	46.062500
46.062500					
## 784	2000-06-22	46.187500	46.437500	41.625000	42.000000
42.000000					
## 785	2000-06-23	36.625000	37.000000	32.468750	33.875000
33.875000					
## 786	2000-06-26	35.312500	35.328125	32.812500	33.937500
33.937500					
## 787	2000-06-27	33.750000	38.500000	33.500000	36.500000
36.500000					
## 788	2000-06-28	36.875000	39.937500	36.125000	37.875000
37.875000					
## 789	2000-06-29	37.125000	38.500000	36.125000	37.125000
37.125000					
## 790	2000-06-30	37.000000	37.250000	35.500000	36.312500
36.312500					
## 791	2000-07-03	36.687500	37.500000	36.500000	37.000000
37.000000					
## 792	2000-07-05	37.000000	38.500000	36.375000	36.500000
36.500000					

## 793	2000-07-06	36.875000	37.375000	34.750000	36.062500
36.062500					
## 794	2000-07-07	36.125000	37.000000	35.250000	36.125000
36.125000					
## 795	2000-07-10	36.375000	36.375000	35.000000	35.062500
35.062500					
## 796	2000-07-11	35.187500	35.250000	32.625000	33.125000
33.125000					
## 797	2000-07-12	35.437500	36.125000	34.250000	35.062500
35.062500					
## 798	2000-07-13	35.625000	36.000000	34.875000	35.000000
35.000000					
## 799	2000-07-14	36.375000	43.203125	36.312500	42.625000
42.625000					
## 800	2000-07-17	42.875000	43.937500	40.250000	41.125000
41.125000					
## 801	2000-07-18	40.125000	43.625000	39.500000	41.750000
41.750000					
## 802	2000-07-19	41.500000	41.562500	39.000000	40.875000
40.875000					
## 803	2000-07-20	40.937500	43.375000	39.500000	40.312500
40.312500					
## 804	2000-07-21	40.437500	42.500000	40.437500	41.125000
41.125000					
## 805	2000-07-24	41.062500	41.375000	38.062500	38.750000
38.750000					
## 806	2000-07-25	36.750000	38.750000	33.250000	37.625000
37.625000					
## 807	2000-07-26	35.062500	36.718750	34.062500	36.062500
36.062500					
## 808	2000-07-27	31.437500	32.000000	29.750000	31.375000
31.375000					
## 809	2000-07-28	31.437500	32.125000	29.000000	30.000000
30.000000					
## 810	2000-07-31	30.062500	30.250000	27.875000	30.125000
30.125000					
## 811	2000-08-01	30.625000	32.250000	30.250000	30.250000
30.250000					
## 812	2000-08-02	30.250000	32.000000	30.218750	30.812500
30.812500					
## 813	2000-08-03	29.437500	31.750000	29.312500	31.500000
31.500000					
## 814	2000-08-04	31.937500	34.187500	31.500000	32.500000
32.500000					
## 815	2000-08-07	32.000000	34.250000	31.625000	33.812500
33.812500					
## 816	2000-08-08	33.250000	33.375000	32.437500	32.937500
32.937500					
## 817	2000-08-09	32.375000	32.375000	30.375000	30.875000
30.875000					

## 818	2000-08-10	31.500000	31.750000	29.750000	30.437500
30.437500					
## 819	2000-08-11	30.500000	34.000000	30.312500	33.687500
33.687500					
## 820	2000-08-14	33.500000	35.187500	32.687500	34.875000
34.875000					
## 821	2000-08-15	34.625000	38.312500	34.375000	37.562500
37.562500					
## 822	2000-08-16	37.562500	39.875000	37.531250	38.625000
38.625000					
## 823	2000-08-17	38.000000	39.062500	36.875000	38.250000
38.250000					
## 824	2000-08-18	39.250000	40.125000	38.937500	39.000000
39.000000					
## 825	2000-08-21	39.093750	39.875000	36.500000	37.500000
37.500000					
## 826	2000-08-22	38.125000	38.187500	36.062500	36.500000
36.500000					
## 827	2000-08-23	36.375000	39.500000	35.000000	38.812500
38.812500					
## 828	2000-08-24	39.562500	40.500000	38.812500	39.375000
39.375000					
## 829	2000-08-25	39.125000	40.062500	38.562500	39.937500
39.937500					
## 830	2000-08-28	38.812500	42.500000	38.562500	39.125000
39.125000					
## 831	2000-08-29	39.500000	40.875000	38.875000	39.625000
39.625000					
## 832	2000-08-30	42.375000	43.968750	42.000000	42.937500
42.937500					
## 833	2000-08-31	43.125000	43.187500	41.437500	41.500000
41.500000					
## 834	2000-09-01	42.125000	42.500000	41.000000	41.500000
41.500000					
## 835	2000-09-05	40.937500	46.312500	40.250000	45.687500
45.687500					
## 836	2000-09-06	47.250000	49.625000	45.687500	45.875000
45.875000					
## 837	2000-09-07	46.812500	47.000000	43.000000	43.500000
43.500000					
## 838	2000-09-08	44.062500	45.000000	42.500000	42.937500
42.937500					
## 839	2000-09-11	42.625000	45.218750	42.187500	42.375000
42.375000					
## 840	2000-09-12	43.375000	44.187500	42.250000	42.687500
42.687500					
## 841	2000-09-13	41.312500	43.125000	41.000000	42.437500
42.437500					
## 842	2000-09-14	44.187500	46.000000	43.750000	44.875000
44.875000					

## 843	2000-09-15	45.375000	45.437500	42.875000	43.625000
		43.625000			
## 844	2000-09-18	43.500000	44.625000	41.875000	42.812500
		42.812500			
## 845	2000-09-19	42.062500	42.750000	39.125000	40.750000
		40.750000			
## 846	2000-09-20	40.437500	40.500000	37.375000	37.500000
		37.500000			
## 847	2000-09-21	37.437500	40.500000	37.250000	40.062500
		40.062500			
## 848	2000-09-22	38.375000	42.125000	38.312500	41.437500
		41.437500			
## 849	2000-09-25	41.218750	42.562500	40.000000	40.375000
		40.375000			
## 850	2000-09-26	40.625000	41.125000	39.562500	39.750000
		39.750000			
## 851	2000-09-27	38.687500	39.625000	35.500000	37.875000
		37.875000			
## 852	2000-09-28	37.312500	40.250000	37.125000	40.000000
		40.000000			
## 853	2000-09-29	39.000000	41.250000	37.625000	38.437500
		38.437500			
## 854	2000-10-02	38.187500	38.437500	35.250000	35.875000
		35.875000			
## 855	2000-10-03	36.750000	37.250000	35.000000	35.062500
		35.062500			
## 856	2000-10-04	33.437500	37.062500	32.500000	36.000000
		36.000000			
## 857	2000-10-05	35.187500	36.625000	32.000000	33.562500
		33.562500			
## 858	2000-10-06	32.500000	33.250000	30.187500	31.562500
		31.562500			
## 859	2000-10-09	30.250000	30.562500	27.375000	30.062500
		30.062500			
## 860	2000-10-10	29.750000	32.718750	28.875000	30.437500
		30.437500			
## 861	2000-10-11	27.937500	30.250000	27.625000	27.812500
		27.812500			
## 862	2000-10-12	28.375000	28.812500	24.625000	25.125000
		25.125000			
## 863	2000-10-13	24.250000	28.875000	23.500000	28.437500
		28.437500			
## 864	2000-10-16	28.125000	28.312500	24.125000	24.312500
		24.312500			
## 865	2000-10-17	24.875000	25.187500	20.875000	21.937500
		21.937500			
## 866	2000-10-18	19.875000	25.375000	19.375000	25.125000
		25.125000			
## 867	2000-10-19	26.562500	28.125000	24.187500	27.750000
		27.750000			

## 868	2000-10-20	27.687500	31.250000	27.125000	30.812500
30.812500					
## 869	2000-10-23	29.687500	30.375000	27.625000	30.000000
30.000000					
## 870	2000-10-24	29.875000	33.875000	28.812500	29.562500
29.562500					
## 871	2000-10-25	34.000000	36.500000	31.750000	31.875000
31.875000					
## 872	2000-10-26	32.187500	37.500000	31.000000	36.875000
36.875000					
## 873	2000-10-27	33.937500	37.500000	33.875000	35.625000
35.625000					
## 874	2000-10-30	33.062500	34.375000	30.265625	32.875000
32.875000					
## 875	2000-10-31	32.687500	36.875000	32.062500	36.625000
36.625000					
## 876	2000-11-01	35.812500	40.000000	35.687500	37.375000
37.375000					
## 877	2000-11-02	38.062500	39.875000	37.500000	39.750000
39.750000					
## 878	2000-11-03	39.000000	40.875000	36.875000	37.562500
37.562500					
## 879	2000-11-06	38.562500	38.625000	34.750000	36.562500
36.562500					
## 880	2000-11-07	36.500000	39.437500	35.562500	36.937500
36.937500					
## 881	2000-11-08	36.000000	37.000000	33.250000	33.875000
33.875000					
## 882	2000-11-09	32.687500	33.000000	29.875000	31.250000
31.250000					
## 883	2000-11-10	30.750000	31.875000	30.000000	30.062500
30.062500					
## 884	2000-11-13	28.812500	30.109375	27.437500	27.812500
27.812500					
## 885	2000-11-14	28.750000	29.875000	25.750000	28.937500
28.937500					
## 886	2000-11-15	28.625000	30.812500	28.437500	29.500000
29.500000					
## 887	2000-11-16	28.687500	30.500000	27.750000	27.812500
27.812500					
## 888	2000-11-17	28.000000	29.625000	26.875000	27.437500
27.437500					
## 889	2000-11-20	26.000000	27.937500	25.000000	25.812500
25.812500					
## 890	2000-11-21	26.625000	26.875000	23.625000	24.250000
24.250000					
## 891	2000-11-22	23.875000	27.500000	22.125000	25.187500
25.187500					
## 892	2000-11-24	26.421875	29.125000	26.062500	28.937500
28.937500					

## 893	2000-11-27	29.750000	30.750000	27.000000	28.000000
28.000000					
## 894	2000-11-28	26.000000	26.187500	24.625000	25.031250
25.031250					
## 895	2000-11-29	25.125000	27.500000	24.250000	26.937500
26.937500					
## 896	2000-11-30	24.750000	26.187500	22.875000	24.687500
24.687500					
## 897	2000-12-01	24.937500	26.750000	23.000000	24.625000
24.625000					
## 898	2000-12-04	25.187500	27.187500	23.250000	26.562500
26.562500					
## 899	2000-12-05	27.125000	27.625000	24.750000	25.375000
25.375000					
## 900	2000-12-06	24.687500	26.000000	23.625000	23.625000
23.625000					
## 901	2000-12-07	23.062500	23.437500	20.125000	21.375000
21.375000					
## 902	2000-12-08	23.312500	24.687500	21.250000	23.437500
23.437500					
## 903	2000-12-11	22.875000	26.125000	21.750000	25.312500
25.312500					
## 904	2000-12-12	24.500000	27.500000	24.312500	25.875000
25.875000					
## 905	2000-12-13	26.562500	26.625000	23.500000	23.750000
23.750000					
## 906	2000-12-14	24.062500	24.687500	22.593750	22.687500
22.687500					
## 907	2000-12-15	22.250000	24.250000	22.000000	22.875000
22.875000					
## 908	2000-12-18	20.750000	21.187500	18.937500	19.875000
19.875000					
## 909	2000-12-19	20.312500	20.875000	17.375000	18.250000
18.250000					
## 910	2000-12-20	16.187500	17.875000	15.625000	16.687500
16.687500					
## 911	2000-12-21	16.375000	17.750000	14.875000	15.187500
15.187500					
## 912	2000-12-22	15.312500	16.546875	15.250000	15.562500
15.562500					
## 913	2000-12-26	16.312500	18.500000	16.250000	16.937500
16.937500					
## 914	2000-12-27	16.000000	17.437500	15.562500	16.875000
16.875000					
## 915	2000-12-28	16.625000	18.250000	16.625000	17.375000
17.375000					
## 916	2000-12-29	16.750000	17.125000	15.000000	15.562500
15.562500					
## 917	2001-01-02	15.812500	16.000000	13.625000	13.875000
13.875000					

## 918	2001-01-03	13.625000	17.875000	13.562500	17.562500
17.562500					
## 919	2001-01-04	17.000000	17.562500	15.437500	15.500000
15.500000					
## 920	2001-01-05	15.500000	15.875000	13.562500	14.562500
14.562500					
## 921	2001-01-08	14.437500	15.562500	13.750000	14.937500
14.937500					
## 922	2001-01-09	14.562500	16.625000	14.562500	16.375000
16.375000					
## 923	2001-01-10	15.843750	17.000000	15.562500	16.500000
16.500000					
## 924	2001-01-11	15.750000	17.312500	15.625000	17.000000
17.000000					
## 925	2001-01-12	17.343750	18.500000	17.125000	17.687500
17.687500					
## 926	2001-01-16	18.312500	18.375000	17.250000	18.062500
18.062500					
## 927	2001-01-17	18.875000	19.562500	17.750000	18.375000
18.375000					
## 928	2001-01-18	18.375000	19.500000	17.937500	19.500000
19.500000					
## 929	2001-01-19	20.375000	20.375000	18.687500	19.937500
19.937500					
## 930	2001-01-22	19.500000	19.937500	18.500000	18.500000
18.500000					
## 931	2001-01-23	18.375000	19.312500	18.250000	18.953125
18.953125					
## 932	2001-01-24	19.187500	22.375000	19.000000	21.875000
21.875000					
## 933	2001-01-25	21.687500	21.750000	19.000000	19.000000
19.000000					
## 934	2001-01-26	18.937500	20.500000	18.875000	19.500000
19.500000					
## 935	2001-01-29	19.125000	20.750000	18.812500	20.125000
20.125000					
## 936	2001-01-30	20.562500	20.687500	18.671875	18.937500
18.937500					
## 937	2001-01-31	18.937500	19.562500	17.062500	17.312500
17.312500					
## 938	2001-02-01	17.187500	17.187500	15.750000	16.250000
16.250000					
## 939	2001-02-02	16.125000	16.187500	14.250000	14.375000
14.375000					
## 940	2001-02-05	14.625000	14.937500	14.312500	14.437500
14.437500					
## 941	2001-02-06	13.812500	15.875000	13.562500	15.812500
15.812500					
## 942	2001-02-07	15.187500	15.812500	14.562500	15.000000
15.000000					

## 943	2001-02-08	15.312500	15.875000	14.375000	14.375000
14.375000					
## 944	2001-02-09	14.312500	14.750000	13.375000	13.375000
13.375000					
## 945	2001-02-12	14.125000	15.000000	13.703125	14.500000
14.500000					
## 946	2001-02-13	15.000000	15.062500	13.750000	13.750000
13.750000					
## 947	2001-02-14	14.125000	14.750000	13.500000	14.437500
14.437500					
## 948	2001-02-15	13.500000	14.625000	13.500000	14.500000
14.500000					
## 949	2001-02-16	13.625000	14.125000	13.312500	13.687500
13.687500					
## 950	2001-02-20	13.625000	13.687500	12.437500	12.500000
12.500000					
## 951	2001-02-21	12.250000	12.500000	11.312500	11.937500
11.937500					
## 952	2001-02-22	12.000000	12.125000	11.375000	11.937500
11.937500					
## 953	2001-02-23	11.875000	12.062500	11.062500	11.812500
11.812500					
## 954	2001-02-26	12.062500	12.250000	11.500000	11.937500
11.937500					
## 955	2001-02-27	11.812500	12.125000	11.625000	11.750000
11.750000					
## 956	2001-02-28	11.250000	11.750000	9.937500	10.187500
10.187500					
## 957	2001-03-01	9.875000	10.687500	9.593750	10.437500
10.437500					
## 958	2001-03-02	10.031250	10.625000	10.000000	10.000000
10.000000					
## 959	2001-03-05	12.375000	13.062500	11.500000	12.625000
12.625000					
## 960	2001-03-06	13.078125	14.000000	11.250000	11.875000
11.875000					
## 961	2001-03-07	11.937500	12.562500	11.437500	12.250000
12.250000					
## 962	2001-03-08	11.937500	12.000000	11.625000	11.687500
11.687500					
## 963	2001-03-09	11.437500	12.500000	11.375000	12.250000
12.250000					
## 964	2001-03-12	11.375000	11.687500	10.500000	10.625000
10.625000					
## 965	2001-03-13	10.812500	11.062500	10.500000	11.000000
11.000000					
## 966	2001-03-14	10.250000	10.937500	10.125000	10.625000
10.625000					
## 967	2001-03-15	11.375000	11.437500	10.812500	10.875000
10.875000					

## 968	2001-03-16	10.625000	11.062500	10.250000	11.000000
		11.000000			
## 969	2001-03-19	11.187500	11.312500	10.125000	10.500000
		10.500000			
## 970	2001-03-20	10.562500	11.500000	10.125000	10.250000
		10.250000			
## 971	2001-03-21	10.375000	10.437500	10.000000	10.000000
		10.000000			
## 972	2001-03-22	10.062500	10.250000	9.562500	10.187500
		10.187500			
## 973	2001-03-23	10.562500	10.812500	9.937500	10.187500
		10.187500			
## 974	2001-03-26	10.700000	11.290000	10.620000	10.940000
		10.940000			
## 975	2001-03-27	10.920000	11.800000	10.510000	11.640000
		11.640000			
## 976	2001-03-28	11.100000	11.160000	10.750000	10.800000
		10.800000			
## 977	2001-03-29	10.570000	11.030000	10.000000	10.000000
		10.000000			
## 978	2001-03-30	10.120000	10.840000	9.910000	10.230000
		10.230000			
## 979	2001-04-02	10.330000	10.530000	8.500000	9.100000
		9.100000			
## 980	2001-04-03	8.710000	9.150000	8.500000	8.630000
		8.630000			
## 981	2001-04-04	8.570000	9.000000	8.100000	8.400000
		8.400000			
## 982	2001-04-05	9.020000	9.300000	8.720000	9.120000
		9.120000			
## 983	2001-04-06	8.900000	8.900000	8.200000	8.370000
		8.370000			
## 984	2001-04-09	11.840000	11.900000	10.700000	11.180000
		11.180000			
## 985	2001-04-10	11.240000	13.500000	11.200000	12.010000
		12.010000			
## 986	2001-04-11	13.100000	13.650000	12.180000	13.320000
		13.320000			
## 987	2001-04-12	13.050000	15.010000	13.000000	14.670000
		14.670000			
## 988	2001-04-16	14.500000	14.540000	13.650000	14.030000
		14.030000			
## 989	2001-04-17	13.810000	14.870000	13.750000	14.740000
		14.740000			
## 990	2001-04-18	15.660000	18.160000	15.550000	16.540001
		16.540001			
## 991	2001-04-19	16.900000	16.900000	15.690000	15.990000
		15.990000			
## 992	2001-04-20	15.620000	16.200001	14.970000	15.780000
		15.780000			

## 993	2001-04-23	16.389999	17.459999	16.020000	16.200001
16.200001					
## 994	2001-04-24	16.440001	16.799999	15.480000	15.680000
15.680000					
## 995	2001-04-25	15.690000	16.100000	14.600000	16.090000
16.090000					
## 996	2001-04-26	16.250000	16.500000	15.000000	15.430000
15.430000					
## 997	2001-04-27	15.720000	15.730000	15.020000	15.270000
15.270000					
## 998	2001-04-30	15.630000	16.900000	15.590000	15.780000
15.780000					
## 999	2001-05-01	15.900000	17.000000	15.800000	16.889999
16.889999					
## 1000	2001-05-02	17.139999	17.430000	16.840000	17.110001
17.110001					
## 1001	2001-05-03	16.830000	17.000000	16.250000	16.750000
16.750000					
## 1002	2001-05-04	16.350000	17.600000	15.930000	17.559999
17.559999					
## 1003	2001-05-07	17.360001	17.530001	16.510000	16.920000
16.920000					
## 1004	2001-05-08	16.280001	16.490000	15.600000	16.180000
16.180000					
## 1005	2001-05-09	15.550000	15.660000	15.000000	15.010000
15.010000					
## 1006	2001-05-10	15.400000	15.640000	14.600000	14.620000
14.620000					
## 1007	2001-05-11	14.550000	14.800000	14.000000	14.680000
14.680000					
## 1008	2001-05-14	14.530000	14.530000	13.160000	13.330000
13.330000					
## 1009	2001-05-15	13.350000	14.300000	13.140000	13.540000
13.540000					
## 1010	2001-05-16	13.450000	14.380000	13.100000	14.130000
14.130000					
## 1011	2001-05-17	14.090000	15.000000	14.030000	14.780000
14.780000					
## 1012	2001-05-18	14.830000	15.000000	14.500000	14.720000
14.720000					
## 1013	2001-05-21	14.950000	16.420000	14.750000	16.379999
16.379999					
## 1014	2001-05-22	16.790001	17.000000	15.900000	16.250000
16.250000					
## 1015	2001-05-23	16.200001	16.799999	15.120000	15.600000
15.600000					
## 1016	2001-05-24	15.710000	16.750000	15.250000	16.750000
16.750000					
## 1017	2001-05-25	16.650000	17.530001	16.370001	17.090000
17.090000					

## 1018 2001-05-29	17.209999	17.540001	16.700001	17.219999
17.219999				
## 1019 2001-05-30	16.540001	17.000000	15.620000	15.660000
15.660000				
## 1020 2001-05-31	15.840000	17.200001	15.750000	16.690001
16.690001				
## 1021 2001-06-01	17.219999	17.309999	16.389999	16.950001
16.950001				
## 1022 2001-06-04	17.320000	17.400000	16.150000	16.910000
16.910000				
## 1023 2001-06-05	17.059999	17.920000	16.000000	16.440001
16.440001				
## 1024 2001-06-06	16.670000	16.719999	15.480000	15.990000
15.990000				
## 1025 2001-06-07	15.820000	16.230000	15.690000	16.129999
16.129999				
## 1026 2001-06-08	16.250000	16.330000	15.650000	15.700000
15.700000				
## 1027 2001-06-11	15.500000	15.550000	14.450000	14.860000
14.860000				
## 1028 2001-06-12	14.600000	14.790000	14.320000	14.640000
14.640000				
## 1029 2001-06-13	14.960000	15.150000	14.110000	14.120000
14.120000				
## 1030 2001-06-14	14.120000	14.120000	13.160000	13.290000
13.290000				
## 1031 2001-06-15	13.010000	13.460000	12.300000	12.490000
12.490000				
## 1032 2001-06-18	12.450000	12.700000	11.670000	11.830000
11.830000				
## 1033 2001-06-19	12.450000	12.650000	11.200000	11.360000
11.360000				
## 1034 2001-06-20	11.270000	12.700000	11.200000	12.530000
12.530000				
## 1035 2001-06-21	12.680000	13.200000	12.590000	13.080000
13.080000				
## 1036 2001-06-22	13.130000	13.270000	12.380000	12.400000
12.400000				
## 1037 2001-06-25	12.710000	13.140000	12.570000	12.810000
12.810000				
## 1038 2001-06-26	12.540000	13.740000	12.040000	13.250000
13.250000				
## 1039 2001-06-27	13.810000	14.250000	13.650000	14.040000
14.040000				
## 1040 2001-06-28	14.230000	14.590000	13.770000	14.360000
14.360000				
## 1041 2001-06-29	14.310000	14.650000	13.720000	14.150000
14.150000				
## 1042 2001-07-02	14.100000	14.710000	13.850000	14.530000
14.530000				

## 1043 2001-07-03	14.490000	14.500000	14.000000	14.130000
14.130000				
## 1044 2001-07-05	14.280000	15.450000	14.200000	15.270000
15.270000				
## 1045 2001-07-06	14.900000	15.720000	14.800000	15.270000
15.270000				
## 1046 2001-07-09	15.350000	15.900000	15.110000	15.810000
15.810000				
## 1047 2001-07-10	16.080000	16.120001	15.600000	15.610000
15.610000				
## 1048 2001-07-11	15.430000	15.800000	14.950000	15.340000
15.340000				
## 1049 2001-07-12	15.700000	16.540001	15.700000	16.490000
16.490000				
## 1050 2001-07-13	16.260000	17.000000	16.100000	16.980000
16.980000				
## 1051 2001-07-16	16.940001	17.420000	16.010000	16.010000
16.010000				
## 1052 2001-07-17	15.840000	16.490000	15.830000	16.350000
16.350000				
## 1053 2001-07-18	16.070000	16.650000	15.880000	15.960000
15.960000				
## 1054 2001-07-19	16.150000	16.799999	16.139999	16.490000
16.490000				
## 1055 2001-07-20	16.530001	17.250000	16.450001	16.980000
16.980000				
## 1056 2001-07-23	17.020000	17.129999	15.960000	16.030001
16.030001				
## 1057 2001-07-24	13.620000	14.000000	11.900000	12.060000
12.060000				
## 1058 2001-07-25	12.290000	12.310000	11.070000	11.510000
11.510000				
## 1059 2001-07-26	11.670000	12.750000	11.230000	12.330000
12.330000				
## 1060 2001-07-27	12.330000	12.430000	11.700000	12.250000
12.250000				
## 1061 2001-07-30	12.210000	12.750000	11.980000	12.550000
12.550000				
## 1062 2001-07-31	12.640000	12.860000	12.230000	12.490000
12.490000				
## 1063 2001-08-01	12.730000	12.860000	12.170000	12.500000
12.500000				
## 1064 2001-08-02	12.590000	12.600000	12.100000	12.190000
12.190000				
## 1065 2001-08-03	12.240000	12.390000	12.110000	12.150000
12.150000				
## 1066 2001-08-06	12.180000	12.200000	11.850000	11.900000
11.900000				
## 1067 2001-08-07	11.890000	11.900000	11.520000	11.600000
11.600000				

## 1068 2001-08-08	11.510000	11.550000	11.030000	11.110000
11.110000				
## 1069 2001-08-09	11.140000	11.170000	10.250000	10.460000
10.460000				
## 1070 2001-08-10	10.580000	10.650000	9.940000	9.950000
9.950000				
## 1071 2001-08-13	10.100000	10.300000	9.770000	10.120000
10.120000				
## 1072 2001-08-14	10.320000	11.040000	10.270000	10.530000
10.530000				
## 1073 2001-08-15	10.540000	10.830000	10.000000	10.080000
10.080000				
## 1074 2001-08-16	10.080000	10.150000	9.400000	9.810000
9.810000				
## 1075 2001-08-17	9.510000	10.090000	9.450000	9.990000
9.990000				
## 1076 2001-08-20	10.190000	10.410000	9.950000	10.400000
10.400000				
## 1077 2001-08-21	10.700000	10.790000	9.880000	9.890000
9.890000				
## 1078 2001-08-22	10.160000	10.230000	9.590000	10.200000
10.200000				
## 1079 2001-08-23	10.130000	10.160000	9.570000	9.630000
9.630000				
## 1080 2001-08-24	9.840000	10.300000	9.720000	10.230000
10.230000				
## 1081 2001-08-27	10.090000	10.270000	9.910000	10.130000
10.130000				
## 1082 2001-08-28	10.120000	10.150000	9.560000	9.970000
9.970000				
## 1083 2001-08-29	10.040000	10.050000	9.010000	9.190000
9.190000				
## 1084 2001-08-30	9.060000	9.490000	8.550000	8.690000
8.690000				
## 1085 2001-08-31	8.700000	9.300000	8.690000	8.940000
8.940000				
## 1086 2001-09-04	8.950000	9.190000	8.520000	8.590000
8.590000				
## 1087 2001-09-05	8.660000	8.680000	6.850000	7.650000
7.650000				
## 1088 2001-09-06	7.840000	8.190000	7.670000	8.150000
8.150000				
## 1089 2001-09-07	7.960000	8.610000	7.850000	8.510000
8.510000				
## 1090 2001-09-10	8.400000	8.650000	8.060000	8.630000
8.630000				
## 1091 2001-09-17	7.300000	8.050000	7.050000	7.490000
7.490000				
## 1092 2001-09-18	7.590000	7.750000	7.250000	7.290000
7.290000				

## 1093 2001-09-19	7.350000 7.310000	7.450000	6.640000	7.310000
## 1094 2001-09-20	7.110000 7.480000	7.640000	7.050000	7.480000
## 1095 2001-09-21	6.950000 7.480000	7.720000	6.690000	7.480000
## 1096 2001-09-24	7.700000 7.460000	7.830000	7.340000	7.460000
## 1097 2001-09-25	7.490000 7.090000	7.570000	7.020000	7.090000
## 1098 2001-09-26	7.200000 6.350000	7.230000	6.000000	6.350000
## 1099 2001-09-27	6.470000 6.200000	6.640000	5.670000	6.200000
## 1100 2001-09-28	6.250000 5.970000	6.470000	5.830000	5.970000
## 1101 2001-10-01	5.910000 6.010000	6.100000	5.510000	6.010000
## 1102 2001-10-02	6.170000 6.080000	6.170000	5.950000	6.080000
## 1103 2001-10-03	6.170000 6.760000	7.210000	6.020000	6.760000
## 1104 2001-10-04	7.090000 7.040000	7.870000	6.680000	7.040000
## 1105 2001-10-05	6.970000 7.200000	7.900000	6.740000	7.200000
## 1106 2001-10-08	7.070000 7.120000	7.300000	6.910000	7.120000
## 1107 2001-10-09	7.110000 6.910000	7.120000	6.670000	6.910000
## 1108 2001-10-10	6.900000 7.260000	7.310000	6.800000	7.260000
## 1109 2001-10-11	7.540000 7.850000	8.160000	7.500000	7.850000
## 1110 2001-10-12	7.760000 8.070000	8.150000	7.470000	8.070000
## 1111 2001-10-15	8.240000 8.880000	9.200000	8.230000	8.880000
## 1112 2001-10-16	9.230000 9.560000	9.750000	9.110000	9.560000
## 1113 2001-10-17	9.980000 8.920000	9.990000	8.850000	8.920000
## 1114 2001-10-18	8.910000 8.470000	9.230000	8.380000	8.470000
## 1115 2001-10-19	8.490000 8.010000	8.520000	7.500000	8.010000
## 1116 2001-10-22	8.070000 8.770000	8.830000	8.040000	8.770000
## 1117 2001-10-23	9.250000 9.550000	9.600000	8.850000	9.550000

## 1118 2001-10-24	8.050000	8.150000	7.400000	7.640000
7.640000				
## 1119 2001-10-25	7.390000	7.780000	7.150000	7.770000
7.770000				
## 1120 2001-10-26	7.630000	8.010000	7.510000	7.560000
7.560000				
## 1121 2001-10-29	7.610000	7.660000	7.040000	7.050000
7.050000				
## 1122 2001-10-30	7.010000	7.030000	6.320000	6.420000
6.420000				
## 1123 2001-10-31	6.790000	7.020000	6.550000	6.980000
6.980000				
## 1124 2001-11-01	7.080000	7.100000	6.600000	6.950000
6.950000				
## 1125 2001-11-02	6.950000	6.950000	6.670000	6.710000
6.710000				
## 1126 2001-11-05	7.100000	7.200000	6.960000	6.990000
6.990000				
## 1127 2001-11-06	7.080000	7.130000	6.910000	7.050000
7.050000				
## 1128 2001-11-07	7.010000	7.680000	7.000000	7.430000
7.430000				
## 1129 2001-11-08	7.660000	7.670000	6.740000	6.970000
6.970000				
## 1130 2001-11-09	7.050000	7.220000	6.970000	7.120000
7.120000				
## 1131 2001-11-12	7.160000	7.240000	6.800000	7.050000
7.050000				
## 1132 2001-11-13	7.440000	7.530000	7.200000	7.290000
7.290000				
## 1133 2001-11-14	7.630000	9.490000	7.600000	9.490000
9.490000				
## 1134 2001-11-15	9.220000	9.900000	8.750000	9.050000
9.050000				
## 1135 2001-11-16	9.210000	9.350000	8.750000	8.950000
8.950000				
## 1136 2001-11-19	9.350000	9.500000	9.000000	9.190000
9.190000				
## 1137 2001-11-20	9.070000	9.300000	8.600000	8.600000
8.600000				
## 1138 2001-11-21	8.740000	8.970000	8.040000	8.800000
8.800000				
## 1139 2001-11-23	8.900000	9.140000	8.560000	9.080000
9.080000				
## 1140 2001-11-26	9.830000	12.220000	9.800000	12.210000
12.210000				
## 1141 2001-11-27	12.050000	12.250000	11.220000	11.480000
11.480000				
## 1142 2001-11-28	11.240000	12.400000	11.180000	11.590000
11.590000				

## 1143 2001-11-29	11.890000	11.900000	10.790000	11.150000
11.150000				
## 1144 2001-11-30	11.300000	11.550000	10.800000	11.320000
11.320000				
## 1145 2001-12-03	11.020000	11.080000	10.480000	10.490000
10.490000				
## 1146 2001-12-04	10.930000	12.050000	10.710000	11.930000
11.930000				
## 1147 2001-12-05	12.400000	12.800000	11.750000	11.760000
11.760000				
## 1148 2001-12-06	12.040000	12.400000	11.850000	12.100000
12.100000				
## 1149 2001-12-07	12.290000	12.300000	11.500000	11.710000
11.710000				
## 1150 2001-12-10	11.550000	12.150000	11.440000	11.650000
11.650000				
## 1151 2001-12-11	12.000000	12.430000	11.780000	12.240000
12.240000				
## 1152 2001-12-12	12.430000	12.430000	11.630000	11.910000
11.910000				
## 1153 2001-12-13	11.540000	11.800000	10.850000	10.890000
10.890000				
## 1154 2001-12-14	11.100000	11.200000	10.070000	11.000000
11.000000				
## 1155 2001-12-17	11.100000	11.140000	10.180000	10.810000
10.810000				
## 1156 2001-12-18	11.050000	11.360000	10.620000	10.860000
10.860000				
## 1157 2001-12-19	10.730000	11.150000	10.510000	10.710000
10.710000				
## 1158 2001-12-20	10.570000	10.830000	10.140000	10.150000
10.150000				
## 1159 2001-12-21	10.310000	11.060000	10.000000	10.000000
10.000000				
## 1160 2001-12-24	10.150000	10.220000	9.510000	9.830000
9.830000				
## 1161 2001-12-26	10.970000	11.280000	10.870000	11.100000
11.100000				
## 1162 2001-12-27	11.330000	11.490000	10.570000	10.600000
10.600000				
## 1163 2001-12-28	10.910000	11.080000	10.690000	10.900000
10.900000				
## 1164 2001-12-31	11.070000	11.190000	10.740000	10.820000
10.820000				
## 1165 2002-01-02	10.930000	11.000000	10.480000	10.960000
10.960000				
## 1166 2002-01-03	11.130000	11.940000	11.050000	11.900000
11.900000				
## 1167 2002-01-04	12.020000	12.400000	11.950000	12.250000
12.250000				

## 1168 2002-01-07	12.080000	12.510000	12.080000	12.340000
12.340000				
## 1169 2002-01-08	12.270000	12.320000	11.750000	11.850000
11.850000				
## 1170 2002-01-09	11.960000	12.170000	11.300000	11.530000
11.530000				
## 1171 2002-01-10	11.660000	11.670000	10.870000	11.040000
11.040000				
## 1172 2002-01-11	11.030000	11.340000	10.930000	11.030000
11.030000				
## 1173 2002-01-14	10.800000	10.830000	10.090000	10.110000
10.110000				
## 1174 2002-01-15	10.340000	10.420000	10.160000	10.290000
10.290000				
## 1175 2002-01-16	10.010000	10.010000	9.030000	9.130000
9.130000				
## 1176 2002-01-17	9.820000	9.850000	9.400000	9.740000
9.740000				
## 1177 2002-01-18	9.600000	10.550000	9.390000	10.160000
10.160000				
## 1178 2002-01-22	12.740000	12.790000	12.140000	12.600000
12.600000				
## 1179 2002-01-23	12.490000	12.600000	11.900000	12.470000
12.470000				
## 1180 2002-01-24	12.750000	14.060000	12.710000	14.010000
14.010000				
## 1181 2002-01-25	13.560000	15.390000	13.390000	14.440000
14.440000				
## 1182 2002-01-28	14.860000	15.770000	14.760000	15.500000
15.500000				
## 1183 2002-01-29	15.540000	15.550000	13.970000	14.220000
14.220000				
## 1184 2002-01-30	13.980000	14.250000	13.200000	13.900000
13.900000				
## 1185 2002-01-31	14.120000	14.490000	13.410000	14.190000
14.190000				
## 1186 2002-02-01	14.070000	14.090000	13.350000	13.730000
13.730000				
## 1187 2002-02-04	12.910000	13.090000	12.430000	12.530000
12.530000				
## 1188 2002-02-05	11.980000	12.290000	11.160000	11.500000
11.500000				
## 1189 2002-02-06	11.900000	12.000000	11.200000	11.260000
11.260000				
## 1190 2002-02-07	11.250000	11.850000	11.060000	11.240000
11.240000				
## 1191 2002-02-08	11.510000	12.670000	11.500000	12.520000
12.520000				
## 1192 2002-02-11	12.640000	13.500000	12.540000	13.300000
13.300000				

## 1193	2002-02-12	13.030000	13.240000	12.500000	12.900000
12.900000					
## 1194	2002-02-13	13.100000	13.330000	13.060000	13.290000
13.290000					
## 1195	2002-02-14	13.340000	14.260000	13.300000	13.880000
13.880000					
## 1196	2002-02-15	13.910000	14.040000	13.270000	13.410000
13.410000					
## 1197	2002-02-19	12.950000	13.840000	12.800000	13.010000
13.010000					
## 1198	2002-02-20	13.190000	13.400000	12.150000	12.960000
12.960000					
## 1199	2002-02-21	12.910000	13.650000	12.900000	13.260000
13.260000					
## 1200	2002-02-22	13.050000	13.230000	12.700000	13.070000
13.070000					
## 1201	2002-02-25	13.090000	13.740000	13.000000	13.730000
13.730000					
## 1202	2002-02-26	13.510000	14.490000	13.450000	14.400000
14.400000					
## 1203	2002-02-27	14.550000	14.730000	14.120000	14.270000
14.270000					
## 1204	2002-02-28	14.290000	14.750000	13.930000	14.100000
14.100000					
## 1205	2002-03-01	14.130000	15.400000	14.120000	15.390000
15.390000					
## 1206	2002-03-04	15.420000	16.490000	15.400000	16.480000
16.480000					
## 1207	2002-03-05	16.000000	16.680000	15.530000	15.970000
15.970000					
## 1208	2002-03-06	14.820000	16.590000	14.820000	16.330000
16.330000					
## 1209	2002-03-07	16.410000	16.950001	15.400000	15.620000
15.620000					
## 1210	2002-03-08	16.250000	16.959999	15.930000	16.350000
16.350000					
## 1211	2002-03-11	16.040001	16.879999	15.860000	16.709999
16.709999					
## 1212	2002-03-12	16.350000	16.590000	16.040001	16.309999
16.309999					
## 1213	2002-03-13	16.049999	16.340000	15.640000	15.740000
15.740000					
## 1214	2002-03-14	14.990000	15.500000	14.280000	14.480000
14.480000					
## 1215	2002-03-15	14.270000	14.290000	13.550000	14.030000
14.030000					
## 1216	2002-03-18	14.150000	15.280000	14.140000	15.010000
15.010000					
## 1217	2002-03-19	15.150000	15.400000	14.560000	14.660000
14.660000					

## 1218 2002-03-20	14.480000	15.130000	14.300000	14.500000
14.500000				
## 1219 2002-03-21	14.620000	15.240000	14.560000	15.170000
15.170000				
## 1220 2002-03-22	15.120000	15.600000	15.100000	15.530000
15.530000				
## 1221 2002-03-25	15.470000	15.730000	14.720000	14.740000
14.740000				
## 1222 2002-03-26	14.640000	15.450000	14.550000	14.830000
14.830000				
## 1223 2002-03-27	13.900000	14.350000	13.700000	14.250000
14.250000				
## 1224 2002-03-28	14.400000	14.650000	14.250000	14.300000
14.300000				
## 1225 2002-04-01	14.280000	14.800000	14.140000	14.800000
14.800000				
## 1226 2002-04-02	14.640000	15.090000	14.190000	14.250000
14.250000				
## 1227 2002-04-03	14.370000	14.450000	13.600000	13.670000
13.670000				
## 1228 2002-04-04	13.730000	13.800000	13.230000	13.540000
13.540000				
## 1229 2002-04-05	13.670000	14.040000	13.310000	13.500000
13.500000				
## 1230 2002-04-08	12.970000	13.960000	12.960000	13.950000
13.950000				
## 1231 2002-04-09	14.070000	14.590000	13.560000	13.600000
13.600000				
## 1232 2002-04-10	13.760000	14.000000	13.050000	13.480000
13.480000				
## 1233 2002-04-11	13.280000	13.280000	12.520000	12.740000
12.740000				
## 1234 2002-04-12	12.900000	13.610000	12.850000	13.310000
13.310000				
## 1235 2002-04-15	13.420000	14.100000	13.350000	13.890000
13.890000				
## 1236 2002-04-16	14.180000	14.290000	13.720000	14.010000
14.010000				
## 1237 2002-04-17	14.240000	15.000000	14.240000	14.820000
14.820000				
## 1238 2002-04-18	14.700000	14.860000	13.950000	14.260000
14.260000				
## 1239 2002-04-19	14.380000	14.740000	14.150000	14.530000
14.530000				
## 1240 2002-04-22	14.580000	14.850000	14.150000	14.310000
14.310000				
## 1241 2002-04-23	14.350000	14.750000	13.880000	14.060000
14.060000				
## 1242 2002-04-24	15.230000	16.850000	15.050000	16.790001
16.790001				

## 1243	2002-04-25	16.510000	17.049999	16.410000	16.820000
16.820000					
## 1244	2002-04-26	16.860001	16.950001	16.320000	16.910000
16.910000					
## 1245	2002-04-29	16.750000	17.000000	15.900000	16.180000
16.180000					
## 1246	2002-04-30	16.129999	16.760000	15.930000	16.690001
16.690001					
## 1247	2002-05-01	16.549999	17.049999	16.420000	16.490000
16.490000					
## 1248	2002-05-02	16.430000	16.650000	16.250000	16.320000
16.320000					
## 1249	2002-05-03	16.230000	16.400000	15.750000	16.049999
16.049999					
## 1250	2002-05-06	15.940000	16.490000	15.750000	16.120001
16.120001					
## 1251	2002-05-07	16.110001	16.350000	16.030001	16.110001
16.110001					
## 1252	2002-05-08	16.549999	17.459999	16.500000	17.320000
17.320000					
## 1253	2002-05-09	17.120001	18.230000	17.100000	17.730000
17.730000					
## 1254	2002-05-10	17.889999	17.959999	16.799999	16.940001
16.940001					
## 1255	2002-05-13	17.170000	17.629999	16.850000	17.320000
17.320000					
## 1256	2002-05-14	18.040001	19.450001	18.020000	18.809999
18.809999					
## 1257	2002-05-15	18.680000	20.400000	18.350000	19.940001
19.940001					
## 1258	2002-05-16	19.510000	19.950001	19.290001	19.610001
19.610001					
## 1259	2002-05-17	19.969999	20.000000	18.809999	19.160000
19.160000					
## 1260	2002-05-20	18.799999	19.480000	18.770000	19.389999
19.389999					
## 1261	2002-05-21	19.540001	19.799999	18.549999	18.760000
18.760000					
## 1262	2002-05-22	18.670000	19.129999	18.219999	18.750000
18.750000					
## 1263	2002-05-23	18.840000	19.549999	18.610001	19.450001
19.450001					
## 1264	2002-05-24	19.400000	19.690001	19.059999	19.469999
19.469999					
## 1265	2002-05-28	19.570000	19.610001	18.770000	19.059999
19.059999					
## 1266	2002-05-29	18.820000	19.100000	18.799999	18.910000
18.910000					
## 1267	2002-05-30	18.700001	18.940001	18.080000	18.370001
18.370001					

## 1268 2002-05-31	18.500000	18.889999	18.200001	18.230000
18.230000				
## 1269 2002-06-03	18.309999	18.500000	17.930000	17.959999
17.959999				
## 1270 2002-06-04	17.799999	18.139999	17.469999	17.969999
17.969999				
## 1271 2002-06-05	17.980000	18.180000	17.450001	17.990000
17.990000				
## 1272 2002-06-06	17.889999	18.410000	17.760000	18.170000
18.170000				
## 1273 2002-06-07	17.889999	18.650000	17.850000	18.580000
18.580000				
## 1274 2002-06-10	17.900000	18.120001	17.020000	17.299999
17.299999				
## 1275 2002-06-11	17.309999	17.790001	17.120001	17.139999
17.139999				
## 1276 2002-06-12	17.049999	17.150000	16.260000	17.080000
17.080000				
## 1277 2002-06-13	17.000000	17.500000	16.740000	17.430000
17.430000				
## 1278 2002-06-14	17.139999	17.400000	16.260000	16.820000
16.820000				
## 1279 2002-06-17	16.950001	18.480000	16.860001	18.410000
18.410000				
## 1280 2002-06-18	18.129999	19.160000	18.090000	18.780001
18.780001				
## 1281 2002-06-19	18.490000	19.100000	18.270000	18.299999
18.299999				
## 1282 2002-06-20	18.320000	18.379999	17.340000	17.549999
17.549999				
## 1283 2002-06-21	17.600000	17.790001	17.340000	17.530001
17.530001				
## 1284 2002-06-24	17.430000	17.780001	16.940001	17.510000
17.510000				
## 1285 2002-06-25	16.889999	16.950001	15.040000	15.340000
15.340000				
## 1286 2002-06-26	14.690000	15.930000	14.680000	15.850000
15.850000				
## 1287 2002-06-27	16.110001	16.469999	15.300000	15.860000
15.860000				
## 1288 2002-06-28	15.690000	16.360001	15.400000	16.250000
16.250000				
## 1289 2002-07-01	16.170000	16.170000	13.520000	13.550000
13.550000				
## 1290 2002-07-02	13.600000	14.160000	13.000000	13.320000
13.320000				
## 1291 2002-07-03	13.380000	14.460000	12.890000	14.250000
14.250000				
## 1292 2002-07-05	14.390000	15.230000	14.370000	15.210000
15.210000				

## 1293 2002-07-08	14.950000	15.850000	14.680000	14.940000
14.940000				
## 1294 2002-07-09	15.050000	16.030001	14.980000	15.600000
15.600000				
## 1295 2002-07-10	15.650000	15.940000	14.650000	14.960000
14.960000				
## 1296 2002-07-11	14.660000	15.840000	14.000000	15.550000
15.550000				
## 1297 2002-07-12	15.750000	16.190001	15.250000	15.430000
15.430000				
## 1298 2002-07-15	15.470000	15.980000	15.000000	15.940000
15.940000				
## 1299 2002-07-16	15.690000	17.070000	15.660000	16.290001
16.290001				
## 1300 2002-07-17	16.840000	17.160000	15.320000	16.160000
16.160000				
## 1301 2002-07-18	15.920000	16.590000	15.530000	15.550000
15.550000				
## 1302 2002-07-19	15.360000	15.710000	15.070000	15.290000
15.290000				
## 1303 2002-07-22	15.150000	15.650000	15.000000	15.500000
15.500000				
## 1304 2002-07-23	15.540000	15.880000	14.400000	14.550000
14.550000				
## 1305 2002-07-24	12.370000	14.160000	12.260000	14.100000
14.100000				
## 1306 2002-07-25	13.710000	14.010000	12.400000	12.490000
12.490000				
## 1307 2002-07-26	12.720000	13.110000	12.500000	12.930000
12.930000				
## 1308 2002-07-29	13.250000	14.460000	13.230000	14.330000
14.330000				
## 1309 2002-07-30	14.190000	14.900000	14.080000	14.770000
14.770000				
## 1310 2002-07-31	14.450000	14.660000	14.140000	14.450000
14.450000				
## 1311 2002-08-01	14.310000	14.500000	13.990000	14.160000
14.160000				
## 1312 2002-08-02	14.130000	14.140000	13.450000	13.840000
13.840000				
## 1313 2002-08-05	13.650000	13.790000	12.780000	12.870000
12.870000				
## 1314 2002-08-06	13.270000	13.900000	13.140000	13.740000
13.740000				
## 1315 2002-08-07	13.930000	13.940000	12.850000	13.600000
13.600000				
## 1316 2002-08-08	13.240000	14.100000	13.060000	13.900000
13.900000				
## 1317 2002-08-09	13.610000	14.750000	13.600000	14.260000
14.260000				

## 1318	2002-08-12	14.140000	14.490000	13.950000	14.460000
14.460000					
## 1319	2002-08-13	14.300000	14.670000	13.900000	13.930000
13.930000					
## 1320	2002-08-14	13.930000	14.060000	13.320000	13.910000
13.910000					
## 1321	2002-08-15	14.050000	14.750000	13.920000	14.620000
14.620000					
## 1322	2002-08-16	14.390000	15.010000	14.310000	14.900000
14.900000					
## 1323	2002-08-19	14.840000	15.520000	14.670000	15.500000
15.500000					
## 1324	2002-08-20	15.380000	15.990000	15.310000	15.980000
15.980000					
## 1325	2002-08-21	15.950000	15.970000	15.200000	15.380000
15.380000					
## 1326	2002-08-22	15.330000	15.950000	14.920000	15.730000
15.730000					
## 1327	2002-08-23	15.600000	15.720000	14.950000	15.170000
15.170000					
## 1328	2002-08-26	15.290000	15.440000	14.680000	14.930000
14.930000					
## 1329	2002-08-27	15.040000	15.270000	14.500000	14.520000
14.520000					
## 1330	2002-08-28	14.480000	14.970000	14.350000	14.570000
14.570000					
## 1331	2002-08-29	14.430000	15.190000	14.210000	15.140000
15.140000					
## 1332	2002-08-30	14.910000	15.380000	14.750000	14.940000
14.940000					
## 1333	2002-09-03	14.710000	15.030000	14.490000	14.600000
14.600000					
## 1334	2002-09-04	14.660000	14.960000	14.260000	14.830000
14.830000					
## 1335	2002-09-05	14.580000	14.720000	14.240000	14.250000
14.250000					
## 1336	2002-09-06	14.560000	15.480000	14.560000	15.310000
15.310000					
## 1337	2002-09-09	15.120000	16.650000	15.060000	16.510000
16.510000					
## 1338	2002-09-10	16.530001	17.350000	16.420000	17.129999
17.129999					
## 1339	2002-09-11	17.150000	17.850000	17.040001	17.110001
17.110001					
## 1340	2002-09-12	16.830000	17.129999	16.610001	16.750000
16.750000					
## 1341	2002-09-13	16.690001	16.990000	16.500000	16.610001
16.610001					
## 1342	2002-09-16	16.510000	16.930000	16.450001	16.709999
16.709999					

## 1343	2002-09-17	17.000000	17.750000	16.770000	17.350000
17.350000					
## 1344	2002-09-18	17.219999	17.930000	16.950001	17.730000
17.730000					
## 1345	2002-09-19	17.400000	17.639999	17.170000	17.209999
17.209999					
## 1346	2002-09-20	17.450001	17.639999	15.450000	15.860000
15.860000					
## 1347	2002-09-23	15.600000	16.440001	15.590000	16.049999
16.049999					
## 1348	2002-09-24	15.870000	16.370001	15.600000	15.930000
15.930000					
## 1349	2002-09-25	16.170000	16.389999	15.290000	15.730000
15.730000					
## 1350	2002-09-26	15.930000	17.350000	15.710000	17.150000
17.150000					
## 1351	2002-09-27	16.850000	17.400000	16.820000	17.010000
17.010000					
## 1352	2002-09-30	16.639999	16.850000	15.850000	15.930000
15.930000					
## 1353	2002-10-01	16.230000	17.059999	16.010000	16.950001
16.950001					
## 1354	2002-10-02	16.809999	17.639999	16.700001	17.010000
17.010000					
## 1355	2002-10-03	16.790001	17.250000	16.660000	16.750000
16.750000					
## 1356	2002-10-04	16.950001	17.150000	16.379999	16.549999
16.549999					
## 1357	2002-10-07	16.549999	16.959999	16.370001	16.639999
16.639999					
## 1358	2002-10-08	16.879999	17.059999	16.459999	16.940001
16.940001					
## 1359	2002-10-09	16.700001	17.129999	16.600000	16.860001
16.860001					
## 1360	2002-10-10	17.160000	17.969999	17.150000	17.959999
17.959999					
## 1361	2002-10-11	18.180000	18.740000	18.100000	18.459999
18.459999					
## 1362	2002-10-14	18.180000	19.230000	18.170000	19.200001
19.200001					
## 1363	2002-10-15	19.840000	20.139999	18.650000	18.940001
18.940001					
## 1364	2002-10-16	18.270000	19.660000	18.250000	19.490000
19.490000					
## 1365	2002-10-17	20.100000	20.219999	18.430000	18.740000
18.740000					
## 1366	2002-10-18	18.480000	19.290001	18.360001	19.040001
19.040001					
## 1367	2002-10-21	18.889999	19.530001	18.719999	19.260000
19.260000					

## 1368	2002-10-22	19.010000	19.910000	18.900000	19.379999
19.379999					
## 1369	2002-10-23	19.520000	19.820000	19.370001	19.750000
19.750000					
## 1370	2002-10-24	19.950001	20.260000	19.799999	19.860001
19.860001					
## 1371	2002-10-25	18.840000	19.360001	18.480000	19.299999
19.299999					
## 1372	2002-10-28	19.280001	19.730000	18.400000	18.590000
18.590000					
## 1373	2002-10-29	18.510000	18.920000	18.070000	18.570000
18.570000					
## 1374	2002-10-30	18.850000	19.219999	18.469999	19.080000
19.080000					
## 1375	2002-10-31	19.030001	19.480000	18.850000	19.360001
19.360001					
## 1376	2002-11-01	19.219999	19.900000	19.090000	19.799999
19.799999					
## 1377	2002-11-04	19.389999	19.809999	18.590000	18.780001
18.780001					
## 1378	2002-11-05	18.629999	18.870001	18.200001	18.719999
18.719999					
## 1379	2002-11-06	18.770000	19.389999	18.260000	19.340000
19.340000					
## 1380	2002-11-07	18.850000	19.299999	18.770000	19.120001
19.120001					
## 1381	2002-11-08	19.040001	19.660000	18.809999	19.510000
19.510000					
## 1382	2002-11-11	19.400000	19.549999	18.799999	19.000000
19.000000					
## 1383	2002-11-12	19.010000	19.990000	19.010000	19.820000
19.820000					
## 1384	2002-11-13	19.610001	21.000000	19.610001	20.410000
20.410000					
## 1385	2002-11-14	20.990000	21.490000	20.950001	21.209999
21.209999					
## 1386	2002-11-15	21.150000	22.350000	21.090000	22.209999
22.209999					
## 1387	2002-11-18	22.650000	23.740000	22.150000	22.420000
22.420000					
## 1388	2002-11-19	21.879999	21.889999	21.230000	21.290001
21.290001					
## 1389	2002-11-20	21.350000	23.000000	21.219999	22.900000
22.900000					
## 1390	2002-11-21	23.330000	23.850000	23.209999	23.400000
23.400000					
## 1391	2002-11-22	23.200001	24.280001	23.100000	23.990000
23.990000					
## 1392	2002-11-25	24.030001	24.500000	23.820000	24.250000
24.250000					

## 1393	2002-11-26	24.020000	24.200001	23.379999	23.400000
23.400000					
## 1394	2002-11-27	23.719999	24.240000	23.709999	24.080000
24.080000					
## 1395	2002-11-29	24.150000	24.379999	23.330000	23.350000
23.350000					
## 1396	2002-12-02	24.150000	25.000000	24.000000	24.110001
24.110001					
## 1397	2002-12-03	23.830000	23.980000	23.379999	23.740000
23.740000					
## 1398	2002-12-04	23.480000	23.799999	22.959999	23.389999
23.389999					
## 1399	2002-12-05	23.660000	23.680000	22.200001	22.580000
22.580000					
## 1400	2002-12-06	21.700001	22.690001	21.510000	22.610001
22.610001					
## 1401	2002-12-09	22.230000	22.350000	21.600000	21.680000
21.680000					
## 1402	2002-12-10	21.959999	21.990000	21.240000	21.860001
21.860001					
## 1403	2002-12-11	21.670000	22.379999	21.620001	22.129999
22.129999					
## 1404	2002-12-12	22.469999	22.620001	21.809999	22.299999
22.299999					
## 1405	2002-12-13	21.950001	22.350000	21.870001	22.180000
22.180000					
## 1406	2002-12-16	22.230000	22.530001	22.040001	22.510000
22.510000					
## 1407	2002-12-17	22.330000	22.559999	22.320000	22.459999
22.459999					
## 1408	2002-12-18	22.250000	22.260000	21.980000	22.100000
22.100000					
## 1409	2002-12-19	21.629999	22.200001	21.530001	21.690001
21.690001					
## 1410	2002-12-20	21.790001	22.010000	21.600000	21.930000
21.930000					
## 1411	2002-12-23	21.780001	22.469999	21.780001	22.240000
22.240000					
## 1412	2002-12-24	22.180000	22.280001	21.879999	21.879999
21.879999					
## 1413	2002-12-26	21.590000	21.600000	20.000000	20.299999
20.299999					
## 1414	2002-12-27	19.969999	20.100000	18.430000	18.860001
18.860001					
## 1415	2002-12-30	18.850000	19.400000	18.740000	19.250000
19.250000					
## 1416	2002-12-31	19.250000	19.559999	18.830000	18.889999
18.889999					
## 1417	2003-01-02	19.190001	19.680000	18.549999	19.570000
19.570000					

## 1418	2003-01-03	19.590000	20.530001	19.410000	20.520000
		20.520000			
## 1419	2003-01-06	20.400000	21.170000	20.299999	20.700001
		20.700001			
## 1420	2003-01-07	20.830000	21.750000	20.600000	21.549999
		21.549999			
## 1421	2003-01-08	21.440001	21.600000	20.820000	21.020000
		21.020000			
## 1422	2003-01-09	21.080000	21.700001	20.900000	21.450001
		21.450001			
## 1423	2003-01-10	20.959999	21.660000	20.809999	21.320000
		21.320000			
## 1424	2003-01-13	21.330000	22.100000	21.250000	22.040001
		22.040001			
## 1425	2003-01-14	21.850000	22.760000	21.660000	22.740000
		22.740000			
## 1426	2003-01-15	22.590000	22.610001	21.940001	22.270000
		22.270000			
## 1427	2003-01-16	21.690001	22.100000	21.450001	21.799999
		21.799999			
## 1428	2003-01-17	21.459999	21.709999	21.230000	21.400000
		21.400000			
## 1429	2003-01-21	21.250000	21.610001	20.360001	21.080000
		21.080000			
## 1430	2003-01-22	20.770000	21.700001	20.750000	21.170000
		21.170000			
## 1431	2003-01-23	21.540001	22.040001	21.150000	21.790001
		21.790001			
## 1432	2003-01-24	22.590000	23.280001	21.900000	22.110001
		22.110001			
## 1433	2003-01-27	21.680000	22.370001	21.639999	21.780001
		21.780001			
## 1434	2003-01-28	21.910000	21.969999	21.230000	21.620001
		21.620001			
## 1435	2003-01-29	21.549999	22.350000	21.400000	22.080000
		22.080000			
## 1436	2003-01-30	22.200001	22.400000	21.730000	21.820000
		21.820000			
## 1437	2003-01-31	21.639999	22.270000	21.559999	21.850000
		21.850000			
## 1438	2003-02-03	21.940001	22.440001	21.820000	22.160000
		22.160000			
## 1439	2003-02-04	21.940001	22.139999	21.570000	22.049999
		22.049999			
## 1440	2003-02-05	22.180000	22.500000	22.030001	22.170000
		22.170000			
## 1441	2003-02-06	22.160000	22.480000	21.930000	22.090000
		22.090000			
## 1442	2003-02-07	22.100000	22.110001	21.200001	21.440001
		21.440001			

## 1443	2003-02-10	21.400000	21.410000	20.570000	21.400000
21.400000					
## 1444	2003-02-11	21.559999	21.600000	20.690001	20.780001
20.780001					
## 1445	2003-02-12	20.790001	21.200001	20.660000	21.129999
21.129999					
## 1446	2003-02-13	20.950001	21.000000	19.610001	20.059999
20.059999					
## 1447	2003-02-14	19.990000	20.230000	19.709999	20.059999
20.059999					
## 1448	2003-02-18	20.150000	21.410000	20.150000	21.389999
21.389999					
## 1449	2003-02-19	21.150000	21.250000	21.020000	21.190001
21.190001					
## 1450	2003-02-20	21.190001	21.500000	21.090000	21.360001
21.360001					
## 1451	2003-02-21	21.350000	21.830000	21.040001	21.780001
21.780001					
## 1452	2003-02-24	21.639999	22.180000	21.639999	21.780001
21.780001					
## 1453	2003-02-25	21.500000	22.000000	21.400000	21.879999
21.879999					
## 1454	2003-02-26	21.629999	21.980000	21.620001	21.639999
21.639999					
## 1455	2003-02-27	21.660000	21.770000	20.250000	21.620001
21.620001					
## 1456	2003-02-28	21.570000	22.020000	21.430000	22.010000
22.010000					
## 1457	2003-03-03	22.150000	22.610001	21.740000	21.809999
21.809999					
## 1458	2003-03-04	21.700001	22.350000	21.360001	22.270000
22.270000					
## 1459	2003-03-05	22.080000	22.620001	22.020000	22.420000
22.420000					
## 1460	2003-03-06	22.320000	22.850000	22.120001	22.690001
22.690001					
## 1461	2003-03-07	22.320000	23.040001	22.260000	22.969999
22.969999					
## 1462	2003-03-10	22.600000	22.959999	22.549999	22.879999
22.879999					
## 1463	2003-03-11	22.750000	22.920000	22.510000	22.780001
22.780001					
## 1464	2003-03-12	22.510000	23.379999	22.490000	23.360001
23.360001					
## 1465	2003-03-13	23.680000	24.590000	23.129999	24.420000
24.420000					
## 1466	2003-03-14	24.540001	24.900000	24.200001	24.709999
24.709999					
## 1467	2003-03-17	24.469999	26.840000	24.400000	26.549999
26.549999					

## 1468 2003-03-18	26.459999	26.840000	26.100000	26.780001
26.780001				
## 1469 2003-03-19	26.330000	26.690001	26.160000	26.540001
26.540001				
## 1470 2003-03-20	26.340000	27.629999	26.129999	27.450001
27.450001				
## 1471 2003-03-21	27.709999	27.950001	27.040001	27.930000
27.930000				
## 1472 2003-03-24	27.080000	27.260000	26.200001	26.230000
26.230000				
## 1473 2003-03-25	26.250000	27.090000	26.209999	26.900000
26.900000				
## 1474 2003-03-26	26.879999	27.870001	26.709999	27.760000
27.760000				
## 1475 2003-03-27	27.590000	28.040001	27.450001	27.770000
27.770000				
## 1476 2003-03-28	27.590000	27.950001	27.100000	27.180000
27.180000				
## 1477 2003-03-31	26.570000	26.740000	25.959999	26.030001
26.030001				
## 1478 2003-04-01	25.549999	25.590000	25.059999	25.540001
25.540001				
## 1479 2003-04-02	25.980000	26.480000	25.840000	26.379999
26.379999				
## 1480 2003-04-03	26.510000	27.090000	26.020000	26.650000
26.650000				
## 1481 2003-04-04	26.709999	26.830000	25.950001	26.219999
26.219999				
## 1482 2003-04-07	27.209999	27.559999	26.750000	26.820000
26.820000				
## 1483 2003-04-08	26.790001	26.799999	26.450001	26.520000
26.520000				
## 1484 2003-04-09	26.350000	26.370001	24.840000	25.059999
25.059999				
## 1485 2003-04-10	25.430000	25.940001	24.780001	25.670000
25.670000				
## 1486 2003-04-11	25.850000	26.240000	25.420000	25.750000
25.750000				
## 1487 2003-04-14	24.799999	25.150000	24.500000	25.049999
25.049999				
## 1488 2003-04-15	24.889999	25.430000	24.820000	25.129999
25.129999				
## 1489 2003-04-16	25.299999	25.500000	24.129999	24.379999
24.379999				
## 1490 2003-04-17	24.469999	25.010000	24.350000	24.990000
24.990000				
## 1491 2003-04-21	25.030001	26.170000	24.900000	25.250000
25.250000				
## 1492 2003-04-22	25.090000	25.690001	24.820000	25.580000
25.580000				

## 1493	2003-04-23	26.400000	26.549999	25.360001	25.430000
25.430000					
## 1494	2003-04-24	25.400000	26.719999	24.770000	25.120001
25.120001					
## 1495	2003-04-25	28.000000	29.000000	27.820000	28.969999
28.969999					
## 1496	2003-04-28	28.639999	29.190001	28.600000	29.110001
29.110001					
## 1497	2003-04-29	28.910000	29.040001	28.610001	28.889999
28.889999					
## 1498	2003-04-30	28.600000	29.000000	28.379999	28.690001
28.690001					
## 1499	2003-05-01	28.680000	28.700001	28.150000	28.660000
28.660000					
## 1500	2003-05-02	28.629999	29.450001	28.549999	29.430000
29.430000					
## 1501	2003-05-05	29.469999	30.049999	29.010000	29.959999
29.959999					
## 1502	2003-05-06	29.870001	31.180000	29.799999	30.879999
30.879999					
## 1503	2003-05-07	30.660000	30.860001	30.030001	30.700001
30.700001					
## 1504	2003-05-08	30.360001	30.760000	30.219999	30.450001
30.450001					
## 1505	2003-05-09	30.459999	30.990000	30.200001	30.959999
30.959999					
## 1506	2003-05-12	30.830000	31.799999	30.670000	31.700001
31.700001					
## 1507	2003-05-13	31.549999	33.490002	31.440001	32.950001
32.950001					
## 1508	2003-05-14	33.139999	33.189999	32.439999	32.599998
32.599998					
## 1509	2003-05-15	32.639999	32.750000	32.200001	32.630001
32.630001					
## 1510	2003-05-16	32.509998	33.160000	32.380001	33.049999
33.049999					
## 1511	2003-05-19	32.700001	32.970001	31.400000	31.559999
31.559999					
## 1512	2003-05-20	31.559999	32.130001	31.170000	31.480000
31.480000					
## 1513	2003-05-21	31.340000	31.840000	31.160000	31.750000
31.750000					
## 1514	2003-05-22	31.750000	33.290001	31.290001	33.000000
33.000000					
## 1515	2003-05-23	33.029999	33.049999	32.470001	32.720001
32.720001					
## 1516	2003-05-27	32.549999	35.029999	32.450001	34.849998
34.849998					
## 1517	2003-05-28	34.880001	35.730000	34.650002	34.860001
34.860001					

## 1518	2003-05-29	34.889999	35.970001	34.700001	35.549999
35.549999					
## 1519	2003-05-30	35.610001	36.090000	35.000000	35.889999
35.889999					
## 1520	2003-06-02	36.500000	36.680000	35.349998	35.400002
35.400002					
## 1521	2003-06-03	34.709999	35.310001	34.680000	35.230000
35.230000					
## 1522	2003-06-04	35.000000	35.599998	34.700001	35.389999
35.389999					
## 1523	2003-06-05	35.160000	35.840000	34.610001	35.520000
35.520000					
## 1524	2003-06-06	36.040001	36.259998	33.250000	33.349998
33.349998					
## 1525	2003-06-09	34.470001	34.470001	33.080002	33.680000
33.680000					
## 1526	2003-06-10	34.020000	34.380001	32.830002	34.070000
34.070000					
## 1527	2003-06-11	33.970001	34.810001	33.599998	34.650002
34.650002					
## 1528	2003-06-12	35.299999	35.400002	34.709999	35.200001
35.200001					
## 1529	2003-06-13	35.400002	35.450001	34.049999	34.130001
34.130001					
## 1530	2003-06-16	34.570000	35.849998	34.080002	35.840000
35.840000					
## 1531	2003-06-17	35.930000	36.369999	35.250000	35.840000
35.840000					
## 1532	2003-06-18	35.500000	37.240002	35.349998	35.849998
35.849998					
## 1533	2003-06-19	35.799999	36.750000	35.380001	35.500000
35.500000					
## 1534	2003-06-20	35.799999	35.880001	34.840000	35.040001
35.040001					
## 1535	2003-06-23	35.480000	35.860001	35.029999	35.580002
35.580002					
## 1536	2003-06-24	35.369999	35.820000	34.540001	35.400002
35.400002					
## 1537	2003-06-25	35.299999	36.130001	35.150002	35.389999
35.389999					
## 1538	2003-06-26	35.209999	36.840000	35.060001	36.720001
36.720001					
## 1539	2003-06-27	36.689999	37.090000	36.180000	36.299999
36.299999					
## 1540	2003-06-30	36.630001	36.820000	36.020000	36.320000
36.320000					
## 1541	2003-07-01	36.330002	37.290001	35.700001	37.250000
37.250000					
## 1542	2003-07-02	37.599998	37.889999	37.139999	37.849998
37.849998					

## 1543 2003-07-03	37.020000	38.160000	37.020000	37.919998
37.919998				
## 1544 2003-07-07	38.299999	39.099998	37.950001	39.049999
39.049999				
## 1545 2003-07-08	38.759998	40.830002	38.750000	40.509998
40.509998				
## 1546 2003-07-09	40.540001	40.730000	39.869999	40.500000
40.500000				
## 1547 2003-07-10	39.119999	39.500000	38.200001	38.250000
38.250000				
## 1548 2003-07-11	38.299999	38.299999	37.099998	37.650002
37.650002				
## 1549 2003-07-14	38.500000	39.610001	38.240002	39.270000
39.270000				
## 1550 2003-07-15	39.610001	39.610001	37.619999	38.430000
38.430000				
## 1551 2003-07-16	38.520000	38.520000	37.320000	37.680000
37.680000				
## 1552 2003-07-17	37.150002	37.299999	36.040001	36.320000
36.320000				
## 1553 2003-07-18	36.320000	36.849998	34.790001	34.980000
34.980000				
## 1554 2003-07-21	34.709999	36.000000	34.599998	35.330002
35.330002				
## 1555 2003-07-22	35.700001	36.000000	34.000000	34.869999
34.869999				
## 1556 2003-07-23	37.750000	40.250000	37.349998	40.110001
40.110001				
## 1557 2003-07-24	41.049999	43.099998	40.580002	41.310001
41.310001				
## 1558 2003-07-25	40.740002	41.650002	39.750000	41.599998
41.599998				
## 1559 2003-07-28	41.490002	42.180000	40.869999	42.080002
42.080002				
## 1560 2003-07-29	41.990002	42.500000	41.060001	41.389999
41.389999				
## 1561 2003-07-30	41.150002	41.270000	40.450001	40.660000
40.660000				
## 1562 2003-07-31	41.349998	41.970001	40.669998	41.639999
41.639999				
## 1563 2003-08-01	41.410000	41.630001	39.779999	40.029999
40.029999				
## 1564 2003-08-04	39.700001	40.290001	38.950001	39.650002
39.650002				
## 1565 2003-08-05	39.240002	39.849998	38.630001	38.669998
38.669998				
## 1566 2003-08-06	38.619999	39.950001	38.279999	38.939999
38.939999				
## 1567 2003-08-07	39.000000	39.340000	38.590000	39.009998
39.009998				

## 1568 2003-08-08	39.130001	39.400002	38.630001	39.150002
39.150002				
## 1569 2003-08-11	38.990002	39.040001	38.349998	38.930000
38.930000				
## 1570 2003-08-12	38.950001	39.959999	38.310001	39.849998
39.849998				
## 1571 2003-08-13	40.250000	40.470001	39.709999	40.209999
40.209999				
## 1572 2003-08-14	39.919998	40.369999	39.650002	40.299999
40.299999				
## 1573 2003-08-15	40.230000	40.380001	39.970001	40.099998
40.099998				
## 1574 2003-08-18	40.480000	43.240002	40.380001	43.020000
43.020000				
## 1575 2003-08-19	43.450001	44.189999	42.919998	43.570000
43.570000				
## 1576 2003-08-20	43.060001	43.939999	43.009998	43.759998
43.759998				
## 1577 2003-08-21	44.220001	45.910000	43.869999	45.700001
45.700001				
## 1578 2003-08-22	46.360001	46.950001	44.810001	45.220001
45.220001				
## 1579 2003-08-25	44.849998	46.160000	44.529999	45.849998
45.849998				
## 1580 2003-08-26	45.650002	46.139999	45.110001	45.930000
45.930000				
## 1581 2003-08-27	45.770000	46.070000	45.259998	45.880001
45.880001				
## 1582 2003-08-28	45.939999	46.000000	44.810001	45.939999
45.939999				
## 1583 2003-08-29	45.820000	46.439999	45.720001	46.320000
46.320000				
## 1584 2003-09-02	46.520000	47.450001	46.009998	47.330002
47.330002				
## 1585 2003-09-03	47.580002	47.750000	45.860001	46.189999
46.189999				
## 1586 2003-09-04	46.200001	47.389999	46.040001	47.290001
47.290001				
## 1587 2003-09-05	46.950001	47.480000	46.099998	46.520000
46.520000				
## 1588 2003-09-08	46.500000	47.349998	46.060001	47.279999
47.279999				
## 1589 2003-09-09	47.099998	47.380001	46.299999	46.680000
46.680000				
## 1590 2003-09-10	46.259998	47.230000	46.060001	46.220001
46.220001				
## 1591 2003-09-11	46.200001	46.349998	44.770000	45.189999
45.189999				
## 1592 2003-09-12	44.849998	45.779999	44.730000	45.680000
45.680000				

## 1593	2003-09-15	45.360001	45.770000	45.230000	45.509998
45.509998					
## 1594	2003-09-16	45.400002	46.250000	45.049999	46.240002
46.240002					
## 1595	2003-09-17	46.209999	46.860001	45.540001	46.160000
46.160000					
## 1596	2003-09-18	46.160000	48.240002	45.939999	47.889999
47.889999					
## 1597	2003-09-19	47.869999	47.970001	47.349998	47.580002
47.580002					
## 1598	2003-09-22	46.560001	47.529999	46.200001	47.470001
47.470001					
## 1599	2003-09-23	47.410000	50.919998	47.349998	50.439999
50.439999					
## 1600	2003-09-24	50.349998	51.299999	49.599998	49.610001
49.610001					
## 1601	2003-09-25	49.660000	50.950001	49.279999	50.049999
50.049999					
## 1602	2003-09-26	49.900002	50.459999	48.299999	48.560001
48.560001					
## 1603	2003-09-29	48.880001	49.970001	48.400002	49.860001
49.860001					
## 1604	2003-09-30	49.650002	49.759998	48.349998	48.430000
48.430000					
## 1605	2003-10-01	48.369999	49.279999	47.509998	49.119999
49.119999					
## 1606	2003-10-02	48.939999	50.200001	48.680000	50.090000
50.090000					
## 1607	2003-10-03	51.130001	53.220001	51.029999	52.889999
52.889999					
## 1608	2003-10-06	52.889999	54.240002	52.590000	54.150002
54.150002					
## 1609	2003-10-07	54.000000	56.250000	53.950001	54.910000
54.910000					
## 1610	2003-10-08	55.439999	56.279999	55.119999	55.700001
55.700001					
## 1611	2003-10-09	57.410000	59.099998	57.400002	57.860001
57.860001					
## 1612	2003-10-10	57.700001	58.330002	57.439999	58.060001
58.060001					
## 1613	2003-10-13	57.939999	58.689999	57.439999	58.299999
58.299999					
## 1614	2003-10-14	58.099998	59.980000	57.799999	59.910000
59.910000					
## 1615	2003-10-15	60.389999	60.410000	58.430000	58.549999
58.549999					
## 1616	2003-10-16	58.160000	59.910000	58.090000	59.910000
59.910000					
## 1617	2003-10-17	59.299999	59.900002	58.650002	59.689999
59.689999					

## 1618	2003-10-20	59.560001	60.240002	58.919998	59.590000
59.590000					
## 1619	2003-10-21	59.730000	61.150002	59.009998	59.349998
59.349998					
## 1620	2003-10-22	56.049999	56.150002	53.730000	54.029999
54.029999					
## 1621	2003-10-23	52.980000	54.520000	52.910000	54.320000
54.320000					
## 1622	2003-10-24	54.549999	54.939999	53.000000	54.509998
54.509998					
## 1623	2003-10-27	54.900002	55.250000	54.500000	54.820000
54.820000					
## 1624	2003-10-28	55.189999	56.900002	54.549999	56.730000
56.730000					
## 1625	2003-10-29	56.650002	57.150002	56.000000	56.689999
56.689999					
## 1626	2003-10-30	57.400002	57.520000	55.570000	55.830002
55.830002					
## 1627	2003-10-31	55.900002	56.130001	54.380001	54.430000
54.430000					
## 1628	2003-11-03	54.799999	56.799999	54.310001	56.740002
56.740002					
## 1629	2003-11-04	56.700001	57.490002	56.060001	56.860001
56.860001					
## 1630	2003-11-05	56.130001	56.990002	56.080002	56.740002
56.740002					
## 1631	2003-11-06	56.810001	56.869999	54.750000	54.990002
54.990002					
## 1632	2003-11-07	55.610001	55.700001	54.000000	54.310001
54.310001					
## 1633	2003-11-10	53.950001	54.000000	51.740002	51.980000
51.980000					
## 1634	2003-11-11	51.840000	52.750000	50.759998	52.230000
52.230000					
## 1635	2003-11-12	52.570000	54.290001	52.110001	54.130001
54.130001					
## 1636	2003-11-13	54.040001	55.130001	53.570000	54.799999
54.799999					
## 1637	2003-11-14	54.430000	54.779999	52.209999	52.450001
52.450001					
## 1638	2003-11-17	51.919998	52.189999	49.580002	50.360001
50.360001					
## 1639	2003-11-18	50.730000	50.980000	48.450001	48.500000
48.500000					
## 1640	2003-11-19	48.709999	49.849998	47.669998	49.529999
49.529999					
## 1641	2003-11-20	49.099998	50.459999	48.340000	48.849998
48.849998					
## 1642	2003-11-21	49.000000	49.200001	47.759998	48.580002
48.580002					

## 1643 2003-11-24	49.279999	51.450001	48.650002	51.330002
51.330002				
## 1644 2003-11-25	51.349998	53.299999	51.250000	52.470001
52.470001				
## 1645 2003-11-26	52.830002	53.540001	51.869999	52.959999
52.959999				
## 1646 2003-11-28	52.840000	54.060001	52.830002	53.970001
53.970001				
## 1647 2003-12-01	54.400002	54.750000	53.049999	54.650002
54.650002				
## 1648 2003-12-02	54.500000	54.750000	53.849998	53.930000
53.930000				
## 1649 2003-12-03	54.099998	54.250000	51.360001	51.509998
51.509998				
## 1650 2003-12-04	51.450001	52.430000	50.750000	51.799999
51.799999				
## 1651 2003-12-05	51.200001	52.700001	51.200001	51.560001
51.560001				
## 1652 2003-12-08	51.549999	52.200001	50.119999	51.080002
51.080002				
## 1653 2003-12-09	51.169998	51.650002	49.299999	49.340000
49.340000				
## 1654 2003-12-10	49.450001	50.169998	48.310001	49.200001
49.200001				
## 1655 2003-12-11	49.259998	51.150002	49.189999	50.799999
50.799999				
## 1656 2003-12-12	50.990002	51.310001	49.919998	50.990002
50.990002				
## 1657 2003-12-15	52.049999	52.250000	50.049999	50.410000
50.410000				
## 1658 2003-12-16	49.599998	49.799999	48.630001	49.500000
49.500000				
## 1659 2003-12-17	49.470001	49.610001	47.000000	47.580002
47.580002				
## 1660 2003-12-18	47.610001	48.889999	47.450001	48.750000
48.750000				
## 1661 2003-12-19	48.799999	49.410000	48.259998	49.240002
49.240002				
## 1662 2003-12-22	48.980000	50.099998	48.700001	49.889999
49.889999				
## 1663 2003-12-23	50.020000	52.619999	49.770000	52.480000
52.480000				
## 1664 2003-12-24	52.299999	53.880001	52.150002	53.320000
53.320000				
## 1665 2003-12-26	54.139999	54.939999	53.139999	53.470001
53.470001				
## 1666 2003-12-29	53.790001	53.840000	52.130001	53.470001
53.470001				
## 1667 2003-12-30	53.180000	53.500000	52.599998	52.830002
52.830002				

## 1668 2003-12-31	52.820000	53.480000	52.400002	52.619999
52.619999				
## 1669 2004-01-02	52.759998	53.130001	51.430000	51.900002
51.900002				
## 1670 2004-01-05	52.000000	53.599998	51.369999	53.270000
53.270000				
## 1671 2004-01-06	53.110001	53.500000	52.740002	53.029999
53.029999				
## 1672 2004-01-07	52.180000	52.660000	50.939999	51.900002
51.900002				
## 1673 2004-01-08	52.090000	52.099998	50.029999	50.240002
50.240002				
## 1674 2004-01-09	49.770000	52.150002	49.099998	51.590000
51.590000				
## 1675 2004-01-12	51.610001	53.029999	50.799999	52.950001
52.950001				
## 1676 2004-01-13	52.669998	54.990002	52.410000	54.910000
54.910000				
## 1677 2004-01-14	54.619999	55.990002	54.150002	55.799999
55.799999				
## 1678 2004-01-15	54.730000	56.779999	54.619999	56.180000
56.180000				
## 1679 2004-01-16	56.270000	56.369999	55.270000	55.720001
55.720001				
## 1680 2004-01-20	55.570000	56.840000	55.410000	56.610001
56.610001				
## 1681 2004-01-21	56.160000	56.939999	55.639999	56.200001
56.200001				
## 1682 2004-01-22	56.810001	57.820000	56.240002	57.180000
57.180000				
## 1683 2004-01-23	57.099998	57.610001	56.619999	57.110001
57.110001				
## 1684 2004-01-26	56.799999	57.200001	56.299999	57.029999
57.029999				
## 1685 2004-01-27	56.730000	57.740002	55.660000	55.740002
55.740002				
## 1686 2004-01-28	53.639999	54.450001	51.619999	51.959999
51.959999				
## 1687 2004-01-29	52.040001	52.060001	48.599998	49.220001
49.220001				
## 1688 2004-01-30	49.490002	51.369999	49.299999	50.400002
50.400002				
## 1689 2004-02-02	50.650002	50.650002	47.950001	48.270000
48.270000				
## 1690 2004-02-03	48.189999	48.279999	44.520000	44.939999
44.939999				
## 1691 2004-02-04	44.810001	45.910000	44.299999	45.389999
45.389999				
## 1692 2004-02-05	46.029999	47.090000	45.900002	46.040001
46.040001				

## 1693 2004-02-06	46.110001	46.730000	45.509998	46.349998
46.349998				
## 1694 2004-02-09	46.750000	46.799999	45.700001	45.860001
45.860001				
## 1695 2004-02-10	45.849998	46.250000	45.509998	45.590000
45.590000				
## 1696 2004-02-11	45.860001	47.360001	45.540001	47.139999
47.139999				
## 1697 2004-02-12	46.930000	48.099998	46.709999	47.060001
47.060001				
## 1698 2004-02-13	47.290001	47.700001	46.240002	46.380001
46.380001				
## 1699 2004-02-17	46.139999	46.450001	44.799999	45.529999
45.529999				
## 1700 2004-02-18	45.360001	45.369999	44.639999	44.869999
44.869999				
## 1701 2004-02-19	45.150002	46.160000	44.650002	44.650002
44.650002				
## 1702 2004-02-20	44.799999	45.380001	44.730000	45.169998
45.169998				
## 1703 2004-02-23	45.180000	45.250000	43.349998	43.970001
43.970001				
## 1704 2004-02-24	43.919998	43.939999	42.230000	42.320000
42.320000				
## 1705 2004-02-25	42.500000	43.290001	42.500000	42.939999
42.939999				
## 1706 2004-02-26	43.200001	43.849998	43.000000	43.650002
43.650002				
## 1707 2004-02-27	43.570000	43.599998	42.520000	43.009998
43.009998				
## 1708 2004-03-01	43.020000	43.480000	42.580002	42.970001
42.970001				
## 1709 2004-03-02	42.730000	43.490002	41.860001	42.009998
42.009998				
## 1710 2004-03-03	41.860001	43.380001	41.650002	43.169998
43.169998				
## 1711 2004-03-04	43.119999	44.470001	43.099998	44.389999
44.389999				
## 1712 2004-03-05	43.790001	44.830002	43.529999	44.090000
44.090000				
## 1713 2004-03-08	43.959999	45.060001	43.130001	43.500000
43.500000				
## 1714 2004-03-09	43.419998	43.889999	42.270000	42.709999
42.709999				
## 1715 2004-03-10	42.720001	43.200001	41.459999	41.549999
41.549999				
## 1716 2004-03-11	41.090000	42.369999	41.040001	41.279999
41.279999				
## 1717 2004-03-12	41.349998	42.610001	41.299999	42.439999
42.439999				

## 1718 2004-03-15	42.259998	42.799999	40.919998	41.080002
41.080002				
## 1719 2004-03-16	41.290001	42.360001	41.259998	42.130001
42.130001				
## 1720 2004-03-17	43.040001	43.450001	42.590000	42.799999
42.799999				
## 1721 2004-03-18	42.529999	43.200001	42.209999	43.009998
43.009998				
## 1722 2004-03-19	43.029999	43.750000	42.630001	42.799999
42.799999				
## 1723 2004-03-22	41.750000	41.849998	40.509998	40.849998
40.849998				
## 1724 2004-03-23	41.320000	41.740002	39.849998	40.230000
40.230000				
## 1725 2004-03-24	40.310001	40.380001	39.150002	39.630001
39.630001				
## 1726 2004-03-25	40.000000	42.200001	40.000000	41.990002
41.990002				
## 1727 2004-03-26	42.009998	42.490002	41.290001	41.700001
41.700001				
## 1728 2004-03-29	41.970001	42.799999	41.970001	42.759998
42.759998				
## 1729 2004-03-30	42.709999	43.930000	42.560001	43.799999
43.799999				
## 1730 2004-03-31	43.849998	44.000000	42.950001	43.279999
43.279999				
## 1731 2004-04-01	43.450001	44.840000	43.299999	44.740002
44.740002				
## 1732 2004-04-02	46.000000	46.250000	45.250000	46.090000
46.090000				
## 1733 2004-04-05	45.669998	47.090000	45.590000	46.959999
46.959999				
## 1734 2004-04-06	46.310001	46.970001	45.750000	46.439999
46.439999				
## 1735 2004-04-07	46.200001	46.799999	45.389999	45.849998
45.849998				
## 1736 2004-04-08	47.840000	48.150002	47.000000	48.099998
48.099998				
## 1737 2004-04-12	48.160000	48.369999	47.570000	47.959999
47.959999				
## 1738 2004-04-13	47.990002	48.340000	46.360001	46.580002
46.580002				
## 1739 2004-04-14	46.080002	47.660000	45.980000	46.790001
46.790001				
## 1740 2004-04-15	46.980000	47.599998	46.000000	46.990002
46.990002				
## 1741 2004-04-16	47.049999	47.099998	45.330002	45.500000
45.500000				
## 1742 2004-04-19	45.349998	47.270000	45.119999	47.110001
47.110001				

## 1743 2004-04-20	47.660000	47.810001	45.180000	45.200001
45.200001				
## 1744 2004-04-21	45.200001	46.490002	44.910000	45.720001
45.720001				
## 1745 2004-04-22	45.950001	49.099998	45.889999	48.860001
48.860001				
## 1746 2004-04-23	46.000000	46.889999	45.509998	46.290001
46.290001				
## 1747 2004-04-26	46.330002	47.759998	46.150002	47.250000
47.250000				
## 1748 2004-04-27	47.590000	48.799999	46.790001	48.000000
48.000000				
## 1749 2004-04-28	47.619999	48.349998	46.639999	46.970001
46.970001				
## 1750 2004-04-29	46.900002	47.080002	45.509998	46.189999
46.189999				
## 1751 2004-04-30	46.060001	46.349998	43.310001	43.599998
43.599998				
## 1752 2004-05-03	43.480000	45.150002	43.410000	44.410000
44.410000				
## 1753 2004-05-04	44.410000	44.570000	43.700001	43.950001
43.950001				
## 1754 2004-05-05	43.980000	45.049999	43.950001	44.259998
44.259998				
## 1755 2004-05-06	43.590000	44.250000	42.770000	43.139999
43.139999				
## 1756 2004-05-07	42.959999	44.180000	41.680000	41.900002
41.900002				
## 1757 2004-05-10	41.230000	42.150002	40.570000	41.259998
41.259998				
## 1758 2004-05-11	41.919998	43.040001	41.900002	42.700001
42.700001				
## 1759 2004-05-12	42.340000	43.150002	41.250000	43.020000
43.020000				
## 1760 2004-05-13	42.459999	44.130001	42.250000	43.610001
43.610001				
## 1761 2004-05-14	43.700001	43.919998	42.759998	43.049999
43.049999				
## 1762 2004-05-17	42.240002	42.590000	41.700001	42.080002
42.080002				
## 1763 2004-05-18	42.200001	42.400002	41.830002	41.990002
41.990002				
## 1764 2004-05-19	42.380001	43.270000	41.470001	41.689999
41.689999				
## 1765 2004-05-20	41.650002	41.970001	40.799999	40.980000
40.980000				
## 1766 2004-05-21	41.270000	41.480000	40.549999	41.169998
41.169998				
## 1767 2004-05-24	41.290001	42.299999	41.169998	41.630001
41.630001				

## 1768	2004-05-25	41.750000	43.860001	41.389999	43.619999
43.619999					
## 1769	2004-05-26	43.860001	45.000000	43.669998	44.689999
44.689999					
## 1770	2004-05-27	45.270000	47.830002	44.849998	47.619999
47.619999					
## 1771	2004-05-28	47.270000	48.680000	46.880001	48.500000
48.500000					
## 1772	2004-06-01	47.869999	50.450001	47.700001	50.230000
50.230000					
## 1773	2004-06-02	50.490002	51.209999	49.770000	50.349998
50.349998					
## 1774	2004-06-03	49.849998	50.349998	49.320000	49.400002
49.400002					
## 1775	2004-06-04	50.049999	51.509998	50.000000	50.950001
50.950001					
## 1776	2004-06-07	51.689999	51.990002	50.650002	51.759998
51.759998					
## 1777	2004-06-08	51.299999	52.119999	51.099998	51.939999
51.939999					
## 1778	2004-06-09	51.619999	51.830002	50.009998	50.240002
50.240002					
## 1779	2004-06-10	50.400002	50.470001	49.259998	49.939999
49.939999					
## 1780	2004-06-14	49.340000	49.990002	49.040001	49.250000
49.250000					
## 1781	2004-06-15	49.709999	50.599998	49.490002	50.110001
50.110001					
## 1782	2004-06-16	50.090000	50.750000	49.910000	50.570000
50.570000					
## 1783	2004-06-17	50.509998	50.910000	49.410000	49.770000
49.770000					
## 1784	2004-06-18	49.439999	50.279999	49.400002	49.599998
49.599998					
## 1785	2004-06-21	49.450001	50.299999	49.250000	49.770000
49.770000					
## 1786	2004-06-22	49.669998	49.790001	48.240002	49.000000
49.000000					
## 1787	2004-06-23	48.770000	51.000000	48.349998	50.810001
50.810001					
## 1788	2004-06-24	51.000000	51.939999	50.689999	51.020000
51.020000					
## 1789	2004-06-25	51.049999	51.930000	50.869999	51.799999
51.799999					
## 1790	2004-06-28	52.380001	54.040001	52.200001	53.389999
53.389999					
## 1791	2004-06-29	53.220001	53.939999	52.650002	53.709999
53.709999					
## 1792	2004-06-30	53.610001	54.700001	53.419998	54.400002
54.400002					

## 1793 2004-07-01	53.799999	54.040001	52.049999	52.560001
52.560001				
## 1794 2004-07-02	52.619999	53.240002	51.830002	52.590000
52.590000				
## 1795 2004-07-06	52.549999	52.599998	50.490002	51.240002
51.240002				
## 1796 2004-07-07	50.790001	52.029999	50.240002	51.000000
51.000000				
## 1797 2004-07-08	48.509998	49.970001	48.470001	49.500000
49.500000				
## 1798 2004-07-09	49.869999	50.000000	47.820000	48.320000
48.320000				
## 1799 2004-07-12	48.220001	49.349998	48.029999	49.049999
49.049999				
## 1800 2004-07-13	49.110001	49.980000	48.869999	49.599998
49.599998				
## 1801 2004-07-14	48.950001	50.400002	48.889999	49.500000
49.500000				
## 1802 2004-07-15	49.509998	49.669998	48.119999	48.669998
48.669998				
## 1803 2004-07-16	48.990002	49.060001	46.779999	47.099998
47.099998				
## 1804 2004-07-19	47.259998	47.259998	45.150002	46.020000
46.020000				
## 1805 2004-07-20	46.139999	47.849998	46.119999	46.990002
46.990002				
## 1806 2004-07-21	47.320000	47.599998	44.520000	44.759998
44.759998				
## 1807 2004-07-22	43.709999	46.070000	43.639999	45.820000
45.820000				
## 1808 2004-07-23	42.470001	42.759998	39.560001	39.980000
39.980000				
## 1809 2004-07-26	40.230000	40.240002	38.330002	38.779999
38.779999				
## 1810 2004-07-27	39.200001	39.910000	38.799999	39.110001
39.110001				
## 1811 2004-07-28	39.290001	39.570000	37.380001	37.970001
37.970001				
## 1812 2004-07-29	38.310001	38.959999	38.020000	38.580002
38.580002				
## 1813 2004-07-30	38.500000	39.419998	38.230000	38.919998
38.919998				
## 1814 2004-08-02	38.450001	38.759998	37.810001	38.299999
38.299999				
## 1815 2004-08-03	38.320000	39.080002	37.230000	37.610001
37.610001				
## 1816 2004-08-04	36.820000	37.459999	36.400002	37.119999
37.119999				
## 1817 2004-08-05	37.410000	37.480000	35.380001	35.610001
35.610001				

## 1818	2004-08-06	35.250000	36.669998	34.849998	35.490002
35.490002					
## 1819	2004-08-09	35.340000	36.299999	34.849998	35.320000
35.320000					
## 1820	2004-08-10	35.689999	37.200001	35.549999	37.099998
37.099998					
## 1821	2004-08-11	36.400002	36.900002	35.599998	36.560001
36.560001					
## 1822	2004-08-12	36.250000	37.349998	36.169998	36.290001
36.290001					
## 1823	2004-08-13	36.560001	37.000000	35.869999	36.130001
36.130001					
## 1824	2004-08-16	36.139999	38.400002	35.980000	37.950001
37.950001					
## 1825	2004-08-17	38.570000	39.439999	37.900002	38.230000
38.230000					
## 1826	2004-08-18	37.919998	39.540001	37.419998	39.360001
39.360001					
## 1827	2004-08-19	40.259998	40.480000	36.349998	38.630001
38.630001					
## 1828	2004-08-20	38.459999	39.910000	38.110001	39.509998
39.509998					
## 1829	2004-08-23	39.889999	40.000000	39.110001	39.450001
39.450001					
## 1830	2004-08-24	39.720001	39.930000	38.320000	39.049999
39.049999					
## 1831	2004-08-25	39.060001	40.490002	38.160000	40.299999
40.299999					
## 1832	2004-08-26	40.180000	40.830002	39.700001	40.189999
40.189999					
## 1833	2004-08-27	40.320000	40.389999	39.599998	39.900002
39.900002					
## 1834	2004-08-30	39.880001	39.950001	38.250000	38.310001
38.310001					
## 1835	2004-08-31	38.380001	38.849998	37.860001	38.139999
38.139999					
## 1836	2004-09-01	38.230000	39.009998	38.020000	38.240002
38.240002					
## 1837	2004-09-02	38.040001	39.639999	37.910000	39.180000
39.180000					
## 1838	2004-09-03	39.009998	40.009998	38.639999	38.740002
38.740002					
## 1839	2004-09-07	39.150002	39.360001	38.110001	38.509998
38.509998					
## 1840	2004-09-08	38.490002	38.810001	37.709999	38.009998
38.009998					
## 1841	2004-09-09	38.240002	38.310001	37.360001	38.070000
38.070000					
## 1842	2004-09-10	38.130001	38.799999	37.900002	38.570000
38.570000					

## 1843 2004-09-13	39.130001	40.040001	38.820000	40.009998
40.009998				
## 1844 2004-09-14	40.200001	42.750000	39.900002	42.669998
42.669998				
## 1845 2004-09-15	42.049999	43.180000	41.869999	42.209999
42.209999				
## 1846 2004-09-16	42.389999	44.279999	42.349998	42.570000
42.570000				
## 1847 2004-09-17	42.849998	43.259998	42.389999	42.959999
42.959999				
## 1848 2004-09-20	42.709999	43.990002	42.610001	43.270000
43.270000				
## 1849 2004-09-21	43.570000	43.770000	42.770000	43.290001
43.290001				
## 1850 2004-09-22	43.150002	43.240002	41.169998	41.380001
41.380001				
## 1851 2004-09-23	41.330002	42.200001	41.110001	41.830002
41.830002				
## 1852 2004-09-24	41.810001	41.910000	40.849998	40.939999
40.939999				
## 1853 2004-09-27	40.910000	41.009998	39.750000	39.930000
39.930000				
## 1854 2004-09-28	40.150002	40.330002	38.970001	39.430000
39.430000				
## 1855 2004-09-29	39.450001	40.919998	39.360001	40.840000
40.840000				
## 1856 2004-09-30	40.549999	41.279999	40.209999	40.860001
40.860001				
## 1857 2004-10-01	41.290001	41.299999	40.389999	40.470001
40.470001				
## 1858 2004-10-04	41.360001	41.680000	40.740002	41.009998
41.009998				
## 1859 2004-10-05	40.840000	41.250000	40.570000	40.959999
40.959999				
## 1860 2004-10-06	40.730000	41.410000	40.400002	41.360001
41.360001				
## 1861 2004-10-07	41.419998	42.700001	40.849998	41.150002
41.150002				
## 1862 2004-10-08	40.939999	41.189999	39.630001	40.000000
40.000000				
## 1863 2004-10-11	39.830002	40.750000	39.410000	40.150002
40.150002				
## 1864 2004-10-12	39.549999	40.580002	39.470001	40.220001
40.220001				
## 1865 2004-10-13	41.419998	41.549999	39.750000	39.980000
39.980000				
## 1866 2004-10-14	39.450001	39.549999	38.730000	39.099998
39.099998				
## 1867 2004-10-15	39.290001	39.669998	37.880001	38.549999
38.549999				

## 1868 2004-10-18	38.230000	39.470001	37.889999	39.270000
39.270000				
## 1869 2004-10-19	39.740002	39.849998	38.169998	38.330002
38.330002				
## 1870 2004-10-20	38.110001	38.590000	37.790001	38.349998
38.349998				
## 1871 2004-10-21	39.299999	40.189999	38.500000	39.470001
39.470001				
## 1872 2004-10-22	36.220001	36.799999	33.000000	34.599998
34.599998				
## 1873 2004-10-25	34.000000	34.410000	33.720001	33.970001
33.970001				
## 1874 2004-10-26	34.150002	34.259998	33.509998	33.830002
33.830002				
## 1875 2004-10-27	33.630001	34.630001	33.619999	34.230000
34.230000				
## 1876 2004-10-28	34.240002	34.770000	34.139999	34.450001
34.450001				
## 1877 2004-10-29	34.360001	34.450001	34.000000	34.130001
34.130001				
## 1878 2004-11-01	34.220001	35.150002	34.150002	35.099998
35.099998				
## 1879 2004-11-02	35.490002	36.490002	35.139999	36.240002
36.240002				
## 1880 2004-11-03	37.180000	37.619999	35.560001	35.919998
35.919998				
## 1881 2004-11-04	35.700001	37.290001	35.520000	36.910000
36.910000				
## 1882 2004-11-05	37.299999	37.389999	36.020000	36.560001
36.560001				
## 1883 2004-11-08	36.750000	37.580002	36.720001	37.320000
37.320000				
## 1884 2004-11-09	37.180000	37.810001	36.700001	37.400002
37.400002				
## 1885 2004-11-10	38.000000	38.840000	37.830002	38.090000
38.090000				
## 1886 2004-11-11	38.090000	39.000000	37.639999	38.830002
38.830002				
## 1887 2004-11-12	39.049999	40.939999	39.000000	40.459999
40.459999				
## 1888 2004-11-15	40.459999	41.500000	40.180000	40.889999
40.889999				
## 1889 2004-11-16	40.500000	40.660000	39.750000	40.070000
40.070000				
## 1890 2004-11-17	40.400002	40.590000	39.540001	39.900002
39.900002				
## 1891 2004-11-18	39.730000	40.959999	39.590000	40.369999
40.369999				
## 1892 2004-11-19	39.150002	39.439999	38.189999	38.549999
38.549999				

## 1893 2004-11-22	38.439999	38.529999	37.580002	38.049999
38.049999				
## 1894 2004-11-23	38.180000	39.680000	38.029999	38.310001
38.310001				
## 1895 2004-11-24	38.869999	39.160000	38.099998	38.750000
38.750000				
## 1896 2004-11-26	38.950001	39.340000	38.889999	39.090000
39.090000				
## 1897 2004-11-29	39.599998	39.619999	37.709999	38.939999
38.939999				
## 1898 2004-11-30	38.970001	39.799999	38.950001	39.680000
39.680000				
## 1899 2004-12-01	40.000000	40.000000	39.250000	39.980000
39.980000				
## 1900 2004-12-02	39.639999	40.740002	39.279999	40.169998
40.169998				
## 1901 2004-12-03	40.360001	40.459999	39.540001	40.090000
40.090000				
## 1902 2004-12-06	39.730000	39.980000	39.150002	39.490002
39.490002				
## 1903 2004-12-07	39.450001	39.750000	38.049999	38.200001
38.200001				
## 1904 2004-12-08	38.320000	39.099998	37.990002	38.720001
38.720001				
## 1905 2004-12-09	38.400002	39.950001	38.169998	39.820000
39.820000				
## 1906 2004-12-10	39.540001	40.099998	39.000000	39.049999
39.049999				
## 1907 2004-12-13	39.330002	40.279999	38.820000	39.830002
39.830002				
## 1908 2004-12-14	40.150002	40.470001	39.939999	40.439999
40.439999				
## 1909 2004-12-15	40.340000	41.000000	40.209999	41.000000
41.000000				
## 1910 2004-12-16	40.860001	41.000000	39.709999	40.049999
40.049999				
## 1911 2004-12-17	40.160000	40.220001	39.869999	40.009998
40.009998				
## 1912 2004-12-20	39.930000	40.490002	38.810001	38.950001
38.950001				
## 1913 2004-12-21	38.840000	39.419998	38.639999	39.389999
39.389999				
## 1914 2004-12-22	38.610001	39.590000	38.549999	39.520000
39.520000				
## 1915 2004-12-23	39.340000	39.520000	38.919998	38.930000
38.930000				
## 1916 2004-12-27	39.520000	42.930000	39.470001	42.250000
42.250000				
## 1917 2004-12-28	43.900002	45.119999	43.500000	44.630001
44.630001				

## 1918	2004-12-29	44.750000	45.680000	44.439999	44.820000
44.820000					
## 1919	2004-12-30	45.000000	45.529999	44.549999	44.970001
44.970001					
## 1920	2004-12-31	45.130001	45.490002	44.160000	44.290001
44.290001					
## 1921	2005-01-03	44.950001	45.439999	44.209999	44.520000
44.520000					
## 1922	2005-01-04	42.669998	43.259998	41.500000	42.139999
42.139999					
## 1923	2005-01-05	41.570000	42.759998	41.560001	41.770000
41.770000					
## 1924	2005-01-06	41.810001	42.250000	40.900002	41.049999
41.049999					
## 1925	2005-01-07	41.380001	42.689999	41.160000	42.320000
42.320000					
## 1926	2005-01-10	41.939999	42.959999	41.709999	41.840000
41.840000					
## 1927	2005-01-11	41.400002	42.160000	41.009998	41.639999
41.639999					
## 1928	2005-01-12	41.490002	42.480000	40.820000	42.299999
42.299999					
## 1929	2005-01-13	42.450001	44.580002	42.340000	42.599998
42.599998					
## 1930	2005-01-14	42.900002	44.660000	42.360001	44.549999
44.549999					
## 1931	2005-01-18	44.290001	45.000000	44.150002	44.580002
44.580002					
## 1932	2005-01-19	44.470001	44.740002	43.430000	43.959999
43.959999					
## 1933	2005-01-20	41.709999	43.959999	41.639999	42.360001
42.360001					
## 1934	2005-01-21	41.990002	42.549999	41.020000	41.160000
41.160000					
## 1935	2005-01-24	41.439999	41.950001	40.310001	40.380001
40.380001					
## 1936	2005-01-25	40.639999	41.439999	40.450001	40.939999
40.939999					
## 1937	2005-01-26	41.180000	41.799999	40.259998	41.340000
41.340000					
## 1938	2005-01-27	41.270000	42.400002	41.139999	42.310001
42.310001					
## 1939	2005-01-28	42.090000	43.000000	41.529999	42.220001
42.220001					
## 1940	2005-01-31	42.439999	43.419998	42.430000	43.220001
43.220001					
## 1941	2005-02-01	43.000000	43.270000	42.380001	42.480000
42.480000					
## 1942	2005-02-02	43.049999	43.540001	40.860001	41.880001
41.880001					

## 1943 2005-02-03	34.900002	35.889999	34.529999	35.750000
35.750000				
## 1944 2005-02-04	35.650002	35.980000	35.189999	35.720001
35.720001				
## 1945 2005-02-07	35.820000	35.840000	35.549999	35.689999
35.689999				
## 1946 2005-02-08	35.540001	36.520000	35.529999	36.299999
36.299999				
## 1947 2005-02-09	36.450001	36.799999	35.869999	35.889999
35.889999				
## 1948 2005-02-10	36.070000	36.110001	35.529999	35.779999
35.779999				
## 1949 2005-02-11	35.570000	35.950001	35.000000	35.779999
35.779999				
## 1950 2005-02-14	35.650002	36.630001	35.500000	36.029999
36.029999				
## 1951 2005-02-15	36.209999	36.450001	35.750000	36.139999
36.139999				
## 1952 2005-02-16	35.930000	36.349998	35.580002	35.660000
35.660000				
## 1953 2005-02-17	35.740002	35.849998	35.250000	35.689999
35.689999				
## 1954 2005-02-18	35.610001	35.750000	35.099998	35.310001
35.310001				
## 1955 2005-02-22	35.020000	35.389999	34.509998	34.720001
34.720001				
## 1956 2005-02-23	34.950001	34.970001	33.200001	34.139999
34.139999				
## 1957 2005-02-24	33.660000	34.849998	33.660000	34.689999
34.689999				
## 1958 2005-02-25	34.720001	35.230000	34.480000	34.990002
34.990002				
## 1959 2005-02-28	34.720001	35.660000	34.669998	35.180000
35.180000				
## 1960 2005-03-01	35.060001	35.410000	34.820000	35.389999
35.389999				
## 1961 2005-03-02	35.389999	35.930000	35.070000	35.500000
35.500000				
## 1962 2005-03-03	35.500000	35.959999	35.400002	35.650002
35.650002				
## 1963 2005-03-04	35.840000	36.310001	35.700001	35.849998
35.849998				
## 1964 2005-03-07	35.939999	36.400002	35.810001	36.320000
36.320000				
## 1965 2005-03-08	36.310001	36.430000	35.750000	35.830002
35.830002				
## 1966 2005-03-09	35.740002	35.930000	34.900002	35.400002
35.400002				
## 1967 2005-03-10	35.310001	35.709999	34.570000	34.910000
34.910000				

## 1968 2005-03-11	34.810001	34.869999	34.049999	34.750000
34.750000				
## 1969 2005-03-14	34.669998	34.750000	34.000000	34.599998
34.599998				
## 1970 2005-03-15	34.580002	34.849998	33.900002	34.180000
34.180000				
## 1971 2005-03-16	33.880001	34.439999	33.599998	33.869999
33.869999				
## 1972 2005-03-17	33.580002	34.439999	33.580002	33.970001
33.970001				
## 1973 2005-03-18	34.150002	34.279999	33.650002	34.160000
34.160000				
## 1974 2005-03-21	34.209999	34.630001	33.540001	33.669998
33.669998				
## 1975 2005-03-22	33.700001	33.939999	33.070000	33.150002
33.150002				
## 1976 2005-03-23	33.090000	33.840000	32.820000	33.180000
33.180000				
## 1977 2005-03-24	33.400002	33.880001	32.869999	32.880001
32.880001				
## 1978 2005-03-28	33.099998	33.650002	33.020000	33.389999
33.389999				
## 1979 2005-03-29	33.279999	34.150002	33.230000	33.430000
33.430000				
## 1980 2005-03-30	33.590000	34.520000	33.509998	34.320000
34.320000				
## 1981 2005-03-31	34.490002	34.549999	34.000000	34.270000
34.270000				
## 1982 2005-04-01	34.630001	34.709999	33.779999	34.009998
34.009998				
## 1983 2005-04-04	34.000000	35.180000	33.810001	35.000000
35.000000				
## 1984 2005-04-05	35.230000	35.340000	34.990002	35.279999
35.279999				
## 1985 2005-04-06	35.099998	35.200001	34.619999	34.820000
34.820000				
## 1986 2005-04-07	34.680000	34.919998	34.500000	34.900002
34.900002				
## 1987 2005-04-08	34.750000	34.930000	34.570000	34.599998
34.599998				
## 1988 2005-04-11	34.599998	35.000000	34.360001	34.599998
34.599998				
## 1989 2005-04-12	34.400002	34.639999	33.660000	34.630001
34.630001				
## 1990 2005-04-13	34.349998	34.709999	34.150002	34.299999
34.299999				
## 1991 2005-04-14	34.259998	34.500000	33.880001	33.970001
33.970001				
## 1992 2005-04-15	33.959999	34.000000	33.020000	33.020000
33.020000				

## 1993 2005-04-18	32.900002	33.580002	32.840000	33.000000
33.000000				
## 1994 2005-04-19	33.180000	33.369999	32.009998	32.779999
32.779999				
## 1995 2005-04-20	33.099998	33.759998	32.900002	33.250000
33.250000				
## 1996 2005-04-21	33.500000	33.889999	32.889999	33.730000
33.730000				
## 1997 2005-04-22	33.490002	33.630001	32.910000	33.040001
33.040001				
## 1998 2005-04-25	33.130001	33.590000	33.049999	33.529999
33.529999				
## 1999 2005-04-26	33.430000	33.980000	32.580002	32.709999
32.709999				
## 2000 2005-04-27	30.840000	31.740000	30.600000	31.719999
31.719999				
## 2001 2005-04-28	31.660000	32.919998	31.629999	32.520000
32.520000				
## 2002 2005-04-29	32.860001	32.889999	31.520000	32.360001
32.360001				
## 2003 2005-05-02	32.299999	33.279999	32.099998	33.099998
33.099998				
## 2004 2005-05-03	32.939999	33.560001	32.889999	33.209999
33.209999				
## 2005 2005-05-04	33.349998	34.119999	33.270000	33.959999
33.959999				
## 2006 2005-05-05	33.959999	34.180000	33.590000	33.959999
33.959999				
## 2007 2005-05-06	34.240002	34.689999	34.139999	34.520000
34.520000				
## 2008 2005-05-09	34.400002	34.799999	34.250000	34.639999
34.639999				
## 2009 2005-05-10	34.400002	34.470001	34.020000	34.230000
34.230000				
## 2010 2005-05-11	34.299999	34.509998	33.650002	33.820000
33.820000				
## 2011 2005-05-12	33.700001	34.119999	33.549999	33.849998
33.849998				
## 2012 2005-05-13	33.990002	34.349998	33.799999	33.900002
33.900002				
## 2013 2005-05-16	34.029999	34.770000	33.919998	34.540001
34.540001				
## 2014 2005-05-17	34.450001	34.820000	34.090000	34.730000
34.730000				
## 2015 2005-05-18	34.810001	35.970001	34.730000	35.330002
35.330002				
## 2016 2005-05-19	35.369999	35.910000	35.330002	35.590000
35.590000				
## 2017 2005-05-20	35.450001	35.599998	34.959999	35.500000
35.500000				

## 2018 2005-05-23	35.570000	36.020000	35.389999	35.680000
35.680000				
## 2019 2005-05-24	35.480000	35.570000	35.130001	35.540001
35.540001				
## 2020 2005-05-25	35.270000	35.450001	35.189999	35.250000
35.250000				
## 2021 2005-05-26	35.279999	35.680000	35.169998	35.450001
35.450001				
## 2022 2005-05-27	35.220001	35.549999	35.150002	35.500000
35.500000				
## 2023 2005-05-31	35.360001	36.040001	35.290001	35.509998
35.509998				
## 2024 2005-06-01	35.570000	36.990002	35.439999	36.500000
36.500000				
## 2025 2005-06-02	36.330002	36.910000	36.209999	36.410000
36.410000				
## 2026 2005-06-03	36.459999	36.500000	35.320000	35.590000
35.590000				
## 2027 2005-06-06	35.540001	36.020000	35.480000	35.770000
35.770000				
## 2028 2005-06-07	35.910000	36.200001	35.290001	35.349998
35.349998				
## 2029 2005-06-08	35.400002	35.480000	34.799999	34.830002
34.830002				
## 2030 2005-06-09	34.930000	35.279999	34.400002	35.200001
35.200001				
## 2031 2005-06-10	35.250000	35.290001	34.470001	34.950001
34.950001				
## 2032 2005-06-13	34.669998	35.410000	34.650002	34.869999
34.869999				
## 2033 2005-06-14	34.820000	35.169998	34.790001	35.040001
35.040001				
## 2034 2005-06-15	35.340000	35.410000	34.520000	35.240002
35.240002				
## 2035 2005-06-16	35.200001	35.810001	35.160000	35.580002
35.580002				
## 2036 2005-06-17	35.889999	36.070000	35.160000	35.310001
35.310001				
## 2037 2005-06-20	35.049999	35.970001	35.040001	35.689999
35.689999				
## 2038 2005-06-21	35.599998	35.810001	35.279999	35.380001
35.380001				
## 2039 2005-06-22	35.500000	35.849998	35.139999	35.220001
35.220001				
## 2040 2005-06-23	35.139999	35.560001	35.099998	35.430000
35.430000				
## 2041 2005-06-24	35.299999	35.439999	34.880001	35.020000
35.020000				
## 2042 2005-06-27	34.910000	35.049999	34.169998	34.500000
34.500000				

## 2043	2005-06-28	34.599998	34.630001	33.590000	33.709999
33.709999					
## 2044	2005-06-29	33.700001	34.070000	33.270000	33.349998
33.349998					
## 2045	2005-06-30	33.470001	33.560001	32.930000	33.090000
33.090000					
## 2046	2005-07-01	33.240002	33.270000	32.790001	32.910000
32.910000					
## 2047	2005-07-05	33.500000	34.480000	33.450001	34.080002
34.080002					
## 2048	2005-07-06	34.009998	34.400002	33.860001	34.060001
34.060001					
## 2049	2005-07-07	33.799999	34.509998	33.799999	33.959999
33.959999					
## 2050	2005-07-08	34.110001	34.750000	33.849998	34.740002
34.740002					
## 2051	2005-07-11	34.720001	35.680000	34.599998	35.590000
35.590000					
## 2052	2005-07-12	35.490002	36.540001	35.459999	36.310001
36.310001					
## 2053	2005-07-13	36.270000	36.549999	36.189999	36.509998
36.509998					
## 2054	2005-07-14	37.189999	37.419998	36.880001	37.189999
37.189999					
## 2055	2005-07-15	37.349998	37.500000	36.750000	37.150002
37.150002					
## 2056	2005-07-18	36.950001	37.189999	36.759998	37.189999
37.189999					
## 2057	2005-07-19	37.380001	38.169998	36.689999	38.169998
38.169998					
## 2058	2005-07-20	37.490002	38.250000	37.299999	38.169998
38.169998					
## 2059	2005-07-21	38.959999	39.750000	37.759998	37.950001
37.950001					
## 2060	2005-07-22	37.889999	38.230000	37.240002	37.950001
37.950001					
## 2061	2005-07-25	38.000000	39.040001	37.849998	37.950001
37.950001					
## 2062	2005-07-26	38.220001	38.750000	37.720001	37.740002
37.740002					
## 2063	2005-07-27	42.009998	43.740002	41.840000	43.650002
43.650002					
## 2064	2005-07-28	43.540001	45.810001	43.369999	45.680000
45.680000					
## 2065	2005-07-29	45.310001	45.750000	44.610001	45.150002
45.150002					
## 2066	2005-08-01	44.880001	45.189999	44.349998	44.930000
44.930000					
## 2067	2005-08-02	44.900002	46.970001	44.880001	46.509998
46.509998					

## 2068 2005-08-03	46.009998	46.180000	45.840000	46.110001
46.110001				
## 2069 2005-08-04	45.549999	45.770000	45.419998	45.459999
45.459999				
## 2070 2005-08-05	45.250000	45.709999	45.169998	45.270000
45.270000				
## 2071 2005-08-08	45.320000	45.900002	45.259998	45.660000
45.660000				
## 2072 2005-08-09	45.759998	46.439999	45.750000	45.930000
45.930000				
## 2073 2005-08-10	45.389999	45.570000	44.590000	44.759998
44.759998				
## 2074 2005-08-11	44.619999	45.209999	44.500000	45.209999
45.209999				
## 2075 2005-08-12	44.630001	45.720001	44.049999	44.200001
44.200001				
## 2076 2005-08-15	43.930000	45.349998	43.880001	45.040001
45.040001				
## 2077 2005-08-16	44.900002	44.939999	44.200001	44.270000
44.270000				
## 2078 2005-08-17	44.189999	44.430000	44.119999	44.119999
44.119999				
## 2079 2005-08-18	43.880001	43.900002	43.509998	43.730000
43.730000				
## 2080 2005-08-19	43.599998	43.770000	43.330002	43.720001
43.720001				
## 2081 2005-08-22	43.610001	44.270000	42.939999	43.770000
43.770000				
## 2082 2005-08-23	43.740002	43.970001	43.220001	43.419998
43.419998				
## 2083 2005-08-24	43.320000	43.320000	42.270000	42.369999
42.369999				
## 2084 2005-08-25	42.540001	42.799999	42.080002	42.310001
42.310001				
## 2085 2005-08-26	42.299999	42.630001	42.259998	42.369999
42.369999				
## 2086 2005-08-29	41.910000	43.000000	41.910000	42.790001
42.790001				
## 2087 2005-08-30	42.389999	42.709999	41.959999	42.490002
42.490002				
## 2088 2005-08-31	42.439999	42.810001	42.040001	42.700001
42.700001				
## 2089 2005-09-01	42.520000	42.970001	41.750000	41.840000
41.840000				
## 2090 2005-09-02	42.000000	42.049999	41.040001	41.509998
41.509998				
## 2091 2005-09-06	41.549999	43.650002	41.509998	43.619999
43.619999				
## 2092 2005-09-07	43.500000	44.299999	43.450001	43.730000
43.730000				

## 2093 2005-09-08	43.450001	43.490002	42.830002	42.959999
42.959999				
## 2094 2005-09-09	42.990002	43.200001	42.810001	42.950001
42.950001				
## 2095 2005-09-12	42.720001	44.959999	42.689999	44.500000
44.500000				
## 2096 2005-09-13	44.169998	44.380001	43.439999	43.930000
43.930000				
## 2097 2005-09-14	43.880001	44.730000	42.820000	43.099998
43.099998				
## 2098 2005-09-15	43.200001	43.590000	42.650002	42.709999
42.709999				
## 2099 2005-09-16	42.799999	42.919998	42.119999	42.799999
42.799999				
## 2100 2005-09-19	42.630001	43.430000	42.169998	42.750000
42.750000				
## 2101 2005-09-20	42.650002	43.009998	41.770000	41.869999
41.869999				
## 2102 2005-09-21	41.849998	42.639999	41.250000	41.250000
41.250000				
## 2103 2005-09-22	41.200001	42.270000	40.500000	42.080002
42.080002				
## 2104 2005-09-23	41.970001	42.619999	41.549999	42.189999
42.189999				
## 2105 2005-09-26	42.450001	43.419998	42.400002	43.340000
43.340000				
## 2106 2005-09-27	43.259998	43.730000	42.820000	43.160000
43.160000				
## 2107 2005-09-28	43.250000	43.740002	42.990002	43.369999
43.369999				
## 2108 2005-09-29	43.380001	44.799999	43.130001	44.790001
44.790001				
## 2109 2005-09-30	44.650002	45.840000	44.599998	45.299999
45.299999				
## 2110 2005-10-03	45.330002	46.590000	45.160000	46.009998
46.009998				
## 2111 2005-10-04	46.000000	46.119999	44.500000	44.930000
44.930000				
## 2112 2005-10-05	44.910000	45.290001	43.889999	44.490002
44.490002				
## 2113 2005-10-06	44.560001	44.810001	43.330002	44.009998
44.009998				
## 2114 2005-10-07	44.270000	44.610001	43.380001	43.720001
43.720001				
## 2115 2005-10-10	43.820000	44.380001	43.580002	43.759998
43.759998				
## 2116 2005-10-11	43.919998	44.320000	43.230000	43.400002
43.400002				
## 2117 2005-10-12	42.910000	43.680000	42.439999	42.549999
42.549999				

## 2118	2005-10-13	42.430000	42.980000	41.900002	42.619999
42.619999					
## 2119	2005-10-14	43.000000	43.869999	42.340000	43.790001
43.790001					
## 2120	2005-10-17	43.630001	45.020000	43.619999	45.020000
45.020000					
## 2121	2005-10-18	44.919998	45.049999	44.299999	44.650002
44.650002					
## 2122	2005-10-19	44.540001	45.860001	44.279999	45.860001
45.860001					
## 2123	2005-10-20	45.900002	46.070000	44.680000	45.009998
45.009998					
## 2124	2005-10-21	45.669998	46.049999	45.150002	45.950001
45.950001					
## 2125	2005-10-24	46.119999	46.959999	45.860001	46.930000
46.930000					
## 2126	2005-10-25	46.880001	47.000000	46.040001	46.169998
46.169998					
## 2127	2005-10-26	41.000000	41.099998	39.480000	39.750000
39.750000					
## 2128	2005-10-27	39.639999	39.900002	38.860001	39.060001
39.060001					
## 2129	2005-10-28	39.549999	39.650002	38.720001	38.950001
38.950001					
## 2130	2005-10-31	39.349998	40.389999	39.119999	39.860001
39.860001					
## 2131	2005-11-01	39.970001	40.740002	39.650002	40.369999
40.369999					
## 2132	2005-11-02	40.290001	41.230000	39.799999	40.750000
40.750000					
## 2133	2005-11-03	40.889999	42.000000	40.849998	41.560001
41.560001					
## 2134	2005-11-04	41.490002	41.799999	40.910000	41.090000
41.090000					
## 2135	2005-11-07	41.080002	41.470001	40.549999	41.389999
41.389999					
## 2136	2005-11-08	41.330002	42.110001	41.029999	41.950001
41.950001					
## 2137	2005-11-09	41.790001	42.000000	41.279999	41.400002
41.400002					
## 2138	2005-11-10	41.470001	42.450001	40.860001	42.180000
42.180000					
## 2139	2005-11-11	42.369999	43.040001	42.250000	42.680000
42.680000					
## 2140	2005-11-14	42.520000	43.000000	42.340000	42.529999
42.529999					
## 2141	2005-11-15	45.459999	45.650002	44.430000	44.450001
44.450001					
## 2142	2005-11-16	44.270000	45.400002	44.240002	45.299999
45.299999					

## 2143 2005-11-17	45.430000	46.759998	45.360001	46.740002
46.740002				
## 2144 2005-11-18	46.900002	48.000000	46.660000	47.980000
47.980000				
## 2145 2005-11-21	47.570000	48.310001	47.279999	47.990002
47.990002				
## 2146 2005-11-22	47.500000	49.009998	47.340000	48.849998
48.849998				
## 2147 2005-11-23	48.770000	48.959999	48.090000	48.240002
48.240002				
## 2148 2005-11-25	48.049999	48.480000	47.619999	48.060001
48.060001				
## 2149 2005-11-28	48.150002	49.119999	47.619999	48.349998
48.349998				
## 2150 2005-11-29	48.310001	49.430000	48.119999	48.549999
48.549999				
## 2151 2005-11-30	48.480000	48.680000	47.549999	48.459999
48.459999				
## 2152 2005-12-01	48.880001	49.400002	48.630001	49.000000
49.000000				
## 2153 2005-12-02	48.919998	49.529999	48.400002	49.060001
49.060001				
## 2154 2005-12-05	48.860001	49.349998	48.750000	48.830002
48.830002				
## 2155 2005-12-06	49.060001	49.900002	49.060001	49.259998
49.259998				
## 2156 2005-12-07	49.310001	49.470001	48.290001	48.830002
48.830002				
## 2157 2005-12-08	48.830002	49.099998	47.860001	48.349998
48.349998				
## 2158 2005-12-09	48.650002	49.040001	48.250000	48.740002
48.740002				
## 2159 2005-12-12	49.150002	49.299999	48.639999	49.070000
49.070000				
## 2160 2005-12-13	48.540001	49.669998	48.480000	49.500000
49.500000				
## 2161 2005-12-14	49.200001	49.599998	48.790001	49.410000
49.410000				
## 2162 2005-12-15	49.500000	49.950001	49.049999	49.480000
49.480000				
## 2163 2005-12-16	49.400002	49.919998	49.209999	49.209999
49.209999				
## 2164 2005-12-19	48.990002	50.000000	48.320000	48.369999
48.369999				
## 2165 2005-12-20	48.459999	48.599998	47.680000	48.139999
48.139999				
## 2166 2005-12-21	48.290001	49.060001	47.779999	48.970001
48.970001				
## 2167 2005-12-22	48.900002	49.279999	48.360001	49.220001
49.220001				

## 2168 2005-12-23	49.090000	49.389999	48.720001	49.220001
49.220001				
## 2169 2005-12-27	48.900002	49.099998	48.360001	48.560001
48.560001				
## 2170 2005-12-28	48.490002	48.549999	47.900002	48.060001
48.060001				
## 2171 2005-12-29	48.130001	48.459999	47.970001	47.990002
47.990002				
## 2172 2005-12-30	47.730000	48.200001	47.139999	47.150002
47.150002				
## 2173 2006-01-03	47.470001	47.849998	46.250000	47.580002
47.580002				
## 2174 2006-01-04	47.490002	47.730000	46.689999	47.250000
47.250000				
## 2175 2006-01-05	47.160000	48.200001	47.110001	47.650002
47.650002				
## 2176 2006-01-06	47.970001	48.580002	47.320000	47.869999
47.869999				
## 2177 2006-01-09	46.549999	47.099998	46.400002	47.080002
47.080002				
## 2178 2006-01-10	46.410000	46.750000	45.360001	45.650002
45.650002				
## 2179 2006-01-11	45.650002	45.700001	44.259998	44.930000
44.930000				
## 2180 2006-01-12	44.790001	45.090000	44.090000	44.360001
44.360001				
## 2181 2006-01-13	44.470001	44.849998	44.000000	44.400002
44.400002				
## 2182 2006-01-17	43.950001	44.320000	43.660000	44.000000
44.000000				
## 2183 2006-01-18	43.189999	44.590000	43.099998	44.320000
44.320000				
## 2184 2006-01-19	44.490002	45.240002	44.299999	44.450001
44.450001				
## 2185 2006-01-20	44.230000	44.360001	43.200001	43.919998
43.919998				
## 2186 2006-01-23	44.180000	44.750000	43.500000	43.730000
43.730000				
## 2187 2006-01-24	43.660000	44.430000	43.419998	44.020000
44.020000				
## 2188 2006-01-25	44.049999	44.470001	43.340000	43.599998
43.599998				
## 2189 2006-01-26	43.950001	44.779999	43.790001	44.680000
44.680000				
## 2190 2006-01-27	44.549999	45.220001	44.529999	45.220001
45.220001				
## 2191 2006-01-30	45.410000	45.970001	44.740002	44.959999
44.959999				
## 2192 2006-01-31	44.759998	45.209999	44.250000	44.820000
44.820000				

## 2193	2006-02-01	43.919998	44.689999	43.500000	43.980000
43.980000					
## 2194	2006-02-02	43.840000	44.040001	39.799999	42.740002
42.740002					
## 2195	2006-02-03	37.700001	38.500000	37.369999	38.330002
38.330002					
## 2196	2006-02-06	38.340000	38.340000	37.770000	37.950001
37.950001					
## 2197	2006-02-07	38.090000	38.200001	37.200001	37.520000
37.520000					
## 2198	2006-02-08	37.700001	38.389999	37.110001	38.169998
38.169998					
## 2199	2006-02-09	38.610001	39.000000	37.930000	37.990002
37.990002					
## 2200	2006-02-10	37.980000	38.520000	37.369999	38.520000
38.520000					
## 2201	2006-02-13	38.250000	38.419998	37.529999	37.860001
37.860001					
## 2202	2006-02-14	38.040001	38.490002	37.380001	38.250000
38.250000					
## 2203	2006-02-15	38.240002	39.279999	38.099998	39.259998
39.259998					
## 2204	2006-02-16	39.369999	40.000000	38.830002	39.150002
39.150002					
## 2205	2006-02-17	38.930000	39.380001	38.910000	39.189999
39.189999					
## 2206	2006-02-21	39.009998	39.110001	38.259998	38.290001
38.290001					
## 2207	2006-02-22	38.310001	39.099998	37.709999	38.720001
38.720001					
## 2208	2006-02-23	38.619999	38.750000	37.869999	37.900002
37.900002					
## 2209	2006-02-24	38.250000	38.410000	37.860001	38.349998
38.349998					
## 2210	2006-02-27	38.400002	38.779999	37.930000	38.009998
38.009998					
## 2211	2006-02-28	37.790001	38.090000	37.049999	37.439999
37.439999					
## 2212	2006-03-01	37.450001	37.689999	36.849998	37.119999
37.119999					
## 2213	2006-03-02	35.639999	37.000000	35.369999	36.880001
36.880001					
## 2214	2006-03-03	36.889999	37.830002	36.669998	37.209999
37.209999					
## 2215	2006-03-06	37.320000	37.580002	36.770000	36.860001
36.860001					
## 2216	2006-03-07	36.709999	37.419998	36.700001	36.930000
36.930000					
## 2217	2006-03-08	36.720001	37.470001	36.610001	36.810001
36.810001					

## 2218	2006-03-09	36.799999	36.959999	35.900002	36.119999
36.119999					
## 2219	2006-03-10	36.240002	36.500000	35.740002	36.220001
36.220001					
## 2220	2006-03-13	36.310001	36.630001	35.970001	36.189999
36.189999					
## 2221	2006-03-14	36.040001	37.000000	36.009998	36.910000
36.910000					
## 2222	2006-03-15	36.950001	37.000000	36.430000	36.889999
36.889999					
## 2223	2006-03-16	37.080002	37.389999	36.740002	36.770000
36.770000					
## 2224	2006-03-17	36.880001	36.980000	35.849998	35.990002
35.990002					
## 2225	2006-03-20	35.919998	37.270000	35.799999	36.230000
36.230000					
## 2226	2006-03-21	35.919998	36.730000	35.660000	35.919998
35.919998					
## 2227	2006-03-22	36.000000	36.540001	35.790001	36.000000
36.000000					
## 2228	2006-03-23	35.959999	36.340000	35.480000	35.680000
35.680000					
## 2229	2006-03-24	35.720001	36.119999	35.310001	35.470001
35.470001					
## 2230	2006-03-27	35.500000	35.660000	35.139999	35.250000
35.250000					
## 2231	2006-03-28	35.209999	36.020000	35.200001	35.689999
35.689999					
## 2232	2006-03-29	35.689999	36.810001	35.310001	36.320000
36.320000					
## 2233	2006-03-30	36.450001	36.900002	36.180000	36.669998
36.669998					
## 2234	2006-03-31	36.680000	36.770000	36.480000	36.529999
36.529999					
## 2235	2006-04-03	36.669998	37.330002	36.099998	36.139999
36.139999					
## 2236	2006-04-04	36.139999	37.099998	36.020000	36.770000
36.770000					
## 2237	2006-04-05	36.660000	37.340000	36.270000	37.340000
37.340000					
## 2238	2006-04-06	37.200001	38.840000	37.130001	38.509998
38.509998					
## 2239	2006-04-07	38.549999	38.669998	37.000000	37.090000
37.090000					
## 2240	2006-04-10	37.150002	37.279999	36.220001	36.610001
36.610001					
## 2241	2006-04-11	36.610001	36.750000	35.520000	36.060001
36.060001					
## 2242	2006-04-12	35.910000	36.439999	35.910000	36.130001
36.130001					

## 2243 2006-04-13	35.950001	36.720001	35.490002	36.619999
36.619999				
## 2244 2006-04-17	36.470001	36.619999	35.049999	35.270000
35.270000				
## 2245 2006-04-18	35.389999	36.450001	35.200001	36.279999
36.279999				
## 2246 2006-04-19	36.119999	36.959999	35.889999	36.889999
36.889999				
## 2247 2006-04-20	36.700001	37.200001	36.230000	36.340000
36.340000				
## 2248 2006-04-21	36.619999	36.779999	35.720001	36.029999
36.029999				
## 2249 2006-04-24	36.119999	36.119999	35.320000	35.790001
35.790001				
## 2250 2006-04-25	35.590000	35.770000	35.009998	35.549999
35.549999				
## 2251 2006-04-26	35.340000	36.349998	35.150002	35.790001
35.790001				
## 2252 2006-04-27	35.509998	35.869999	35.299999	35.740002
35.740002				
## 2253 2006-04-28	35.770000	35.889999	35.139999	35.209999
35.209999				
## 2254 2006-05-01	35.189999	35.570000	34.439999	34.590000
34.590000				
## 2255 2006-05-02	34.639999	34.939999	34.230000	34.380001
34.380001				
## 2256 2006-05-03	34.290001	34.389999	33.509998	33.959999
33.959999				
## 2257 2006-05-04	34.619999	34.720001	34.380001	34.470001
34.470001				
## 2258 2006-05-05	34.650002	35.040001	34.150002	35.040001
35.040001				
## 2259 2006-05-08	34.990002	35.310001	34.470001	34.689999
34.689999				
## 2260 2006-05-09	34.419998	35.259998	34.209999	34.840000
34.840000				
## 2261 2006-05-10	34.680000	35.000000	34.099998	34.160000
34.160000				
## 2262 2006-05-11	34.119999	34.150002	33.080002	33.529999
33.529999				
## 2263 2006-05-12	33.560001	33.779999	32.549999	32.730000
32.730000				
## 2264 2006-05-15	32.549999	32.849998	32.209999	32.779999
32.779999				
## 2265 2006-05-16	32.840000	33.020000	32.320000	32.759998
32.759998				
## 2266 2006-05-17	32.450001	32.700001	31.530001	31.610001
31.610001				
## 2267 2006-05-18	31.709999	33.639999	31.520000	32.610001
32.610001				

## 2268	2006-05-19	32.660000	34.000000	32.029999	33.939999
33.939999					
## 2269	2006-05-22	33.959999	34.990002	33.180000	34.830002
34.830002					
## 2270	2006-05-23	35.000000	36.000000	33.759998	33.759998
33.759998					
## 2271	2006-05-24	33.410000	35.230000	33.369999	35.189999
35.189999					
## 2272	2006-05-25	35.360001	35.689999	34.599998	35.630001
35.630001					
## 2273	2006-05-26	35.660000	36.500000	35.459999	36.070000
36.070000					
## 2274	2006-05-30	35.730000	35.750000	34.439999	34.639999
34.639999					
## 2275	2006-05-31	34.740002	34.939999	33.730000	34.610001
34.610001					
## 2276	2006-06-01	34.630001	35.450001	34.299999	35.070000
35.070000					
## 2277	2006-06-02	35.189999	35.220001	34.049999	34.759998
34.759998					
## 2278	2006-06-05	34.459999	34.540001	33.270000	33.490002
33.490002					
## 2279	2006-06-06	33.580002	33.799999	32.930000	33.410000
33.410000					
## 2280	2006-06-07	33.400002	34.540001	32.910000	33.770000
33.770000					
## 2281	2006-06-08	33.549999	34.060001	32.419998	33.549999
33.549999					
## 2282	2006-06-09	33.500000	34.349998	33.450001	33.779999
33.779999					
## 2283	2006-06-12	34.000000	34.450001	33.490002	33.599998
33.599998					
## 2284	2006-06-13	33.490002	34.169998	33.130001	33.470001
33.470001					
## 2285	2006-06-14	33.500000	33.990002	33.080002	33.680000
33.680000					
## 2286	2006-06-15	33.840000	35.169998	33.669998	34.959999
34.959999					
## 2287	2006-06-16	34.880001	35.259998	34.700001	35.090000
35.090000					
## 2288	2006-06-19	35.200001	35.480000	35.040001	35.070000
35.070000					
## 2289	2006-06-20	35.009998	35.650002	34.880001	35.480000
35.480000					
## 2290	2006-06-21	35.340000	37.049999	35.340000	36.650002
36.650002					
## 2291	2006-06-22	36.549999	36.849998	36.110001	36.369999
36.369999					
## 2292	2006-06-23	36.459999	36.650002	36.020000	36.549999
36.549999					

## 2293 2006-06-26	36.549999	37.169998	36.430000	36.770000
36.770000				
## 2294 2006-06-27	36.720001	37.500000	36.169998	36.480000
36.480000				
## 2295 2006-06-28	36.700001	37.110001	36.480000	36.700001
36.700001				
## 2296 2006-06-29	36.820000	38.570000	36.700001	38.520000
38.520000				
## 2297 2006-06-30	38.580002	38.840000	37.830002	38.680000
38.680000				
## 2298 2006-07-03	38.520000	38.619999	38.230000	38.610001
38.610001				
## 2299 2006-07-05	38.279999	38.430000	36.779999	37.110001
37.110001				
## 2300 2006-07-06	37.070000	37.740002	36.520000	36.799999
36.799999				
## 2301 2006-07-07	36.709999	37.279999	35.750000	36.110001
36.110001				
## 2302 2006-07-10	36.299999	36.700001	35.400002	35.790001
35.790001				
## 2303 2006-07-11	35.740002	35.919998	35.009998	35.660000
35.660000				
## 2304 2006-07-12	35.599998	35.900002	34.570000	34.630001
34.630001				
## 2305 2006-07-13	34.330002	34.630001	33.709999	33.730000
33.730000				
## 2306 2006-07-14	33.509998	33.730000	32.799999	32.919998
32.919998				
## 2307 2006-07-17	32.790001	33.930000	32.790001	33.669998
33.669998				
## 2308 2006-07-18	33.650002	34.290001	32.959999	33.490002
33.490002				
## 2309 2006-07-19	33.500000	34.770000	33.389999	34.480000
34.480000				
## 2310 2006-07-20	34.389999	34.810001	33.830002	34.180000
34.180000				
## 2311 2006-07-21	33.849998	33.970001	32.919998	33.189999
33.189999				
## 2312 2006-07-24	33.349998	34.680000	33.340000	34.310001
34.310001				
## 2313 2006-07-25	34.000000	34.160000	33.389999	33.590000
33.590000				
## 2314 2006-07-26	28.760000	29.000000	25.959999	26.260000
26.260000				
## 2315 2006-07-27	26.450001	26.799999	26.209999	26.559999
26.559999				
## 2316 2006-07-28	26.799999	27.180000	26.570000	27.170000
27.170000				
## 2317 2006-07-31	27.020000	27.290001	26.740000	26.889999
26.889999				

## 2318	2006-08-01	26.549999	26.639999	25.840000	26.320000
26.320000					
## 2319	2006-08-02	26.150000	26.299999	25.889999	26.090000
26.090000					
## 2320	2006-08-03	26.090000	26.900000	25.900000	26.690001
26.690001					
## 2321	2006-08-04	26.940001	27.590000	26.799999	27.290001
27.290001					
## 2322	2006-08-07	27.190001	27.290001	26.590000	26.780001
26.780001					
## 2323	2006-08-08	26.799999	27.020000	26.190001	26.360001
26.360001					
## 2324	2006-08-09	26.540001	26.700001	26.000000	26.209999
26.209999					
## 2325	2006-08-10	26.200001	26.520000	25.879999	26.490000
26.490000					
## 2326	2006-08-11	26.430000	26.430000	25.760000	26.070000
26.070000					
## 2327	2006-08-14	26.219999	27.059999	26.180000	26.530001
26.530001					
## 2328	2006-08-15	26.969999	27.860001	26.620001	27.770000
27.770000					
## 2329	2006-08-16	27.969999	28.139999	27.520000	27.950001
27.950001					
## 2330	2006-08-17	27.959999	29.750000	27.830000	29.090000
29.090000					
## 2331	2006-08-18	29.090000	29.230000	28.219999	29.120001
29.120001					
## 2332	2006-08-21	28.700001	28.980000	27.969999	28.129999
28.129999					
## 2333	2006-08-22	28.139999	28.889999	28.049999	28.370001
28.370001					
## 2334	2006-08-23	28.559999	28.889999	27.770000	28.139999
28.139999					
## 2335	2006-08-24	28.240000	28.250000	27.540001	27.969999
27.969999					
## 2336	2006-08-25	27.790001	28.230000	27.620001	28.030001
28.030001					
## 2337	2006-08-28	28.400000	29.000000	28.270000	28.910000
28.910000					
## 2338	2006-08-29	28.969999	29.719999	28.750000	29.520000
29.520000					
## 2339	2006-08-30	29.570000	30.850000	29.480000	30.670000
30.670000					
## 2340	2006-08-31	30.750000	30.990000	30.469999	30.830000
30.830000					
## 2341	2006-09-01	30.850000	31.799999	30.850000	31.760000
31.760000					
## 2342	2006-09-05	31.610001	32.299999	31.240000	32.230000
32.230000					

## 2343	2006-09-06	31.760000	31.980000	30.650000	30.799999
30.799999					
## 2344	2006-09-07	30.570000	30.639999	29.680000	29.730000
29.730000					
## 2345	2006-09-08	30.190001	30.660000	29.940001	30.510000
30.510000					
## 2346	2006-09-11	30.230000	31.129999	29.719999	30.790001
30.790001					
## 2347	2006-09-12	30.870001	31.940001	30.530001	31.719999
31.719999					
## 2348	2006-09-13	31.730000	31.959999	31.370001	31.670000
31.670000					
## 2349	2006-09-14	31.540001	31.870001	31.180000	31.650000
31.650000					
## 2350	2006-09-15	31.900000	32.740002	31.580000	32.520000
32.520000					
## 2351	2006-09-18	32.450001	32.669998	31.879999	32.080002
32.080002					
## 2352	2006-09-19	32.240002	32.299999	30.820000	31.580000
31.580000					
## 2353	2006-09-20	31.809999	32.810001	31.799999	32.119999
32.119999					
## 2354	2006-09-21	32.240002	32.560001	30.070000	30.219999
30.219999					
## 2355	2006-09-22	30.219999	30.950001	29.900000	30.840000
30.840000					
## 2356	2006-09-25	31.049999	31.969999	30.740000	31.790001
31.790001					
## 2357	2006-09-26	31.889999	32.590000	31.799999	32.500000
32.500000					
## 2358	2006-09-27	32.279999	32.459999	31.930000	32.330002
32.330002					
## 2359	2006-09-28	32.270000	32.330002	31.219999	31.840000
31.840000					
## 2360	2006-09-29	32.009998	32.340000	31.540001	32.119999
32.119999					
## 2361	2006-10-02	31.980000	32.029999	30.830000	30.870001
30.870001					
## 2362	2006-10-03	30.900000	32.000000	30.580000	31.700001
31.700001					
## 2363	2006-10-04	31.750000	32.830002	31.299999	32.759998
32.759998					
## 2364	2006-10-05	32.680000	33.400002	32.400002	33.320000
33.320000					
## 2365	2006-10-06	33.150002	33.220001	32.500000	32.590000
32.590000					
## 2366	2006-10-09	32.490002	33.480000	32.450001	33.380001
33.380001					
## 2367	2006-10-10	33.270000	33.580002	32.490002	32.619999
32.619999					

## 2368	2006-10-11	32.610001	33.150002	32.270000	32.910000
32.910000					
## 2369	2006-10-12	33.099998	33.709999	32.630001	33.549999
33.549999					
## 2370	2006-10-13	33.349998	33.580002	33.080002	33.320000
33.320000					
## 2371	2006-10-16	32.849998	33.200001	32.549999	32.599998
32.599998					
## 2372	2006-10-17	32.200001	32.610001	31.750000	32.470001
32.470001					
## 2373	2006-10-18	32.570000	32.779999	32.000000	32.310001
32.310001					
## 2374	2006-10-19	32.169998	32.840000	32.099998	32.540001
32.540001					
## 2375	2006-10-20	32.689999	32.689999	32.209999	32.570000
32.570000					
## 2376	2006-10-23	32.470001	32.910000	32.139999	32.880001
32.880001					
## 2377	2006-10-24	32.869999	38.000000	32.860001	33.630001
33.630001					
## 2378	2006-10-25	37.299999	37.980000	36.040001	37.680000
37.680000					
## 2379	2006-10-26	37.250000	38.490002	37.180000	38.299999
38.299999					
## 2380	2006-10-27	38.150002	38.380001	37.660000	38.240002
38.240002					
## 2381	2006-10-30	38.049999	38.340000	37.680000	38.150002
38.150002					
## 2382	2006-10-31	38.220001	38.590000	37.799999	38.090000
38.090000					
## 2383	2006-11-01	38.130001	38.200001	37.459999	37.560001
37.560001					
## 2384	2006-11-02	37.330002	37.770000	37.110001	37.450001
37.450001					
## 2385	2006-11-03	37.610001	37.709999	36.869999	37.459999
37.459999					
## 2386	2006-11-06	37.639999	38.349998	37.529999	38.209999
38.209999					
## 2387	2006-11-07	38.200001	39.000000	38.040001	38.770000
38.770000					
## 2388	2006-11-08	38.580002	39.480000	38.459999	39.470001
39.470001					
## 2389	2006-11-09	39.500000	39.770000	38.810001	38.840000
38.840000					
## 2390	2006-11-10	38.790001	39.360001	38.759998	39.259998
39.259998					
## 2391	2006-11-13	39.230000	40.000000	39.130001	39.990002
39.990002					
## 2392	2006-11-14	40.110001	41.669998	39.619999	41.509998
41.509998					

## 2393	2006-11-15	41.500000	43.099998	41.500000	42.599998
		42.599998			
## 2394	2006-11-16	42.450001	42.950001	42.400002	42.840000
		42.840000			
## 2395	2006-11-17	42.549999	42.669998	42.220001	42.549999
		42.549999			
## 2396	2006-11-20	42.349998	42.549999	41.939999	42.439999
		42.439999			
## 2397	2006-11-21	42.549999	43.250000	42.119999	42.540001
		42.540001			
## 2398	2006-11-22	42.500000	42.980000	42.180000	42.959999
		42.959999			
## 2399	2006-11-24	42.560001	42.939999	42.310001	42.410000
		42.410000			
## 2400	2006-11-27	42.180000	42.799999	40.720001	40.849998
		40.849998			
## 2401	2006-11-28	40.750000	41.070000	40.299999	40.919998
		40.919998			
## 2402	2006-11-29	40.480000	41.099998	40.000000	40.630001
		40.630001			
## 2403	2006-11-30	40.419998	40.639999	39.849998	40.340000
		40.340000			
## 2404	2006-12-01	40.259998	40.540001	39.090000	39.410000
		39.410000			
## 2405	2006-12-04	39.310001	39.480000	38.869999	39.099998
		39.099998			
## 2406	2006-12-05	39.130001	39.299999	38.720001	38.980000
		38.980000			
## 2407	2006-12-06	38.770000	39.580002	38.639999	38.900002
		38.900002			
## 2408	2006-12-07	38.930000	39.090000	38.049999	38.119999
		38.119999			
## 2409	2006-12-08	37.919998	38.950001	37.700001	38.459999
		38.459999			
## 2410	2006-12-11	38.220001	39.150002	38.080002	38.689999
		38.689999			
## 2411	2006-12-12	38.439999	38.939999	38.150002	38.459999
		38.459999			
## 2412	2006-12-13	38.610001	39.189999	38.189999	38.500000
		38.500000			
## 2413	2006-12-14	38.740002	39.540001	38.599998	39.020000
		39.020000			
## 2414	2006-12-15	39.380001	40.189999	39.230000	40.009998
		40.009998			
## 2415	2006-12-18	40.200001	40.639999	38.860001	39.259998
		39.259998			
## 2416	2006-12-19	38.779999	39.720001	38.230000	39.419998
		39.419998			
## 2417	2006-12-20	39.430000	40.299999	39.389999	40.009998
		40.009998			

## 2418	2006-12-21	39.869999	40.340000	39.650002	39.889999
39.889999					
## 2419	2006-12-22	39.980000	40.509998	39.910000	40.240002
40.240002					
## 2420	2006-12-26	40.130001	40.130001	39.419998	39.799999
39.799999					
## 2421	2006-12-27	39.860001	40.470001	39.799999	40.290001
40.290001					
## 2422	2006-12-28	40.380001	40.630001	39.919998	40.209999
40.209999					
## 2423	2006-12-29	40.060001	40.250000	39.349998	39.459999
39.459999					
## 2424	2007-01-03	38.680000	39.060001	38.049999	38.700001
38.700001					
## 2425	2007-01-04	38.590000	39.139999	38.259998	38.900002
38.900002					
## 2426	2007-01-05	38.720001	38.790001	37.599998	38.369999
38.369999					
## 2427	2007-01-08	38.220001	38.310001	37.169998	37.500000
37.500000					
## 2428	2007-01-09	37.599998	38.060001	37.340000	37.779999
37.779999					
## 2429	2007-01-10	37.490002	37.700001	37.070000	37.150002
37.150002					
## 2430	2007-01-11	37.169998	38.000000	37.169998	37.400002
37.400002					
## 2431	2007-01-12	37.360001	38.209999	37.270000	38.200001
38.200001					
## 2432	2007-01-16	38.400002	38.889999	37.970001	38.660000
38.660000					
## 2433	2007-01-17	38.700001	39.000000	37.779999	37.880001
37.880001					
## 2434	2007-01-18	37.500000	37.650002	36.720001	36.980000
36.980000					
## 2435	2007-01-19	36.689999	37.480000	36.599998	37.020000
37.020000					
## 2436	2007-01-22	37.650002	37.900002	36.799999	36.950001
36.950001					
## 2437	2007-01-23	36.900002	37.070000	36.299999	36.430000
36.430000					
## 2438	2007-01-24	36.509998	37.360001	36.500000	37.259998
37.259998					
## 2439	2007-01-25	38.080002	38.230000	36.779999	37.080002
37.080002					
## 2440	2007-01-26	37.259998	37.259998	36.299999	36.849998
36.849998					
## 2441	2007-01-29	36.700001	37.450001	36.540001	37.430000
37.430000					
## 2442	2007-01-30	37.290001	37.419998	36.630001	37.049999
37.049999					

## 2443	2007-01-31	36.950001	38.189999	36.759998	37.669998
		37.669998			
## 2444	2007-02-01	37.950001	39.299999	37.849998	38.700001
		38.700001			
## 2445	2007-02-02	37.230000	37.740002	36.680000	37.389999
		37.389999			
## 2446	2007-02-05	37.250000	37.419998	36.770000	37.160000
		37.160000			
## 2447	2007-02-06	37.200001	38.410000	37.080002	38.270000
		38.270000			
## 2448	2007-02-07	38.490002	39.520000	38.400002	38.980000
		38.980000			
## 2449	2007-02-08	38.950001	39.509998	38.669998	39.099998
		39.099998			
## 2450	2007-02-09	39.189999	39.310001	38.660000	38.720001
		38.720001			
## 2451	2007-02-12	38.790001	38.990002	38.360001	38.849998
		38.849998			
## 2452	2007-02-13	38.849998	39.610001	38.849998	39.310001
		39.310001			
## 2453	2007-02-14	39.230000	40.279999	39.139999	40.139999
		40.139999			
## 2454	2007-02-15	40.139999	40.320000	39.860001	40.060001
		40.060001			
## 2455	2007-02-16	39.900002	40.439999	39.869999	40.330002
		40.330002			
## 2456	2007-02-20	40.130001	41.740002	40.000000	41.509998
		41.509998			
## 2457	2007-02-21	41.189999	41.320000	40.919998	41.259998
		41.259998			
## 2458	2007-02-22	41.400002	42.000000	40.889999	41.000000
		41.000000			
## 2459	2007-02-23	41.000000	41.200001	40.740002	40.779999
		40.779999			
## 2460	2007-02-26	40.860001	41.200001	40.400002	40.880001
		40.880001			
## 2461	2007-02-27	40.189999	40.540001	38.779999	38.830002
		38.830002			
## 2462	2007-02-28	38.910000	39.580002	38.080002	39.139999
		39.139999			
## 2463	2007-03-01	39.320000	39.320000	38.049999	38.849998
		38.849998			
## 2464	2007-03-02	38.320000	38.869999	37.689999	37.689999
		37.689999			
## 2465	2007-03-05	37.150002	38.320000	37.040001	37.049999
		37.049999			
## 2466	2007-03-06	37.689999	38.660000	37.410000	38.580002
		38.580002			
## 2467	2007-03-07	38.680000	39.320000	38.279999	38.360001
		38.360001			

## 2468	2007-03-08	38.770000	39.220001	37.980000	38.099998
38.099998					
## 2469	2007-03-09	38.480000	38.889999	38.000000	38.840000
38.840000					
## 2470	2007-03-12	38.639999	39.049999	38.380001	38.810001
38.810001					
## 2471	2007-03-13	38.299999	38.880001	37.689999	37.820000
37.820000					
## 2472	2007-03-14	37.759998	38.220001	37.259998	38.080002
38.080002					
## 2473	2007-03-15	38.099998	38.290001	37.549999	37.779999
37.779999					
## 2474	2007-03-16	37.720001	38.080002	37.520000	37.849998
37.849998					
## 2475	2007-03-19	38.000000	38.540001	38.000000	38.450001
38.450001					
## 2476	2007-03-20	38.529999	38.689999	38.230000	38.580002
38.580002					
## 2477	2007-03-21	38.549999	39.799999	38.310001	39.799999
39.799999					
## 2478	2007-03-22	39.480000	39.720001	38.910000	39.490002
39.490002					
## 2479	2007-03-23	39.560001	39.599998	38.980000	38.980000
38.980000					
## 2480	2007-03-26	38.980000	39.049999	38.430000	39.009998
39.009998					
## 2481	2007-03-27	38.820000	39.419998	38.759998	39.369999
39.369999					
## 2482	2007-03-28	39.090000	39.509998	38.740002	39.340000
39.340000					
## 2483	2007-03-29	39.650002	39.919998	39.299999	39.810001
39.810001					
## 2484	2007-03-30	39.750000	40.240002	39.419998	39.790001
39.790001					
## 2485	2007-04-02	39.849998	40.470001	39.549999	40.419998
40.419998					
## 2486	2007-04-03	40.419998	41.380001	40.400002	41.189999
41.189999					
## 2487	2007-04-04	41.220001	41.549999	40.919998	41.529999
41.529999					
## 2488	2007-04-05	41.570000	41.759998	41.439999	41.680000
41.680000					
## 2489	2007-04-09	41.720001	42.139999	41.610001	41.660000
41.660000					
## 2490	2007-04-10	41.570000	41.959999	41.459999	41.860001
41.860001					
## 2491	2007-04-11	41.730000	41.869999	41.240002	41.680000
41.680000					
## 2492	2007-04-12	41.730000	42.369999	41.400002	42.270000
42.270000					

## 2493	2007-04-13	42.189999	42.500000	41.930000	42.410000
		42.410000			
## 2494	2007-04-16	43.770000	45.299999	43.669998	45.200001
		45.200001			
## 2495	2007-04-17	45.279999	45.320000	44.750000	45.070000
		45.070000			
## 2496	2007-04-18	44.799999	45.150002	44.630001	44.990002
		44.990002			
## 2497	2007-04-19	44.610001	45.150002	44.410000	44.639999
		44.639999			
## 2498	2007-04-20	45.090000	45.169998	44.520000	44.950001
		44.950001			
## 2499	2007-04-23	44.270000	44.810001	44.160000	44.770000
		44.770000			
## 2500	2007-04-24	44.750000	45.000000	44.430000	44.750000
		44.750000			
## 2501	2007-04-25	53.119999	57.180000	52.950001	56.810001
		56.810001			
## 2502	2007-04-26	56.500000	63.040001	56.070000	62.779999
		62.779999			
## 2503	2007-04-27	61.240002	63.840000	60.619999	62.599998
		62.599998			
## 2504	2007-04-30	61.910000	62.439999	61.180000	61.330002
		61.330002			
## 2505	2007-05-01	61.119999	62.040001	60.279999	62.040001
		62.040001			
## 2506	2007-05-02	61.680000	62.250000	60.900002	61.180000
		61.180000			
## 2507	2007-05-03	61.080002	62.540001	60.759998	62.189999
		62.189999			
## 2508	2007-05-04	62.389999	63.750000	62.349998	63.230000
		63.230000			
## 2509	2007-05-07	62.430000	63.230000	60.709999	60.820000
		60.820000			
## 2510	2007-05-08	60.540001	61.840000	59.700001	61.830002
		61.830002			
## 2511	2007-05-09	62.000000	62.950001	61.299999	62.849998
		62.849998			
## 2512	2007-05-10	62.439999	62.650002	60.849998	60.919998
		60.919998			
## 2513	2007-05-11	60.959999	61.599998	60.560001	61.560001
		61.560001			
## 2514	2007-05-14	61.680000	61.740002	60.599998	61.700001
		61.700001			
## 2515	2007-05-15	61.400002	61.970001	60.520000	60.580002
		60.580002			
## 2516	2007-05-16	61.020000	63.340000	60.099998	63.220001
		63.220001			
## 2517	2007-05-17	62.880001	63.520000	62.020000	62.169998
		62.169998			

## 2518	2007-05-18	62.480000	63.299999	62.279999	63.299999
63.299999					
## 2519	2007-05-21	63.580002	68.680000	63.299999	68.300003
68.300003					
## 2520	2007-05-22	68.480003	69.070000	67.209999	68.879997
68.879997					
## 2521	2007-05-23	69.209999	73.309998	68.790001	69.000000
69.000000					
## 2522	2007-05-24	69.040001	70.419998	67.709999	69.349998
69.349998					
## 2523	2007-05-25	69.690002	69.699997	68.250000	68.550003
68.550003					
## 2524	2007-05-29	68.430000	69.779999	67.720001	69.629997
69.629997					
## 2525	2007-05-30	69.059998	70.080002	68.860001	69.860001
69.860001					
## 2526	2007-05-31	70.680000	70.739998	68.570000	69.139999
69.139999					
## 2527	2007-06-01	68.900002	69.300003	68.349998	68.580002
68.580002					
## 2528	2007-06-04	68.250000	70.650002	67.650002	70.419998
70.419998					
## 2529	2007-06-05	71.099998	74.239998	70.860001	73.650002
73.650002					
## 2530	2007-06-06	73.139999	73.750000	71.860001	72.290001
72.290001					
## 2531	2007-06-07	72.570000	74.720001	70.879997	72.040001
72.040001					
## 2532	2007-06-08	72.470001	73.239998	71.050003	73.239998
73.239998					
## 2533	2007-06-11	73.000000	73.050003	71.000000	71.169998
71.169998					
## 2534	2007-06-12	70.440002	70.760002	69.419998	70.070000
70.070000					
## 2535	2007-06-13	70.900002	71.889999	69.250000	70.889999
70.889999					
## 2536	2007-06-14	70.900002	72.120003	70.800003	71.940002
71.940002					
## 2537	2007-06-15	72.849998	72.870003	71.190002	72.400002
72.400002					
## 2538	2007-06-18	72.339996	72.639999	71.400002	71.830002
71.830002					
## 2539	2007-06-19	71.550003	71.660004	69.680000	69.809998
69.809998					
## 2540	2007-06-20	70.250000	70.500000	69.050003	69.099998
69.099998					
## 2541	2007-06-21	69.160004	69.769997	68.660004	69.669998
69.669998					
## 2542	2007-06-22	69.550003	69.879997	68.419998	68.860001
68.860001					

## 2543	2007-06-25	69.349998	69.629997	68.300003	68.660004
68.660004					
## 2544	2007-06-26	68.529999	68.629997	67.379997	67.480003
67.480003					
## 2545	2007-06-27	66.959999	68.209999	66.709999	68.139999
68.139999					
## 2546	2007-06-28	68.459999	70.230003	68.150002	68.889999
68.889999					
## 2547	2007-06-29	69.029999	69.190002	68.150002	68.410004
68.410004					
## 2548	2007-07-02	68.809998	69.709999	68.199997	69.610001
69.610001					
## 2549	2007-07-03	70.040001	70.050003	69.019997	69.449997
69.449997					
## 2550	2007-07-05	69.360001	69.650002	68.059998	68.730003
68.730003					
## 2551	2007-07-06	68.750000	69.300003	68.010002	68.970001
68.970001					
## 2552	2007-07-09	69.379997	72.349998	69.019997	72.070000
72.070000					
## 2553	2007-07-10	71.650002	71.940002	70.070000	70.279999
70.279999					
## 2554	2007-07-11	70.580002	71.650002	70.150002	70.730003
70.730003					
## 2555	2007-07-12	71.309998	73.570000	70.730003	72.790001
72.790001					
## 2556	2007-07-13	73.080002	75.349998	72.970001	75.099998
75.099998					
## 2557	2007-07-16	74.730003	74.839996	73.000000	73.690002
73.690002					
## 2558	2007-07-17	74.389999	74.519997	73.589996	73.790001
73.790001					
## 2559	2007-07-18	73.269997	73.489998	72.250000	73.320000
73.320000					
## 2560	2007-07-19	74.239998	74.320000	73.120003	73.349998
73.349998					
## 2561	2007-07-20	72.620003	72.959999	70.500000	71.629997
71.629997					
## 2562	2007-07-23	71.779999	72.669998	70.849998	71.739998
71.739998					
## 2563	2007-07-24	71.040001	72.160004	68.849998	69.250000
69.250000					
## 2564	2007-07-25	84.660004	88.800003	83.650002	86.180000
86.180000					
## 2565	2007-07-26	85.019997	89.000000	83.430000	84.010002
84.010002					
## 2566	2007-07-27	84.269997	85.330002	82.480003	84.040001
84.040001					
## 2567	2007-07-30	83.000000	84.050003	81.510002	82.699997
82.699997					

## 2568	2007-07-31	83.699997	83.730003	78.000000	78.540001
78.540001					
## 2569	2007-08-01	78.099998	78.150002	75.059998	77.309998
77.309998					
## 2570	2007-08-02	77.860001	79.760002	76.120003	79.709999
79.709999					
## 2571	2007-08-03	79.540001	80.750000	76.709999	76.800003
76.800003					
## 2572	2007-08-06	77.059998	79.000000	76.599998	79.000000
79.000000					
## 2573	2007-08-07	78.550003	80.000000	77.889999	79.139999
79.139999					
## 2574	2007-08-08	79.769997	79.879997	76.559998	77.779999
77.779999					
## 2575	2007-08-09	76.400002	77.260002	74.110001	74.110001
74.110001					
## 2576	2007-08-10	73.150002	76.500000	72.370003	74.779999
74.779999					
## 2577	2007-08-13	76.089996	76.320000	74.699997	74.870003
74.870003					
## 2578	2007-08-14	74.790001	74.790001	72.919998	73.449997
73.449997					
## 2579	2007-08-15	73.019997	75.150002	72.260002	72.379997
72.379997					
## 2580	2007-08-16	72.000000	73.239998	70.050003	72.790001
72.790001					
## 2581	2007-08-17	74.489998	75.040001	73.110001	75.019997
75.019997					
## 2582	2007-08-20	74.980003	75.279999	73.800003	74.699997
74.699997					
## 2583	2007-08-21	74.209999	77.830002	74.089996	77.489998
77.489998					
## 2584	2007-08-22	78.239998	79.489998	77.839996	78.500000
78.500000					
## 2585	2007-08-23	78.940002	79.000000	76.510002	77.300003
77.300003					
## 2586	2007-08-24	76.800003	79.400002	76.690002	79.250000
79.250000					
## 2587	2007-08-27	80.559998	80.800003	78.419998	78.650002
78.650002					
## 2588	2007-08-28	77.860001	78.650002	76.080002	76.220001
76.220001					
## 2589	2007-08-29	76.959999	79.050003	76.860001	79.050003
79.050003					
## 2590	2007-08-30	78.400002	80.110001	78.300003	78.680000
78.680000					
## 2591	2007-08-31	80.000000	80.529999	79.699997	79.910004
79.910004					
## 2592	2007-09-04	79.900002	83.529999	79.730003	82.699997
82.699997					

## 2593 2007-09-05	82.239998	84.889999	82.220001	83.750000
83.750000				
## 2594 2007-09-06	84.500000	86.459999	82.849998	86.209999
86.209999				
## 2595 2007-09-07	84.699997	84.970001	83.209999	84.519997
84.519997				
## 2596 2007-09-10	84.930000	85.160004	82.510002	83.339996
83.339996				
## 2597 2007-09-11	84.169998	86.610001	83.529999	86.279999
86.279999				
## 2598 2007-09-12	86.070000	88.889999	85.970001	87.300003
87.300003				
## 2599 2007-09-13	87.949997	88.070000	86.500000	87.260002
87.260002				
## 2600 2007-09-14	86.410004	88.089996	86.309998	87.769997
87.769997				
## 2601 2007-09-17	86.980003	87.339996	85.980003	86.910004
86.910004				
## 2602 2007-09-18	87.379997	91.599998	86.709999	88.750000
88.750000				
## 2603 2007-09-19	89.519997	89.820000	88.260002	89.000000
89.000000				
## 2604 2007-09-20	88.900002	90.419998	88.820000	89.650002
89.650002				
## 2605 2007-09-21	90.290001	91.900002	89.650002	91.300003
91.300003				
## 2606 2007-09-24	91.300003	93.750000	90.809998	92.589996
92.589996				
## 2607 2007-09-25	91.989998	93.500000	90.949997	93.480003
93.480003				
## 2608 2007-09-26	94.040001	94.260002	92.290001	93.430000
93.430000				
## 2609 2007-09-27	94.070000	94.110001	93.110001	93.379997
93.379997				
## 2610 2007-09-28	92.769997	93.599998	91.699997	93.150002
93.150002				
## 2611 2007-10-01	93.419998	94.099998	92.830002	93.410004
93.410004				
## 2612 2007-10-02	93.860001	93.900002	91.400002	92.360001
92.360001				
## 2613 2007-10-03	92.190002	92.800003	91.779999	92.459999
92.459999				
## 2614 2007-10-04	92.550003	92.570000	91.449997	92.260002
92.260002				
## 2615 2007-10-05	93.550003	93.709999	92.339996	93.430000
93.430000				
## 2616 2007-10-08	94.220001	95.849998	94.000000	95.849998
95.849998				
## 2617 2007-10-09	96.589996	96.730003	94.750000	95.320000
95.320000				

## 2618	2007-10-10	95.500000	95.750000	94.370003	94.660004
94.660004					
## 2619	2007-10-11	95.330002	95.739998	88.129997	89.339996
89.339996					
## 2620	2007-10-12	89.419998	92.389999	88.919998	92.370003
92.370003					
## 2621	2007-10-15	91.800003	92.120003	90.099998	90.529999
90.529999					
## 2622	2007-10-16	88.690002	90.050003	88.500000	89.529999
89.529999					
## 2623	2007-10-17	91.900002	91.900002	89.059998	90.550003
90.550003					
## 2624	2007-10-18	89.370003	90.430000	89.150002	89.849998
89.849998					
## 2625	2007-10-19	89.930000	90.650002	89.320000	89.760002
89.760002					
## 2626	2007-10-22	89.250000	91.690002	89.019997	91.290001
91.290001					
## 2627	2007-10-23	95.279999	101.089996	94.209999	100.820000
100.820000					
## 2628	2007-10-24	90.870003	90.879997	83.269997	88.730003
88.730003					
## 2629	2007-10-25	88.230003	89.500000	86.320000	88.209999
88.209999					
## 2630	2007-10-26	89.000000	90.879997	87.699997	90.000000
90.000000					
## 2631	2007-10-29	90.410004	91.470001	89.480003	90.099998
90.099998					
## 2632	2007-10-30	89.669998	90.650002	88.050003	88.239998
88.239998					
## 2633	2007-10-31	88.050003	89.599998	87.000000	89.150002
89.150002					
## 2634	2007-11-01	87.750000	89.580002	86.500000	87.650002
87.650002					
## 2635	2007-11-02	87.970001	88.120003	83.500000	85.980003
85.980003					
## 2636	2007-11-05	84.349998	86.019997	82.760002	84.370003
84.370003					
## 2637	2007-11-06	84.610001	87.500000	84.370003	87.269997
87.269997					
## 2638	2007-11-07	86.410004	89.160004	86.160004	87.040001
87.040001					
## 2639	2007-11-08	86.800003	86.959999	81.400002	83.580002
83.580002					
## 2640	2007-11-09	82.419998	82.419998	78.839996	78.889999
78.889999					
## 2641	2007-11-12	78.260002	80.089996	76.500000	77.000000
77.000000					
## 2642	2007-11-13	77.910004	80.050003	77.800003	79.860001
79.860001					

## 2643 2007-11-14	80.400002	81.150002	78.150002	78.510002
78.510002				
## 2644 2007-11-15	79.430000	79.730003	76.699997	77.849998
77.849998				
## 2645 2007-11-16	77.010002	78.989998	76.629997	78.599998
78.599998				
## 2646 2007-11-19	78.830002	79.750000	77.940002	79.180000
79.180000				
## 2647 2007-11-20	79.860001	82.000000	78.309998	80.389999
80.389999				
## 2648 2007-11-21	79.239998	80.860001	78.650002	79.760002
79.760002				
## 2649 2007-11-23	80.110001	81.449997	78.980003	81.430000
81.430000				
## 2650 2007-11-26	82.300003	84.489998	81.139999	81.300003
81.300003				
## 2651 2007-11-27	82.919998	85.650002	82.209999	85.589996
85.589996				
## 2652 2007-11-28	87.550003	90.570000	86.750000	90.300003
90.300003				
## 2653 2007-11-29	89.889999	91.470001	88.680000	89.150002
89.150002				
## 2654 2007-11-30	90.559998	91.080002	88.309998	90.559998
90.559998				
## 2655 2007-12-03	90.029999	92.250000	89.769997	90.910004
90.910004				
## 2656 2007-12-04	90.040001	94.559998	90.040001	94.410004
94.410004				
## 2657 2007-12-05	94.989998	94.989998	91.980003	93.190002
93.190002				
## 2658 2007-12-06	93.279999	95.000000	92.830002	94.209999
94.209999				
## 2659 2007-12-07	94.559998	94.680000	92.910004	94.309998
94.309998				
## 2660 2007-12-10	94.309998	94.349998	92.300003	93.019997
93.019997				
## 2661 2007-12-11	93.099998	95.940002	90.750000	90.750000
90.750000				
## 2662 2007-12-12	92.839996	93.750000	89.320000	91.279999
91.279999				
## 2663 2007-12-13	91.050003	93.000000	90.629997	92.400002
92.400002				
## 2664 2007-12-14	90.769997	91.239998	88.930000	89.080002
89.080002				
## 2665 2007-12-17	89.010002	89.059998	84.989998	85.089996
85.089996				
## 2666 2007-12-18	85.830002	87.459999	83.860001	86.889999
86.889999				
## 2667 2007-12-19	86.940002	89.949997	86.830002	89.379997
89.379997				

## 2668	2007-12-20	90.139999	90.750000	89.089996	90.580002
90.580002					
## 2669	2007-12-21	91.470001	92.279999	90.389999	91.260002
91.260002					
## 2670	2007-12-24	91.050003	91.559998	90.300003	91.010002
91.010002					
## 2671	2007-12-26	91.480003	93.940002	90.500000	92.849998
92.849998					
## 2672	2007-12-27	92.669998	95.290001	92.500000	94.250000
94.250000					
## 2673	2007-12-28	95.269997	95.900002	92.099998	94.449997
94.449997					
## 2674	2007-12-31	93.809998	94.370003	92.449997	92.639999
92.639999					
## 2675	2008-01-02	95.349998	97.430000	94.699997	96.250000
96.250000					
## 2676	2008-01-03	96.059998	97.250000	94.519997	95.209999
95.209999					
## 2677	2008-01-04	93.260002	93.400002	88.500000	88.790001
88.790001					
## 2678	2008-01-07	88.620003	90.570000	85.470001	88.820000
88.820000					
## 2679	2008-01-08	87.550003	91.830002	86.930000	87.879997
87.879997					
## 2680	2008-01-09	87.559998	87.800003	80.239998	85.220001
85.220001					
## 2681	2008-01-10	83.980003	85.970001	82.970001	84.260002
84.260002					
## 2682	2008-01-11	84.029999	84.029999	80.290001	81.080002
81.080002					
## 2683	2008-01-14	82.180000	83.320000	78.870003	82.870003
82.870003					
## 2684	2008-01-15	80.489998	81.010002	78.510002	80.239998
80.239998					
## 2685	2008-01-16	79.580002	82.360001	78.440002	80.349998
80.349998					
## 2686	2008-01-17	80.160004	82.250000	79.540001	80.120003
80.120003					
## 2687	2008-01-18	79.930000	82.309998	78.040001	79.760002
79.760002					
## 2688	2008-01-22	73.580002	79.720001	72.220001	78.480003
78.480003					
## 2689	2008-01-23	75.599998	76.800003	69.949997	73.970001
73.970001					
## 2690	2008-01-24	74.529999	77.879997	74.190002	77.669998
77.669998					
## 2691	2008-01-25	78.690002	81.430000	76.330002	77.599998
77.599998					
## 2692	2008-01-28	76.910004	77.400002	74.339996	75.820000
75.820000					

## 2693	2008-01-29	75.769997	75.900002	72.059998	73.949997
73.949997					
## 2694	2008-01-30	73.540001	77.419998	73.250000	74.209999
74.209999					
## 2695	2008-01-31	68.910004	78.870003	68.839996	77.699997
77.699997					
## 2696	2008-02-01	79.019997	79.400002	73.370003	74.629997
74.629997					
## 2697	2008-02-04	74.500000	76.660004	73.900002	73.949997
73.949997					
## 2698	2008-02-05	72.800003	74.209999	72.000000	72.089996
72.089996					
## 2699	2008-02-06	72.300003	72.430000	68.169998	68.489998
68.489998					
## 2700	2008-02-07	67.370003	72.709999	67.220001	70.910004
70.910004					
## 2701	2008-02-08	73.400002	74.599998	72.519997	73.500000
73.500000					
## 2702	2008-02-11	73.139999	75.959999	72.769997	75.190002
75.190002					
## 2703	2008-02-12	75.430000	77.050003	73.790001	74.449997
74.449997					
## 2704	2008-02-13	74.989998	78.849998	73.269997	77.730003
77.730003					
## 2705	2008-02-14	77.730003	77.879997	75.180000	75.800003
75.800003					
## 2706	2008-02-15	75.000000	75.190002	71.940002	72.959999
72.959999					
## 2707	2008-02-19	73.540001	74.000000	71.550003	72.080002
72.080002					
## 2708	2008-02-20	71.900002	73.879997	71.099998	73.639999
73.639999					
## 2709	2008-02-21	73.940002	74.209999	69.370003	69.900002
69.900002					
## 2710	2008-02-22	70.540001	72.209999	69.860001	72.080002
72.080002					
## 2711	2008-02-25	72.349998	73.500000	71.410004	73.269997
73.269997					
## 2712	2008-02-26	71.910004	73.500000	70.279999	71.690002
71.690002					
## 2713	2008-02-27	70.680000	71.480003	69.570000	70.870003
70.870003					
## 2714	2008-02-28	70.300003	70.599998	67.110001	67.849998
67.849998					
## 2715	2008-02-29	67.010002	67.500000	63.970001	64.470001
64.470001					
## 2716	2008-03-03	63.590000	64.489998	61.200001	62.430000
62.430000					
## 2717	2008-03-04	61.669998	66.599998	61.230000	65.339996
65.339996					

## 2718 2008-03-05	65.660004	66.339996	63.820000	64.989998
64.989998				
## 2719 2008-03-06	64.750000	65.459999	62.500000	62.740002
62.740002				
## 2720 2008-03-07	62.200001	64.870003	62.009998	64.089996
64.089996				
## 2721 2008-03-10	63.900002	65.150002	62.910000	63.470001
63.470001				
## 2722 2008-03-11	65.949997	67.169998	63.709999	67.150002
67.150002				
## 2723 2008-03-12	66.769997	68.230003	65.639999	66.510002
66.510002				
## 2724 2008-03-13	65.110001	69.550003	64.370003	68.320000
68.320000				
## 2725 2008-03-14	68.610001	70.680000	66.059998	68.220001
68.220001				
## 2726 2008-03-17	65.720001	67.790001	64.919998	66.529999
66.529999				
## 2727 2008-03-18	68.250000	71.930000	67.589996	71.699997
71.699997				
## 2728 2008-03-19	71.099998	74.000000	70.169998	70.169998
70.169998				
## 2729 2008-03-20	70.169998	73.489998	69.379997	73.190002
73.190002				
## 2730 2008-03-24	73.820000	76.930000	72.750000	75.949997
75.949997				
## 2731 2008-03-25	75.830002	76.290001	74.050003	75.169998
75.169998				
## 2732 2008-03-26	74.139999	75.120003	73.239998	73.800003
73.800003				
## 2733 2008-03-27	74.370003	74.690002	70.800003	70.800003
70.800003				
## 2734 2008-03-28	71.000000	72.209999	69.260002	69.760002
69.760002				
## 2735 2008-03-31	70.250000	71.639999	69.629997	71.300003
71.300003				
## 2736 2008-04-01	72.989998	77.089996	72.760002	76.699997
76.699997				
## 2737 2008-04-02	77.080002	79.000000	76.120003	77.370003
77.370003				
## 2738 2008-04-03	75.150002	76.010002	73.809998	74.940002
74.940002				
## 2739 2008-04-04	75.260002	77.830002	74.279999	76.870003
76.870003				
## 2740 2008-04-07	77.360001	78.430000	76.000000	76.900002
76.900002				
## 2741 2008-04-08	76.400002	77.610001	75.500000	77.300003
77.300003				
## 2742 2008-04-09	76.559998	76.669998	73.660004	74.389999
74.389999				

## 2743 2008-04-10	74.480003	75.489998	72.730003	74.830002
74.830002				
## 2744 2008-04-11	73.839996	74.300003	71.620003	71.989998
71.989998				
## 2745 2008-04-14	71.699997	74.000000	71.290001	72.610001
72.610001				
## 2746 2008-04-15	72.970001	73.980003	70.650002	72.500000
72.500000				
## 2747 2008-04-16	73.019997	75.000000	72.940002	74.589996
74.589996				
## 2748 2008-04-17	74.180000	75.019997	73.610001	74.040001
74.040001				
## 2749 2008-04-18	76.480003	82.000000	76.320000	80.099998
80.099998				
## 2750 2008-04-21	80.029999	81.339996	79.059998	80.180000
80.180000				
## 2751 2008-04-22	79.940002	79.940002	77.540001	79.599998
79.599998				
## 2752 2008-04-23	80.300003	82.639999	78.739998	81.000000
81.000000				
## 2753 2008-04-24	77.709999	80.529999	76.930000	77.690002
77.690002				
## 2754 2008-04-25	77.809998	81.320000	77.260002	80.860001
80.860001				
## 2755 2008-04-28	80.639999	82.500000	80.120003	81.970001
81.970001				
## 2756 2008-04-29	81.419998	81.769997	79.860001	80.739998
80.739998				
## 2757 2008-04-30	80.900002	81.339996	77.919998	78.629997
78.629997				
## 2758 2008-05-01	78.400002	80.010002	77.970001	79.360001
79.360001				
## 2759 2008-05-02	80.300003	81.199997	76.400002	77.309998
77.309998				
## 2760 2008-05-05	77.269997	77.769997	75.870003	75.919998
75.919998				
## 2761 2008-05-06	75.510002	76.769997	75.050003	75.709999
75.709999				
## 2762 2008-05-07	75.260002	76.639999	73.089996	73.180000
73.180000				
## 2763 2008-05-08	73.730003	74.160004	71.559998	72.790001
72.790001				
## 2764 2008-05-09	72.199997	73.339996	71.660004	72.410004
72.410004				
## 2765 2008-05-12	73.000000	74.930000	71.779999	74.529999
74.529999				
## 2766 2008-05-13	74.570000	74.959999	73.309998	74.559998
74.559998				
## 2767 2008-05-14	74.919998	75.750000	73.980003	74.199997
74.199997				

## 2768 2008-05-15	73.889999	76.320000	73.550003	76.120003
76.120003				
## 2769 2008-05-16	76.419998	76.830002	74.860001	76.459999
76.459999				
## 2770 2008-05-19	79.010002	84.750000	78.860001	82.290001
82.290001				
## 2771 2008-05-20	82.169998	82.699997	80.029999	80.720001
80.720001				
## 2772 2008-05-21	80.370003	81.150002	77.500000	78.300003
78.300003				
## 2773 2008-05-22	78.680000	79.690002	78.000000	79.260002
79.260002				
## 2774 2008-05-23	78.550003	78.870003	77.430000	78.349998
78.349998				
## 2775 2008-05-27	78.260002	80.900002	77.970001	80.620003
80.620003				
## 2776 2008-05-28	80.730003	80.790001	78.989998	80.080002
80.080002				
## 2777 2008-05-29	80.610001	81.959999	80.169998	80.349998
80.349998				
## 2778 2008-05-30	80.580002	81.769997	80.300003	81.620003
81.620003				
## 2779 2008-06-02	81.150002	81.570000	80.050003	80.230003
80.230003				
## 2780 2008-06-03	80.709999	81.889999	79.260002	80.110001
80.110001				
## 2781 2008-06-04	80.110001	81.820000	79.720001	81.500000
81.500000				
## 2782 2008-06-05	82.110001	84.879997	81.800003	84.510002
84.510002				
## 2783 2008-06-06	83.239998	83.639999	80.559998	80.629997
80.629997				
## 2784 2008-06-09	81.190002	81.529999	78.120003	79.430000
79.430000				
## 2785 2008-06-10	78.199997	81.040001	78.199997	79.620003
79.620003				
## 2786 2008-06-11	79.349998	80.000000	77.029999	77.279999
77.279999				
## 2787 2008-06-12	78.019997	79.050003	75.010002	76.150002
76.150002				
## 2788 2008-06-13	76.699997	80.000000	76.699997	79.169998
79.169998				
## 2789 2008-06-16	78.419998	82.529999	78.410004	81.699997
81.699997				
## 2790 2008-06-17	83.150002	84.300003	82.800003	82.970001
82.970001				
## 2791 2008-06-18	82.000000	83.169998	81.320000	82.519997
82.519997				
## 2792 2008-06-19	82.209999	84.470001	81.500000	84.260002
84.260002				

## 2793	2008-06-20	83.099998	83.459999	80.510002	81.099998
81.099998					
## 2794	2008-06-23	81.300003	82.150002	79.550003	80.680000
80.680000					
## 2795	2008-06-24	79.550003	80.790001	77.629997	79.639999
79.639999					
## 2796	2008-06-25	80.449997	82.150002	79.519997	80.510002
80.510002					
## 2797	2008-06-26	79.099998	79.889999	76.000000	76.300003
76.300003					
## 2798	2008-06-27	75.589996	76.070000	72.620003	74.660004
74.660004					
## 2799	2008-06-30	75.029999	76.120003	73.209999	73.330002
73.330002					
## 2800	2008-07-01	72.239998	74.230003	70.519997	73.620003
73.620003					
## 2801	2008-07-02	74.160004	74.410004	71.379997	71.440002
71.440002					
## 2802	2008-07-03	72.510002	73.839996	70.519997	72.000000
72.000000					
## 2803	2008-07-07	72.370003	74.400002	70.760002	72.489998
72.489998					
## 2804	2008-07-08	72.379997	75.489998	71.750000	75.040001
75.040001					
## 2805	2008-07-09	74.559998	74.900002	70.480003	70.610001
70.610001					
## 2806	2008-07-10	70.699997	71.769997	67.989998	70.629997
70.629997					
## 2807	2008-07-11	69.400002	69.989998	66.739998	68.540001
68.540001					
## 2808	2008-07-14	69.309998	69.500000	65.589996	66.279999
66.279999					
## 2809	2008-07-15	65.870003	68.620003	62.990002	67.029999
67.029999					
## 2810	2008-07-16	66.940002	72.750000	66.839996	71.839996
71.839996					
## 2811	2008-07-17	71.199997	72.379997	67.739998	72.110001
72.110001					
## 2812	2008-07-18	69.940002	70.839996	68.400002	69.120003
69.120003					
## 2813	2008-07-21	69.519997	69.800003	66.300003	68.480003
68.480003					
## 2814	2008-07-22	67.089996	69.139999	65.879997	67.970001
67.970001					
## 2815	2008-07-23	67.459999	72.070000	67.459999	70.540001
70.540001					
## 2816	2008-07-24	76.300003	82.379997	76.290001	78.720001
78.720001					
## 2817	2008-07-25	79.629997	80.940002	78.120003	78.309998
78.309998					

## 2818	2008-07-28	77.089996	78.309998	74.860001	75.980003
75.980003					
## 2819	2008-07-29	76.489998	78.800003	76.160004	78.209999
78.209999					
## 2820	2008-07-30	78.360001	79.849998	76.419998	78.209999
78.209999					
## 2821	2008-07-31	76.750000	78.169998	76.099998	76.339996
76.339996					
## 2822	2008-08-01	76.360001	76.489998	74.050003	75.750000
75.750000					
## 2823	2008-08-04	75.989998	77.300003	75.010002	75.709999
75.709999					
## 2824	2008-08-05	76.919998	79.519997	76.519997	79.110001
79.110001					
## 2825	2008-08-06	78.550003	78.629997	76.730003	78.089996
78.089996					
## 2826	2008-08-07	77.010002	78.050003	76.000000	76.949997
76.949997					
## 2827	2008-08-08	76.779999	81.209999	76.290001	80.510002
80.510002					
## 2828	2008-08-11	80.180000	91.750000	79.779999	88.089996
88.089996					
## 2829	2008-08-12	87.320000	88.480003	86.099998	87.250000
87.250000					
## 2830	2008-08-13	86.279999	88.250000	84.540001	86.690002
86.690002					
## 2831	2008-08-14	85.709999	88.750000	85.220001	88.029999
88.029999					
## 2832	2008-08-15	88.279999	89.529999	86.260002	86.400002
86.400002					
## 2833	2008-08-18	86.089996	86.279999	83.040001	83.110001
83.110001					
## 2834	2008-08-19	83.089996	83.510002	81.059998	81.290001
81.290001					
## 2835	2008-08-20	82.000000	83.250000	81.199997	82.129997
82.129997					
## 2836	2008-08-21	81.410004	83.769997	80.980003	83.260002
83.260002					
## 2837	2008-08-22	84.269997	85.459999	83.930000	85.260002
85.260002					
## 2838	2008-08-25	84.629997	84.639999	82.449997	82.849998
82.849998					
## 2839	2008-08-26	82.739998	83.120003	81.250000	81.760002
81.760002					
## 2840	2008-08-27	81.440002	82.739998	81.000000	81.730003
81.730003					
## 2841	2008-08-28	82.209999	83.650002	81.800003	83.419998
83.419998					
## 2842	2008-08-29	82.900002	82.900002	80.500000	80.809998
80.809998					

## 2843 2008-09-02	83.160004	84.500000	81.209999	81.410004
81.410004				
## 2844 2008-09-03	81.400002	82.000000	80.019997	80.769997
80.769997				
## 2845 2008-09-04	80.599998	80.809998	78.019997	78.029999
78.029999				
## 2846 2008-09-05	77.339996	80.720001	77.080002	79.190002
79.190002				
## 2847 2008-09-08	82.250000	83.750000	78.849998	81.160004
81.160004				
## 2848 2008-09-09	80.760002	81.959999	78.989998	79.040001
79.040001				
## 2849 2008-09-10	80.010002	80.220001	76.150002	76.739998
76.739998				
## 2850 2008-09-11	75.269997	79.800003	75.099998	79.510002
79.510002				
## 2851 2008-09-12	78.809998	79.599998	76.620003	78.300003
78.300003				
## 2852 2008-09-15	76.860001	79.879997	76.300003	77.339996
77.339996				
## 2853 2008-09-16	76.800003	79.629997	76.669998	78.730003
78.730003				
## 2854 2008-09-17	77.680000	78.239998	71.239998	71.540001
71.540001				
## 2855 2008-09-18	73.080002	77.500000	70.080002	76.500000
76.500000				
## 2856 2008-09-19	80.120003	86.769997	76.500000	81.000000
81.000000				
## 2857 2008-09-22	81.129997	81.629997	74.320000	74.930000
74.930000				
## 2858 2008-09-23	75.790001	76.290001	70.769997	71.760002
71.760002				
## 2859 2008-09-24	72.300003	73.650002	68.940002	69.959999
69.959999				
## 2860 2008-09-25	70.660004	72.750000	70.010002	72.080002
72.080002				
## 2861 2008-09-26	69.519997	71.050003	68.080002	70.699997
70.699997				
## 2862 2008-09-29	68.410004	69.370003	61.320000	63.349998
63.349998				
## 2863 2008-09-30	65.839996	73.120003	65.320000	72.760002
72.760002				
## 2864 2008-10-01	71.779999	71.989998	68.410004	69.580002
69.580002				
## 2865 2008-10-02	67.629997	68.959999	65.410004	67.360001
67.360001				
## 2866 2008-10-03	69.419998	70.949997	66.589996	67.000000
67.000000				
## 2867 2008-10-06	64.059998	65.889999	60.470001	65.230003
65.230003				

## 2868	2008-10-07	65.790001	66.430000	58.500000	58.520000
58.520000					
## 2869	2008-10-08	55.639999	62.750000	55.349998	61.020000
61.020000					
## 2870	2008-10-09	61.970001	63.500000	56.000000	56.000000
56.000000					
## 2871	2008-10-10	52.990002	59.750000	51.049999	56.250000
56.250000					
## 2872	2008-10-13	58.959999	62.209999	57.369999	62.020000
62.020000					
## 2873	2008-10-14	63.500000	64.000000	54.799999	55.860001
55.860001					
## 2874	2008-10-15	54.459999	54.689999	48.349998	48.720001
48.720001					
## 2875	2008-10-16	46.400002	50.700001	43.389999	50.290001
50.290001					
## 2876	2008-10-17	48.830002	62.330002	48.410000	50.650002
50.650002					
## 2877	2008-10-20	52.169998	53.099998	49.910000	52.970001
52.970001					
## 2878	2008-10-21	51.860001	52.950001	49.919998	50.230000
50.230000					
## 2879	2008-10-22	50.049999	52.470001	47.900002	49.990002
49.990002					
## 2880	2008-10-23	43.369999	50.910000	43.310001	50.320000
50.320000					
## 2881	2008-10-24	44.750000	52.320000	44.500000	48.959999
48.959999					
## 2882	2008-10-27	49.000000	52.590000	48.430000	49.580002
49.580002					
## 2883	2008-10-28	51.500000	56.299999	49.070000	56.040001
56.040001					
## 2884	2008-10-29	55.529999	59.790001	54.520000	56.889999
56.889999					
## 2885	2008-10-30	58.759998	59.889999	55.080002	56.709999
56.709999					
## 2886	2008-10-31	56.009998	57.250000	55.009998	57.240002
57.240002					
## 2887	2008-11-03	56.349998	57.250000	55.020000	55.770000
55.770000					
## 2888	2008-11-04	57.160000	58.730000	55.220001	58.450001
58.450001					
## 2889	2008-11-05	57.470001	58.000000	51.619999	51.980000
51.980000					
## 2890	2008-11-06	49.799999	51.040001	46.299999	47.220001
47.220001					
## 2891	2008-11-07	47.759998	49.790001	47.009998	49.209999
49.209999					
## 2892	2008-11-10	49.980000	50.680000	46.860001	48.459999
48.459999					

## 2893	2008-11-11	47.099998	48.060001	44.810001	46.299999
46.299999					
## 2894	2008-11-12	43.990002	45.439999	40.900002	41.560001
41.560001					
## 2895	2008-11-13	41.400002	45.000000	38.480000	44.930000
44.930000					
## 2896	2008-11-14	43.610001	44.500000	41.500000	41.750000
41.750000					
## 2897	2008-11-17	39.910000	41.259998	39.070000	39.689999
39.689999					
## 2898	2008-11-18	39.730000	40.660000	36.080002	38.439999
38.439999					
## 2899	2008-11-19	37.970001	39.000000	35.750000	35.840000
35.840000					
## 2900	2008-11-20	35.290001	39.720001	34.680000	35.029999
35.029999					
## 2901	2008-11-21	36.389999	39.000000	35.720001	37.869999
37.869999					
## 2902	2008-11-24	38.790001	43.439999	38.700001	42.500000
42.500000					
## 2903	2008-11-25	42.090000	42.889999	39.610001	42.189999
42.189999					
## 2904	2008-11-26	40.869999	44.000000	40.290001	43.959999
43.959999					
## 2905	2008-11-28	44.029999	44.099998	42.220001	42.700001
42.700001					
## 2906	2008-12-01	42.000000	43.259998	40.380001	40.470001
40.470001					
## 2907	2008-12-02	41.389999	41.709999	38.820000	41.189999
41.189999					
## 2908	2008-12-03	40.160000	45.880001	40.049999	45.209999
45.209999					
## 2909	2008-12-04	45.939999	50.500000	45.750000	47.320000
47.320000					
## 2910	2008-12-05	45.889999	48.490002	43.299999	48.259998
48.259998					
## 2911	2008-12-08	49.150002	52.139999	47.360001	51.410000
51.410000					
## 2912	2008-12-09	49.810001	54.480000	49.700001	51.250000
51.250000					
## 2913	2008-12-10	51.459999	51.500000	48.340000	49.700001
49.700001					
## 2914	2008-12-11	49.330002	50.490002	48.169998	48.250000
48.250000					
## 2915	2008-12-12	47.520000	51.380001	47.520000	51.250000
51.250000					
## 2916	2008-12-15	50.650002	50.950001	48.150002	48.849998
48.849998					
## 2917	2008-12-16	49.619999	52.959999	49.290001	52.630001
52.630001					

## 2918	2008-12-17	52.259998	54.770000	51.529999	53.180000
53.180000					
## 2919	2008-12-18	53.000000	54.849998	51.200001	52.080002
52.080002					
## 2920	2008-12-19	51.590000	52.990002	50.919998	51.560001
51.560001					
## 2921	2008-12-22	51.599998	52.150002	48.470001	49.840000
49.840000					
## 2922	2008-12-23	50.119999	51.610001	50.119999	51.080002
51.080002					
## 2923	2008-12-24	51.660000	51.950001	51.009998	51.439999
51.439999					
## 2924	2008-12-26	53.790001	53.950001	51.549999	51.779999
51.779999					
## 2925	2008-12-29	51.430000	51.770000	48.560001	49.400002
49.400002					
## 2926	2008-12-30	49.509998	51.209999	48.740002	50.759998
50.759998					
## 2927	2008-12-31	50.740002	51.689999	49.910000	51.279999
51.279999					
## 2928	2009-01-02	51.349998	54.529999	51.070000	54.360001
54.360001					
## 2929	2009-01-05	55.730000	55.740002	53.029999	54.060001
54.060001					
## 2930	2009-01-06	54.549999	58.220001	53.750000	57.360001
57.360001					
## 2931	2009-01-07	56.290001	56.950001	55.349998	56.200001
56.200001					
## 2932	2009-01-08	54.990002	57.320000	54.580002	57.160000
57.160000					
## 2933	2009-01-09	56.919998	57.000000	54.700001	55.509998
55.509998					
## 2934	2009-01-12	54.119999	54.299999	50.869999	51.919998
51.919998					
## 2935	2009-01-13	50.959999	53.290001	50.750000	51.450001
51.450001					
## 2936	2009-01-14	50.099998	50.099998	48.139999	48.490002
48.490002					
## 2937	2009-01-15	48.560001	52.230000	47.630001	51.439999
51.439999					
## 2938	2009-01-16	51.799999	52.330002	49.529999	51.590000
51.590000					
## 2939	2009-01-20	50.750000	51.700001	48.270000	48.439999
48.439999					
## 2940	2009-01-21	49.310001	50.689999	48.250000	50.540001
50.540001					
## 2941	2009-01-22	49.419998	50.880001	48.259998	49.939999
49.939999					
## 2942	2009-01-23	48.900002	51.419998	48.450001	50.630001
50.630001					

## 2943	2009-01-26	50.180000	50.889999	48.520000	49.630001
49.630001					
## 2944	2009-01-27	49.299999	50.419998	47.720001	48.439999
48.439999					
## 2945	2009-01-28	49.720001	51.490002	48.970001	50.360001
50.360001					
## 2946	2009-01-29	49.959999	51.849998	49.139999	50.000000
50.000000					
## 2947	2009-01-30	57.360001	59.740002	57.240002	58.820000
58.820000					
## 2948	2009-02-02	58.570000	62.000000	58.130001	61.150002
61.150002					
## 2949	2009-02-03	60.869999	64.199997	60.000000	63.590000
63.590000					
## 2950	2009-02-04	63.380001	63.439999	60.830002	61.060001
61.060001					
## 2951	2009-02-05	61.150002	63.810001	60.630001	63.180000
63.180000					
## 2952	2009-02-06	63.180000	67.000000	63.180000	66.550003
66.550003					
## 2953	2009-02-09	66.559998	67.360001	65.379997	66.709999
66.709999					
## 2954	2009-02-10	66.150002	67.230003	63.070000	63.310001
63.310001					
## 2955	2009-02-11	63.099998	64.900002	62.250000	64.349998
64.349998					
## 2956	2009-02-12	63.250000	64.250000	61.709999	63.959999
63.959999					
## 2957	2009-02-13	63.970001	64.680000	62.869999	63.259998
63.259998					
## 2958	2009-02-17	61.669998	62.650002	61.180000	61.669998
61.669998					
## 2959	2009-02-18	62.270000	62.779999	60.520000	62.349998
62.349998					
## 2960	2009-02-19	62.840000	64.180000	61.669998	61.950001
61.950001					
## 2961	2009-02-20	61.070000	64.150002	60.840000	63.860001
63.860001					
## 2962	2009-02-23	64.160004	64.910004	61.520000	61.709999
61.709999					
## 2963	2009-02-24	61.970001	66.099998	61.889999	65.599998
65.599998					
## 2964	2009-02-25	64.900002	65.750000	62.820000	63.709999
63.709999					
## 2965	2009-02-26	64.120003	64.730003	62.340000	62.340000
62.340000					
## 2966	2009-02-27	61.259998	65.080002	60.939999	64.790001
64.790001					
## 2967	2009-03-02	63.939999	65.519997	61.509998	61.990002
61.990002					

## 2968 2009-03-03	62.750000	63.290001	61.299999	61.700001
61.700001				
## 2969 2009-03-04	62.799999	65.790001	62.400002	64.809998
64.809998				
## 2970 2009-03-05	64.120003	65.800003	63.599998	64.769997
64.769997				
## 2971 2009-03-06	65.199997	65.500000	59.820000	61.689999
61.689999				
## 2972 2009-03-09	62.200001	64.029999	60.150002	60.490002
60.490002				
## 2973 2009-03-10	62.490002	65.900002	61.779999	65.709999
65.709999				
## 2974 2009-03-11	66.239998	69.370003	65.269997	68.540001
68.540001				
## 2975 2009-03-12	68.349998	69.870003	67.250000	69.580002
69.580002				
## 2976 2009-03-13	69.639999	69.739998	67.529999	68.629997
68.629997				
## 2977 2009-03-16	68.559998	69.290001	66.680000	66.980003
66.980003				
## 2978 2009-03-17	67.370003	71.709999	67.000000	71.349998
71.349998				
## 2979 2009-03-18	70.970001	73.910004	70.129997	71.250000
71.250000				
## 2980 2009-03-19	71.400002	71.910004	69.239998	70.099998
70.099998				
## 2981 2009-03-20	70.389999	70.889999	69.080002	69.959999
69.959999				
## 2982 2009-03-23	71.360001	75.610001	70.699997	75.580002
75.580002				
## 2983 2009-03-24	74.849998	75.000000	72.309998	72.809998
72.809998				
## 2984 2009-03-25	73.089996	73.949997	69.839996	72.400002
72.400002				
## 2985 2009-03-26	73.470001	74.980003	72.639999	73.690002
73.690002				
## 2986 2009-03-27	71.610001	72.290001	70.099998	70.519997
70.519997				
## 2987 2009-03-30	70.400002	71.669998	69.750000	71.440002
71.440002				
## 2988 2009-03-31	72.610001	74.500000	72.120003	73.440002
73.440002				
## 2989 2009-04-01	73.019997	75.089996	71.709999	73.500000
73.500000				
## 2990 2009-04-02	73.629997	77.239998	73.440002	76.339996
76.339996				
## 2991 2009-04-03	76.419998	78.320000	75.500000	78.169998
78.169998				
## 2992 2009-04-06	77.260002	78.360001	76.000000	77.989998
77.989998				

## 2993	2009-04-07	76.970001	77.080002	74.879997	75.510002
75.510002					
## 2994	2009-04-08	75.930000	77.110001	74.570000	76.980003
76.980003					
## 2995	2009-04-09	77.510002	80.000000	77.260002	79.769997
79.769997					
## 2996	2009-04-13	79.839996	79.970001	77.849998	78.940002
78.940002					
## 2997	2009-04-14	78.000000	79.459999	76.940002	77.220001
77.220001					
## 2998	2009-04-15	75.500000	75.809998	73.510002	74.709999
74.709999					
## 2999	2009-04-16	75.330002	77.480003	75.160004	77.250000
77.250000					
## 3000	2009-04-17	76.779999	78.720001	75.879997	78.050003
78.050003					
## 3001	2009-04-20	78.440002	79.790001	76.830002	77.570000
77.570000					
## 3002	2009-04-21	77.330002	79.099998	77.290001	78.739998
78.739998					
## 3003	2009-04-22	78.169998	82.180000	77.809998	79.199997
79.199997					
## 3004	2009-04-23	81.330002	82.059998	79.080002	80.610001
80.610001					
## 3005	2009-04-24	82.029999	86.680000	80.730003	84.459999
84.459999					
## 3006	2009-04-27	83.879997	84.980003	82.209999	83.120003
83.120003					
## 3007	2009-04-28	82.680000	85.349998	82.400002	82.400002
82.400002					
## 3008	2009-04-29	82.989998	82.989998	79.260002	79.790001
79.790001					
## 3009	2009-04-30	80.930000	82.669998	79.889999	80.519997
80.519997					
## 3010	2009-05-01	80.379997	80.379997	77.849998	78.959999
78.959999					
## 3011	2009-05-04	80.260002	81.349998	78.849998	79.769997
79.769997					
## 3012	2009-05-05	81.010002	82.000000	80.190002	81.900002
81.900002					
## 3013	2009-05-06	82.879997	83.599998	79.660004	81.989998
81.989998					
## 3014	2009-05-07	82.730003	82.750000	77.879997	79.279999
79.279999					
## 3015	2009-05-08	79.690002	80.230003	76.309998	77.949997
77.949997					
## 3016	2009-05-11	76.800003	79.849998	76.010002	78.610001
78.610001					
## 3017	2009-05-12	78.699997	78.970001	76.529999	77.930000
77.930000					

## 3018 2009-05-13	76.250000	76.650002	74.010002	74.190002
74.190002				
## 3019 2009-05-14	73.790001	76.059998	73.309998	75.110001
75.110001				
## 3020 2009-05-15	74.540001	76.209999	73.419998	73.599998
73.599998				
## 3021 2009-05-18	73.959999	75.959999	73.099998	75.949997
75.949997				
## 3022 2009-05-19	75.430000	78.959999	75.120003	77.870003
77.870003				
## 3023 2009-05-20	78.500000	81.110001	77.419998	77.970001
77.970001				
## 3024 2009-05-21	76.750000	77.970001	75.400002	75.959999
75.959999				
## 3025 2009-05-22	76.099998	77.040001	75.019997	75.639999
75.639999				
## 3026 2009-05-26	75.029999	78.480003	74.550003	78.389999
78.389999				
## 3027 2009-05-27	78.510002	79.500000	76.750000	77.099998
77.099998				
## 3028 2009-05-28	77.699997	79.099998	75.879997	77.650002
77.650002				
## 3029 2009-05-29	77.720001	78.010002	76.400002	77.989998
77.989998				
## 3030 2009-06-01	78.209999	84.800003	77.489998	83.050003
83.050003				
## 3031 2009-06-02	82.419998	85.449997	82.099998	84.930000
84.930000				
## 3032 2009-06-03	83.309998	85.709999	83.129997	85.680000
85.680000				
## 3033 2009-06-04	85.419998	86.400002	84.570000	85.519997
85.519997				
## 3034 2009-06-05	86.290001	87.949997	85.300003	87.559998
87.559998				
## 3035 2009-06-08	86.750000	87.180000	85.110001	86.360001
86.360001				
## 3036 2009-06-09	86.930000	87.669998	86.169998	87.080002
87.080002				
## 3037 2009-06-10	87.580002	88.559998	84.830002	86.589996
86.589996				
## 3038 2009-06-11	86.300003	87.489998	85.050003	85.690002
85.690002				
## 3039 2009-06-12	85.029999	85.199997	82.010002	84.080002
84.080002				
## 3040 2009-06-15	82.830002	83.300003	81.000000	83.180000
83.180000				
## 3041 2009-06-16	83.699997	83.949997	81.279999	82.150002
82.150002				
## 3042 2009-06-17	82.500000	84.300003	80.639999	82.650002
82.650002				

## 3043 2009-06-18	82.809998	82.949997	81.000000	81.599998
81.599998				
## 3044 2009-06-19	82.150002	83.459999	81.500000	82.959999
82.959999				
## 3045 2009-06-22	82.410004	82.430000	78.559998	79.150002
79.150002				
## 3046 2009-06-23	78.970001	79.099998	76.250000	77.680000
77.680000				
## 3047 2009-06-24	78.000000	80.529999	77.800003	79.269997
79.269997				
## 3048 2009-06-25	79.099998	82.230003	79.029999	82.199997
82.199997				
## 3049 2009-06-26	81.900002	84.139999	81.129997	83.879997
83.879997				
## 3050 2009-06-29	83.870003	84.199997	82.410004	83.029999
83.029999				
## 3051 2009-06-30	83.620003	84.919998	82.470001	83.660004
83.660004				
## 3052 2009-07-01	84.419998	84.500000	81.370003	81.599998
81.599998				
## 3053 2009-07-02	81.110001	81.370003	78.510002	79.320000
79.320000				
## 3054 2009-07-06	78.449997	78.889999	76.540001	78.099998
78.099998				
## 3055 2009-07-07	78.529999	78.690002	75.410004	75.629997
75.629997				
## 3056 2009-07-08	76.459999	77.930000	75.699997	77.360001
77.360001				
## 3057 2009-07-09	78.250000	78.540001	76.820000	78.099998
78.099998				
## 3058 2009-07-10	77.519997	78.820000	76.169998	77.629997
77.629997				
## 3059 2009-07-13	78.070000	81.650002	78.010002	81.470001
81.470001				
## 3060 2009-07-14	81.480003	82.419998	80.419998	81.949997
81.949997				
## 3061 2009-07-15	83.000000	84.639999	82.779999	84.550003
84.550003				
## 3062 2009-07-16	84.419998	86.239998	83.720001	86.110001
86.110001				
## 3063 2009-07-17	85.800003	86.500000	85.199997	85.849998
85.849998				
## 3064 2009-07-20	86.269997	88.879997	86.260002	88.230003
88.230003				
## 3065 2009-07-21	88.519997	89.010002	87.400002	89.010002
89.010002				
## 3066 2009-07-22	88.650002	89.230003	87.779999	88.790001
88.790001				
## 3067 2009-07-23	89.839996	94.400002	89.589996	93.870003
93.870003				

## 3068 2009-07-24	87.599998	88.900002	85.500000	86.489998
86.489998				
## 3069 2009-07-27	86.239998	86.489998	83.559998	84.239998
84.239998				
## 3070 2009-07-28	83.839996	85.639999	82.599998	84.980003
84.980003				
## 3071 2009-07-29	84.470001	85.500000	83.519997	84.339996
84.339996				
## 3072 2009-07-30	85.639999	87.250000	85.169998	86.089996
86.089996				
## 3073 2009-07-31	85.760002	86.750000	84.620003	85.760002
85.760002				
## 3074 2009-08-03	86.559998	88.199997	86.559998	87.440002
87.440002				
## 3075 2009-08-04	87.480003	87.480003	84.930000	85.800003
85.800003				
## 3076 2009-08-05	85.639999	85.750000	83.019997	84.290001
84.290001				
## 3077 2009-08-06	84.309998	84.839996	83.050003	84.470001
84.470001				
## 3078 2009-08-07	84.099998	85.959999	84.099998	85.320000
85.320000				
## 3079 2009-08-10	85.010002	85.470001	83.269997	84.440002
84.440002				
## 3080 2009-08-11	83.639999	84.400002	82.449997	83.559998
83.559998				
## 3081 2009-08-12	83.419998	86.599998	83.379997	85.959999
85.959999				
## 3082 2009-08-13	85.720001	86.370003	84.070000	84.599998
84.599998				
## 3083 2009-08-14	84.110001	84.169998	82.779999	83.580002
83.580002				
## 3084 2009-08-17	81.160004	81.779999	80.250000	81.059998
81.059998				
## 3085 2009-08-18	81.410004	82.690002	80.790001	82.120003
82.120003				
## 3086 2009-08-19	80.910004	83.000000	80.489998	83.000000
83.000000				
## 3087 2009-08-20	82.980003	84.349998	82.660004	84.089996
84.089996				
## 3088 2009-08-21	84.779999	85.059998	83.540001	85.000000
85.000000				
## 3089 2009-08-24	85.169998	85.589996	84.239998	84.500000
84.500000				
## 3090 2009-08-25	84.660004	86.339996	83.949997	84.190002
84.190002				
## 3091 2009-08-26	84.099998	84.760002	83.379997	84.000000
84.000000				
## 3092 2009-08-27	84.010002	84.849998	83.139999	84.309998
84.309998				

## 3093 2009-08-28	84.779999	84.989998	82.570000	82.760002
82.760002				
## 3094 2009-08-31	81.930000	81.949997	80.349998	81.190002
81.190002				
## 3095 2009-09-01	80.739998	82.419998	79.000000	79.160004
79.160004				
## 3096 2009-09-02	79.040001	80.150002	77.800003	78.139999
78.139999				
## 3097 2009-09-03	78.389999	78.959999	77.510002	78.459999
78.459999				
## 3098 2009-09-04	78.269997	79.779999	77.629997	78.870003
78.870003				
## 3099 2009-09-08	79.860001	81.040001	78.870003	80.900002
80.900002				
## 3100 2009-09-09	80.599998	82.629997	80.500000	82.239998
82.239998				
## 3101 2009-09-10	82.330002	84.070000	82.300003	83.849998
83.849998				
## 3102 2009-09-11	84.440002	84.900002	83.760002	84.540001
84.540001				
## 3103 2009-09-14	83.809998	84.570000	83.459999	83.860001
83.860001				
## 3104 2009-09-15	84.169998	84.410004	82.790001	83.550003
83.550003				
## 3105 2009-09-16	85.910004	90.980003	85.900002	90.699997
90.699997				
## 3106 2009-09-17	90.750000	91.190002	89.000000	90.440002
90.440002				
## 3107 2009-09-18	90.739998	91.000000	89.470001	90.279999
90.279999				
## 3108 2009-09-21	89.690002	90.760002	88.480003	90.559998
90.559998				
## 3109 2009-09-22	91.459999	94.190002	91.099998	93.750000
93.750000				
## 3110 2009-09-23	92.820000	94.500000	92.220001	92.379997
92.379997				
## 3111 2009-09-24	92.000000	92.709999	90.769997	92.110001
92.110001				
## 3112 2009-09-25	91.440002	92.250000	89.750000	90.519997
90.519997				
## 3113 2009-09-28	91.040001	92.809998	90.599998	92.209999
92.209999				
## 3114 2009-09-29	91.959999	92.330002	90.099998	91.720001
91.720001				
## 3115 2009-09-30	92.260002	94.169998	91.430000	93.360001
93.360001				
## 3116 2009-10-01	92.500000	92.900002	90.370003	91.040001
91.040001				
## 3117 2009-10-02	90.050003	91.139999	89.580002	89.849998
89.849998				

## 3118 2009-10-05	90.250000	90.930000	88.269997	88.669998
88.669998				
## 3119 2009-10-06	89.330002	91.080002	88.400002	90.910004
90.910004				
## 3120 2009-10-07	91.500000	94.480003	91.150002	93.970001
93.970001				
## 3121 2009-10-08	94.800003	96.720001	94.230003	95.220001
95.220001				
## 3122 2009-10-09	95.000000	95.949997	94.260002	95.709999
95.709999				
## 3123 2009-10-12	96.169998	96.250000	93.070000	93.599998
93.599998				
## 3124 2009-10-13	93.830002	95.250000	93.680000	94.830002
94.830002				
## 3125 2009-10-14	96.220001	97.820000	96.019997	97.459999
97.459999				
## 3126 2009-10-15	95.129997	97.059998	95.080002	96.010002
96.010002				
## 3127 2009-10-16	95.300003	96.120003	93.610001	95.320000
95.320000				
## 3128 2009-10-19	95.349998	96.279999	94.250000	94.680000
94.680000				
## 3129 2009-10-20	95.910004	96.099998	94.269997	94.980003
94.980003				
## 3130 2009-10-21	95.269997	96.629997	92.910004	93.419998
93.419998				
## 3131 2009-10-22	93.660004	94.099998	91.699997	93.449997
93.449997				
## 3132 2009-10-23	111.050003	119.650002	110.620003	118.489998
118.489998				
## 3133 2009-10-26	119.209999	125.680000	118.489998	124.639999
124.639999				
## 3134 2009-10-27	122.930000	124.260002	119.419998	122.070000
122.070000				
## 3135 2009-10-28	121.570000	125.120003	120.760002	121.639999
121.639999				
## 3136 2009-10-29	123.900002	124.300003	120.120003	122.580002
122.580002				
## 3137 2009-10-30	121.970001	122.900002	118.209999	118.809998
118.809998				
## 3138 2009-11-02	118.660004	119.500000	116.709999	118.839996
118.839996				
## 3139 2009-11-03	117.669998	118.879997	116.629997	118.370003
118.370003				
## 3140 2009-11-04	119.000000	119.250000	116.760002	117.099998
117.099998				
## 3141 2009-11-05	117.459999	120.949997	116.250000	120.610001
120.610001				
## 3142 2009-11-06	123.000000	126.980003	122.669998	126.199997
126.199997				

## 3143	2009-11-09	127.110001	128.320007	125.589996	126.669998
126.669998					
## 3144	2009-11-10	126.800003	130.610001	126.000000	130.149994
130.149994					
## 3145	2009-11-11	131.080002	131.309998	128.330002	129.910004
129.910004					
## 3146	2009-11-12	129.979996	132.149994	129.979996	130.529999
130.529999					
## 3147	2009-11-13	131.160004	132.990005	129.750000	132.970001
132.970001					
## 3148	2009-11-16	132.119995	134.559998	130.979996	131.589996
131.589996					
## 3149	2009-11-17	131.399994	131.850006	129.320007	131.250000
131.250000					
## 3150	2009-11-18	130.899994	131.410004	129.529999	131.289993
131.289993					
## 3151	2009-11-19	130.539993	130.539993	128.479996	128.990005
128.990005					
## 3152	2009-11-20	127.760002	129.990005	127.410004	129.660004
129.660004					
## 3153	2009-11-23	131.050003	133.000000	131.000000	133.000000
133.000000					
## 3154	2009-11-24	133.570007	134.330002	132.220001	132.940002
132.940002					
## 3155	2009-11-25	133.309998	134.199997	132.399994	134.029999
134.029999					
## 3156	2009-11-27	130.300003	133.000000	129.880005	131.740005
131.740005					
## 3157	2009-11-30	132.190002	136.080002	132.160004	135.910004
135.910004					
## 3158	2009-12-01	136.940002	139.350006	135.750000	138.500000
138.500000					
## 3159	2009-12-02	139.149994	142.669998	138.960007	142.250000
142.250000					
## 3160	2009-12-03	143.619995	145.910004	140.770004	141.169998
141.169998					
## 3161	2009-12-04	143.419998	143.449997	135.110001	137.580002
137.580002					
## 3162	2009-12-07	138.000000	139.000000	133.839996	134.210007
134.210007					
## 3163	2009-12-08	134.300003	136.080002	132.869995	134.110001
134.110001					
## 3164	2009-12-09	134.600006	134.710007	129.820007	131.309998
131.309998					
## 3165	2009-12-10	132.410004	136.190002	132.399994	135.380005
135.380005					
## 3166	2009-12-11	136.070007	136.289993	133.199997	134.149994
134.149994					
## 3167	2009-12-14	132.500000	132.610001	129.350006	131.380005
131.380005					

## 3168	2009-12-15	130.759995	132.460007	129.589996	130.229996
130.229996					
## 3169	2009-12-16	130.929993	131.449997	127.650002	128.360001
128.360001					
## 3170	2009-12-17	129.360001	130.080002	126.900002	126.910004
126.910004					
## 3171	2009-12-18	127.910004	128.789993	125.650002	128.479996
128.479996					
## 3172	2009-12-21	130.479996	133.199997	130.190002	132.789993
132.789993					
## 3173	2009-12-22	133.759995	135.990005	132.649994	133.750000
133.750000					
## 3174	2009-12-23	134.800003	139.050003	134.350006	138.940002
138.940002					
## 3175	2009-12-24	139.199997	139.699997	137.539993	138.470001
138.470001					
## 3176	2009-12-28	139.750000	141.979996	138.529999	139.309998
139.309998					
## 3177	2009-12-29	141.289993	142.580002	138.550003	139.410004
139.410004					
## 3178	2009-12-30	138.399994	138.399994	135.279999	136.490005
136.490005					
## 3179	2009-12-31	137.089996	137.279999	134.520004	134.520004
134.520004					
## 3180	2010-01-04	136.250000	136.610001	133.139999	133.899994
133.899994					
## 3181	2010-01-05	133.429993	135.479996	131.809998	134.690002
134.690002					
## 3182	2010-01-06	134.600006	134.729996	131.649994	132.250000
132.250000					
## 3183	2010-01-07	132.009995	132.320007	128.800003	130.000000
130.000000					
## 3184	2010-01-08	130.559998	133.679993	129.029999	133.520004
133.520004					
## 3185	2010-01-11	132.619995	132.800003	129.210007	130.309998
130.309998					
## 3186	2010-01-12	128.990005	129.820007	126.550003	127.349998
127.349998					
## 3187	2010-01-13	127.900002	129.710007	125.750000	129.110001
129.110001					
## 3188	2010-01-14	129.139999	130.380005	126.400002	127.349998
127.349998					
## 3189	2010-01-15	129.179993	129.649994	127.059998	127.139999
127.139999					
## 3190	2010-01-19	126.309998	128.000000	124.330002	127.610001
127.610001					
## 3191	2010-01-20	127.129997	129.199997	125.080002	125.779999
125.779999					
## 3192	2010-01-21	127.260002	128.149994	125.000000	126.620003
126.620003					

## 3193	2010-01-22	125.599998	127.669998	120.760002	121.430000
121.430000					
## 3194	2010-01-25	122.099998	122.279999	118.120003	120.309998
120.309998					
## 3195	2010-01-26	120.559998	122.980003	119.059998	119.480003
119.480003					
## 3196	2010-01-27	121.029999	123.330002	118.800003	122.750000
122.750000					
## 3197	2010-01-28	124.430000	127.199997	122.800003	126.029999
126.029999					
## 3198	2010-01-29	129.770004	131.850006	124.139999	125.410004
125.410004					
## 3199	2010-02-01	123.180000	124.860001	113.820000	118.870003
118.870003					
## 3200	2010-02-02	118.790001	118.980003	114.400002	118.120003
118.120003					
## 3201	2010-02-03	117.120003	119.610001	116.559998	119.099998
119.099998					
## 3202	2010-02-04	118.639999	120.330002	115.739998	115.940002
115.940002					
## 3203	2010-02-05	115.879997	117.650002	114.099998	117.389999
117.389999					
## 3204	2010-02-08	119.379997	121.000000	116.559998	116.830002
116.830002					
## 3205	2010-02-09	118.199997	119.089996	117.000000	118.029999
118.029999					
## 3206	2010-02-10	118.000000	118.610001	116.000000	117.360001
117.360001					
## 3207	2010-02-11	117.209999	120.419998	116.500000	120.089996
120.089996					
## 3208	2010-02-12	118.989998	119.940002	117.500000	119.660004
119.660004					
## 3209	2010-02-16	120.059998	120.500000	117.180000	117.529999
117.529999					
## 3210	2010-02-17	117.070000	117.129997	115.550003	116.309998
116.309998					
## 3211	2010-02-18	115.839996	118.510002	114.820000	118.080002
118.080002					
## 3212	2010-02-19	117.910004	119.089996	117.000000	117.519997
117.519997					
## 3213	2010-02-22	117.370003	118.970001	116.180000	118.010002
118.010002					
## 3214	2010-02-23	118.010002	119.250000	116.510002	117.239998
117.239998					
## 3215	2010-02-24	117.959999	119.800003	117.150002	119.720001
119.720001					
## 3216	2010-02-25	118.169998	118.339996	115.849998	118.199997
118.199997					
## 3217	2010-02-26	117.879997	119.430000	117.000000	118.400002
118.400002					

## 3218	2010-03-01	118.699997	124.660004	117.529999	124.540001
124.540001					
## 3219	2010-03-02	125.010002	127.349998	124.800003	125.529999
125.529999					
## 3220	2010-03-03	125.400002	126.940002	124.430000	125.889999
125.889999					
## 3221	2010-03-04	125.980003	128.850006	125.570000	128.529999
128.529999					
## 3222	2010-03-05	129.130005	129.449997	127.070000	128.910004
128.910004					
## 3223	2010-03-08	128.300003	130.850006	127.709999	130.110001
130.110001					
## 3224	2010-03-09	129.589996	130.809998	127.970001	128.820007
128.820007					
## 3225	2010-03-10	129.110001	131.169998	128.479996	130.509995
130.509995					
## 3226	2010-03-11	130.449997	133.619995	130.360001	133.580002
133.580002					
## 3227	2010-03-12	134.199997	134.199997	131.179993	131.820007
131.820007					
## 3228	2010-03-15	131.699997	132.000000	128.630005	131.130005
131.130005					
## 3229	2010-03-16	131.240005	132.289993	130.500000	131.789993
131.789993					
## 3230	2010-03-17	132.410004	132.690002	131.220001	131.339996
131.339996					
## 3231	2010-03-18	131.020004	132.850006	130.440002	132.759995
132.759995					
## 3232	2010-03-19	133.710007	133.710007	129.660004	130.350006
130.350006					
## 3233	2010-03-22	130.199997	130.960007	128.639999	130.470001
130.470001					
## 3234	2010-03-23	130.889999	130.940002	128.070007	129.259995
129.259995					
## 3235	2010-03-24	128.639999	129.399994	127.199997	128.039993
128.039993					
## 3236	2010-03-25	129.139999	136.910004	128.039993	134.729996
134.729996					
## 3237	2010-03-26	134.899994	136.990005	133.759995	135.059998
135.059998					
## 3238	2010-03-29	135.369995	136.630005	134.330002	135.119995
135.119995					
## 3239	2010-03-30	135.740005	138.190002	135.360001	136.580002
136.580002					
## 3240	2010-03-31	136.000000	136.800003	134.479996	135.770004
135.770004					
## 3241	2010-04-01	135.800003	136.509995	131.179993	131.809998
131.809998					
## 3242	2010-04-05	132.850006	133.740005	130.779999	131.490005
131.490005					

## 3243	2010-04-06	131.229996	136.000000	131.179993	135.559998
135.559998					
## 3244	2010-04-07	135.960007	136.080002	133.860001	134.869995
134.869995					
## 3245	2010-04-08	134.710007	141.250000	134.710007	140.960007
140.960007					
## 3246	2010-04-09	140.720001	141.330002	139.070007	140.059998
140.059998					
## 3247	2010-04-12	140.000000	142.910004	139.679993	141.199997
141.199997					
## 3248	2010-04-13	141.229996	141.979996	139.119995	140.160004
140.160004					
## 3249	2010-04-14	140.339996	144.500000	139.199997	144.279999
144.279999					
## 3250	2010-04-15	144.550003	147.089996	144.000000	145.820007
145.820007					
## 3251	2010-04-16	144.880005	147.169998	141.449997	142.169998
142.169998					
## 3252	2010-04-19	142.350006	143.669998	139.130005	142.429993
142.429993					
## 3253	2010-04-20	143.830002	144.639999	142.100006	144.199997
144.199997					
## 3254	2010-04-21	145.169998	149.000000	143.520004	146.429993
146.429993					
## 3255	2010-04-22	147.009995	151.089996	145.880005	150.089996
150.089996					
## 3256	2010-04-23	145.380005	149.089996	142.419998	143.630005
143.630005					
## 3257	2010-04-26	143.199997	147.729996	142.899994	147.110001
147.110001					
## 3258	2010-04-27	145.550003	146.440002	141.110001	142.020004
142.020004					
## 3259	2010-04-28	142.589996	142.750000	138.690002	139.350006
139.350006					
## 3260	2010-04-29	140.089996	142.449997	139.789993	141.729996
141.729996					
## 3261	2010-04-30	141.399994	141.399994	136.910004	137.100006
137.100006					
## 3262	2010-05-03	137.199997	139.440002	136.110001	137.490005
137.490005					
## 3263	2010-05-04	135.619995	135.809998	128.380005	129.830002
129.830002					
## 3264	2010-05-05	128.000000	131.610001	127.550003	130.929993
130.929993					
## 3265	2010-05-06	130.000000	132.330002	120.599998	128.710007
128.710007					
## 3266	2010-05-07	127.970001	131.179993	123.760002	124.980003
124.980003					
## 3267	2010-05-10	129.729996	132.210007	129.259995	131.289993
131.289993					

## 3268	2010-05-11	129.949997	133.080002	128.470001	130.460007
		130.460007			
## 3269	2010-05-12	131.410004	134.130005	129.679993	133.869995
		133.869995			
## 3270	2010-05-13	133.929993	136.990005	131.000000	131.470001
		131.470001			
## 3271	2010-05-14	130.360001	131.000000	126.760002	128.529999
		128.529999			
## 3272	2010-05-17	128.240005	129.949997	125.800003	128.910004
		128.910004			
## 3273	2010-05-18	130.139999	131.250000	125.510002	126.279999
		126.279999			
## 3274	2010-05-19	125.510002	127.930000	123.800003	124.589996
		124.589996			
## 3275	2010-05-20	122.639999	125.000000	118.779999	119.709999
		119.709999			
## 3276	2010-05-21	117.900002	124.970001	117.519997	122.720001
		122.720001			
## 3277	2010-05-24	122.570000	124.500000	120.650002	122.120003
		122.120003			
## 3278	2010-05-25	118.540001	125.190002	118.500000	124.860001
		124.860001			
## 3279	2010-05-26	125.050003	125.790001	122.300003	123.209999
		123.209999			
## 3280	2010-05-27	124.980003	126.849998	120.599998	126.699997
		126.699997			
## 3281	2010-05-28	126.070000	127.599998	124.010002	125.459999
		125.459999			
## 3282	2010-06-01	124.970001	126.570000	123.019997	123.239998
		123.239998			
## 3283	2010-06-02	124.019997	126.430000	121.650002	126.309998
		126.309998			
## 3284	2010-06-03	126.250000	129.149994	124.849998	128.759995
		128.759995			
## 3285	2010-06-04	126.330002	128.199997	122.180000	122.769997
		122.769997			
## 3286	2010-06-07	125.839996	126.610001	121.669998	122.010002
		122.010002			
## 3287	2010-06-08	122.000000	122.000000	115.800003	118.839996
		118.839996			
## 3288	2010-06-09	120.309998	121.470001	117.360001	117.910004
		117.910004			
## 3289	2010-06-10	120.000000	123.500000	119.199997	123.209999
		123.209999			
## 3290	2010-06-11	121.389999	123.529999	120.290001	123.029999
		123.029999			
## 3291	2010-06-14	124.239998	125.699997	123.500000	123.830002
		123.830002			
## 3292	2010-06-15	123.199997	126.919998	122.500000	126.839996
		126.839996			

## 3293	2010-06-16	125.389999	127.980003	125.360001	126.900002
		126.900002			
## 3294	2010-06-17	126.739998	127.800003	124.690002	125.889999
		125.889999			
## 3295	2010-06-18	126.480003	127.480003	125.070000	125.830002
		125.830002			
## 3296	2010-06-21	126.790001	127.480003	121.410004	122.550003
		122.550003			
## 3297	2010-06-22	122.650002	125.230003	121.550003	122.309998
		122.309998			
## 3298	2010-06-23	122.110001	123.220001	120.040001	121.449997
		121.449997			
## 3299	2010-06-24	120.610001	120.849998	116.800003	118.330002
		118.330002			
## 3300	2010-06-25	118.139999	121.760002	117.629997	121.000000
		121.000000			
## 3301	2010-06-28	118.849998	120.040001	117.099998	117.800003
		117.800003			
## 3302	2010-06-29	116.260002	116.480003	106.010002	108.610001
		108.610001			
## 3303	2010-06-30	108.580002	112.680000	108.110001	109.260002
		109.260002			
## 3304	2010-07-01	108.900002	111.690002	106.699997	110.959999
		110.959999			
## 3305	2010-07-02	110.919998	111.290001	108.559998	109.139999
		109.139999			
## 3306	2010-07-06	110.650002	112.529999	109.000000	110.059998
		110.059998			
## 3307	2010-07-07	109.839996	113.629997	109.809998	113.430000
		113.430000			
## 3308	2010-07-08	115.019997	117.480003	114.070000	116.220001
		116.220001			
## 3309	2010-07-09	116.550003	117.400002	114.650002	117.260002
		117.260002			
## 3310	2010-07-12	117.809998	119.699997	117.320000	119.510002
		119.510002			
## 3311	2010-07-13	120.690002	124.879997	120.300003	123.650002
		123.650002			
## 3312	2010-07-14	123.029999	123.750000	121.470001	123.300003
		123.300003			
## 3313	2010-07-15	120.129997	122.480003	119.260002	122.059998
		122.059998			
## 3314	2010-07-16	121.279999	121.919998	118.010002	118.489998
		118.489998			
## 3315	2010-07-19	118.379997	120.739998	117.000000	119.940002
		119.940002			
## 3316	2010-07-20	120.610001	120.709999	117.510002	120.099998
		120.099998			
## 3317	2010-07-21	120.620003	121.250000	117.260002	117.430000
		117.430000			

## 3318	2010-07-22	118.709999	120.870003	118.019997	120.070000
		120.070000			
## 3319	2010-07-23	105.930000	119.279999	105.800003	118.870003
		118.870003			
## 3320	2010-07-26	118.260002	118.599998	114.879997	118.400002
		118.400002			
## 3321	2010-07-27	118.430000	118.500000	115.070000	117.129997
		117.129997			
## 3322	2010-07-28	117.000000	118.199997	116.400002	117.129997
		117.129997			
## 3323	2010-07-29	117.989998	118.870003	115.519997	116.860001
		116.860001			
## 3324	2010-07-30	115.529999	118.739998	114.510002	117.889999
		117.889999			
## 3325	2010-08-02	119.150002	120.379997	117.570000	120.070000
		120.070000			
## 3326	2010-08-03	120.000000	122.870003	119.680000	122.419998
		122.419998			
## 3327	2010-08-04	123.059998	128.470001	123.000000	127.580002
		127.580002			
## 3328	2010-08-05	126.769997	128.000000	125.820000	127.830002
		127.830002			
## 3329	2010-08-06	126.720001	128.399994	125.900002	128.320007
		128.320007			
## 3330	2010-08-09	128.460007	129.929993	127.849998	128.830002
		128.830002			
## 3331	2010-08-10	127.949997	130.000000	127.379997	130.000000
		130.000000			
## 3332	2010-08-11	128.100006	128.119995	125.199997	125.889999
		125.889999			
## 3333	2010-08-12	123.760002	127.000000	123.550003	126.559998
		126.559998			
## 3334	2010-08-13	126.059998	127.480003	124.260002	124.690002
		124.690002			
## 3335	2010-08-16	123.610001	127.370003	123.040001	126.070000
		126.070000			
## 3336	2010-08-17	127.339996	129.979996	126.790001	128.860001
		128.860001			
## 3337	2010-08-18	129.250000	130.809998	128.259995	129.649994
		129.649994			
## 3338	2010-08-19	129.220001	130.020004	126.820000	127.570000
		127.570000			
## 3339	2010-08-20	127.199997	128.039993	126.019997	127.760002
		127.760002			
## 3340	2010-08-23	127.860001	129.220001	126.500000	126.599998
		126.599998			
## 3341	2010-08-24	125.410004	125.440002	123.180000	124.529999
		124.529999			
## 3342	2010-08-25	123.849998	127.370003	123.830002	126.849998
		126.849998			

## 3343	2010-08-26	127.150002	127.589996	124.820000	124.860001
124.860001					
## 3344	2010-08-27	125.459999	126.639999	122.250000	126.639999
126.639999					
## 3345	2010-08-30	126.029999	126.949997	123.690002	123.790001
123.790001					
## 3346	2010-08-31	122.849998	125.900002	122.500000	124.830002
124.830002					
## 3347	2010-09-01	126.360001	132.600006	126.169998	132.490005
132.490005					
## 3348	2010-09-02	132.169998	135.210007	132.050003	135.210007
135.210007					
## 3349	2010-09-03	136.889999	139.500000	136.630005	138.789993
138.789993					
## 3350	2010-09-07	137.559998	138.600006	136.889999	137.220001
137.220001					
## 3351	2010-09-08	137.929993	139.699997	136.449997	139.139999
139.139999					
## 3352	2010-09-09	140.389999	141.369995	139.259995	140.380005
140.380005					
## 3353	2010-09-10	140.750000	142.600006	140.039993	142.440002
142.440002					
## 3354	2010-09-13	144.070007	145.740005	143.759995	145.070007
145.070007					
## 3355	2010-09-14	144.500000	146.699997	143.830002	145.750000
145.750000					
## 3356	2010-09-15	144.880005	145.619995	143.559998	145.449997
145.449997					
## 3357	2010-09-16	145.399994	148.229996	145.160004	148.130005
148.130005					
## 3358	2010-09-17	148.899994	148.979996	146.500000	148.320007
148.320007					
## 3359	2010-09-20	148.699997	151.949997	147.350006	151.300003
151.300003					
## 3360	2010-09-21	150.759995	153.309998	149.600006	150.729996
150.729996					
## 3361	2010-09-22	149.839996	152.699997	149.100006	151.830002
151.830002					
## 3362	2010-09-23	151.199997	155.919998	150.970001	152.850006
152.850006					
## 3363	2010-09-24	155.429993	160.889999	155.419998	160.729996
160.729996					
## 3364	2010-09-27	160.220001	161.199997	157.880005	159.369995
159.369995					
## 3365	2010-09-28	159.839996	160.880005	154.889999	159.699997
159.699997					
## 3366	2010-09-29	159.029999	161.779999	157.750000	158.990005
158.990005					
## 3367	2010-09-30	160.009995	160.929993	155.600006	157.059998
157.059998					

## 3368	2010-10-01	157.080002	157.440002	152.199997	153.710007
153.710007					
## 3369	2010-10-04	153.949997	155.960007	152.789993	155.389999
155.389999					
## 3370	2010-10-05	157.080002	161.210007	157.009995	160.869995
160.869995					
## 3371	2010-10-06	160.600006	160.679993	154.600006	155.399994
155.399994					
## 3372	2010-10-07	156.509995	157.399994	153.389999	156.270004
156.270004					
## 3373	2010-10-08	155.179993	156.279999	152.779999	155.550003
155.550003					
## 3374	2010-10-11	154.889999	156.630005	152.339996	153.029999
153.029999					
## 3375	2010-10-12	152.509995	156.949997	151.399994	156.479996
156.479996					
## 3376	2010-10-13	156.690002	156.789993	153.850006	155.169998
155.169998					
## 3377	2010-10-14	155.160004	156.949997	154.229996	155.529999
155.529999					
## 3378	2010-10-15	158.419998	164.880005	156.750000	164.639999
164.639999					
## 3379	2010-10-18	165.000000	165.190002	161.820007	163.559998
163.559998					
## 3380	2010-10-19	160.679993	162.800003	157.000000	158.669998
158.669998					
## 3381	2010-10-20	158.779999	159.869995	156.570007	158.669998
158.669998					
## 3382	2010-10-21	162.669998	166.130005	161.289993	164.970001
164.970001					
## 3383	2010-10-22	162.449997	170.169998	162.270004	169.130005
169.130005					
## 3384	2010-10-25	171.570007	171.990005	168.320007	169.000000
169.000000					
## 3385	2010-10-26	167.570007	171.000000	167.500000	169.949997
169.949997					
## 3386	2010-10-27	168.910004	169.750000	166.539993	167.509995
167.509995					
## 3387	2010-10-28	168.309998	168.490005	165.050003	166.839996
166.839996					
## 3388	2010-10-29	165.800003	168.500000	164.809998	165.229996
165.229996					
## 3389	2010-11-01	164.449997	164.580002	161.520004	162.580002
162.580002					
## 3390	2010-11-02	163.750000	165.940002	163.360001	164.610001
164.610001					
## 3391	2010-11-03	165.399994	168.610001	162.289993	168.470001
168.470001					
## 3392	2010-11-04	169.860001	172.529999	168.399994	168.929993
168.929993					

## 3393	2010-11-05	169.350006	171.649994	168.589996	170.770004
		170.770004			
## 3394	2010-11-08	170.839996	173.199997	168.779999	171.990005
		171.990005			
## 3395	2010-11-09	172.669998	173.139999	169.059998	170.270004
		170.270004			
## 3396	2010-11-10	170.589996	173.369995	169.410004	173.330002
		173.330002			
## 3397	2010-11-11	171.000000	172.050003	169.419998	170.369995
		170.369995			
## 3398	2010-11-12	170.119995	171.259995	165.050003	165.679993
		165.679993			
## 3399	2010-11-15	165.160004	165.350006	158.559998	158.899994
		158.899994			
## 3400	2010-11-16	158.740005	160.910004	156.770004	157.779999
		157.779999			
## 3401	2010-11-17	157.839996	160.850006	157.550003	158.350006
		158.350006			
## 3402	2010-11-18	160.740005	165.000000	160.740005	164.169998
		164.169998			
## 3403	2010-11-19	163.949997	164.990005	162.839996	164.820007
		164.820007			
## 3404	2010-11-22	165.100006	170.600006	165.000000	170.389999
		170.389999			
## 3405	2010-11-23	168.610001	168.809998	164.619995	168.199997
		168.199997			
## 3406	2010-11-24	171.529999	177.889999	171.529999	177.250000
		177.250000			
## 3407	2010-11-26	177.360001	178.380005	176.160004	177.199997
		177.199997			
## 3408	2010-11-29	179.990005	181.839996	177.570007	179.490005
		179.490005			
## 3409	2010-11-30	176.949997	177.699997	174.899994	175.399994
		175.399994			
## 3410	2010-12-01	179.160004	179.320007	176.000000	176.550003
		176.550003			
## 3411	2010-12-02	176.860001	177.449997	173.919998	176.529999
		176.529999			
## 3412	2010-12-03	175.500000	176.399994	174.050003	175.679993
		175.679993			
## 3413	2010-12-06	175.520004	178.429993	174.600006	178.050003
		178.050003			
## 3414	2010-12-07	180.500000	181.470001	176.570007	176.770004
		176.770004			
## 3415	2010-12-08	177.490005	178.160004	175.199997	176.289993
		176.289993			
## 3416	2010-12-09	177.770004	178.110001	173.800003	174.850006
		174.850006			
## 3417	2010-12-10	174.880005	175.949997	173.360001	175.619995
		175.619995			

## 3418	2010-12-13	176.330002	177.940002	173.729996	174.250000
		174.250000			
## 3419	2010-12-14	174.279999	175.759995	173.089996	173.940002
		173.940002			
## 3420	2010-12-15	173.720001	179.000000	173.589996	175.570007
		175.570007			
## 3421	2010-12-16	175.580002	178.300003	175.039993	178.039993
		178.039993			
## 3422	2010-12-17	178.410004	178.750000	177.020004	177.580002
		177.580002			
## 3423	2010-12-20	179.270004	183.979996	178.039993	183.289993
		183.289993			
## 3424	2010-12-21	183.880005	185.649994	182.600006	184.750000
		184.750000			
## 3425	2010-12-22	185.000000	185.449997	184.110001	184.759995
		184.759995			
## 3426	2010-12-23	184.339996	184.979996	181.889999	182.589996
		182.589996			
## 3427	2010-12-27	181.899994	183.139999	180.449997	182.139999
		182.139999			
## 3428	2010-12-28	182.100006	182.770004	181.050003	181.089996
		181.089996			
## 3429	2010-12-29	181.800003	184.350006	180.410004	183.369995
		183.369995			
## 3430	2010-12-30	183.919998	184.550003	182.750000	182.750000
		182.750000			
## 3431	2010-12-31	181.960007	182.300003	179.509995	180.000000
		180.000000			
## 3432	2011-01-03	181.369995	186.000000	181.210007	184.220001
		184.220001			
## 3433	2011-01-04	186.149994	187.699997	183.779999	185.009995
		185.009995			
## 3434	2011-01-05	184.100006	187.449997	184.070007	187.419998
		187.419998			
## 3435	2011-01-06	186.500000	187.410004	185.250000	185.860001
		185.860001			
## 3436	2011-01-07	187.880005	188.449997	183.740005	185.490005
		185.490005			
## 3437	2011-01-10	185.039993	185.289993	182.509995	184.679993
		184.679993			
## 3438	2011-01-11	185.419998	186.000000	183.210007	184.339996
		184.339996			
## 3439	2011-01-12	185.360001	185.380005	183.300003	184.080002
		184.080002			
## 3440	2011-01-13	183.600006	186.449997	183.509995	185.529999
		185.529999			
## 3441	2011-01-14	185.500000	188.940002	184.919998	188.750000
		188.750000			
## 3442	2011-01-18	188.660004	191.600006	188.250000	191.250000
		191.250000			

## 3443	2011-01-19	190.899994	191.000000	186.210007	186.869995
186.869995					
## 3444	2011-01-20	185.289993	186.850006	181.000000	181.960007
181.960007					
## 3445	2011-01-21	183.000000	183.250000	176.839996	177.419998
177.419998					
## 3446	2011-01-24	177.949997	178.490005	174.149994	176.850006
176.850006					
## 3447	2011-01-25	175.500000	176.750000	174.279999	176.699997
176.699997					
## 3448	2011-01-26	177.509995	177.889999	174.630005	175.389999
175.389999					
## 3449	2011-01-27	177.479996	185.000000	177.309998	184.449997
184.449997					
## 3450	2011-01-28	171.449997	173.710007	166.899994	171.139999
171.139999					
## 3451	2011-01-31	170.160004	171.440002	167.410004	169.639999
169.639999					
## 3452	2011-02-01	170.520004	173.100006	169.509995	172.110001
172.110001					
## 3453	2011-02-02	171.419998	175.199997	170.869995	173.529999
173.529999					
## 3454	2011-02-03	173.500000	174.669998	171.949997	173.710007
173.710007					
## 3455	2011-02-04	174.000000	177.190002	173.750000	175.929993
175.929993					
## 3456	2011-02-07	176.149994	177.550003	174.770004	176.429993
176.429993					
## 3457	2011-02-08	176.660004	183.110001	176.589996	183.059998
183.059998					
## 3458	2011-02-09	183.149994	186.470001	182.259995	185.300003
185.300003					
## 3459	2011-02-10	184.389999	187.240005	183.600006	186.210007
186.210007					
## 3460	2011-02-11	185.559998	189.500000	185.369995	189.250000
189.250000					
## 3461	2011-02-14	189.250000	191.399994	188.350006	190.419998
190.419998					
## 3462	2011-02-15	188.729996	190.490005	188.250000	189.029999
189.029999					
## 3463	2011-02-16	189.770004	190.000000	186.350006	186.619995
186.619995					
## 3464	2011-02-17	185.770004	189.089996	185.309998	187.759995
187.759995					
## 3465	2011-02-18	187.539993	188.500000	185.130005	186.500000
186.500000					
## 3466	2011-02-22	183.679993	184.720001	179.320007	180.419998
180.419998					
## 3467	2011-02-23	180.250000	181.149994	174.389999	176.679993
176.679993					

## 3468	2011-02-24	176.860001	179.750000	174.559998	177.750000
		177.750000			
## 3469	2011-02-25	178.949997	180.750000	177.100006	177.240005
		177.240005			
## 3470	2011-02-28	173.910004	175.889999	172.149994	173.289993
		173.289993			
## 3471	2011-03-01	173.529999	173.960007	168.669998	169.440002
		169.440002			
## 3472	2011-03-02	169.089996	173.300003	168.350006	172.020004
		172.020004			
## 3473	2011-03-03	173.710007	174.460007	172.050003	172.789993
		172.789993			
## 3474	2011-03-04	172.619995	172.750000	169.509995	171.669998
		171.669998			
## 3475	2011-03-07	171.919998	172.089996	166.240005	169.080002
		169.080002			
## 3476	2011-03-08	169.389999	169.710007	166.720001	166.889999
		166.889999			
## 3477	2011-03-09	166.669998	169.750000	163.899994	169.050003
		169.050003			
## 3478	2011-03-10	167.070007	168.470001	164.820007	166.139999
		166.139999			
## 3479	2011-03-11	165.500000	169.199997	164.119995	168.070007
		168.070007			
## 3480	2011-03-14	166.600006	168.080002	164.570007	166.729996
		166.729996			
## 3481	2011-03-15	161.389999	166.880005	160.759995	165.080002
		165.080002			
## 3482	2011-03-16	164.699997	168.139999	162.869995	164.699997
		164.699997			
## 3483	2011-03-17	165.910004	166.300003	160.779999	160.970001
		160.970001			
## 3484	2011-03-18	161.190002	163.539993	160.589996	161.820007
		161.820007			
## 3485	2011-03-21	163.369995	165.789993	161.720001	164.520004
		164.520004			
## 3486	2011-03-22	164.070007	164.440002	162.250000	162.600006
		162.600006			
## 3487	2011-03-23	162.300003	166.259995	160.820007	165.320007
		165.320007			
## 3488	2011-03-24	168.210007	172.000000	167.360001	171.100006
		171.100006			
## 3489	2011-03-25	171.639999	173.490005	170.300003	170.979996
		170.979996			
## 3490	2011-03-28	171.800003	172.500000	169.250000	169.350006
		169.350006			
## 3491	2011-03-29	170.729996	174.839996	170.070007	174.619995
		174.619995			
## 3492	2011-03-30	177.779999	181.160004	177.660004	179.419998
		179.419998			

## 3493	2011-03-31	179.309998	181.570007	178.500000	180.130005
180.130005					
## 3494	2011-04-01	181.580002	183.250000	178.589996	180.130005
180.130005					
## 3495	2011-04-04	180.889999	183.610001	180.690002	182.940002
182.940002					
## 3496	2011-04-05	182.100006	186.360001	181.800003	185.289993
185.289993					
## 3497	2011-04-06	186.149994	188.270004	181.119995	182.759995
182.759995					
## 3498	2011-04-07	182.779999	185.169998	181.759995	184.910004
184.910004					
## 3499	2011-04-08	185.259995	186.220001	182.779999	184.710007
184.710007					
## 3500	2011-04-11	184.860001	186.490005	181.850006	184.039993
184.039993					
## 3501	2011-04-12	183.059998	184.589996	179.419998	180.479996
180.479996					
## 3502	2011-04-13	180.830002	182.880005	179.800003	182.289993
182.289993					
## 3503	2011-04-14	181.389999	182.080002	179.360001	181.820007
181.820007					
## 3504	2011-04-15	181.000000	181.779999	179.020004	180.009995
180.009995					
## 3505	2011-04-18	178.380005	178.910004	175.369995	178.339996
178.339996					
## 3506	2011-04-19	178.350006	179.470001	176.600006	178.820007
178.820007					
## 3507	2011-04-20	181.619995	185.000000	181.589996	183.869995
183.869995					
## 3508	2011-04-21	184.559998	185.970001	183.050003	185.889999
185.889999					
## 3509	2011-04-25	185.649994	186.350006	183.770004	185.419998
185.419998					
## 3510	2011-04-26	186.270004	186.419998	180.740005	182.300003
182.300003					
## 3511	2011-04-27	183.199997	197.800003	182.750000	196.630005
196.630005					
## 3512	2011-04-28	195.960007	196.789993	192.270004	195.070007
195.070007					
## 3513	2011-04-29	194.380005	196.589996	193.779999	195.809998
195.809998					
## 3514	2011-05-02	196.570007	203.419998	196.179993	201.190002
201.190002					
## 3515	2011-05-03	201.000000	202.589996	196.690002	198.449997
198.449997					
## 3516	2011-05-04	198.250000	201.860001	195.369995	199.970001
199.970001					
## 3517	2011-05-05	198.660004	201.000000	196.119995	197.110001
197.110001					

## 3518	2011-05-06	199.100006	199.559998	196.559998	197.600006
		197.600006			
## 3519	2011-05-09	198.339996	202.360001	196.779999	200.800003
		200.800003			
## 3520	2011-05-10	201.940002	205.289993	201.559998	203.940002
		203.940002			
## 3521	2011-05-11	203.119995	205.500000	202.250000	204.380005
		204.380005			
## 3522	2011-05-12	204.220001	206.190002	200.619995	206.070007
		206.070007			
## 3523	2011-05-13	205.699997	206.389999	202.360001	202.559998
		202.559998			
## 3524	2011-05-16	200.539993	200.899994	191.369995	192.509995
		192.509995			
## 3525	2011-05-17	191.820007	195.979996	191.759995	194.809998
		194.809998			
## 3526	2011-05-18	194.130005	198.279999	193.250000	197.089996
		197.089996			
## 3527	2011-05-19	198.330002	199.949997	197.550003	198.800003
		198.800003			
## 3528	2011-05-20	197.949997	199.800003	197.240005	198.649994
		198.649994			
## 3529	2011-05-23	195.559998	197.289993	192.020004	196.220001
		196.220001			
## 3530	2011-05-24	197.000000	197.000000	193.000000	193.270004
		193.270004			
## 3531	2011-05-25	193.570007	194.350006	191.139999	192.259995
		192.259995			
## 3532	2011-05-26	191.240005	196.449997	190.880005	195.000000
		195.000000			
## 3533	2011-05-27	194.759995	196.119995	193.500000	194.130005
		194.130005			
## 3534	2011-05-31	195.940002	198.440002	195.029999	196.690002
		196.690002			
## 3535	2011-06-01	196.059998	197.259995	192.050003	192.399994
		192.399994			
## 3536	2011-06-02	192.279999	194.440002	190.559998	193.649994
		193.649994			
## 3537	2011-06-03	191.229996	193.210007	187.619995	188.320007
		188.320007			
## 3538	2011-06-06	188.009995	189.850006	185.179993	185.690002
		185.690002			
## 3539	2011-06-07	185.720001	190.630005	185.520004	187.550003
		187.550003			
## 3540	2011-06-08	187.449997	189.809998	186.320007	188.050003
		188.050003			
## 3541	2011-06-09	189.740005	191.759995	185.710007	189.679993
		189.679993			
## 3542	2011-06-10	189.250000	190.770004	186.279999	186.529999
		186.529999			

## 3543	2011-06-13	186.809998	189.309998	184.860001	186.289993
		186.289993			
## 3544	2011-06-14	188.990005	190.720001	187.070007	189.960007
		189.960007			
## 3545	2011-06-15	188.039993	192.449997	185.300003	185.979996
		185.979996			
## 3546	2011-06-16	185.740005	187.000000	181.589996	183.649994
		183.649994			
## 3547	2011-06-17	186.509995	187.389999	184.639999	186.369995
		186.369995			
## 3548	2011-06-20	185.960007	188.850006	185.570007	187.720001
		187.720001			
## 3549	2011-06-21	188.300003	195.000000	187.119995	194.229996
		194.229996			
## 3550	2011-06-22	193.960007	195.199997	191.320007	191.630005
		191.630005			
## 3551	2011-06-23	189.500000	194.460007	188.300003	194.160004
		194.160004			
## 3552	2011-06-24	193.880005	194.919998	191.350006	192.550003
		192.550003			
## 3553	2011-06-27	194.500000	202.580002	194.029999	201.250000
		201.250000			
## 3554	2011-06-28	201.919998	202.880005	200.600006	202.350006
		202.350006			
## 3555	2011-06-29	202.669998	206.250000	201.029999	204.179993
		204.179993			
## 3556	2011-06-30	200.779999	205.199997	200.500000	204.490005
		204.490005			
## 3557	2011-07-01	205.550003	210.270004	203.610001	209.490005
		209.490005			
## 3558	2011-07-05	208.759995	214.449997	208.729996	213.190002
		213.190002			
## 3559	2011-07-06	212.119995	214.399994	211.009995	214.190002
		214.190002			
## 3560	2011-07-07	215.089996	217.800003	215.089996	216.740005
		216.740005			
## 3561	2011-07-08	214.300003	218.320007	213.250000	218.279999
		218.279999			
## 3562	2011-07-11	216.740005	217.500000	211.000000	212.550003
		212.550003			
## 3563	2011-07-12	214.639999	215.649994	211.119995	211.229996
		211.229996			
## 3564	2011-07-13	214.699997	216.830002	212.139999	213.500000
		213.500000			
## 3565	2011-07-14	213.580002	215.910004	209.380005	210.380005
		210.380005			
## 3566	2011-07-15	213.080002	214.529999	209.289993	212.869995
		212.869995			
## 3567	2011-07-18	212.529999	213.389999	208.289993	211.529999
		211.529999			

## 3568	2011-07-19	213.770004	218.399994	213.770004	218.059998
218.059998					
## 3569	2011-07-20	220.050003	220.199997	214.410004	215.550003
215.550003					
## 3570	2011-07-21	216.740005	217.089996	211.070007	213.210007
213.210007					
## 3571	2011-07-22	213.860001	217.949997	211.110001	216.520004
216.520004					
## 3572	2011-07-25	215.490005	216.080002	213.000000	213.490005
213.490005					
## 3573	2011-07-26	214.990005	215.600006	210.350006	214.179993
214.179993					
## 3574	2011-07-27	224.389999	227.199997	219.619995	222.520004
222.520004					
## 3575	2011-07-28	223.270004	225.949997	220.229996	223.899994
223.899994					
## 3576	2011-07-29	221.289993	225.750000	219.509995	222.520004
222.520004					
## 3577	2011-08-01	225.000000	227.449997	217.660004	221.320007
221.320007					
## 3578	2011-08-02	220.320007	222.429993	211.300003	211.699997
211.699997					
## 3579	2011-08-03	212.970001	214.830002	205.539993	209.960007
209.960007					
## 3580	2011-08-04	206.729996	208.000000	201.449997	201.479996
201.479996					
## 3581	2011-08-05	204.669998	207.320007	194.839996	202.699997
202.699997					
## 3582	2011-08-08	196.399994	200.389999	190.050003	193.699997
193.699997					
## 3583	2011-08-09	196.699997	205.089996	190.460007	205.089996
205.089996					
## 3584	2011-08-10	200.759995	202.399994	193.600006	194.130005
194.130005					
## 3585	2011-08-11	197.009995	200.850006	191.360001	198.360001
198.360001					
## 3586	2011-08-12	200.279999	204.559998	197.210007	202.300003
202.300003					
## 3587	2011-08-15	202.059998	205.279999	198.320007	202.949997
202.949997					
## 3588	2011-08-16	201.139999	201.389999	194.750000	197.679993
197.679993					
## 3589	2011-08-17	198.529999	199.600006	193.740005	195.929993
195.929993					
## 3590	2011-08-18	191.210007	191.339996	179.720001	182.520004
182.520004					
## 3591	2011-08-19	180.289993	190.000000	177.550003	178.929993
178.929993					
## 3592	2011-08-22	182.830002	184.199997	177.100006	177.539993
177.539993					

## 3593	2011-08-23	178.919998	194.839996	178.520004	193.550003
193.550003					
## 3594	2011-08-24	193.889999	196.309998	190.169998	193.729996
193.729996					
## 3595	2011-08-25	194.410004	196.990005	191.070007	192.029999
192.029999					
## 3596	2011-08-26	191.240005	199.720001	189.600006	199.270004
199.270004					
## 3597	2011-08-29	202.820007	206.669998	202.550003	206.529999
206.529999					
## 3598	2011-08-30	205.779999	212.490005	204.320007	210.919998
210.919998					
## 3599	2011-08-31	212.270004	216.169998	211.350006	215.229996
215.229996					
## 3600	2011-09-01	215.279999	217.639999	211.619995	212.539993
212.539993					
## 3601	2011-09-02	208.940002	210.690002	207.000000	210.000000
210.000000					
## 3602	2011-09-06	204.770004	216.600006	204.470001	216.179993
216.179993					
## 3603	2011-09-07	218.800003	220.190002	214.220001	219.899994
219.899994					
## 3604	2011-09-08	218.300003	220.639999	216.339996	217.259995
217.259995					
## 3605	2011-09-09	215.050003	216.960007	209.750000	211.389999
211.389999					
## 3606	2011-09-12	208.750000	216.660004	208.649994	216.559998
216.559998					
## 3607	2011-09-13	217.789993	219.949997	215.009995	219.529999
219.529999					
## 3608	2011-09-14	220.220001	224.990005	216.720001	222.570007
222.570007					
## 3609	2011-09-15	223.990005	227.199997	221.250000	226.779999
226.779999					
## 3610	2011-09-16	227.570007	240.440002	226.740005	239.300003
239.300003					
## 3611	2011-09-19	237.110001	244.000000	232.880005	241.690002
241.690002					
## 3612	2011-09-20	240.800003	241.050003	231.029999	233.250000
233.250000					
## 3613	2011-09-21	234.509995	240.520004	231.809998	231.869995
231.869995					
## 3614	2011-09-22	224.720001	228.789993	219.000000	223.229996
223.229996					
## 3615	2011-09-23	220.509995	224.490005	219.059998	223.610001
223.610001					
## 3616	2011-09-26	227.479996	230.240005	221.399994	229.850006
229.850006					
## 3617	2011-09-27	234.220001	234.750000	222.399994	224.210007
224.210007					

## 3618	2011-09-28	226.350006	235.809998	225.600006	229.710007
		229.710007			
## 3619	2011-09-29	234.169998	234.300003	216.289993	222.440002
		222.440002			
## 3620	2011-09-30	218.190002	223.000000	215.210007	216.229996
		216.229996			
## 3621	2011-10-03	217.009995	221.600006	211.389999	211.979996
		211.979996			
## 3622	2011-10-04	209.619995	215.000000	200.429993	212.500000
		212.500000			
## 3623	2011-10-05	212.529999	220.169998	208.479996	219.500000
		219.500000			
## 3624	2011-10-06	220.279999	223.619995	217.550003	221.509995
		221.509995			
## 3625	2011-10-07	222.479996	227.899994	218.410004	224.740005
		224.740005			
## 3626	2011-10-10	226.229996	232.800003	224.100006	231.320007
		231.320007			
## 3627	2011-10-11	230.600006	236.750000	229.000000	235.479996
		235.479996			
## 3628	2011-10-12	236.639999	241.839996	234.330002	236.809998
		236.809998			
## 3629	2011-10-13	237.000000	239.679993	235.229996	236.149994
		236.149994			
## 3630	2011-10-14	240.869995	246.710007	240.179993	246.710007
		246.710007			
## 3631	2011-10-17	244.289993	246.710007	240.669998	242.330002
		242.330002			
## 3632	2011-10-18	242.309998	244.610001	236.619995	243.880005
		243.880005			
## 3633	2011-10-19	240.669998	243.330002	229.250000	231.529999
		231.529999			
## 3634	2011-10-20	232.130005	234.740005	229.800003	233.610001
		233.610001			
## 3635	2011-10-21	236.910004	237.000000	230.600006	234.779999
		234.779999			
## 3636	2011-10-24	236.020004	240.470001	234.000000	237.610001
		237.610001			
## 3637	2011-10-25	238.589996	239.009995	225.889999	227.149994
		227.149994			
## 3638	2011-10-26	203.690002	207.580002	196.509995	198.399994
		198.399994			
## 3639	2011-10-27	204.259995	208.600006	201.100006	206.779999
		206.779999			
## 3640	2011-10-28	206.529999	218.399994	205.750000	217.320007
		217.320007			
## 3641	2011-10-31	215.789993	218.889999	213.039993	213.509995
		213.509995			
## 3642	2011-11-01	208.110001	216.210007	207.429993	212.100006
		212.100006			

## 3643	2011-11-02	215.550003	216.789993	212.720001	215.619995
215.619995					
## 3644	2011-11-03	216.300003	218.500000	213.020004	218.289993
218.289993					
## 3645	2011-11-04	217.649994	218.229996	214.330002	216.479996
216.479996					
## 3646	2011-11-07	216.839996	220.199997	214.000000	217.000000
217.000000					
## 3647	2011-11-08	219.199997	219.350006	215.210007	217.990005
217.990005					
## 3648	2011-11-09	214.949997	215.699997	210.600006	211.220001
211.220001					
## 3649	2011-11-10	213.500000	214.059998	208.100006	210.789993
210.789993					
## 3650	2011-11-11	212.520004	217.880005	210.309998	217.389999
217.389999					
## 3651	2011-11-14	215.649994	222.350006	214.250000	218.929993
218.929993					
## 3652	2011-11-15	218.000000	220.330002	214.259995	217.830002
217.830002					
## 3653	2011-11-16	216.270004	216.970001	211.229996	211.990005
211.990005					
## 3654	2011-11-17	212.509995	212.899994	202.100006	204.520004
204.520004					
## 3655	2011-11-18	205.330002	205.339996	197.110001	197.139999
197.139999					
## 3656	2011-11-21	193.289993	193.360001	185.050003	189.250000
189.250000					
## 3657	2011-11-22	186.949997	194.039993	183.580002	192.339996
192.339996					
## 3658	2011-11-23	193.059998	194.600006	187.889999	188.990005
188.990005					
## 3659	2011-11-25	190.410004	190.830002	181.509995	182.399994
182.399994					
## 3660	2011-11-28	191.649994	194.619995	190.539993	194.149994
194.149994					
## 3661	2011-11-29	194.779999	195.500000	187.300003	188.389999
188.389999					
## 3662	2011-11-30	194.759995	195.300003	188.750000	192.289993
192.289993					
## 3663	2011-12-01	191.850006	198.070007	191.589996	197.130005
197.130005					
## 3664	2011-12-02	197.070007	199.660004	195.179993	196.029999
196.029999					
## 3665	2011-12-05	198.860001	199.000000	193.669998	196.240005
196.240005					
## 3666	2011-12-06	195.979996	198.320007	190.110001	191.990005
191.990005					
## 3667	2011-12-07	191.029999	196.710007	189.119995	195.320007
195.320007					

## 3668	2011-12-08	193.570007	195.889999	190.080002	190.479996
190.479996					
## 3669	2011-12-09	191.210007	193.949997	188.399994	193.029999
193.029999					
## 3670	2011-12-12	190.029999	191.149994	187.630005	189.520004
189.520004					
## 3671	2011-12-13	188.559998	189.679993	178.500000	180.509995
180.509995					
## 3672	2011-12-14	179.000000	180.750000	170.250000	180.210007
180.210007					
## 3673	2011-12-15	182.050003	184.800003	179.529999	181.259995
181.259995					
## 3674	2011-12-16	182.419998	184.410004	180.309998	181.259995
181.259995					
## 3675	2011-12-19	182.000000	183.169998	179.000000	179.330002
179.330002					
## 3676	2011-12-20	182.690002	183.169998	180.539993	182.520004
182.520004					
## 3677	2011-12-21	181.919998	183.500000	172.490005	174.350006
174.350006					
## 3678	2011-12-22	175.089996	179.669998	174.210007	179.029999
179.029999					
## 3679	2011-12-23	179.220001	179.679993	175.600006	177.279999
177.279999					
## 3680	2011-12-27	177.729996	178.589996	176.160004	176.270004
176.270004					
## 3681	2011-12-28	176.389999	176.649994	172.279999	173.889999
173.889999					
## 3682	2011-12-29	169.619995	174.550003	166.970001	173.860001
173.860001					
## 3683	2011-12-30	173.360001	175.169998	172.490005	173.100006
173.100006					
## 3684	2012-01-03	175.889999	179.479996	175.550003	179.029999
179.029999					
## 3685	2012-01-04	179.210007	180.500000	176.070007	177.509995
177.509995					
## 3686	2012-01-05	175.940002	178.250000	174.050003	177.610001
177.610001					
## 3687	2012-01-06	178.070007	184.649994	177.500000	182.610001
182.610001					
## 3688	2012-01-09	182.759995	184.369995	177.000000	178.559998
178.559998					
## 3689	2012-01-10	181.100006	182.399994	177.100006	179.339996
179.339996					
## 3690	2012-01-11	179.639999	180.770004	178.190002	178.899994
178.899994					
## 3691	2012-01-12	179.419998	179.490005	175.750000	175.929993
175.929993					
## 3692	2012-01-13	175.809998	178.800003	173.500000	178.419998
178.419998					

## 3693	2012-01-17	180.149994	183.300003	178.509995	181.660004
		181.660004			
## 3694	2012-01-18	181.940002	190.250000	181.119995	189.440002
		189.440002			
## 3695	2012-01-19	190.880005	195.940002	190.360001	194.449997
		194.449997			
## 3696	2012-01-20	190.710007	192.899994	189.039993	190.929993
		190.929993			
## 3697	2012-01-23	190.789993	191.729996	185.229996	186.089996
		186.089996			
## 3698	2012-01-24	185.000000	188.410004	183.820007	187.000000
		187.000000			
## 3699	2012-01-25	186.990005	188.169998	184.610001	187.800003
		187.800003			
## 3700	2012-01-26	189.300003	194.850006	188.729996	193.320007
		193.320007			
## 3701	2012-01-27	193.089996	196.500000	192.330002	195.369995
		195.369995			
## 3702	2012-01-30	193.679993	195.000000	190.130005	192.149994
		192.149994			
## 3703	2012-01-31	194.000000	195.630005	189.699997	194.440002
		194.440002			
## 3704	2012-02-01	173.809998	179.949997	172.000000	179.460007
		179.460007			
## 3705	2012-02-02	179.649994	181.940002	176.800003	181.720001
		181.720001			
## 3706	2012-02-03	182.830002	187.899994	181.889999	187.679993
		187.679993			
## 3707	2012-02-06	186.279999	186.559998	182.919998	183.139999
		183.139999			
## 3708	2012-02-07	182.649994	184.940002	182.059998	184.190002
		184.190002			
## 3709	2012-02-08	184.949997	186.490005	182.910004	185.479996
		185.479996			
## 3710	2012-02-09	184.500000	185.690002	181.759995	184.979996
		184.979996			
## 3711	2012-02-10	183.419998	187.630005	182.520004	185.539993
		185.539993			
## 3712	2012-02-13	187.169998	192.500000	185.679993	191.589996
		191.589996			
## 3713	2012-02-14	191.080002	193.570007	186.100006	191.300003
		191.300003			
## 3714	2012-02-15	191.289993	191.539993	183.259995	184.470001
		184.470001			
## 3715	2012-02-16	177.789993	181.679993	175.139999	179.929993
		179.929993			
## 3716	2012-02-17	180.089996	183.410004	179.360001	182.500000
		182.500000			
## 3717	2012-02-21	182.649994	184.750000	180.580002	182.259995
		182.259995			

## 3718	2012-02-22	181.949997	182.990005	180.289993	180.580002
180.580002					
## 3719	2012-02-23	179.639999	180.750000	176.960007	178.889999
178.889999					
## 3720	2012-02-24	179.699997	180.740005	178.369995	179.130005
179.130005					
## 3721	2012-02-27	177.539993	179.190002	176.500000	178.529999
178.529999					
## 3722	2012-02-28	178.899994	184.289993	177.949997	183.800003
183.800003					
## 3723	2012-02-29	183.889999	184.000000	179.009995	179.690002
179.690002					
## 3724	2012-03-01	179.889999	180.490005	176.580002	180.039993
180.039993					
## 3725	2012-03-02	179.479996	181.839996	178.919998	179.300003
179.300003					
## 3726	2012-03-05	179.000000	181.820007	178.179993	180.259995
180.259995					
## 3727	2012-03-06	178.679993	183.500000	178.039993	181.089996
181.089996					
## 3728	2012-03-07	182.649994	185.500000	182.399994	183.770004
183.770004					
## 3729	2012-03-08	184.169998	188.380005	183.800003	187.639999
187.639999					
## 3730	2012-03-09	186.789993	187.199997	183.440002	184.320007
184.320007					
## 3731	2012-03-12	184.130005	185.399994	182.199997	183.389999
183.389999					
## 3732	2012-03-13	183.919998	184.869995	180.770004	184.589996
184.589996					
## 3733	2012-03-14	183.649994	184.320007	181.139999	182.259995
182.259995					
## 3734	2012-03-15	182.020004	184.429993	180.300003	184.429993
184.429993					
## 3735	2012-03-16	183.279999	185.679993	182.350006	185.050003
185.050003					
## 3736	2012-03-19	183.449997	186.679993	183.000000	185.520004
185.520004					
## 3737	2012-03-20	184.880005	194.410004	182.880005	192.330002
192.330002					
## 3738	2012-03-21	192.500000	194.279999	191.259995	191.729996
191.729996					
## 3739	2012-03-22	190.539993	194.059998	190.259995	192.399994
192.399994					
## 3740	2012-03-23	192.009995	196.199997	191.800003	195.039993
195.039993					
## 3741	2012-03-26	196.479996	202.970001	195.500000	202.869995
202.869995					
## 3742	2012-03-27	203.589996	209.850006	202.880005	205.440002
205.440002					

## 3743	2012-03-28	206.139999	207.000000	200.309998	201.160004
		201.160004			
## 3744	2012-03-29	201.279999	205.309998	200.630005	204.610001
		204.610001			
## 3745	2012-03-30	205.020004	206.850006	201.869995	202.509995
		202.509995			
## 3746	2012-04-02	198.020004	199.899994	197.000000	198.050003
		198.050003			
## 3747	2012-04-03	198.240005	202.389999	197.500000	199.660004
		199.660004			
## 3748	2012-04-04	196.949997	197.679993	192.360001	193.990005
		193.990005			
## 3749	2012-04-05	193.550003	196.029999	193.550003	194.389999
		194.389999			
## 3750	2012-04-09	192.020004	194.199997	190.500000	191.869995
		191.869995			
## 3751	2012-04-10	192.750000	193.520004	186.570007	186.979996
		186.979996			
## 3752	2012-04-11	189.630005	191.970001	186.789993	187.970001
		187.970001			
## 3753	2012-04-12	188.059998	192.259995	185.610001	190.690002
		190.690002			
## 3754	2012-04-13	189.899994	189.940002	186.259995	188.460007
		188.460007			
## 3755	2012-04-16	189.009995	189.470001	183.649994	185.500000
		185.500000			
## 3756	2012-04-17	187.210007	190.039993	186.869995	188.389999
		188.389999			
## 3757	2012-04-18	188.820007	193.449997	188.740005	191.070007
		191.070007			
## 3758	2012-04-19	192.929993	194.550003	189.750000	191.100006
		191.100006			
## 3759	2012-04-20	192.339996	193.479996	189.800003	189.979996
		189.979996			
## 3760	2012-04-23	188.990005	188.990005	185.509995	188.240005
		188.240005			
## 3761	2012-04-24	188.679993	190.699997	186.509995	190.330002
		190.330002			
## 3762	2012-04-25	191.669998	194.800003	191.600006	194.419998
		194.419998			
## 3763	2012-04-26	193.570007	196.360001	193.020004	195.990005
		195.990005			
## 3764	2012-04-27	224.830002	228.690002	220.220001	226.850006
		226.850006			
## 3765	2012-04-30	223.949997	233.839996	223.050003	231.899994
		231.899994			
## 3766	2012-05-01	229.399994	232.970001	228.399994	230.039993
		230.039993			
## 3767	2012-05-02	227.820007	231.440002	227.399994	230.250000
		230.250000			

## 3768	2012-05-03	229.740005	232.529999	228.029999	229.449997
		229.449997			
## 3769	2012-05-04	227.800003	229.720001	223.740005	223.990005
		223.990005			
## 3770	2012-05-07	222.360001	226.869995	222.289993	225.160004
		225.160004			
## 3771	2012-05-08	223.149994	225.389999	218.199997	223.899994
		223.899994			
## 3772	2012-05-09	220.589996	225.779999	220.160004	222.979996
		222.979996			
## 3773	2012-05-10	223.910004	229.080002	221.949997	226.690002
		226.690002			
## 3774	2012-05-11	225.949997	230.679993	225.729996	227.679993
		227.679993			
## 3775	2012-05-14	225.600006	227.289993	222.509995	222.929993
		222.929993			
## 3776	2012-05-15	226.500000	230.610001	223.000000	224.389999
		224.389999			
## 3777	2012-05-16	225.000000	228.000000	222.500000	224.059998
		224.059998			
## 3778	2012-05-17	225.050003	226.000000	218.089996	218.360001
		218.360001			
## 3779	2012-05-18	219.410004	219.630005	212.809998	213.850006
		213.850006			
## 3780	2012-05-21	214.029999	219.979996	212.820007	218.110001
		218.110001			
## 3781	2012-05-22	218.309998	218.869995	213.960007	215.330002
		215.330002			
## 3782	2012-05-23	214.710007	217.550003	211.179993	217.279999
		217.279999			
## 3783	2012-05-24	216.979996	217.660004	212.699997	215.240005
		215.240005			
## 3784	2012-05-25	214.990005	215.979996	212.220001	212.889999
		212.889999			
## 3785	2012-05-29	214.300003	216.550003	212.289993	214.750000
		214.750000			
## 3786	2012-05-30	212.139999	212.979996	207.750000	209.229996
		209.229996			
## 3787	2012-05-31	209.479996	213.789993	207.110001	212.910004
		212.910004			
## 3788	2012-06-01	208.440002	211.229996	207.300003	208.220001
		208.220001			
## 3789	2012-06-04	207.399994	215.350006	206.369995	214.570007
		214.570007			
## 3790	2012-06-05	213.850006	216.860001	211.160004	213.210007
		213.210007			
## 3791	2012-06-06	214.630005	218.399994	214.520004	217.639999
		217.639999			
## 3792	2012-06-07	219.649994	221.490005	218.110001	218.800003
		218.800003			

## 3793	2012-06-08	218.610001	219.419998	216.660004	218.479996
		218.479996			
## 3794	2012-06-11	217.490005	220.869995	215.199997	216.500000
		216.500000			
## 3795	2012-06-12	217.649994	218.000000	214.520004	216.419998
		216.419998			
## 3796	2012-06-13	215.520004	217.380005	213.520004	214.729996
		214.729996			
## 3797	2012-06-14	215.259995	216.500000	212.559998	214.449997
		214.449997			
## 3798	2012-06-15	215.289993	219.330002	214.460007	218.350006
		218.350006			
## 3799	2012-06-18	217.279999	223.759995	216.729996	222.660004
		222.660004			
## 3800	2012-06-19	223.259995	225.199997	221.660004	224.029999
		224.029999			
## 3801	2012-06-20	224.509995	224.740005	220.839996	223.020004
		223.020004			
## 3802	2012-06-21	223.839996	226.029999	220.520004	220.570007
		220.570007			
## 3803	2012-06-22	221.830002	222.509995	219.350006	222.160004
		222.160004			
## 3804	2012-06-25	220.300003	221.589996	218.000000	220.070007
		220.070007			
## 3805	2012-06-26	221.449997	226.389999	221.449997	225.610001
		225.610001			
## 3806	2012-06-27	225.009995	227.500000	223.300003	225.619995
		225.619995			
## 3807	2012-06-28	223.919998	224.619995	218.750000	221.309998
		221.309998			
## 3808	2012-06-29	224.699997	228.350006	223.710007	228.350006
		228.350006			
## 3809	2012-07-02	229.300003	229.339996	226.339996	229.320007
		229.320007			
## 3810	2012-07-03	229.139999	229.529999	227.589996	229.529999
		229.529999			
## 3811	2012-07-05	228.619995	230.500000	226.529999	227.059998
		227.059998			
## 3812	2012-07-06	226.350006	228.899994	224.179993	225.050003
		225.050003			
## 3813	2012-07-09	225.000000	226.000000	223.449997	225.050003
		225.050003			
## 3814	2012-07-10	226.250000	227.139999	218.279999	219.500000
		219.500000			
## 3815	2012-07-11	218.949997	221.740005	215.339996	218.369995
		218.369995			
## 3816	2012-07-12	216.610001	217.300003	212.610001	215.360001
		215.360001			
## 3817	2012-07-13	215.630005	219.309998	213.880005	218.389999
		218.389999			

## 3818	2012-07-16	216.600006	218.309998	214.460007	216.009995
		216.009995			
## 3819	2012-07-17	217.449997	217.940002	213.960007	216.929993
		216.929993			
## 3820	2012-07-18	216.149994	218.669998	215.710007	217.470001
		217.470001			
## 3821	2012-07-19	220.729996	227.500000	220.690002	226.169998
		226.169998			
## 3822	2012-07-20	225.360001	229.389999	225.289993	228.289993
		228.289993			
## 3823	2012-07-23	224.720001	226.580002	221.539993	226.009995
		226.009995			
## 3824	2012-07-24	226.270004	226.610001	221.229996	223.039993
		223.039993			
## 3825	2012-07-25	222.000000	222.500000	215.910004	217.050003
		217.050003			
## 3826	2012-07-26	220.000000	221.449997	214.949997	220.009995
		220.009995			
## 3827	2012-07-27	225.250000	238.339996	224.500000	237.320007
		237.320007			
## 3828	2012-07-30	237.000000	240.740005	234.070007	236.089996
		236.089996			
## 3829	2012-07-31	235.100006	236.300003	231.610001	233.300003
		233.300003			
## 3830	2012-08-01	234.139999	234.380005	230.699997	232.089996
		232.089996			
## 3831	2012-08-02	230.559998	234.339996	228.660004	230.809998
		230.809998			
## 3832	2012-08-03	234.029999	236.490005	233.029999	234.970001
		234.970001			
## 3833	2012-08-06	235.559998	235.740005	233.809998	233.990005
		233.990005			
## 3834	2012-08-07	234.130005	238.000000	233.250000	236.559998
		236.559998			
## 3835	2012-08-08	235.289993	236.449997	233.589996	234.380005
		234.380005			
## 3836	2012-08-09	233.929993	235.990005	233.500000	234.059998
		234.059998			
## 3837	2012-08-10	233.080002	234.850006	231.429993	232.750000
		232.750000			
## 3838	2012-08-13	232.229996	234.369995	231.000000	232.440002
		232.440002			
## 3839	2012-08-14	234.710007	236.720001	232.619995	233.190002
		233.190002			
## 3840	2012-08-15	232.259995	238.139999	232.250000	237.419998
		237.419998			
## 3841	2012-08-16	237.720001	242.820007	236.199997	241.550003
		241.550003			
## 3842	2012-08-17	240.600006	243.350006	240.470001	241.169998
		241.169998			

## 3843	2012-08-20	241.369995	241.649994	238.199997	240.350006
		240.350006			
## 3844	2012-08-21	240.880005	243.850006	238.550003	239.449997
		239.449997			
## 3845	2012-08-22	239.399994	244.899994	238.800003	243.100006
		243.100006			
## 3846	2012-08-23	242.139999	243.479996	239.020004	241.199997
		241.199997			
## 3847	2012-08-24	241.679993	246.869995	241.360001	245.740005
		245.740005			
## 3848	2012-08-27	245.789993	247.500000	243.119995	243.919998
		243.919998			
## 3849	2012-08-28	243.970001	246.779999	243.000000	246.110001
		246.110001			
## 3850	2012-08-29	246.779999	247.610001	244.589996	247.119995
		247.119995			
## 3851	2012-08-30	246.990005	250.000000	245.250000	246.220001
		246.220001			
## 3852	2012-08-31	248.070007	249.449997	245.500000	248.270004
		248.270004			
## 3853	2012-09-04	248.270004	251.000000	244.660004	247.880005
		247.880005			
## 3854	2012-09-05	247.610001	248.610001	245.300003	246.220001
		246.220001			
## 3855	2012-09-06	248.229996	252.699997	247.199997	251.380005
		251.380005			
## 3856	2012-09-07	253.850006	259.420013	253.520004	259.140015
		259.140015			
## 3857	2012-09-10	259.000000	260.000000	256.820007	257.089996
		257.089996			
## 3858	2012-09-11	257.600006	257.600006	254.259995	255.669998
		255.669998			
## 3859	2012-09-12	256.500000	257.779999	253.500000	255.630005
		255.630005			
## 3860	2012-09-13	254.940002	262.000000	253.800003	260.239990
		260.239990			
## 3861	2012-09-14	261.399994	264.109985	259.769989	261.269989
		261.269989			
## 3862	2012-09-17	261.250000	261.250000	257.000000	258.000000
		258.000000			
## 3863	2012-09-18	258.480011	260.500000	257.000000	258.750000
		258.750000			
## 3864	2012-09-19	259.450012	262.839996	258.529999	261.679993
		261.679993			
## 3865	2012-09-20	260.029999	260.869995	258.000000	260.809998
		260.809998			
## 3866	2012-09-21	261.739990	262.000000	256.739990	257.470001
		257.470001			
## 3867	2012-09-24	255.220001	255.600006	253.000000	254.800003
		254.800003			

## 3868	2012-09-25	256.329987	258.950012	251.029999	252.460007
		252.460007			
## 3869	2012-09-26	252.399994	254.610001	248.229996	249.669998
		249.669998			
## 3870	2012-09-27	250.539993	257.399994	250.520004	256.589996
		256.589996			
## 3871	2012-09-28	256.140015	257.000000	253.199997	254.320007
		254.320007			
## 3872	2012-10-01	255.399994	256.160004	250.490005	252.009995
		252.009995			
## 3873	2012-10-02	252.800003	253.149994	249.029999	250.600006
		250.600006			
## 3874	2012-10-03	251.210007	256.100006	249.559998	255.919998
		255.919998			
## 3875	2012-10-04	256.010010	261.519989	255.869995	260.470001
		260.470001			
## 3876	2012-10-05	261.200012	261.899994	257.489990	258.510010
		258.510010			
## 3877	2012-10-08	257.670013	259.799988	255.559998	259.059998
		259.059998			
## 3878	2012-10-09	258.670013	259.350006	250.729996	250.960007
		250.960007			
## 3879	2012-10-10	252.000000	252.460007	244.009995	244.990005
		244.990005			
## 3880	2012-10-11	248.000000	249.300003	241.889999	244.220001
		244.220001			
## 3881	2012-10-12	243.179993	245.460007	241.910004	242.360001
		242.360001			
## 3882	2012-10-15	242.850006	244.779999	238.509995	244.179993
		244.179993			
## 3883	2012-10-16	244.869995	245.770004	242.080002	243.940002
		243.940002			
## 3884	2012-10-17	243.369995	248.800003	243.300003	247.490005
		247.490005			
## 3885	2012-10-18	247.770004	250.910004	242.699997	244.850006
		244.850006			
## 3886	2012-10-19	245.160004	246.820007	238.940002	240.000000
		240.000000			
## 3887	2012-10-22	238.809998	238.949997	232.320007	233.779999
		233.779999			
## 3888	2012-10-23	231.050003	236.500000	230.009995	234.309998
		234.309998			
## 3889	2012-10-24	235.880005	235.940002	227.949997	228.490005
		228.490005			
## 3890	2012-10-25	230.919998	230.919998	222.919998	222.919998
		222.919998			
## 3891	2012-10-26	228.600006	238.710007	226.690002	238.240005
		238.240005			
## 3892	2012-10-31	236.320007	238.699997	230.500000	232.889999
		232.889999			

## 3893	2012-11-01	234.229996	234.550003	231.339996	232.139999
		232.139999			
## 3894	2012-11-02	234.009995	237.399994	232.110001	232.419998
		232.419998			
## 3895	2012-11-05	232.039993	234.830002	230.110001	234.330002
		234.330002			
## 3896	2012-11-06	235.410004	237.750000	234.449997	237.559998
		237.559998			
## 3897	2012-11-07	235.649994	235.660004	229.419998	232.059998
		232.059998			
## 3898	2012-11-08	232.220001	233.449997	227.100006	227.350006
		227.350006			
## 3899	2012-11-09	226.259995	230.970001	224.600006	226.309998
		226.309998			
## 3900	2012-11-12	226.589996	229.220001	225.410004	226.470001
		226.470001			
## 3901	2012-11-13	225.119995	227.899994	224.710007	226.600006
		226.600006			
## 3902	2012-11-14	226.500000	227.410004	222.509995	222.949997
		222.949997			
## 3903	2012-11-15	222.300003	225.160004	218.179993	220.600006
		220.600006			
## 3904	2012-11-16	221.309998	226.250000	218.639999	225.229996
		225.229996			
## 3905	2012-11-19	228.320007	232.500000	227.449997	229.710007
		229.710007			
## 3906	2012-11-20	230.000000	233.820007	229.500000	233.779999
		233.779999			
## 3907	2012-11-21	233.839996	238.669998	232.750000	238.029999
		238.029999			
## 3908	2012-11-23	239.889999	240.000000	236.479996	239.880005
		239.880005			
## 3909	2012-11-26	240.389999	244.320007	238.000000	243.619995
		243.619995			
## 3910	2012-11-27	243.220001	245.669998	241.539993	243.399994
		243.399994			
## 3911	2012-11-28	242.449997	247.229996	241.500000	247.110001
		247.110001			
## 3912	2012-11-29	248.050003	252.479996	247.500000	251.270004
		251.270004			
## 3913	2012-11-30	250.380005	252.649994	248.270004	252.050003
		252.050003			
## 3914	2012-12-03	252.539993	254.160004	250.000000	250.330002
		250.330002			
## 3915	2012-12-04	249.940002	253.000000	248.660004	252.490005
		252.490005			
## 3916	2012-12-05	252.440002	255.550003	250.380005	253.960007
		253.960007			
## 3917	2012-12-06	253.000000	255.169998	251.509995	253.369995
		253.369995			

## 3918	2012-12-07	254.139999	255.210007	252.009995	253.270004
		253.270004			
## 3919	2012-12-10	253.100006	254.779999	247.300003	247.770004
		247.770004			
## 3920	2012-12-11	248.500000	253.479996	246.649994	250.690002
		250.690002			
## 3921	2012-12-12	251.070007	254.360001	250.059998	251.759995
		251.759995			
## 3922	2012-12-13	251.110001	254.539993	250.020004	251.250000
		251.250000			
## 3923	2012-12-14	250.110001	251.899994	247.789993	249.190002
		249.190002			
## 3924	2012-12-17	249.809998	254.000000	249.259995	253.860001
		253.860001			
## 3925	2012-12-18	254.570007	263.109985	254.570007	260.399994
		260.399994			
## 3926	2012-12-19	261.299988	261.670013	257.679993	257.989990
		257.989990			
## 3927	2012-12-20	258.359985	262.410004	256.540009	261.500000
		261.500000			
## 3928	2012-12-21	257.820007	258.380005	255.740005	256.920013
		256.920013			
## 3929	2012-12-24	257.299988	259.500000	256.959991	258.619995
		258.619995			
## 3930	2012-12-26	257.149994	257.420013	248.039993	248.630005
		248.630005			
## 3931	2012-12-27	248.279999	249.350006	242.860001	248.309998
		248.309998			
## 3932	2012-12-28	245.850006	247.440002	245.050003	245.179993
		245.179993			
## 3933	2012-12-31	243.750000	252.410004	242.750000	250.869995
		250.869995			
## 3934	2013-01-02	256.079987	258.100006	253.259995	257.309998
		257.309998			
## 3935	2013-01-03	257.269989	260.880005	256.369995	258.480011
		258.480011			
## 3936	2013-01-04	257.579987	259.799988	256.649994	259.149994
		259.149994			
## 3937	2013-01-07	262.970001	269.730011	262.670013	268.459991
		268.459991			
## 3938	2013-01-08	267.070007	268.980011	263.570007	266.380005
		266.380005			
## 3939	2013-01-09	268.170013	269.500000	265.399994	266.350006
		266.350006			
## 3940	2013-01-10	268.540009	268.739990	262.299988	265.339996
		265.339996			
## 3941	2013-01-11	265.100006	268.429993	264.109985	267.940002
		267.940002			
## 3942	2013-01-14	268.000000	274.260010	267.540009	272.730011
		272.730011			

## 3943	2013-01-15	270.679993	272.730011	269.299988	271.899994
		271.899994			
## 3944	2013-01-16	270.529999	271.239990	267.829987	268.929993
		268.929993			
## 3945	2013-01-17	271.500000	271.970001	269.209991	270.480011
		270.480011			
## 3946	2013-01-18	270.829987	274.500000	269.600006	272.119995
		272.119995			
## 3947	2013-01-22	271.619995	272.100006	269.230011	270.190002
		270.190002			
## 3948	2013-01-23	270.570007	271.089996	266.649994	268.109985
		268.109985			
## 3949	2013-01-24	269.369995	276.649994	269.369995	273.459991
		273.459991			
## 3950	2013-01-25	275.000000	284.720001	274.399994	283.989990
		283.989990			
## 3951	2013-01-28	283.779999	284.480011	274.399994	276.040009
		276.040009			
## 3952	2013-01-29	275.350006	275.459991	258.350006	260.350006
		260.350006			
## 3953	2013-01-30	283.000000	284.200012	267.109985	272.760010
		272.760010			
## 3954	2013-01-31	271.040009	275.940002	263.700012	265.500000
		265.500000			
## 3955	2013-02-01	268.929993	268.929993	262.799988	265.000000
		265.000000			
## 3956	2013-02-04	262.779999	264.679993	259.070007	259.980011
		259.980011			
## 3957	2013-02-05	262.000000	268.029999	261.459991	266.890015
		266.890015			
## 3958	2013-02-06	265.160004	266.890015	261.109985	262.220001
		262.220001			
## 3959	2013-02-07	264.100006	264.100006	255.110001	260.230011
		260.230011			
## 3960	2013-02-08	261.399994	265.250000	260.549988	261.950012
		261.950012			
## 3961	2013-02-11	263.200012	263.250000	256.600006	257.209991
		257.209991			
## 3962	2013-02-12	259.190002	260.160004	257.000000	258.700012
		258.700012			
## 3963	2013-02-13	261.529999	269.959991	260.299988	269.470001
		269.470001			
## 3964	2013-02-14	267.369995	270.649994	265.399994	269.239990
		269.239990			
## 3965	2013-02-15	267.630005	268.920013	263.109985	265.089996
		265.089996			
## 3966	2013-02-19	265.910004	270.109985	264.500000	269.750000
		269.750000			
## 3967	2013-02-20	270.200012	274.299988	266.369995	266.410004
		266.410004			

## 3968	2013-02-21	265.119995	269.480011	263.250000	265.940002
		265.940002			
## 3969	2013-02-22	266.619995	267.109985	261.609985	265.420013
		265.420013			
## 3970	2013-02-25	266.940002	268.690002	259.649994	259.869995
		259.869995			
## 3971	2013-02-26	260.890015	262.040009	255.729996	259.359985
		259.359985			
## 3972	2013-02-27	259.399994	265.829987	256.859985	263.250000
		263.250000			
## 3973	2013-02-28	261.809998	267.000000	260.630005	264.269989
		264.269989			
## 3974	2013-03-01	263.269989	266.600006	261.040009	265.739990
		265.739990			
## 3975	2013-03-04	265.359985	273.299988	264.140015	273.109985
		273.109985			
## 3976	2013-03-05	274.000000	276.679993	269.989990	275.589996
		275.589996			
## 3977	2013-03-06	275.760010	276.489990	271.829987	273.790009
		273.790009			
## 3978	2013-03-07	274.100006	274.799988	271.850006	273.880005
		273.880005			
## 3979	2013-03-08	275.000000	275.440002	271.500000	274.190002
		274.190002			
## 3980	2013-03-11	273.429993	273.989990	270.399994	271.239990
		271.239990			
## 3981	2013-03-12	271.000000	277.399994	270.359985	274.130005
		274.130005			
## 3982	2013-03-13	275.239990	276.500000	272.640015	275.100006
		275.100006			
## 3983	2013-03-14	269.670013	270.000000	263.529999	265.739990
		265.739990			
## 3984	2013-03-15	264.980011	267.260010	260.049988	261.820007
		261.820007			
## 3985	2013-03-18	259.299988	261.489990	257.119995	257.890015
		257.890015			
## 3986	2013-03-19	258.399994	259.500000	252.619995	256.410004
		256.410004			
## 3987	2013-03-20	258.049988	259.760010	254.550003	257.279999
		257.279999			
## 3988	2013-03-21	256.109985	257.000000	252.679993	253.389999
		253.389999			
## 3989	2013-03-22	254.550003	257.769989	252.070007	257.750000
		257.750000			
## 3990	2013-03-25	258.579987	259.429993	254.500000	256.019989
		256.019989			
## 3991	2013-03-26	257.049988	261.480011	256.279999	260.309998
		260.309998			
## 3992	2013-03-27	258.750000	265.929993	257.899994	265.299988
		265.299988			

## 3993	2013-03-28	265.820007	267.380005	264.059998	266.489990
		266.489990			
## 3994	2013-04-01	266.980011	267.399994	261.010010	261.609985
		261.609985			
## 3995	2013-04-02	262.399994	265.890015	260.549988	263.320007
		263.320007			
## 3996	2013-04-03	262.119995	263.670013	257.750000	259.029999
		259.029999			
## 3997	2013-04-04	259.230011	260.410004	256.119995	259.079987
		259.079987			
## 3998	2013-04-05	255.720001	256.179993	253.669998	255.479996
		255.479996			
## 3999	2013-04-08	255.919998	259.679993	255.630005	258.950012
		258.950012			
## 4000	2013-04-09	258.850006	262.609985	257.000000	261.140015
		261.140015			
## 4001	2013-04-10	261.779999	265.980011	259.320007	264.769989
		264.769989			
## 4002	2013-04-11	264.739990	270.970001	264.739990	269.850006
		269.850006			
## 4003	2013-04-12	270.119995	273.269989	267.019989	272.869995
		272.869995			
## 4004	2013-04-15	271.079987	275.119995	267.100006	267.720001
		267.720001			
## 4005	2013-04-16	269.309998	272.799988	268.059998	272.339996
		272.339996			
## 4006	2013-04-17	270.799988	270.850006	264.250000	267.399994
		267.399994			
## 4007	2013-04-18	266.809998	266.989990	256.600006	259.420013
		259.420013			
## 4008	2013-04-19	258.160004	262.880005	257.500000	260.320007
		260.320007			
## 4009	2013-04-22	259.350006	264.600006	258.029999	263.549988
		263.549988			
## 4010	2013-04-23	264.500000	269.869995	264.500000	268.899994
		268.899994			
## 4011	2013-04-24	269.500000	271.470001	266.809998	268.779999
		268.779999			
## 4012	2013-04-25	271.529999	275.799988	270.500000	274.700012
		274.700012			
## 4013	2013-04-26	269.970001	272.019989	252.809998	254.809998
		254.809998			
## 4014	2013-04-29	254.899994	257.010010	249.149994	249.740005
		249.740005			
## 4015	2013-04-30	249.369995	254.679993	248.559998	253.809998
		253.809998			
## 4016	2013-05-01	253.899994	254.199997	245.750000	248.229996
		248.229996			
## 4017	2013-05-02	248.940002	252.929993	245.779999	252.550003
		252.550003			

## 4018	2013-05-03	256.140015	259.250000	254.699997	258.049988
258.049988					
## 4019	2013-05-06	258.089996	259.500000	253.419998	255.720001
255.720001					
## 4020	2013-05-07	256.309998	259.739990	252.910004	257.730011
257.730011					
## 4021	2013-05-08	256.869995	260.299988	255.330002	258.679993
258.679993					
## 4022	2013-05-09	258.730011	263.549988	256.880005	260.160004
260.160004					
## 4023	2013-05-10	260.880005	263.649994	260.209991	263.630005
263.630005					
## 4024	2013-05-13	262.769989	265.880005	262.000000	264.510010
264.510010					
## 4025	2013-05-14	264.500000	269.399994	264.029999	268.329987
268.329987					
## 4026	2013-05-15	267.070007	269.049988	264.559998	266.559998
266.559998					
## 4027	2013-05-16	265.959991	268.429993	263.850006	264.119995
264.119995					
## 4028	2013-05-17	265.829987	269.980011	265.000000	269.899994
269.899994					
## 4029	2013-05-20	269.000000	271.790009	266.500000	267.630005
267.630005					
## 4030	2013-05-21	268.739990	270.769989	267.660004	268.859985
268.859985					
## 4031	2013-05-22	267.390015	267.589996	260.799988	262.959991
262.959991					
## 4032	2013-05-23	260.489990	263.170013	259.589996	261.799988
261.799988					
## 4033	2013-05-24	259.850006	261.929993	258.339996	261.739990
261.739990					
## 4034	2013-05-28	266.480011	271.100006	266.000000	267.290009
267.290009					
## 4035	2013-05-29	265.459991	268.250000	264.839996	265.529999
265.529999					
## 4036	2013-05-30	265.709991	268.570007	265.609985	266.829987
266.829987					
## 4037	2013-05-31	266.000000	271.910004	265.940002	269.200012
269.200012					
## 4038	2013-06-03	268.959991	269.109985	262.950012	266.880005
266.880005					
## 4039	2013-06-04	267.000000	268.880005	263.019989	265.700012
265.700012					
## 4040	2013-06-05	265.809998	271.660004	265.019989	267.170013
267.170013					
## 4041	2013-06-06	267.750000	270.500000	264.209991	267.829987
267.829987					
## 4042	2013-06-07	269.739990	280.100006	269.130005	276.869995
276.869995					

## 4043	2013-06-10	276.679993	282.470001	275.239990	281.070007
281.070007					
## 4044	2013-06-11	276.000000	278.410004	274.239990	274.779999
274.779999					
## 4045	2013-06-12	276.600006	276.799988	270.450012	271.670013
271.670013					
## 4046	2013-06-13	271.500000	276.799988	270.290009	275.790009
275.790009					
## 4047	2013-06-14	275.000000	277.070007	273.440002	273.989990
273.989990					
## 4048	2013-06-17	276.350006	280.200012	275.649994	278.059998
278.059998					
## 4049	2013-06-18	279.079987	282.910004	278.109985	281.760010
281.760010					
## 4050	2013-06-19	281.260010	283.339996	277.869995	278.160004
278.160004					
## 4051	2013-06-20	275.140015	278.600006	272.390015	273.440002
273.440002					
## 4052	2013-06-21	274.570007	275.839996	269.790009	273.359985
273.359985					
## 4053	2013-06-24	271.290009	273.160004	265.000000	270.609985
270.609985					
## 4054	2013-06-25	272.299988	273.470001	269.000000	272.089996
272.089996					
## 4055	2013-06-26	273.980011	277.980011	273.500000	277.570007
277.570007					
## 4056	2013-06-27	279.179993	280.200012	274.540009	277.549988
277.549988					
## 4057	2013-06-28	276.190002	279.829987	276.190002	277.690002
277.690002					
## 4058	2013-07-01	279.000000	283.290009	277.160004	282.100006
282.100006					
## 4059	2013-07-02	281.040009	286.579987	280.589996	283.730011
283.730011					
## 4060	2013-07-03	282.000000	285.399994	282.000000	284.029999
284.029999					
## 4061	2013-07-05	285.000000	286.380005	282.070007	285.880005
285.880005					
## 4062	2013-07-08	286.420013	291.670013	286.140015	290.589996
290.589996					
## 4063	2013-07-09	291.000000	292.570007	288.010010	291.529999
291.529999					
## 4064	2013-07-10	291.410004	293.339996	289.399994	292.329987
292.329987					
## 4065	2013-07-11	294.989990	300.690002	292.100006	299.660004
299.660004					
## 4066	2013-07-12	298.690002	307.549988	298.500000	307.549988
307.549988					
## 4067	2013-07-15	307.269989	307.989990	304.350006	306.570007
306.570007					

## 4068	2013-07-16	307.299988	309.390015	305.510010	306.869995
306.869995					
## 4069	2013-07-17	306.970001	308.799988	305.690002	308.690002
308.690002					
## 4070	2013-07-18	306.269989	306.339996	301.869995	304.109985
304.109985					
## 4071	2013-07-19	304.390015	305.790009	301.910004	305.230011
305.230011					
## 4072	2013-07-22	309.250000	309.250000	302.000000	303.480011
303.480011					
## 4073	2013-07-23	303.160004	305.059998	300.559998	301.059998
301.059998					
## 4074	2013-07-24	303.019989	303.839996	298.040009	298.940002
298.940002					
## 4075	2013-07-25	299.000000	304.500000	296.750000	303.399994
303.399994					
## 4076	2013-07-26	299.549988	313.619995	295.549988	312.010010
312.010010					
## 4077	2013-07-29	311.070007	313.000000	305.899994	306.100006
306.100006					
## 4078	2013-07-30	307.720001	309.779999	301.570007	302.410004
302.410004					
## 4079	2013-07-31	303.910004	305.149994	301.000000	301.220001
301.220001					
## 4080	2013-08-01	303.079987	306.209991	298.899994	305.570007
305.570007					
## 4081	2013-08-02	304.630005	305.329987	301.500000	304.209991
304.209991					
## 4082	2013-08-05	303.399994	303.619995	298.299988	300.989990
300.989990					
## 4083	2013-08-06	300.510010	301.359985	297.519989	300.750000
300.750000					
## 4084	2013-08-07	300.149994	300.989990	296.149994	296.910004
296.910004					
## 4085	2013-08-08	298.519989	298.519989	292.549988	295.739990
295.739990					
## 4086	2013-08-09	295.679993	299.269989	294.299988	297.260010
297.260010					
## 4087	2013-08-12	295.790009	299.079987	295.260010	296.690002
296.690002					
## 4088	2013-08-13	295.880005	296.369995	290.670013	293.970001
293.970001					
## 4089	2013-08-14	294.290009	294.290009	290.540009	291.339996
291.339996					
## 4090	2013-08-15	288.790009	289.299988	285.149994	286.470001
286.470001					
## 4091	2013-08-16	286.549988	288.329987	284.500000	284.820007
284.820007					
## 4092	2013-08-19	285.190002	289.559998	283.480011	285.570007
285.570007					

## 4093	2013-08-20	285.880005	289.510010	285.739990	287.089996
		287.089996			
## 4094	2013-08-21	285.089996	288.500000	283.829987	284.570007
		284.570007			
## 4095	2013-08-22	284.799988	289.869995	284.799988	289.730011
		289.730011			
## 4096	2013-08-23	291.209991	291.500000	287.899994	290.010010
		290.010010			
## 4097	2013-08-26	290.429993	291.049988	285.619995	286.209991
		286.209991			
## 4098	2013-08-27	283.869995	285.279999	279.739990	280.929993
		280.929993			
## 4099	2013-08-28	280.359985	283.000000	279.329987	281.579987
		281.579987			
## 4100	2013-08-29	281.450012	285.980011	280.000000	283.980011
		283.980011			
## 4101	2013-08-30	284.589996	284.869995	280.000000	280.980011
		280.980011			
## 4102	2013-09-03	284.730011	291.390015	284.170013	288.799988
		288.799988			
## 4103	2013-09-04	288.329987	295.230011	287.579987	293.640015
		293.640015			
## 4104	2013-09-05	293.630005	297.000000	292.709991	294.100006
		294.100006			
## 4105	2013-09-06	295.329987	298.880005	290.799988	295.859985
		295.859985			
## 4106	2013-09-09	297.220001	299.959991	296.600006	299.709991
		299.709991			
## 4107	2013-09-10	300.549988	301.000000	297.220001	300.359985
		300.359985			
## 4108	2013-09-11	298.910004	301.859985	297.839996	299.640015
		299.640015			
## 4109	2013-09-12	299.390015	302.000000	297.660004	298.859985
		298.859985			
## 4110	2013-09-13	300.140015	300.220001	296.200012	297.920013
		297.920013			
## 4111	2013-09-16	299.820007	301.000000	295.260010	296.059998
		296.059998			
## 4112	2013-09-17	297.630005	304.649994	296.010010	304.170013
		304.170013			
## 4113	2013-09-18	304.059998	312.739990	302.910004	312.029999
		312.029999			
## 4114	2013-09-19	313.769989	314.540009	311.040009	312.059998
		312.059998			
## 4115	2013-09-20	312.540009	320.570007	312.410004	316.339996
		316.339996			
## 4116	2013-09-23	314.010010	315.899994	308.769989	311.489990
		311.489990			
## 4117	2013-09-24	312.429993	318.079987	311.279999	314.130005
		314.130005			

## 4118	2013-09-25	314.529999	316.709991	310.750000	312.649994
312.649994					
## 4119	2013-09-26	313.899994	319.369995	313.260010	318.119995
318.119995					
## 4120	2013-09-27	316.920013	317.209991	313.350006	316.010010
316.010010					
## 4121	2013-09-30	313.410004	315.309998	311.059998	312.640015
312.640015					
## 4122	2013-10-01	314.220001	321.000000	313.649994	320.950012
320.950012					
## 4123	2013-10-02	318.040009	321.730011	317.519989	320.510010
320.510010					
## 4124	2013-10-03	320.390015	322.920013	313.019989	314.760010
314.760010					
## 4125	2013-10-04	315.130005	319.200012	312.619995	319.040009
319.040009					
## 4126	2013-10-07	315.239990	315.339996	309.739990	310.029999
310.029999					
## 4127	2013-10-08	311.500000	311.549988	300.269989	303.230011
303.230011					
## 4128	2013-10-09	303.420013	303.500000	296.500000	298.230011
298.230011					
## 4129	2013-10-10	304.630005	306.700012	302.589996	305.170013
305.170013					
## 4130	2013-10-11	304.769989	310.929993	303.839996	310.890015
310.890015					
## 4131	2013-10-14	309.220001	311.649994	307.000000	310.700012
310.700012					
## 4132	2013-10-15	309.869995	310.790009	305.260010	306.399994
306.399994					
## 4133	2013-10-16	308.380005	310.799988	305.549988	310.489990
310.489990					
## 4134	2013-10-17	307.070007	311.000000	305.239990	310.769989
310.769989					
## 4135	2013-10-18	319.359985	331.890015	316.750000	328.929993
328.929993					
## 4136	2013-10-21	329.890015	330.000000	323.799988	326.440002
326.440002					
## 4137	2013-10-22	327.720001	337.109985	325.679993	332.540009
332.540009					
## 4138	2013-10-23	330.839996	331.720001	324.059998	326.760010
326.760010					
## 4139	2013-10-24	329.630005	332.649994	326.750000	332.209991
332.209991					
## 4140	2013-10-25	358.600006	368.399994	352.619995	363.390015
363.390015					
## 4141	2013-10-28	359.920013	362.750000	357.200012	358.160004
358.160004					
## 4142	2013-10-29	358.959991	362.890015	356.290009	362.700012
362.700012					

## 4143	2013-10-30	362.619995	365.000000	358.649994	361.079987
		361.079987			
## 4144	2013-10-31	361.730011	366.000000	359.000000	364.029999
		364.029999			
## 4145	2013-11-01	365.630005	365.769989	356.100006	359.000000
		359.000000			
## 4146	2013-11-04	360.119995	361.000000	354.399994	358.739990
		358.739990			
## 4147	2013-11-05	356.779999	360.170013	354.839996	358.890015
		358.890015			
## 4148	2013-11-06	360.450012	362.869995	354.500000	356.179993
		356.179993			
## 4149	2013-11-07	355.859985	357.899994	341.880005	343.559998
		343.559998			
## 4150	2013-11-08	345.950012	351.049988	344.040009	350.309998
		350.309998			
## 4151	2013-11-11	350.589996	355.369995	348.059998	354.380005
		354.380005			
## 4152	2013-11-12	352.989990	355.480011	347.279999	349.529999
		349.529999			
## 4153	2013-11-13	347.399994	356.220001	345.679993	356.220001
		356.220001			
## 4154	2013-11-14	357.390015	368.940002	356.429993	367.399994
		367.399994			
## 4155	2013-11-15	367.630005	372.899994	365.549988	369.170013
		369.170013			
## 4156	2013-11-18	370.279999	373.489990	364.670013	366.179993
		366.179993			
## 4157	2013-11-19	365.820007	368.779999	362.500000	364.940002
		364.940002			
## 4158	2013-11-20	367.559998	367.559998	360.450012	362.570007
		362.570007			
## 4159	2013-11-21	364.049988	369.250000	363.299988	368.920013
		368.920013			
## 4160	2013-11-22	370.000000	374.500000	366.309998	372.309998
		372.309998			
## 4161	2013-11-25	373.820007	377.790009	373.179993	376.640015
		376.640015			
## 4162	2013-11-26	377.609985	382.500000	374.820007	381.369995
		381.369995			
## 4163	2013-11-27	383.500000	387.000000	382.609985	386.709991
		386.709991			
## 4164	2013-11-29	389.100006	394.100006	388.619995	393.619995
		393.619995			
## 4165	2013-12-02	399.000000	399.000000	389.100006	392.299988
		392.299988			
## 4166	2013-12-03	390.109985	390.950012	383.100006	384.660004
		384.660004			
## 4167	2013-12-04	383.500000	389.690002	381.489990	385.959991
		385.959991			

## 4168 2013-12-05	386.649994	386.649994	381.369995	384.489990
384.489990				
## 4169 2013-12-06	388.350006	388.350006	383.829987	386.950012
386.950012				
## 4170 2013-12-09	388.109985	388.209991	382.570007	384.890015
384.890015				
## 4171 2013-12-10	383.739990	389.059998	383.019989	387.779999
387.779999				
## 4172 2013-12-11	387.339996	388.980011	382.000000	382.190002
382.190002				
## 4173 2013-12-12	381.260010	385.000000	379.500000	381.250000
381.250000				
## 4174 2013-12-13	385.320007	389.420013	383.799988	384.239990
384.239990				
## 4175 2013-12-16	385.029999	391.700012	385.000000	388.970001
388.970001				
## 4176 2013-12-17	390.649994	391.359985	386.500000	387.649994
387.649994				
## 4177 2013-12-18	389.230011	396.299988	383.100006	395.959991
395.959991				
## 4178 2013-12-19	394.269989	397.290009	392.600006	395.190002
395.190002				
## 4179 2013-12-20	396.549988	404.720001	395.779999	402.200012
402.200012				
## 4180 2013-12-23	403.690002	405.000000	399.200012	402.920013
402.920013				
## 4181 2013-12-24	402.519989	403.720001	396.369995	399.200012
399.200012				
## 4182 2013-12-26	401.790009	404.519989	396.809998	404.390015
404.390015				
## 4183 2013-12-27	404.649994	405.630005	396.250000	398.079987
398.079987				
## 4184 2013-12-30	399.410004	399.920013	392.450012	393.369995
393.369995				
## 4185 2013-12-31	394.579987	398.829987	393.799988	398.790009
398.790009				
## 4186 2014-01-02	398.799988	399.359985	394.019989	397.970001
397.970001				
## 4187 2014-01-03	398.290009	402.709991	396.220001	396.440002
396.440002				
## 4188 2014-01-06	395.850006	397.000000	388.420013	393.630005
393.630005				
## 4189 2014-01-07	395.040009	398.470001	394.290009	398.029999
398.029999				
## 4190 2014-01-08	398.470001	403.000000	396.040009	401.920013
401.920013				
## 4191 2014-01-09	403.709991	406.890015	398.440002	401.010010
401.010010				
## 4192 2014-01-10	402.529999	403.760010	393.799988	397.660004
397.660004				

## 4193	2014-01-13	397.980011	399.779999	388.450012	390.980011
		390.980011			
## 4194	2014-01-14	392.130005	398.630005	391.290009	397.540009
		397.540009			
## 4195	2014-01-15	398.940002	399.309998	392.529999	395.869995
		395.869995			
## 4196	2014-01-16	393.679993	399.290009	389.410004	395.799988
		395.799988			
## 4197	2014-01-17	394.260010	403.489990	393.660004	399.609985
		399.609985			
## 4198	2014-01-21	403.000000	407.799988	401.600006	407.049988
		407.049988			
## 4199	2014-01-22	408.000000	408.059998	402.000000	404.540009
		404.540009			
## 4200	2014-01-23	401.000000	406.170013	397.790009	399.869995
		399.869995			
## 4201	2014-01-24	398.160004	400.200012	387.269989	387.600006
		387.600006			
## 4202	2014-01-27	390.500000	394.100006	380.489990	386.279999
		386.279999			
## 4203	2014-01-28	387.399994	394.739990	387.119995	394.429993
		394.429993			
## 4204	2014-01-29	392.160004	392.850006	383.239990	384.200012
		384.200012			
## 4205	2014-01-30	393.769989	406.250000	387.700012	403.010010
		403.010010			
## 4206	2014-01-31	371.760010	375.450012	357.760010	358.690002
		358.690002			
## 4207	2014-02-03	358.980011	360.850006	340.100006	346.149994
		346.149994			
## 4208	2014-02-04	349.589996	354.000000	344.019989	347.950012
		347.950012			
## 4209	2014-02-05	346.000000	349.369995	337.730011	346.450012
		346.450012			
## 4210	2014-02-06	347.399994	354.820007	347.399994	354.589996
		354.589996			
## 4211	2014-02-07	358.980011	361.799988	352.489990	361.079987
		361.079987			
## 4212	2014-02-10	361.609985	365.000000	359.350006	360.869995
		360.869995			
## 4213	2014-02-11	361.839996	363.609985	356.250000	361.790009
		361.790009			
## 4214	2014-02-12	356.429993	357.750000	346.320007	349.250000
		349.250000			
## 4215	2014-02-13	347.700012	357.200012	346.500000	357.200012
		357.200012			
## 4216	2014-02-14	359.339996	359.339996	353.350006	357.350006
		357.350006			
## 4217	2014-02-18	355.279999	355.730011	349.450012	353.649994
		353.649994			

## 4218	2014-02-19	352.640015	354.540009	346.100006	347.380005
347.380005					
## 4219	2014-02-20	348.799988	350.459991	344.380005	349.799988
349.799988					
## 4220	2014-02-21	352.440002	354.140015	346.750000	346.760010
346.760010					
## 4221	2014-02-24	345.190002	353.000000	343.290009	351.779999
351.779999					
## 4222	2014-02-25	353.000000	361.079987	351.579987	358.320007
358.320007					
## 4223	2014-02-26	359.859985	364.750000	357.170013	359.799988
359.799988					
## 4224	2014-02-27	357.220001	360.589996	355.500000	360.130005
360.130005					
## 4225	2014-02-28	360.600006	365.869995	357.079987	362.100006
362.100006					
## 4226	2014-03-03	358.739990	360.959991	354.480011	359.779999
359.779999					
## 4227	2014-03-04	363.899994	365.679993	362.459991	363.899994
363.899994					
## 4228	2014-03-05	364.130005	372.730011	363.899994	372.369995
372.369995					
## 4229	2014-03-06	374.049988	375.329987	368.899994	372.160004
372.160004					
## 4230	2014-03-07	374.579987	374.989990	369.529999	372.059998
372.059998					
## 4231	2014-03-10	372.690002	372.730011	367.000000	370.529999
370.529999					
## 4232	2014-03-11	370.989990	372.799988	367.279999	368.820007
368.820007					
## 4233	2014-03-12	366.399994	371.160004	363.609985	370.640015
370.640015					
## 4234	2014-03-13	376.619995	383.109985	368.079987	371.510010
371.510010					
## 4235	2014-03-14	372.799988	378.570007	371.549988	373.739990
373.739990					
## 4236	2014-03-17	375.720001	378.850006	374.880005	375.040009
375.040009					
## 4237	2014-03-18	377.320007	379.000000	375.000000	378.769989
378.769989					
## 4238	2014-03-19	378.769989	379.000000	369.420013	373.230011
373.230011					
## 4239	2014-03-20	370.640015	373.000000	366.220001	368.970001
368.970001					
## 4240	2014-03-21	371.000000	372.839996	358.399994	360.619995
360.619995					
## 4241	2014-03-24	360.089996	361.500000	348.600006	351.850006
351.850006					
## 4242	2014-03-25	354.029999	358.970001	348.839996	354.709991
354.709991					

## 4243	2014-03-26	357.130005	357.600006	343.399994	343.410004
		343.410004			
## 4244	2014-03-27	343.149994	344.000000	330.880005	338.470001
		338.470001			
## 4245	2014-03-28	340.049988	347.000000	336.079987	338.290009
		338.290009			
## 4246	2014-03-31	342.399994	346.290009	334.059998	336.369995
		336.369995			
## 4247	2014-04-01	338.089996	344.429993	338.000000	342.989990
		342.989990			
## 4248	2014-04-02	345.989990	348.299988	340.380005	341.959991
		341.959991			
## 4249	2014-04-03	341.820007	342.500000	328.459991	333.619995
		333.619995			
## 4250	2014-04-04	335.149994	335.440002	315.609985	323.000000
		323.000000			
## 4251	2014-04-07	320.989990	324.940002	313.130005	317.760010
		317.760010			
## 4252	2014-04-08	321.880005	328.000000	318.440002	327.070007
		327.070007			
## 4253	2014-04-09	328.470001	332.179993	322.500000	331.809998
		331.809998			
## 4254	2014-04-10	330.600006	331.000000	316.500000	317.109985
		317.109985			
## 4255	2014-04-11	314.000000	316.500000	309.500000	311.730011
		311.730011			
## 4256	2014-04-14	317.670013	320.480011	311.279999	315.910004
		315.910004			
## 4257	2014-04-15	316.700012	318.279999	305.500000	316.079987
		316.079987			
## 4258	2014-04-16	321.170013	324.000000	314.709991	323.679993
		323.679993			
## 4259	2014-04-17	319.760010	328.660004	319.760010	324.910004
		324.910004			
## 4260	2014-04-21	323.970001	331.149994	322.309998	330.869995
		330.869995			
## 4261	2014-04-22	332.000000	337.500000	328.940002	329.320007
		329.320007			
## 4262	2014-04-23	333.059998	333.130005	323.390015	324.579987
		324.579987			
## 4263	2014-04-24	329.670013	337.399994	322.950012	337.149994
		337.149994			
## 4264	2014-04-25	316.250000	316.489990	302.709991	303.829987
		303.829987			
## 4265	2014-04-28	304.000000	304.390015	288.000000	296.579987
		296.579987			
## 4266	2014-04-29	296.440002	301.839996	290.450012	300.380005
		300.380005			
## 4267	2014-04-30	298.100006	304.559998	298.100006	304.130005
		304.130005			

## 4268	2014-05-01	304.130005	310.480011	304.000000	307.890015
307.890015					
## 4269	2014-05-02	310.420013	313.290009	304.309998	308.010010
308.010010					
## 4270	2014-05-05	306.369995	310.230011	305.000000	310.049988
310.049988					
## 4271	2014-05-06	309.529999	309.809998	297.040009	297.380005
297.380005					
## 4272	2014-05-07	295.559998	296.399994	286.679993	292.709991
292.709991					
## 4273	2014-05-08	290.820007	295.880005	287.230011	288.320007
288.320007					
## 4274	2014-05-09	290.570007	293.679993	284.380005	292.239990
292.239990					
## 4275	2014-05-12	294.299988	303.339996	294.160004	302.859985
302.859985					
## 4276	2014-05-13	302.600006	305.600006	300.750000	304.640015
304.640015					
## 4277	2014-05-14	302.500000	304.640015	296.660004	297.619995
297.619995					
## 4278	2014-05-15	298.019989	299.200012	290.380005	295.190002
295.190002					
## 4279	2014-05-16	292.799988	298.880005	291.549988	297.700012
297.700012					
## 4280	2014-05-19	295.760010	299.000000	293.809998	296.760010
296.760010					
## 4281	2014-05-20	297.100006	304.459991	296.750000	301.190002
301.190002					
## 4282	2014-05-21	302.209991	305.959991	301.519989	305.010010
305.010010					
## 4283	2014-05-22	305.049988	308.540009	303.010010	304.910004
304.910004					
## 4284	2014-05-23	305.459991	312.350006	304.899994	312.239990
312.239990					
## 4285	2014-05-27	314.410004	314.630005	307.380005	310.820007
310.820007					
## 4286	2014-05-28	309.500000	313.820007	307.420013	310.160004
310.160004					
## 4287	2014-05-29	310.420013	314.869995	310.200012	313.779999
313.779999					
## 4288	2014-05-30	314.429993	314.649994	307.570007	312.549988
312.549988					
## 4289	2014-06-02	312.589996	312.600006	307.000000	308.839996
308.839996					
## 4290	2014-06-03	305.750000	307.920013	305.070007	307.190002
307.190002					
## 4291	2014-06-04	306.850006	309.500000	303.839996	306.779999
306.779999					
## 4292	2014-06-05	308.100006	327.940002	306.899994	323.570007
323.570007					

## 4293	2014-06-06	325.000000	330.880005	324.929993	329.670013
		329.670013			
## 4294	2014-06-09	331.570007	333.000000	325.649994	327.500000
		327.500000			
## 4295	2014-06-10	327.649994	335.500000	327.500000	332.410004
		332.410004			
## 4296	2014-06-11	336.000000	340.720001	333.880005	335.200012
		335.200012			
## 4297	2014-06-12	335.549988	335.549988	324.660004	325.910004
		325.910004			
## 4298	2014-06-13	327.049988	329.299988	323.529999	326.269989
		326.269989			
## 4299	2014-06-16	324.859985	328.690002	323.519989	327.619995
		327.619995			
## 4300	2014-06-17	327.540009	331.339996	325.230011	325.619995
		325.619995			
## 4301	2014-06-18	328.000000	335.750000	325.000000	334.380005
		334.380005			
## 4302	2014-06-19	335.260010	338.899994	325.980011	327.000000
		327.000000			
## 4303	2014-06-20	327.760010	328.220001	320.420013	324.200012
		324.200012			
## 4304	2014-06-23	323.329987	327.549988	321.410004	327.239990
		327.239990			
## 4305	2014-06-24	327.540009	329.730011	322.739990	324.160004
		324.160004			
## 4306	2014-06-25	324.329987	328.149994	321.739990	327.440002
		327.440002			
## 4307	2014-06-26	328.489990	328.649994	322.130005	325.690002
		325.690002			
## 4308	2014-06-27	325.880005	326.519989	323.269989	324.570007
		324.570007			
## 4309	2014-06-30	324.980011	326.980011	322.239990	324.779999
		324.779999			
## 4310	2014-07-01	325.859985	333.200012	325.100006	332.390015
		332.390015			
## 4311	2014-07-02	333.200012	336.760010	331.660004	332.850006
		332.850006			
## 4312	2014-07-03	334.829987	338.299988	333.079987	337.489990
		337.489990			
## 4313	2014-07-07	337.500000	337.549988	332.519989	333.549988
		333.549988			
## 4314	2014-07-08	333.100006	333.739990	321.399994	323.809998
		323.809998			
## 4315	2014-07-09	324.709991	330.200012	323.149994	329.970001
		329.970001			
## 4316	2014-07-10	324.339996	329.980011	322.649994	327.920013
		327.920013			
## 4317	2014-07-11	334.709991	347.000000	334.709991	346.200012
		346.200012			

## 4318	2014-07-14	347.029999	355.769989	345.359985	355.320007
		355.320007			
## 4319	2014-07-15	353.720001	355.589996	349.399994	354.440002
		354.440002			
## 4320	2014-07-16	355.619995	359.320007	353.000000	355.899994
		355.899994			
## 4321	2014-07-17	353.440002	356.959991	351.380005	352.450012
		352.450012			
## 4322	2014-07-18	354.399994	359.679993	352.079987	358.660004
		358.660004			
## 4323	2014-07-21	358.100006	361.709991	356.720001	359.760010
		359.760010			
## 4324	2014-07-22	355.250000	362.929993	355.250000	360.839996
		360.839996			
## 4325	2014-07-23	359.049988	360.630005	356.619995	358.140015
		358.140015			
## 4326	2014-07-24	359.980011	364.850006	358.519989	358.609985
		358.609985			
## 4327	2014-07-25	317.299988	324.869995	314.760010	324.010010
		324.010010			
## 4328	2014-07-28	324.250000	324.820007	316.500000	320.410004
		320.410004			
## 4329	2014-07-29	321.980011	322.899994	319.500000	320.000000
		320.000000			
## 4330	2014-07-30	321.450012	322.730011	318.500000	322.510010
		322.510010			
## 4331	2014-07-31	320.010010	320.679993	311.859985	312.989990
		312.989990			
## 4332	2014-08-01	313.690002	315.829987	304.589996	307.059998
		307.059998			
## 4333	2014-08-04	308.839996	316.179993	308.500000	313.649994
		313.649994			
## 4334	2014-08-05	313.299988	314.549988	310.059998	312.320007
		312.320007			
## 4335	2014-08-06	310.829987	315.779999	310.200012	313.890015
		313.890015			
## 4336	2014-08-07	315.209991	315.880005	309.649994	311.450012
		311.450012			
## 4337	2014-08-08	311.940002	317.320007	310.660004	316.799988
		316.799988			
## 4338	2014-08-11	318.480011	320.380005	316.880005	318.329987
		318.329987			
## 4339	2014-08-12	318.890015	321.309998	316.950012	319.320007
		319.320007			
## 4340	2014-08-13	327.600006	331.720001	326.140015	326.279999
		326.279999			
## 4341	2014-08-14	327.799988	334.089996	326.709991	333.209991
		333.209991			
## 4342	2014-08-15	334.000000	335.000000	328.320007	333.630005
		333.630005			

## 4343	2014-08-18	335.480011	337.799988	333.769989	334.529999
334.529999					
## 4344	2014-08-19	334.869995	335.809998	333.010010	335.130005
335.130005					
## 4345	2014-08-20	334.679993	337.160004	334.019989	335.779999
335.779999					
## 4346	2014-08-21	336.480011	336.579987	332.230011	332.910004
332.910004					
## 4347	2014-08-22	332.989990	334.079987	330.799988	331.589996
331.589996					
## 4348	2014-08-25	333.209991	336.769989	332.709991	334.019989
334.019989					
## 4349	2014-08-26	337.000000	344.359985	334.549988	341.829987
341.829987					
## 4350	2014-08-27	342.089996	346.670013	341.339996	343.179993
343.179993					
## 4351	2014-08-28	340.000000	341.790009	338.799988	340.019989
340.019989					
## 4352	2014-08-29	341.760010	341.820007	337.679993	339.040009
339.040009					
## 4353	2014-09-02	339.980011	342.500000	337.160004	342.380005
342.380005					
## 4354	2014-09-03	342.540009	343.269989	337.549988	339.000000
339.000000					
## 4355	2014-09-04	343.690002	349.380005	343.579987	345.950012
345.950012					
## 4356	2014-09-05	346.299988	346.829987	342.500000	346.380005
346.380005					
## 4357	2014-09-08	344.540009	345.809998	339.040009	342.339996
342.339996					
## 4358	2014-09-09	341.609985	341.760010	329.179993	329.750000
329.750000					
## 4359	2014-09-10	334.299988	334.980011	328.820007	331.329987
331.329987					
## 4360	2014-09-11	329.940002	333.010010	326.390015	330.519989
330.519989					
## 4361	2014-09-12	329.559998	332.890015	328.790009	331.190002
331.190002					
## 4362	2014-09-15	330.910004	331.329987	319.000000	323.890015
323.890015					
## 4363	2014-09-16	321.070007	329.480011	320.100006	327.760010
327.760010					
## 4364	2014-09-17	327.760010	328.000000	321.519989	324.000000
324.000000					
## 4365	2014-09-18	325.440002	327.100006	323.709991	325.000000
325.000000					
## 4366	2014-09-19	327.600006	332.760010	325.570007	331.320007
331.320007					
## 4367	2014-09-22	328.489990	329.489990	321.059998	324.500000
324.500000					

## 4368	2014-09-23	322.459991	327.600006	321.250000	323.630005
		323.630005			
## 4369	2014-09-24	324.170013	329.440002	319.559998	328.209991
		328.209991			
## 4370	2014-09-25	327.989990	328.540009	321.399994	321.929993
		321.929993			
## 4371	2014-09-26	320.600006	323.500000	317.640015	323.209991
		323.209991			
## 4372	2014-09-29	320.500000	323.750000	319.000000	321.820007
		321.820007			
## 4373	2014-09-30	321.359985	323.429993	318.510010	322.440002
		322.440002			
## 4374	2014-10-01	322.040009	322.170013	315.549988	317.459991
		317.459991			
## 4375	2014-10-02	316.920013	318.529999	311.309998	318.410004
		318.410004			
## 4376	2014-10-03	320.359985	325.160004	319.529999	322.739990
		322.739990			
## 4377	2014-10-06	323.500000	324.130005	319.600006	322.200012
		322.200012			
## 4378	2014-10-07	319.429993	322.000000	316.670013	316.980011
		316.980011			
## 4379	2014-10-08	316.579987	324.109985	314.140015	322.700012
		322.700012			
## 4380	2014-10-09	321.489990	322.269989	314.519989	315.369995
		315.369995			
## 4381	2014-10-10	314.019989	317.769989	311.380005	311.390015
		311.390015			
## 4382	2014-10-13	309.869995	313.200012	303.470001	306.450012
		306.450012			
## 4383	2014-10-14	308.000000	312.239990	305.750000	308.309998
		308.309998			
## 4384	2014-10-15	304.350006	307.899994	299.100006	305.970001
		305.970001			
## 4385	2014-10-16	293.829987	306.820007	293.829987	302.859985
		302.859985			
## 4386	2014-10-17	307.149994	309.200012	302.720001	303.640015
		303.640015			
## 4387	2014-10-20	302.950012	306.529999	302.019989	306.209991
		306.209991			
## 4388	2014-10-21	309.899994	315.640015	307.070007	315.329987
		315.329987			
## 4389	2014-10-22	315.429993	318.980011	312.640015	312.970001
		312.970001			
## 4390	2014-10-23	313.399994	316.799988	311.399994	313.179993
		313.179993			
## 4391	2014-10-24	284.399994	293.809998	284.000000	287.059998
		287.059998			
## 4392	2014-10-27	285.700012	290.420013	285.019989	289.970001
		289.970001			

## 4393	2014-10-28	289.760010	298.000000	289.760010	295.589996
295.589996					
## 4394	2014-10-29	299.109985	299.609985	293.070007	294.119995
294.119995					
## 4395	2014-10-30	293.980011	299.739990	292.359985	299.070007
299.070007					
## 4396	2014-10-31	305.149994	305.720001	301.500000	305.459991
305.459991					
## 4397	2014-11-03	306.239990	308.010010	303.239990	305.720001
305.720001					
## 4398	2014-11-04	303.989990	304.250000	300.170013	302.809998
302.809998					
## 4399	2014-11-05	303.010010	304.000000	294.160004	296.519989
296.519989					
## 4400	2014-11-06	296.690002	297.000000	292.290009	296.640015
296.640015					
## 4401	2014-11-07	297.820007	299.989990	296.290009	299.859985
299.859985					
## 4402	2014-11-10	300.000000	305.799988	300.000000	305.109985
305.109985					
## 4403	2014-11-11	305.940002	312.380005	303.649994	312.010010
312.010010					
## 4404	2014-11-12	310.750000	312.579987	308.790009	311.510010
311.510010					
## 4405	2014-11-13	312.000000	317.890015	311.510010	316.480011
316.480011					
## 4406	2014-11-14	317.119995	332.880005	316.399994	327.820007
327.820007					
## 4407	2014-11-17	326.440002	328.000000	318.029999	323.049988
323.049988					
## 4408	2014-11-18	323.989990	329.559998	323.250000	324.929993
324.929993					
## 4409	2014-11-19	327.250000	328.399994	324.019989	326.540009
326.540009					
## 4410	2014-11-20	324.000000	332.670013	323.329987	330.540009
330.540009					
## 4411	2014-11-21	335.420013	338.329987	331.470001	332.630005
332.630005					
## 4412	2014-11-24	334.779999	337.390015	333.600006	335.640015
335.640015					
## 4413	2014-11-25	335.269989	336.329987	331.279999	335.040009
335.040009					
## 4414	2014-11-26	333.779999	334.649994	331.750000	333.570007
333.570007					
## 4415	2014-11-28	336.029999	341.260010	336.029999	338.640015
338.640015					
## 4416	2014-12-01	338.119995	340.640015	325.929993	326.000000
326.000000					
## 4417	2014-12-02	327.500000	327.929993	323.250000	326.309998
326.309998					

## 4418	2014-12-03	325.730011	326.769989	314.359985	316.500000
316.500000					
## 4419	2014-12-04	315.529999	318.589996	313.470001	316.929993
316.929993					
## 4420	2014-12-05	316.799988	316.929993	310.839996	312.630005
312.630005					
## 4421	2014-12-08	311.570007	316.559998	304.820007	306.640015
306.640015					
## 4422	2014-12-09	302.989990	313.640015	301.140015	312.500000
312.500000					
## 4423	2014-12-10	312.000000	313.190002	304.679993	305.839996
305.839996					
## 4424	2014-12-11	307.890015	312.640015	306.010010	307.359985
307.359985					
## 4425	2014-12-12	303.989990	310.640015	303.010010	307.320007
307.320007					
## 4426	2014-12-15	308.869995	310.859985	302.149994	306.070007
306.070007					
## 4427	2014-12-16	304.350006	304.489990	295.010010	295.059998
295.059998					
## 4428	2014-12-17	296.369995	299.670013	293.029999	298.880005
298.880005					
## 4429	2014-12-18	304.010010	304.500000	293.250000	297.730011
297.730011					
## 4430	2014-12-19	296.910004	301.540009	295.519989	299.899994
299.899994					
## 4431	2014-12-22	301.940002	307.359985	301.940002	306.540009
306.540009					
## 4432	2014-12-23	306.980011	307.489990	303.250000	306.290009
306.290009					
## 4433	2014-12-24	306.380005	307.000000	302.880005	303.029999
303.029999					
## 4434	2014-12-26	305.000000	310.779999	303.809998	309.089996
309.089996					
## 4435	2014-12-29	307.850006	314.269989	306.579987	312.040009
312.040009					
## 4436	2014-12-30	309.910004	313.940002	309.339996	310.299988
310.299988					
## 4437	2014-12-31	311.549988	312.980011	310.010010	310.350006
310.350006					
## 4438	2015-01-02	312.579987	314.750000	306.959991	308.519989
308.519989					
## 4439	2015-01-05	307.010010	308.380005	300.850006	302.190002
302.190002					
## 4440	2015-01-06	302.239990	303.000000	292.380005	295.290009
295.290009					
## 4441	2015-01-07	297.500000	301.279999	295.329987	298.420013
298.420013					
## 4442	2015-01-08	300.320007	303.140015	296.109985	300.459991
300.459991					

## 4443	2015-01-09	301.480011	302.869995	296.679993	296.929993
296.929993					
## 4444	2015-01-12	297.559998	298.510010	289.279999	291.410004
291.410004					
## 4445	2015-01-13	297.480011	301.500000	293.230011	294.739990
294.739990					
## 4446	2015-01-14	291.929993	295.910004	286.500000	293.269989
293.269989					
## 4447	2015-01-15	294.000000	296.000000	286.820007	286.950012
286.950012					
## 4448	2015-01-16	286.279999	290.790009	285.250000	290.739990
290.739990					
## 4449	2015-01-20	292.589996	293.359985	286.390015	289.440002
289.440002					
## 4450	2015-01-21	289.640015	306.000000	287.260010	297.250000
297.250000					
## 4451	2015-01-22	300.000000	312.250000	300.000000	310.320007
310.320007					
## 4452	2015-01-23	308.079987	316.929993	307.720001	312.390015
312.390015					
## 4453	2015-01-26	311.820007	313.000000	307.519989	309.660004
309.660004					
## 4454	2015-01-27	306.299988	310.239990	302.630005	306.750000
306.750000					
## 4455	2015-01-28	309.809998	311.510010	303.799988	303.910004
303.910004					
## 4456	2015-01-29	304.730011	312.799988	299.329987	311.779999
311.779999					
## 4457	2015-01-30	346.320007	359.500000	340.739990	354.529999
354.529999					
## 4458	2015-02-02	350.049988	365.000000	350.010010	364.470001
364.470001					
## 4459	2015-02-03	360.290009	367.820007	360.209991	363.549988
363.549988					
## 4460	2015-02-04	358.380005	367.500000	358.230011	364.750000
364.750000					
## 4461	2015-02-05	366.000000	378.799988	365.899994	373.890015
373.890015					
## 4462	2015-02-06	374.869995	375.989990	371.010010	374.279999
374.279999					
## 4463	2015-02-09	371.000000	374.410004	367.200012	370.559998
370.559998					
## 4464	2015-02-10	371.190002	374.299988	368.510010	373.000000
373.000000					
## 4465	2015-02-11	371.230011	377.100006	371.100006	375.140015
375.140015					
## 4466	2015-02-12	375.100006	378.510010	373.149994	377.170013
377.170013					
## 4467	2015-02-13	378.410004	383.000000	377.010010	381.829987
381.829987					

## 4468	2015-02-17	377.720001	379.989990	372.670013	375.429993
375.429993					
## 4469	2015-02-18	373.779999	376.739990	372.850006	373.369995
373.369995					
## 4470	2015-02-19	373.489990	381.880005	373.429993	379.000000
379.000000					
## 4471	2015-02-20	378.619995	383.700012	375.839996	383.660004
383.660004					
## 4472	2015-02-23	383.440002	384.540009	378.000000	380.140015
380.140015					
## 4473	2015-02-24	378.649994	380.480011	376.160004	378.589996
378.589996					
## 4474	2015-02-25	377.269989	387.850006	376.540009	385.369995
385.369995					
## 4475	2015-02-26	384.070007	389.369995	383.279999	384.799988
384.799988					
## 4476	2015-02-27	384.000000	385.989990	379.790009	380.160004
380.160004					
## 4477	2015-03-02	380.850006	385.899994	379.480011	385.660004
385.660004					
## 4478	2015-03-03	383.950012	386.100006	381.600006	384.609985
384.609985					
## 4479	2015-03-04	385.709991	387.899994	382.190002	382.720001
382.720001					
## 4480	2015-03-05	385.609985	388.420013	383.890015	387.829987
387.829987					
## 4481	2015-03-06	385.519989	387.000000	378.880005	380.089996
380.089996					
## 4482	2015-03-09	378.399994	379.329987	375.279999	378.559998
378.559998					
## 4483	2015-03-10	377.450012	377.769989	369.179993	369.510010
369.510010					
## 4484	2015-03-11	370.609985	373.350006	366.260010	366.369995
366.369995					
## 4485	2015-03-12	368.820007	375.500000	367.519989	374.239990
374.239990					
## 4486	2015-03-13	371.519989	373.989990	366.679993	370.579987
370.579987					
## 4487	2015-03-16	370.380005	373.940002	366.720001	373.350006
373.350006					
## 4488	2015-03-17	371.109985	374.500000	369.640015	371.920013
371.920013					
## 4489	2015-03-18	369.970001	375.989990	366.700012	375.140015
375.140015					
## 4490	2015-03-19	373.869995	377.109985	372.190002	373.239990
373.239990					
## 4491	2015-03-20	376.290009	379.369995	375.920013	378.489990
378.489990					
## 4492	2015-03-23	378.070007	381.769989	374.940002	375.109985
375.109985					

## 4493	2015-03-24	373.989990	375.239990	372.269989	374.089996
374.089996					
## 4494	2015-03-25	375.170013	380.500000	370.290009	370.959991
370.959991					
## 4495	2015-03-26	369.589996	371.399994	365.649994	367.350006
367.350006					
## 4496	2015-03-27	367.109985	373.170013	366.570007	370.559998
370.559998					
## 4497	2015-03-30	371.869995	376.119995	371.549988	374.589996
374.589996					
## 4498	2015-03-31	373.239990	377.700012	371.510010	372.100006
372.100006					
## 4499	2015-04-01	372.100006	373.160004	368.339996	370.260010
370.260010					
## 4500	2015-04-02	370.500000	373.279999	369.000000	372.250000
372.250000					
## 4501	2015-04-06	370.100006	380.200012	369.359985	377.040009
377.040009					
## 4502	2015-04-07	376.149994	379.309998	374.029999	374.410004
374.410004					
## 4503	2015-04-08	374.660004	381.579987	374.649994	381.200012
381.200012					
## 4504	2015-04-09	380.660004	384.420013	378.799988	383.540009
383.540009					
## 4505	2015-04-10	384.309998	387.119995	381.320007	382.649994
382.649994					
## 4506	2015-04-13	383.529999	385.279999	380.140015	382.359985
382.359985					
## 4507	2015-04-14	383.510010	387.809998	381.209991	385.109985
385.109985					
## 4508	2015-04-15	384.649994	385.779999	381.640015	383.450012
383.450012					
## 4509	2015-04-16	383.690002	387.450012	383.549988	386.040009
386.040009					
## 4510	2015-04-17	382.630005	383.559998	374.399994	375.559998
375.559998					
## 4511	2015-04-20	378.549988	391.940002	377.000000	389.510010
389.510010					
## 4512	2015-04-21	391.309998	394.600006	386.799988	391.179993
391.179993					
## 4513	2015-04-22	391.910004	394.279999	388.000000	389.799988
389.799988					
## 4514	2015-04-23	390.209991	391.880005	386.149994	389.989990
389.989990					
## 4515	2015-04-24	439.000000	452.649994	439.000000	445.100006
445.100006					
## 4516	2015-04-27	443.859985	446.989990	437.410004	438.559998
438.559998					
## 4517	2015-04-28	438.510010	439.000000	428.040009	429.309998
429.309998					

## 4518	2015-04-29	426.750000	434.239990	426.029999	429.369995
429.369995					
## 4519	2015-04-30	427.109985	431.750000	419.239990	421.779999
421.779999					
## 4520	2015-05-01	423.820007	425.640015	416.000000	422.869995
422.869995					
## 4521	2015-05-04	424.799988	429.769989	422.420013	423.040009
423.040009					
## 4522	2015-05-05	422.850006	427.510010	421.019989	421.190002
421.190002					
## 4523	2015-05-06	421.429993	422.720001	414.549988	419.100006
419.100006					
## 4524	2015-05-07	424.149994	428.500000	422.850006	426.880005
426.880005					
## 4525	2015-05-08	430.750000	435.200012	430.170013	433.690002
433.690002					
## 4526	2015-05-11	432.510010	439.000000	431.369995	432.850006
432.850006					
## 4527	2015-05-12	431.079987	433.250000	426.709991	431.019989
431.019989					
## 4528	2015-05-13	429.980011	433.529999	425.799988	426.869995
426.869995					
## 4529	2015-05-14	429.450012	433.000000	427.010010	432.279999
432.279999					
## 4530	2015-05-15	428.000000	430.399994	424.299988	426.000000
426.000000					
## 4531	2015-05-18	426.000000	427.269989	421.459991	425.239990
425.239990					
## 4532	2015-05-19	424.869995	428.239990	420.630005	421.709991
421.709991					
## 4533	2015-05-20	420.600006	427.100006	418.359985	423.859985
423.859985					
## 4534	2015-05-21	428.000000	436.899994	428.000000	431.630005
431.630005					
## 4535	2015-05-22	431.549988	432.440002	427.609985	427.630005
427.630005					
## 4536	2015-05-26	426.200012	427.000000	422.000000	425.470001
425.470001					
## 4537	2015-05-27	427.450012	431.850006	425.010010	431.420013
431.420013					
## 4538	2015-05-28	429.709991	431.350006	425.470001	426.570007
426.570007					
## 4539	2015-05-29	427.230011	432.500000	427.230011	429.230011
429.230011					
## 4540	2015-06-01	430.399994	433.160004	426.200012	430.920013
430.920013					
## 4541	2015-06-02	430.070007	433.230011	426.250000	430.989990
430.989990					
## 4542	2015-06-03	434.399994	438.390015	432.750000	436.589996
436.589996					

## 4543	2015-06-04	434.399994	436.760010	429.260010	430.779999
430.779999					
## 4544	2015-06-05	429.660004	430.799988	426.500000	426.950012
426.950012					
## 4545	2015-06-08	425.619995	426.799988	421.429993	423.500000
423.500000					
## 4546	2015-06-09	422.959991	427.489990	419.140015	425.480011
425.480011					
## 4547	2015-06-10	426.459991	432.200012	425.660004	430.769989
430.769989					
## 4548	2015-06-11	432.290009	438.890015	431.470001	432.970001
432.970001					
## 4549	2015-06-12	431.250000	432.359985	428.260010	429.920013
429.920013					
## 4550	2015-06-15	427.660004	428.049988	422.640015	423.670013
423.670013					
## 4551	2015-06-16	424.149994	427.970001	422.670013	427.260010
427.260010					
## 4552	2015-06-17	428.359985	431.350006	424.750000	427.809998
427.809998					
## 4553	2015-06-18	430.299988	439.730011	429.410004	439.390015
439.390015					
## 4554	2015-06-19	440.260010	444.989990	433.239990	434.920013
434.920013					
## 4555	2015-06-22	437.000000	439.239990	434.179993	436.290009
436.290009					
## 4556	2015-06-23	435.589996	447.040009	433.690002	445.989990
445.989990					
## 4557	2015-06-24	444.970001	446.470001	440.230011	440.839996
440.839996					
## 4558	2015-06-25	438.070007	443.470001	436.390015	440.100006
440.100006					
## 4559	2015-06-26	441.760010	443.489990	435.059998	438.100006
438.100006					
## 4560	2015-06-29	434.980011	437.000000	429.000000	429.859985
429.859985					
## 4561	2015-06-30	434.200012	435.570007	430.459991	434.089996
434.089996					
## 4562	2015-07-01	439.350006	440.000000	435.579987	437.390015
437.390015					
## 4563	2015-07-02	437.000000	438.200012	433.480011	437.709991
437.709991					
## 4564	2015-07-06	435.230011	439.730011	433.519989	436.040009
436.040009					
## 4565	2015-07-07	435.679993	437.730011	425.570007	436.720001
436.720001					
## 4566	2015-07-08	434.350006	435.989990	428.829987	429.700012
429.700012					
## 4567	2015-07-09	434.899994	438.720001	434.149994	434.390015
434.390015					

## 4568	2015-07-10	440.489990	444.720001	439.000000	443.510010
		443.510010			
## 4569	2015-07-13	448.290009	457.869995	447.540009	455.570007
		455.570007			
## 4570	2015-07-14	462.320007	469.600006	458.160004	465.570007
		465.570007			
## 4571	2015-07-15	463.040009	464.700012	460.200012	461.190002
		461.190002			
## 4572	2015-07-16	465.500000	475.880005	464.799988	475.480011
		475.480011			
## 4573	2015-07-17	477.700012	485.420013	477.250000	483.010010
		483.010010			
## 4574	2015-07-20	492.570007	493.200012	485.399994	488.100006
		488.100006			
## 4575	2015-07-21	487.899994	488.880005	482.549988	488.000000
		488.000000			
## 4576	2015-07-22	485.989990	492.500000	484.899994	488.269989
		488.269989			
## 4577	2015-07-23	491.660004	491.660004	475.700012	482.179993
		482.179993			
## 4578	2015-07-24	578.989990	580.570007	529.349976	529.419983
		529.419983			
## 4579	2015-07-27	527.750000	544.950012	526.599976	531.409973
		531.409973			
## 4580	2015-07-28	536.000000	536.390015	523.119995	526.030029
		526.030029			
## 4581	2015-07-29	530.919983	532.969971	525.020020	529.000000
		529.000000			
## 4582	2015-07-30	527.650024	539.200012	524.289978	536.760010
		536.760010			
## 4583	2015-07-31	539.090027	542.840027	534.520020	536.150024
		536.150024			
## 4584	2015-08-03	537.450012	540.440002	529.359985	535.030029
		535.030029			
## 4585	2015-08-04	529.690002	536.950012	529.159973	531.900024
		531.900024			
## 4586	2015-08-05	538.799988	539.140015	534.119995	537.010010
		537.010010			
## 4587	2015-08-06	539.299988	542.739990	527.520020	529.460022
		529.460022			
## 4588	2015-08-07	529.159973	529.460022	518.210022	522.619995
		522.619995			
## 4589	2015-08-10	528.520020	532.280029	523.000000	524.000000
		524.000000			
## 4590	2015-08-11	523.650024	528.979980	522.000000	527.460022
		527.460022			
## 4591	2015-08-12	523.750000	527.500000	513.059998	525.909973
		525.909973			
## 4592	2015-08-13	527.369995	534.659973	525.489990	529.659973
		529.659973			

## 4593	2015-08-14	528.250000	534.109985	528.250000	531.520020
531.520020					
## 4594	2015-08-17	531.289978	538.739990	527.119995	535.219971
535.219971					
## 4595	2015-08-18	535.039978	539.489990	533.000000	535.020020
535.020020					
## 4596	2015-08-19	533.739990	537.250000	529.000000	532.919983
532.919983					
## 4597	2015-08-20	530.390015	533.250000	515.770020	515.780029
515.780029					
## 4598	2015-08-21	507.359985	512.330017	494.470001	494.470001
494.470001					
## 4599	2015-08-24	463.579987	476.579987	451.000000	463.369995
463.369995					
## 4600	2015-08-25	487.489990	489.440002	466.250000	466.369995
466.369995					
## 4601	2015-08-26	484.019989	503.720001	478.760010	500.769989
500.769989					
## 4602	2015-08-27	513.710022	522.690002	507.260010	518.369995
518.369995					
## 4603	2015-08-28	517.500000	521.500000	513.039978	518.010010
518.010010					
## 4604	2015-08-31	516.440002	519.409973	509.070007	512.890015
512.890015					
## 4605	2015-09-01	499.140015	510.000000	493.429993	496.540009
496.540009					
## 4606	2015-09-02	505.089996	510.859985	497.720001	510.549988
510.549988					
## 4607	2015-09-03	514.500000	515.840027	502.570007	504.720001
504.720001					
## 4608	2015-09-04	497.649994	502.850006	495.640015	499.000000
499.000000					
## 4609	2015-09-08	508.690002	518.349976	508.510010	517.539978
517.539978					
## 4610	2015-09-09	524.000000	529.950012	515.059998	516.890015
516.890015					
## 4611	2015-09-10	515.150024	526.130005	514.780029	522.239990
522.239990					
## 4612	2015-09-11	521.070007	529.440002	520.609985	529.440002
529.440002					
## 4613	2015-09-14	529.440002	532.450012	518.580017	521.380005
521.380005					
## 4614	2015-09-15	523.250000	527.919983	517.200012	522.369995
522.369995					
## 4615	2015-09-16	521.979980	528.299988	518.520020	527.390015
527.390015					
## 4616	2015-09-17	526.979980	546.969971	526.570007	538.869995
538.869995					
## 4617	2015-09-18	534.619995	546.239990	531.349976	540.260010
540.260010					

## 4618	2015-09-21	544.330017	549.780029	539.590027	548.390015
548.390015					
## 4619	2015-09-22	539.710022	543.549988	532.659973	538.400024
538.400024					
## 4620	2015-09-23	538.299988	541.210022	534.000000	536.070007
536.070007					
## 4621	2015-09-24	530.549988	534.559998	522.869995	533.750000
533.750000					
## 4622	2015-09-25	542.570007	542.799988	521.400024	524.250000
524.250000					
## 4623	2015-09-28	520.020020	520.280029	494.329987	504.059998
504.059998					
## 4624	2015-09-29	506.000000	511.480011	490.500000	496.070007
496.070007					
## 4625	2015-09-30	505.440002	512.799988	501.670013	511.890015
511.890015					
## 4626	2015-10-01	511.000000	520.799988	506.000000	520.719971
520.719971					
## 4627	2015-10-02	512.989990	532.599976	508.100006	532.539978
532.539978					
## 4628	2015-10-05	536.989990	545.909973	536.000000	543.679993
543.679993					
## 4629	2015-10-06	545.500000	551.500000	533.330017	537.479980
537.479980					
## 4630	2015-10-07	541.789978	542.000000	529.000000	541.940002
541.940002					
## 4631	2015-10-08	536.710022	539.390015	519.890015	533.159973
533.159973					
## 4632	2015-10-09	534.479980	541.789978	530.270020	539.799988
539.799988					
## 4633	2015-10-12	539.960022	550.820007	539.799988	550.190002
550.190002					
## 4634	2015-10-13	546.260010	553.200012	543.099976	548.900024
548.900024					
## 4635	2015-10-14	551.340027	552.250000	539.679993	544.830017
544.830017					
## 4636	2015-10-15	547.750000	563.000000	547.000000	562.440002
562.440002					
## 4637	2015-10-16	565.270020	570.940002	560.309998	570.760010
570.760010					
## 4638	2015-10-19	570.760010	579.000000	567.380005	573.150024
573.150024					
## 4639	2015-10-20	572.000000	573.000000	555.280029	560.880005
560.880005					
## 4640	2015-10-21	563.869995	565.250000	552.520020	555.770020
555.770020					
## 4641	2015-10-22	562.700012	569.150024	556.669983	563.909973
563.909973					
## 4642	2015-10-23	617.679993	619.450012	595.359985	599.030029
599.030029					

## 4643 2015-10-26	602.299988	609.849976	596.289978	608.609985
608.609985				
## 4644 2015-10-27	608.599976	614.710022	605.530029	611.010010
611.010010				
## 4645 2015-10-28	612.299988	617.229980	609.500000	617.099976
617.099976				
## 4646 2015-10-29	617.700012	627.539978	615.390015	626.549988
626.549988				
## 4647 2015-10-30	626.010010	630.719971	625.280029	625.900024
625.900024				
## 4648 2015-11-02	627.130005	628.630005	620.409973	628.349976
628.349976				
## 4649 2015-11-03	629.530029	629.890015	622.000000	625.309998
625.309998				
## 4650 2015-11-04	627.760010	645.929993	627.349976	640.950012
640.950012				
## 4651 2015-11-05	647.099976	657.000000	643.090027	655.650024
655.650024				
## 4652 2015-11-06	655.000000	662.260010	652.000000	659.369995
659.369995				
## 4653 2015-11-09	658.650024	661.960022	647.849976	655.489990
655.489990				
## 4654 2015-11-10	651.010010	660.000000	647.260010	659.679993
659.679993				
## 4655 2015-11-11	663.250000	675.960022	663.250000	673.250000
673.250000				
## 4656 2015-11-12	673.000000	675.640015	664.219971	665.599976
665.599976				
## 4657 2015-11-13	663.570007	667.000000	640.450012	642.349976
642.349976				
## 4658 2015-11-16	640.919983	649.989990	622.289978	647.809998
647.809998				
## 4659 2015-11-17	650.650024	653.250000	641.000000	643.299988
643.299988				
## 4660 2015-11-18	646.510010	664.880005	646.369995	663.539978
663.539978				
## 4661 2015-11-19	664.989990	672.859985	659.000000	661.270020
661.270020				
## 4662 2015-11-20	667.940002	668.869995	657.570007	668.450012
668.450012				
## 4663 2015-11-23	671.500000	682.770020	670.119995	678.989990
678.989990				
## 4664 2015-11-24	674.140015	675.799988	661.210022	671.150024
671.150024				
## 4665 2015-11-25	675.000000	679.700012	671.239990	675.340027
675.340027				
## 4666 2015-11-27	680.799988	680.989990	672.099976	673.260010
673.260010				
## 4667 2015-11-30	675.900024	681.289978	664.599976	664.799988
664.799988				

## 4668	2015-12-01	673.750000	681.000000	667.859985	679.059998
679.059998					
## 4669	2015-12-02	681.000000	684.820007	674.250000	676.010010
676.010010					
## 4670	2015-12-03	679.440002	682.789978	661.479980	666.250000
666.250000					
## 4671	2015-12-04	666.000000	674.780029	661.400024	672.640015
672.640015					
## 4672	2015-12-07	674.739990	675.460022	660.500000	669.830017
669.830017					
## 4673	2015-12-08	663.130005	679.989990	659.789978	677.330017
677.330017					
## 4674	2015-12-09	678.000000	679.000000	655.679993	664.789978
664.789978					
## 4675	2015-12-10	665.590027	668.530029	659.559998	662.320007
662.320007					
## 4676	2015-12-11	651.229980	657.880005	639.619995	640.150024
640.150024					
## 4677	2015-12-14	641.750000	658.590027	635.270020	657.909973
657.909973					
## 4678	2015-12-15	665.030029	671.500000	657.349976	658.640015
658.640015					
## 4679	2015-12-16	663.559998	677.349976	659.320007	675.770020
675.770020					
## 4680	2015-12-17	680.000000	682.500000	670.650024	670.650024
670.650024					
## 4681	2015-12-18	668.650024	676.840027	664.130005	664.140015
664.140015					
## 4682	2015-12-21	668.500000	669.900024	658.929993	664.510010
664.510010					
## 4683	2015-12-22	666.830017	668.489990	659.260010	663.150024
663.150024					
## 4684	2015-12-23	666.500000	666.599976	656.630005	663.700012
663.700012					
## 4685	2015-12-24	663.349976	664.679993	660.599976	662.789978
662.789978					
## 4686	2015-12-28	665.559998	675.500000	665.500000	675.200012
675.200012					
## 4687	2015-12-29	677.979980	696.440002	677.890015	693.969971
693.969971					
## 4688	2015-12-30	691.890015	695.489990	686.380005	689.070007
689.070007					
## 4689	2015-12-31	686.080017	687.750000	675.890015	675.890015
675.890015					
## 4690	2016-01-04	656.289978	657.719971	627.510010	636.989990
636.989990					
## 4691	2016-01-05	646.859985	646.909973	627.650024	633.789978
633.789978					
## 4692	2016-01-06	622.000000	639.789978	620.309998	632.650024
632.650024					

## 4693	2016-01-07	621.799988	630.000000	605.210022	607.940002
607.940002					
## 4694	2016-01-08	619.659973	624.140015	606.000000	607.049988
607.049988					
## 4695	2016-01-11	612.479980	619.849976	598.570007	617.739990
617.739990					
## 4696	2016-01-12	625.250000	625.989990	612.239990	617.890015
617.890015					
## 4697	2016-01-13	620.880005	620.880005	579.159973	581.809998
581.809998					
## 4698	2016-01-14	580.250000	602.250000	569.880005	593.000000
593.000000					
## 4699	2016-01-15	572.239990	584.619995	565.299988	570.179993
570.179993					
## 4700	2016-01-19	577.090027	584.000000	566.450012	574.479980
574.479980					
## 4701	2016-01-20	564.359985	578.450012	547.179993	571.770020
571.770020					
## 4702	2016-01-21	573.580017	588.809998	568.219971	575.020020
575.020020					
## 4703	2016-01-22	588.729980	600.099976	584.109985	596.380005
596.380005					
## 4704	2016-01-25	597.989990	608.500000	594.559998	596.530029
596.530029					
## 4705	2016-01-26	603.450012	604.500000	590.380005	601.250000
601.250000					
## 4706	2016-01-27	601.989990	603.390015	578.780029	583.349976
583.349976					
## 4707	2016-01-28	608.369995	638.059998	597.549988	635.349976
635.349976					
## 4708	2016-01-29	571.979980	593.000000	570.000000	587.000000
587.000000					
## 4709	2016-02-01	578.150024	581.799988	570.309998	574.809998
574.809998					
## 4710	2016-02-02	570.000000	571.559998	550.090027	552.099976
552.099976					
## 4711	2016-02-03	553.500000	556.000000	521.900024	531.070007
531.070007					
## 4712	2016-02-04	525.000000	538.989990	519.219971	536.260010
536.260010					
## 4713	2016-02-05	529.280029	529.450012	499.190002	502.130005
502.130005					
## 4714	2016-02-08	486.470001	493.500000	475.209991	488.100006
488.100006					
## 4715	2016-02-09	478.010010	498.380005	474.000000	482.070007
482.070007					
## 4716	2016-02-10	491.760010	504.660004	486.000000	490.480011
490.480011					
## 4717	2016-02-11	491.170013	509.299988	484.000000	503.820007
503.820007					

## 4718	2016-02-12	510.700012	516.750000	501.489990	507.079987
507.079987					
## 4719	2016-02-16	519.479980	524.450012	511.660004	521.099976
521.099976					
## 4720	2016-02-17	528.739990	537.479980	519.390015	534.099976
534.099976					
## 4721	2016-02-18	541.190002	541.200012	523.729980	525.000000
525.000000					
## 4722	2016-02-19	520.710022	535.950012	515.349976	534.900024
534.900024					
## 4723	2016-02-22	542.200012	560.650024	541.080017	559.500000
559.500000					
## 4724	2016-02-23	555.549988	556.909973	545.330017	552.940002
552.940002					
## 4725	2016-02-24	545.750000	554.270020	533.150024	554.039978
554.039978					
## 4726	2016-02-25	555.520020	559.390015	545.289978	555.150024
555.150024					
## 4727	2016-02-26	560.119995	562.500000	553.169983	555.229980
555.229980					
## 4728	2016-02-29	554.000000	564.809998	552.510010	552.520020
552.520020					
## 4729	2016-03-01	556.289978	579.250000	556.000000	579.039978
579.039978					
## 4730	2016-03-02	581.750000	585.000000	573.700012	580.210022
580.210022					
## 4731	2016-03-03	577.960022	579.869995	573.109985	577.489990
577.489990					
## 4732	2016-03-04	581.070007	581.400024	571.070007	575.140015
575.140015					
## 4733	2016-03-07	573.539978	573.630005	555.549988	562.799988
562.799988					
## 4734	2016-03-08	557.869995	571.349976	554.739990	560.260010
560.260010					
## 4735	2016-03-09	559.559998	560.349976	550.130005	559.469971
559.469971					
## 4736	2016-03-10	566.739990	567.000000	547.900024	558.929993
558.929993					
## 4737	2016-03-11	566.950012	570.059998	562.729980	569.609985
569.609985					
## 4738	2016-03-14	567.000000	576.890015	563.049988	573.369995
573.369995					
## 4739	2016-03-15	571.000000	581.520020	567.000000	577.020020
577.020020					
## 4740	2016-03-16	576.640015	581.320007	571.140015	574.270020
574.270020					
## 4741	2016-03-17	569.510010	571.400024	555.010010	559.440002
559.440002					
## 4742	2016-03-18	560.940002	562.330017	546.090027	552.080017
552.080017					

## 4743	2016-03-21	548.909973	555.239990	538.580017	553.979980
		553.979980			
## 4744	2016-03-22	545.109985	562.760010	545.049988	560.479980
		560.479980			
## 4745	2016-03-23	561.000000	572.479980	558.099976	569.630005
		569.630005			
## 4746	2016-03-24	567.109985	583.549988	567.080017	582.950012
		582.950012			
## 4747	2016-03-28	584.400024	584.750000	575.559998	579.869995
		579.869995			
## 4748	2016-03-29	580.150024	595.849976	576.500000	593.859985
		593.859985			
## 4749	2016-03-30	596.710022	603.239990	595.000000	598.690002
		598.690002			
## 4750	2016-03-31	599.280029	600.750000	592.210022	593.640015
		593.640015			
## 4751	2016-04-01	590.489990	599.030029	588.299988	598.500000
		598.500000			
## 4752	2016-04-04	599.000000	599.500000	590.549988	593.190002
		593.190002			
## 4753	2016-04-05	590.770020	593.469971	585.250000	586.140015
		586.140015			
## 4754	2016-04-06	587.520020	602.390015	587.500000	602.080017
		602.080017			
## 4755	2016-04-07	598.760010	599.599976	589.080017	591.429993
		591.429993			
## 4756	2016-04-08	594.320007	597.859985	589.000000	594.599976
		594.599976			
## 4757	2016-04-11	596.140015	604.000000	594.909973	595.929993
		595.929993			
## 4758	2016-04-12	598.400024	604.059998	592.309998	603.169983
		603.169983			
## 4759	2016-04-13	607.679993	616.809998	605.289978	614.820007
		614.820007			
## 4760	2016-04-14	615.070007	624.380005	615.070007	620.750000
		620.750000			
## 4761	2016-04-15	621.919983	626.770020	618.109985	625.890015
		625.890015			
## 4762	2016-04-18	625.349976	637.640015	624.960022	635.349976
		635.349976			
## 4763	2016-04-19	637.140015	638.010010	620.799988	627.900024
		627.900024			
## 4764	2016-04-20	630.000000	636.549988	623.000000	632.989990
		632.989990			
## 4765	2016-04-21	631.000000	637.820007	628.500000	631.000000
		631.000000			
## 4766	2016-04-22	624.469971	628.250000	611.559998	620.500000
		620.500000			
## 4767	2016-04-25	616.609985	626.979980	616.250000	626.200012
		626.200012			

## 4768	2016-04-26	626.169983	626.750000	614.880005	616.880005
616.880005					
## 4769	2016-04-27	611.799988	615.950012	601.280029	606.570007
606.570007					
## 4770	2016-04-28	615.539978	626.799988	599.200012	602.000000
602.000000					
## 4771	2016-04-29	666.000000	669.979980	654.000000	659.590027
659.590027					
## 4772	2016-05-02	663.919983	685.500000	662.030029	683.849976
683.849976					
## 4773	2016-05-03	677.359985	680.299988	670.429993	671.320007
671.320007					
## 4774	2016-05-04	662.590027	674.000000	662.140015	670.900024
670.900024					
## 4775	2016-05-05	673.309998	676.489990	656.000000	659.090027
659.090027					
## 4776	2016-05-06	656.049988	676.950012	656.010010	673.950012
673.950012					
## 4777	2016-05-09	673.950012	686.979980	671.409973	679.750000
679.750000					
## 4778	2016-05-10	694.000000	704.549988	693.500000	703.070007
703.070007					
## 4779	2016-05-11	705.789978	719.000000	701.650024	713.229980
713.229980					
## 4780	2016-05-12	717.380005	722.450012	711.510010	717.929993
717.929993					
## 4781	2016-05-13	714.640015	719.250000	706.510010	709.919983
709.919983					
## 4782	2016-05-16	710.130005	713.250000	700.280029	710.659973
710.659973					
## 4783	2016-05-17	709.900024	714.469971	693.909973	695.270020
695.270020					
## 4784	2016-05-18	689.559998	702.539978	688.760010	697.450012
697.450012					
## 4785	2016-05-19	691.880005	699.400024	689.559998	698.520020
698.520020					
## 4786	2016-05-20	701.049988	707.239990	700.000000	702.799988
702.799988					
## 4787	2016-05-23	704.250000	706.000000	696.419983	696.750000
696.750000					
## 4788	2016-05-24	698.010010	707.500000	698.000000	704.200012
704.200012					
## 4789	2016-05-25	708.000000	710.859985	705.520020	708.349976
708.349976					
## 4790	2016-05-26	708.330017	715.000000	707.289978	714.909973
714.909973					
## 4791	2016-05-27	715.000000	716.599976	711.099976	712.239990
712.239990					
## 4792	2016-05-31	712.330017	724.229980	711.320007	722.789978
722.789978					

## 4793	2016-06-01	720.900024	726.429993	718.219971	719.440002
719.440002					
## 4794	2016-06-02	720.969971	728.280029	715.500000	728.239990
728.239990					
## 4795	2016-06-03	726.739990	727.000000	718.429993	725.539978
725.539978					
## 4796	2016-06-06	726.500000	731.500000	724.419983	726.729980
726.729980					
## 4797	2016-06-07	729.890015	730.000000	720.549988	723.739990
723.739990					
## 4798	2016-06-08	726.400024	729.419983	721.599976	726.640015
726.640015					
## 4799	2016-06-09	723.099976	728.909973	722.299988	727.650024
727.650024					
## 4800	2016-06-10	722.349976	724.979980	714.210022	717.909973
717.909973					
## 4801	2016-06-13	714.010010	721.989990	711.159973	715.239990
715.239990					
## 4802	2016-06-14	712.330017	720.809998	712.270020	719.299988
719.299988					
## 4803	2016-06-15	722.000000	722.559998	713.349976	714.260010
714.260010					
## 4804	2016-06-16	712.049988	718.000000	705.299988	717.510010
717.510010					
## 4805	2016-06-17	718.190002	718.200012	699.179993	706.390015
706.390015					
## 4806	2016-06-20	713.500000	721.309998	710.809998	714.010010
714.010010					
## 4807	2016-06-21	715.719971	718.400024	712.719971	715.820007
715.820007					
## 4808	2016-06-22	716.580017	717.000000	707.570007	710.599976
710.599976					
## 4809	2016-06-23	715.500000	722.119995	712.500000	722.080017
722.080017					
## 4810	2016-06-24	693.000000	712.530029	692.200012	698.960022
698.960022					
## 4811	2016-06-27	692.010010	696.820007	682.119995	691.359985
691.359985					
## 4812	2016-06-28	700.000000	708.000000	698.169983	707.950012
707.950012					
## 4813	2016-06-29	715.750000	719.500000	713.539978	715.599976
715.599976					
## 4814	2016-06-30	717.200012	719.369995	712.539978	715.619995
715.619995					
## 4815	2016-07-01	717.320007	728.000000	716.539978	725.679993
725.679993					
## 4816	2016-07-05	722.799988	729.559998	719.609985	728.099976
728.099976					
## 4817	2016-07-06	725.710022	737.770020	722.580017	737.609985
737.609985					

## 4818	2016-07-07	739.330017	739.549988	731.630005	736.570007
736.570007					
## 4819	2016-07-08	740.140015	746.099976	738.000000	745.809998
745.809998					
## 4820	2016-07-11	750.000000	755.900024	747.000000	753.780029
753.780029					
## 4821	2016-07-12	756.859985	757.340027	740.330017	748.210022
748.210022					
## 4822	2016-07-13	746.760010	756.869995	741.250000	742.630005
742.630005					
## 4823	2016-07-14	748.859985	749.039978	739.020020	741.200012
741.200012					
## 4824	2016-07-15	746.549988	746.549988	734.049988	735.440002
735.440002					
## 4825	2016-07-18	735.489990	741.599976	728.719971	736.070007
736.070007					
## 4826	2016-07-19	732.500000	743.330017	732.309998	739.950012
739.950012					
## 4827	2016-07-20	744.000000	746.250000	740.700012	745.719971
745.719971					
## 4828	2016-07-21	747.500000	749.359985	742.789978	744.429993
744.429993					
## 4829	2016-07-22	747.789978	751.280029	743.530029	744.859985
744.859985					
## 4830	2016-07-25	746.549988	748.500000	735.349976	739.609985
739.609985					
## 4831	2016-07-26	742.710022	743.130005	732.750000	735.590027
735.590027					
## 4832	2016-07-27	737.969971	740.940002	733.859985	736.669983
736.669983					
## 4833	2016-07-28	745.979980	753.359985	739.700012	752.609985
752.609985					
## 4834	2016-07-29	765.000000	766.000000	755.000000	758.809998
758.809998					
## 4835	2016-08-01	759.869995	770.500000	757.059998	767.739990
767.739990					
## 4836	2016-08-02	763.809998	765.010010	757.020020	760.580017
760.580017					
## 4837	2016-08-03	757.059998	758.890015	752.250000	754.640015
754.640015					
## 4838	2016-08-04	753.700012	765.000000	750.349976	760.770020
760.770020					
## 4839	2016-08-05	764.809998	768.469971	763.090027	765.979980
765.979980					
## 4840	2016-08-08	766.809998	767.000000	761.020020	766.559998
766.559998					
## 4841	2016-08-09	767.390015	772.599976	766.900024	768.309998
768.309998					
## 4842	2016-08-10	769.799988	772.099976	766.190002	768.559998
768.559998					

## 4843	2016-08-11	769.940002	773.750000	769.119995	771.239990
771.239990					
## 4844	2016-08-12	768.460022	773.150024	768.419983	772.559998
772.559998					
## 4845	2016-08-15	771.900024	772.039978	767.710022	768.489990
768.489990					
## 4846	2016-08-16	768.619995	768.729980	763.820007	764.039978
764.039978					
## 4847	2016-08-17	764.409973	765.219971	759.200012	764.630005
764.630005					
## 4848	2016-08-18	764.000000	765.169983	760.599976	764.460022
764.460022					
## 4849	2016-08-19	761.900024	762.489990	756.890015	757.309998
757.309998					
## 4850	2016-08-22	757.500000	759.849976	752.099976	759.479980
759.479980					
## 4851	2016-08-23	763.309998	764.700012	761.000000	762.450012
762.450012					
## 4852	2016-08-24	763.000000	763.409973	755.359985	757.250000
757.250000					
## 4853	2016-08-25	756.000000	760.559998	754.739990	759.219971
759.219971					
## 4854	2016-08-26	760.049988	770.000000	759.799988	769.000000
769.000000					
## 4855	2016-08-29	768.719971	774.979980	768.599976	771.289978
771.289978					
## 4856	2016-08-30	771.049988	771.840027	765.559998	767.580017
767.580017					
## 4857	2016-08-31	766.599976	769.640015	764.000000	769.159973
769.159973					
## 4858	2016-09-01	770.900024	772.039978	766.750000	770.619995
770.619995					
## 4859	2016-09-02	774.109985	776.000000	771.700012	772.440002
772.440002					
## 4860	2016-09-06	774.039978	789.479980	770.219971	788.869995
788.869995					
## 4861	2016-09-07	789.530029	790.789978	784.330017	784.479980
784.479980					
## 4862	2016-09-08	783.890015	786.500000	781.440002	784.059998
784.059998					
## 4863	2016-09-09	779.359985	781.000000	760.109985	760.140015
760.140015					
## 4864	2016-09-12	757.349976	772.659973	756.000000	771.489990
771.489990					
## 4865	2016-09-13	768.770020	769.890015	759.049988	761.010010
761.010010					
## 4866	2016-09-14	762.200012	767.500000	758.849976	761.090027
761.090027					
## 4867	2016-09-15	762.000000	770.869995	757.580017	769.690002
769.690002					

## 4868	2016-09-16	773.280029	780.460022	771.659973	778.520020
		778.520020			
## 4869	2016-09-19	779.969971	781.940002	771.000000	775.099976
		775.099976			
## 4870	2016-09-20	776.000000	781.369995	776.000000	780.219971
		780.219971			
## 4871	2016-09-21	783.250000	790.690002	779.010010	789.739990
		789.739990			
## 4872	2016-09-22	794.270020	805.890015	794.270020	804.700012
		804.700012			
## 4873	2016-09-23	803.130005	807.750000	802.119995	805.750000
		805.750000			
## 4874	2016-09-26	801.799988	805.929993	797.150024	799.159973
		799.159973			
## 4875	2016-09-27	801.849976	816.640015	801.109985	816.109985
		816.109985			
## 4876	2016-09-28	818.000000	830.140015	817.030029	828.719971
		828.719971			
## 4877	2016-09-29	828.260010	837.500000	824.630005	829.049988
		829.049988			
## 4878	2016-09-30	832.609985	839.950012	832.400024	837.309998
		837.309998			
## 4879	2016-10-03	836.000000	839.859985	831.250000	836.739990
		836.739990			
## 4880	2016-10-04	840.909973	842.369995	830.260010	834.030029
		834.030029			
## 4881	2016-10-05	838.000000	845.669983	836.119995	844.359985
		844.359985			
## 4882	2016-10-06	843.700012	847.210022	840.599976	841.659973
		841.659973			
## 4883	2016-10-07	845.789978	845.950012	837.450012	839.429993
		839.429993			
## 4884	2016-10-10	843.250000	845.200012	840.270020	841.710022
		841.710022			
## 4885	2016-10-11	841.020020	841.289978	828.349976	831.000000
		831.000000			
## 4886	2016-10-12	834.000000	837.669983	830.099976	834.090027
		834.090027			
## 4887	2016-10-13	829.000000	831.799988	821.210022	829.280029
		829.280029			
## 4888	2016-10-14	835.080017	835.739990	822.960022	822.960022
		822.960022			
## 4889	2016-10-17	821.500000	822.000000	811.679993	812.950012
		812.950012			
## 4890	2016-10-18	822.109985	823.260010	815.020020	817.650024
		817.650024			
## 4891	2016-10-19	820.400024	820.669983	815.169983	817.690002
		817.690002			
## 4892	2016-10-20	813.989990	815.710022	803.099976	810.320007
		810.320007			

## 4893	2016-10-21	809.359985	819.419983	809.000000	818.989990
818.989990					
## 4894	2016-10-24	824.950012	838.299988	822.210022	838.090027
838.090027					
## 4895	2016-10-25	839.299988	843.090027	833.219971	835.179993
835.179993					
## 4896	2016-10-26	832.760010	833.440002	820.000000	822.590027
822.590027					
## 4897	2016-10-27	831.239990	831.719971	815.429993	818.359985
818.359985					
## 4898	2016-10-28	782.000000	789.489990	774.609985	776.320007
776.320007					
## 4899	2016-10-31	781.030029	793.700012	780.109985	789.820007
789.820007					
## 4900	2016-11-01	799.000000	800.840027	776.710022	785.409973
785.409973					
## 4901	2016-11-02	783.929993	784.750000	763.549988	765.559998
765.559998					
## 4902	2016-11-03	765.049988	777.000000	764.000000	767.030029
767.030029					
## 4903	2016-11-04	762.789978	766.000000	753.229980	755.049988
755.049988					
## 4904	2016-11-07	771.640015	787.729980	770.940002	784.929993
784.929993					
## 4905	2016-11-08	784.969971	791.739990	779.099976	787.750000
787.750000					
## 4906	2016-11-09	764.000000	777.500000	760.090027	771.880005
771.880005					
## 4907	2016-11-10	778.809998	778.830017	717.700012	742.380005
742.380005					
## 4908	2016-11-11	735.729980	743.260010	728.900024	739.010010
739.010010					
## 4909	2016-11-14	745.510010	746.000000	710.099976	719.070007
719.070007					
## 4910	2016-11-15	730.000000	746.780029	725.989990	743.239990
743.239990					
## 4911	2016-11-16	739.880005	749.869995	735.609985	746.489990
746.489990					
## 4912	2016-11-17	749.320007	757.500000	748.000000	756.400024
756.400024					
## 4913	2016-11-18	761.000000	767.739990	757.640015	760.159973
760.159973					
## 4914	2016-11-21	766.000000	780.349976	765.109985	780.000000
780.000000					
## 4915	2016-11-22	788.169983	792.400024	781.000000	785.330017
785.330017					
## 4916	2016-11-23	781.729980	781.750000	773.119995	780.119995
780.119995					
## 4917	2016-11-25	786.500000	786.750000	777.900024	780.369995
780.369995					

## 4918	2016-11-28	776.989990	777.000000	764.239990	766.770020
766.770020					
## 4919	2016-11-29	768.000000	769.890015	761.320007	762.520020
762.520020					
## 4920	2016-11-30	762.000000	768.090027	750.250000	750.570007
750.570007					
## 4921	2016-12-01	752.409973	753.369995	738.030029	743.650024
743.650024					
## 4922	2016-12-02	743.400024	748.489990	736.700012	740.340027
740.340027					
## 4923	2016-12-05	745.000000	761.489990	742.000000	759.359985
759.359985					
## 4924	2016-12-06	763.989990	768.239990	757.250000	764.719971
764.719971					
## 4925	2016-12-07	764.549988	770.419983	755.820007	770.419983
770.419983					
## 4926	2016-12-08	771.869995	773.789978	765.190002	767.330017
767.330017					
## 4927	2016-12-09	770.000000	770.250000	765.340027	768.659973
768.659973					
## 4928	2016-12-12	766.400024	766.890015	757.200012	760.119995
760.119995					
## 4929	2016-12-13	764.960022	782.460022	762.000000	774.340027
774.340027					
## 4930	2016-12-14	778.250000	780.859985	762.809998	768.820007
768.820007					
## 4931	2016-12-15	766.280029	769.099976	760.309998	761.000000
761.000000					
## 4932	2016-12-16	765.000000	765.130005	754.000000	757.770020
757.770020					
## 4933	2016-12-19	758.890015	770.500000	756.159973	766.000000
766.000000					
## 4934	2016-12-20	768.650024	774.390015	767.710022	771.219971
771.219971					
## 4935	2016-12-21	770.000000	771.219971	765.700012	770.599976
770.599976					
## 4936	2016-12-22	768.119995	771.210022	763.020020	766.340027
766.340027					
## 4937	2016-12-23	764.549988	766.500000	757.989990	760.590027
760.590027					
## 4938	2016-12-27	763.400024	774.650024	761.200012	771.400024
771.400024					
## 4939	2016-12-28	776.250000	780.000000	770.500000	772.130005
772.130005					
## 4940	2016-12-29	772.400024	773.400024	760.849976	765.150024
765.150024					
## 4941	2016-12-30	766.469971	767.400024	748.280029	749.869995
749.869995					
## 4942	2017-01-03	757.919983	758.760010	747.700012	753.669983
753.669983					

## 4943	2017-01-04	758.390015	759.679993	754.200012	757.179993
757.179993					
## 4944	2017-01-05	761.549988	782.400024	760.260010	780.450012
780.450012					
## 4945	2017-01-06	782.359985	799.440002	778.479980	795.989990
795.989990					
## 4946	2017-01-09	798.000000	801.770020	791.770020	796.919983
796.919983					
## 4947	2017-01-10	796.599976	798.000000	789.539978	795.900024
795.900024					
## 4948	2017-01-11	793.659973	799.500000	789.510010	799.020020
799.020020					
## 4949	2017-01-12	800.309998	814.130005	799.500000	813.640015
813.640015					
## 4950	2017-01-13	814.320007	821.650024	811.400024	817.140015
817.140015					
## 4951	2017-01-17	815.700012	816.000000	803.440002	809.719971
809.719971					
## 4952	2017-01-18	809.500000	811.729980	804.270020	807.479980
807.479980					
## 4953	2017-01-19	810.000000	813.510010	807.320007	809.039978
809.039978					
## 4954	2017-01-20	815.280029	816.020020	806.260010	808.330017
808.330017					
## 4955	2017-01-23	806.799988	818.500000	805.080017	817.880005
817.880005					
## 4956	2017-01-24	822.000000	823.989990	814.500000	822.440002
822.440002					
## 4957	2017-01-25	825.789978	837.419983	825.289978	836.520020
836.520020					
## 4958	2017-01-26	835.530029	843.840027	833.000000	839.150024
839.150024					
## 4959	2017-01-27	839.000000	839.700012	829.440002	835.770020
835.770020					
## 4960	2017-01-30	833.000000	833.500000	816.380005	830.380005
830.380005					
## 4961	2017-01-31	823.750000	826.989990	819.559998	823.479980
823.479980					
## 4962	2017-02-01	829.210022	833.780029	824.940002	832.349976
832.349976					
## 4963	2017-02-02	836.590027	842.489990	828.260010	839.950012
839.950012					
## 4964	2017-02-03	806.719971	818.299988	804.000000	810.200012
810.200012					
## 4965	2017-02-06	809.799988	810.719971	803.000000	807.640015
807.640015					
## 4966	2017-02-07	809.309998	816.159973	807.500000	812.500000
812.500000					
## 4967	2017-02-08	812.690002	821.479980	812.500000	819.710022
819.710022					

## 4968	2017-02-09	821.599976	825.000000	819.710022	821.359985
821.359985					
## 4969	2017-02-10	823.820007	828.000000	822.849976	827.460022
827.460022					
## 4970	2017-02-13	831.619995	843.000000	828.549988	836.530029
836.530029					
## 4971	2017-02-14	837.000000	838.309998	831.450012	836.390015
836.390015					
## 4972	2017-02-15	834.000000	842.809998	832.820007	842.700012
842.700012					
## 4973	2017-02-16	841.840027	845.000000	839.380005	844.140015
844.140015					
## 4974	2017-02-17	842.000000	847.270020	840.729980	845.070007
845.070007					
## 4975	2017-02-21	848.840027	857.979980	847.250000	856.440002
856.440002					
## 4976	2017-02-22	856.950012	858.429993	852.179993	855.609985
855.609985					
## 4977	2017-02-23	857.570007	860.859985	848.000000	852.190002
852.190002					
## 4978	2017-02-24	844.690002	845.809998	837.750000	845.239990
845.239990					
## 4979	2017-02-27	842.380005	852.500000	839.669983	848.640015
848.640015					
## 4980	2017-02-28	851.450012	854.090027	842.049988	845.039978
845.039978					
## 4981	2017-03-01	853.049988	854.830017	849.010010	853.080017
853.080017					
## 4982	2017-03-02	853.080017	854.820007	847.280029	848.909973
848.909973					
## 4983	2017-03-03	847.200012	851.989990	846.270020	849.880005
849.880005					
## 4984	2017-03-06	845.229980	848.489990	841.119995	846.609985
846.609985					
## 4985	2017-03-07	845.479980	848.460022	843.750000	846.020020
846.020020					
## 4986	2017-03-08	848.000000	853.070007	846.789978	850.500000
850.500000					
## 4987	2017-03-09	851.000000	856.400024	850.309998	853.000000
853.000000					
## 4988	2017-03-10	857.000000	857.349976	851.719971	852.460022
852.460022					
## 4989	2017-03-13	851.770020	855.690002	851.710022	854.590027
854.590027					
## 4990	2017-03-14	853.549988	853.750000	847.549988	852.530029
852.530029					
## 4991	2017-03-15	854.330017	854.450012	847.109985	852.969971
852.969971					
## 4992	2017-03-16	855.299988	855.500000	850.510010	853.419983
853.419983					

## 4993	2017-03-17	853.489990	853.830017	850.640015	852.309998
		852.309998			
## 4994	2017-03-20	851.510010	857.799988	851.010010	856.969971
		856.969971			
## 4995	2017-03-21	858.840027	862.799988	841.309998	843.200012
		843.200012			
## 4996	2017-03-22	840.429993	849.369995	839.049988	848.059998
		848.059998			
## 4997	2017-03-23	848.200012	850.890015	844.799988	847.380005
		847.380005			
## 4998	2017-03-24	851.679993	851.799988	843.530029	845.609985
		845.609985			
## 4999	2017-03-27	838.070007	850.299988	833.500000	846.820007
		846.820007			
## 5000	2017-03-28	851.750000	858.460022	850.099976	856.000000
		856.000000			
## 5001	2017-03-29	859.049988	876.440002	859.020020	874.320007
		874.320007			
## 5002	2017-03-30	874.950012	877.059998	871.659973	876.340027
		876.340027			
## 5003	2017-03-31	877.000000	890.349976	876.650024	886.539978
		886.539978			
## 5004	2017-04-03	888.000000	893.489990	885.419983	891.510010
		891.510010			
## 5005	2017-04-04	891.500000	908.539978	890.280029	906.830017
		906.830017			
## 5006	2017-04-05	910.820007	923.719971	905.619995	909.280029
		909.280029			
## 5007	2017-04-06	913.799988	917.190002	894.489990	898.280029
		898.280029			
## 5008	2017-04-07	899.650024	900.090027	889.309998	894.880005
		894.880005			
## 5009	2017-04-10	899.630005	908.510010	899.000000	907.039978
		907.039978			
## 5010	2017-04-11	907.039978	911.239990	897.500000	902.359985
		902.359985			
## 5011	2017-04-12	903.090027	904.090027	895.250000	896.229980
		896.229980			
## 5012	2017-04-13	891.450012	894.969971	884.489990	884.669983
		884.669983			
## 5013	2017-04-17	887.500000	902.380005	887.500000	901.989990
		901.989990			
## 5014	2017-04-18	900.989990	909.609985	900.780029	903.780029
		903.780029			
## 5015	2017-04-19	907.840027	910.500000	897.369995	899.200012
		899.200012			
## 5016	2017-04-20	899.700012	905.320007	896.289978	902.059998
		902.059998			
## 5017	2017-04-21	902.669983	903.650024	896.770020	898.530029
		898.530029			

## 5018	2017-04-24	908.679993	909.989990	903.820007	907.409973
907.409973					
## 5019	2017-04-25	907.039978	909.479980	903.000000	907.619995
907.619995					
## 5020	2017-04-26	910.299988	915.750000	907.559998	909.289978
909.289978					
## 5021	2017-04-27	914.390015	921.859985	912.109985	918.380005
918.380005					
## 5022	2017-04-28	948.830017	949.590027	924.330017	924.989990
924.989990					
## 5023	2017-05-01	927.799988	954.400024	927.799988	948.229980
948.229980					
## 5024	2017-05-02	946.650024	950.099976	941.409973	946.940002
946.940002					
## 5025	2017-05-03	946.000000	946.000000	935.900024	941.030029
941.030029					
## 5026	2017-05-04	944.750000	945.000000	934.219971	937.530029
937.530029					
## 5027	2017-05-05	940.520020	940.789978	930.299988	934.150024
934.150024					
## 5028	2017-05-08	940.950012	949.049988	939.210022	949.039978
949.039978					
## 5029	2017-05-09	952.799988	957.890015	950.200012	952.820007
952.820007					
## 5030	2017-05-10	953.500000	953.750000	945.000000	948.950012
948.950012					
## 5031	2017-05-11	945.109985	950.289978	940.780029	947.619995
947.619995					
## 5032	2017-05-12	954.500000	962.789978	951.530029	961.349976
961.349976					
## 5033	2017-05-15	958.729980	963.150024	956.059998	957.969971
957.969971					
## 5034	2017-05-16	961.000000	970.059998	960.909973	966.070007
966.070007					
## 5035	2017-05-17	954.700012	960.400024	944.119995	944.760010
944.760010					
## 5036	2017-05-18	944.799988	962.750000	944.760010	958.489990
958.489990					
## 5037	2017-05-19	962.840027	968.919983	959.719971	959.840027
959.840027					
## 5038	2017-05-22	964.000000	971.380005	962.900024	970.669983
970.669983					
## 5039	2017-05-23	975.020020	975.200012	966.849976	971.539978
971.539978					
## 5040	2017-05-24	976.000000	981.000000	970.229980	980.349976
980.349976					
## 5041	2017-05-25	984.849976	999.000000	982.109985	993.380005
993.380005					
## 5042	2017-05-26	995.000000	998.650024	989.250000	995.780029
995.780029					

```

## 5043 2017-05-30 996.510010 1001.200012 995.520020 996.700012
996.700012
## 5044 2017-05-31 1000.000000 1000.119995 982.159973 994.619995
994.619995
## 5045 2017-06-01 998.590027 998.989990 991.369995 995.950012
995.950012
## 5046 2017-06-02 998.989990 1008.479980 995.669983 1006.729980
1006.729980
## 5047 2017-06-05 1007.229980 1013.210022 1003.510010 1011.340027
1011.340027
## 5048 2017-06-06 1012.000000 1016.500000 1001.250000 1003.000000
1003.000000
## 5049 2017-06-07 1005.950012 1010.250000 1002.000000 1010.070007
1010.070007
## 5050 2017-06-08 1012.059998 1013.609985 1006.109985 1010.270020
1010.270020
## 5051 2017-06-09 1012.500000 1012.989990 927.000000 978.309998
978.309998
## 5052 2017-06-12 967.000000 975.950012 945.000000 964.909973
964.909973
## 5053 2017-06-13 977.989990 984.500000 966.099976 980.789978
980.789978
## 5054 2017-06-14 988.590027 990.340027 966.710022 976.469971
976.469971
## 5055 2017-06-15 958.700012 965.729980 950.859985 964.169983
964.169983
## 5056 2017-06-16 996.000000 999.750000 982.000000 987.710022
987.710022
## 5057 2017-06-19 1017.000000 1017.000000 989.900024 995.169983
995.169983
## 5058 2017-06-20 998.000000 1004.880005 992.020020 992.590027
992.590027
## 5059 2017-06-21 998.700012 1002.719971 992.650024 1002.229980
1002.229980
## 5060 2017-06-22 1002.229980 1006.960022 997.200012 1001.299988
1001.299988
## 5061 2017-06-23 1002.539978 1004.619995 998.020020 1003.739990
1003.739990
## 5062 2017-06-26 1008.500000 1009.799988 992.000000 993.979980
993.979980
## 5063 2017-06-27 990.690002 998.799988 976.000000 976.780029
976.780029
## 5064 2017-06-28 978.549988 990.679993 969.210022 990.330017
990.330017
## 5065 2017-06-29 979.000000 987.559998 965.250000 975.929993
975.929993
## 5066 2017-06-30 980.119995 983.469971 967.609985 968.000000
968.000000
## 5067 2017-07-03 972.789978 974.489990 951.000000 953.659973
953.659973

```

```

## 5068 2017-07-05 961.530029 975.000000 955.250000 971.400024
971.400024
## 5069 2017-07-06 964.659973 974.400024 959.020020 965.140015
965.140015
## 5070 2017-07-07 969.549988 980.109985 969.140015 978.760010
978.760010
## 5071 2017-07-10 985.000000 999.440002 983.500000 996.469971
996.469971
## 5072 2017-07-11 993.000000 995.989990 983.719971 994.130005
994.130005
## 5073 2017-07-12 1000.650024 1008.549988 998.099976 1006.510010
1006.510010
## 5074 2017-07-13 1004.619995 1006.880005 995.900024 1000.630005
1000.630005
## 5075 2017-07-14 1002.400024 1004.450012 996.890015 1001.809998
1001.809998
## 5076 2017-07-17 1004.690002 1014.750000 1003.809998 1010.039978
1010.039978
## 5077 2017-07-18 1006.000000 1026.030029 1004.000000 1024.449951
1024.449951
## 5078 2017-07-19 1025.000000 1031.589966 1022.500000 1026.869995
1026.869995
## 5079 2017-07-20 1031.589966 1034.969971 1022.520020 1028.699951
1028.699951
## 5080 2017-07-21 1021.280029 1026.099976 1011.000000 1025.670044
1025.670044
## 5081 2017-07-24 1028.339966 1043.010010 1027.430054 1038.949951
1038.949951
## 5082 2017-07-25 1038.050049 1043.329956 1032.479980 1039.869995
1039.869995
## 5083 2017-07-26 1043.199951 1053.199951 1043.199951 1052.800049
1052.800049
## 5084 2017-07-27 1069.550049 1083.310059 1040.180054 1046.000000
1046.000000
## 5085 2017-07-28 1012.140015 1032.849976 1001.000000 1020.039978
1020.039978
## 5086 2017-07-31 1019.049988 1019.049988 987.020020 987.780029
987.780029
## 5087 2017-08-01 996.109985 1006.400024 991.580017 996.190002
996.190002
## 5088 2017-08-02 1001.770020 1003.210022 981.729980 995.890015
995.890015
## 5089 2017-08-03 999.469971 999.500000 984.590027 986.919983
986.919983
## 5090 2017-08-04 989.679993 991.669983 982.000000 987.580017
987.580017
## 5091 2017-08-07 990.650024 995.000000 987.140015 992.270020
992.270020
## 5092 2017-08-08 994.349976 996.280029 985.789978 989.840027
989.840027

```

## 5093 2017-08-09	982.599976	988.000000	975.270020	982.010010
982.010010				
## 5094 2017-08-10	976.299988	979.859985	954.679993	956.919983
956.919983				
## 5095 2017-08-11	960.000000	970.390015	951.380005	967.989990
967.989990				
## 5096 2017-08-14	978.409973	985.500000	976.190002	983.299988
983.299988				
## 5097 2017-08-15	988.900024	991.739990	982.000000	982.739990
982.739990				
## 5098 2017-08-16	981.650024	986.460022	973.219971	978.179993
978.179993				
## 5099 2017-08-17	977.840027	977.840027	960.320007	960.570007
960.570007				
## 5100 2017-08-18	961.400024	965.429993	954.650024	958.469971
958.469971				
## 5101 2017-08-21	957.570007	961.200012	945.460022	953.289978
953.289978				
## 5102 2017-08-22	955.520020	967.929993	955.500000	966.900024
966.900024				
## 5103 2017-08-23	959.380005	962.000000	954.200012	958.000000
958.000000				
## 5104 2017-08-24	957.419983	959.000000	941.140015	952.450012
952.450012				
## 5105 2017-08-25	956.000000	957.619995	944.099976	945.260010
945.260010				
## 5106 2017-08-28	946.539978	953.000000	942.250000	946.020020
946.020020				
## 5107 2017-08-29	940.000000	956.000000	936.330017	954.059998
954.059998				
## 5108 2017-08-30	958.440002	969.409973	956.909973	967.590027
967.590027				
## 5109 2017-08-31	974.700012	981.000000	972.760010	980.599976
980.599976				
## 5110 2017-09-01	984.200012	984.500000	976.880005	978.250000
978.250000				
## 5111 2017-09-05	975.400024	976.770020	960.369995	965.270020
965.270020				
## 5112 2017-09-06	968.320007	971.840027	960.599976	967.799988
967.799988				
## 5113 2017-09-07	974.000000	980.590027	972.549988	979.469971
979.469971				
## 5114 2017-09-08	979.099976	979.880005	963.469971	965.900024
965.900024				
## 5115 2017-09-11	974.460022	981.940002	974.219971	977.960022
977.960022				
## 5116 2017-09-12	983.270020	984.669983	975.520020	982.580017
982.580017				
## 5117 2017-09-13	983.969971	1000.000000	979.419983	999.599976
999.599976				

## 5118	2017-09-14	996.799988	998.559998	987.739990	992.210022
992.210022					
## 5119	2017-09-15	993.010010	996.250000	984.030029	986.789978
986.789978					
## 5120	2017-09-18	990.400024	992.789978	968.169983	974.190002
974.190002					
## 5121	2017-09-19	977.250000	978.239990	967.460022	969.859985
969.859985					
## 5122	2017-09-20	971.789978	974.809998	962.159973	973.210022
973.210022					
## 5123	2017-09-21	971.309998	971.700012	962.020020	964.650024
964.650024					
## 5124	2017-09-22	961.010010	965.609985	954.419983	955.099976
955.099976					
## 5125	2017-09-25	949.309998	949.419983	932.890015	939.789978
939.789978					
## 5126	2017-09-26	945.489990	948.630005	931.750000	938.599976
938.599976					
## 5127	2017-09-27	948.000000	955.299988	943.299988	950.869995
950.869995					
## 5128	2017-09-28	951.859985	959.700012	950.099976	956.400024
956.400024					
## 5129	2017-09-29	960.109985	964.830017	958.380005	961.349976
961.349976					
## 5130	2017-10-02	964.000000	967.309998	952.119995	959.190002
959.190002					
## 5131	2017-10-03	958.000000	963.690002	950.369995	957.099976
957.099976					
## 5132	2017-10-04	954.210022	967.789978	954.049988	965.450012
965.450012					
## 5133	2017-10-05	970.000000	981.510010	969.640015	980.849976
980.849976					
## 5134	2017-10-06	975.640015	995.750000	975.640015	989.580017
989.580017					
## 5135	2017-10-09	993.239990	998.500000	987.500000	990.989990
990.989990					
## 5136	2017-10-10	996.669983	997.950012	980.099976	987.200012
987.200012					
## 5137	2017-10-11	991.270020	995.500000	986.700012	995.000000
995.000000					
## 5138	2017-10-12	996.809998	1008.440002	992.400024	1000.929993
1000.929993					
## 5139	2017-10-13	1007.000000	1007.770020	1001.030029	1002.940002
1002.940002					
## 5140	2017-10-16	1008.440002	1009.570007	1001.039978	1006.340027
1006.340027					
## 5141	2017-10-17	1005.590027	1011.469971	1004.380005	1009.130005
1009.130005					
## 5142	2017-10-18	1009.270020	1022.309998	996.549988	997.000000
997.000000					

```
## 5143 2017-10-19 990.000000 991.049988 980.239990 986.609985  
986.609985  
## 5144 2017-10-20 993.530029 994.619995 982.000000 982.909973  
982.909973  
## 5145 2017-10-23 986.729980 986.780029 962.500000 966.299988  
966.299988  
## 5146 2017-10-24 969.000000 979.849976 965.000000 975.900024  
975.900024  
## 5147 2017-10-25 978.000000 984.440002 966.239990 972.909973  
972.909973  
## 5148 2017-10-26 980.330017 982.900024 968.549988 972.429993  
972.429993  
## 5149 2017-10-27 1058.140015 1105.579956 1050.550049 1100.949951  
1100.949951  
## 5150 2017-10-30 1095.010010 1122.790039 1093.560059 1110.849976  
1110.849976  
## 5151 2017-10-31 1109.000000 1110.540039 1101.119995 1105.280029  
1105.280029  
## 5152 2017-11-01 1105.400024 1108.969971 1096.739990 1103.680054  
1103.680054  
## 5153 2017-11-02 1097.810059 1101.939941 1086.869995 1094.219971  
1094.219971  
## 5154 2017-11-03 1091.150024 1112.680054 1088.520020 1111.599976  
1111.599976  
## 5155 2017-11-06 1109.150024 1125.410034 1108.770020 1120.660034  
1120.660034  
## 5156 2017-11-07 1124.739990 1130.599976 1117.500000 1123.170044  
1123.170044  
## 5157 2017-11-08 1122.819946 1135.540039 1119.109985 1132.880005  
1132.880005  
## 5158 2017-11-09 1125.959961 1129.619995 1115.770020 1129.130005  
1129.130005  
## 5159 2017-11-10 1126.099976 1131.750000 1124.060059 1125.349976  
1125.349976  
## 5160 2017-11-13 1123.000000 1139.900024 1122.339966 1129.170044  
1129.170044  
## 5161 2017-11-14 1130.109985 1138.000000 1123.890015 1136.839966  
1136.839966  
## 5162 2017-11-15 1127.010010 1131.750000 1121.630005 1126.689941  
1126.689941  
## 5163 2017-11-16 1130.160034 1138.160034 1130.050049 1137.290039  
1137.290039  
## 5164 2017-11-17 1138.280029 1138.800049 1125.810059 1129.880005  
1129.880005  
## 5165 2017-11-20 1129.770020 1133.420044 1122.550049 1126.310059  
1126.310059  
## 5166 2017-11-21 1132.859985 1140.000000 1128.199951 1139.489990  
1139.489990  
## 5167 2017-11-22 1141.000000 1160.270020 1141.000000 1156.160034  
1156.160034
```

```
## 5168 2017-11-24 1160.699951 1186.839966 1160.699951 1186.000000  
1186.000000  
## 5169 2017-11-27 1202.660034 1213.410034 1191.150024 1195.829956  
1195.829956  
## 5170 2017-11-28 1204.880005 1205.339966 1188.520020 1193.599976  
1193.599976  
## 5171 2017-11-29 1194.800049 1194.800049 1145.189941 1161.270020  
1161.270020  
## 5172 2017-11-30 1167.099976 1178.569946 1160.000000 1176.750000  
1176.750000  
## 5173 2017-12-01 1172.050049 1179.650024 1152.000000 1162.349976  
1162.349976  
## 5174 2017-12-04 1173.849976 1175.199951 1128.000000 1133.949951  
1133.949951  
## 5175 2017-12-05 1128.260010 1159.270020 1124.739990 1141.569946  
1141.569946  
## 5176 2017-12-06 1137.989990 1155.890015 1136.079956 1152.349976  
1152.349976  
## 5177 2017-12-07 1156.589966 1163.189941 1151.000000 1159.790039  
1159.790039  
## 5178 2017-12-08 1170.400024 1172.790039 1157.099976 1162.000000  
1162.000000  
## 5179 2017-12-11 1164.599976 1169.900024 1157.000000 1168.920044  
1168.920044  
## 5180 2017-12-12 1166.510010 1173.599976 1161.609985 1165.079956  
1165.079956  
## 5181 2017-12-13 1170.000000 1170.869995 1160.270020 1164.130005  
1164.130005  
## 5182 2017-12-14 1163.709961 1177.930054 1162.449951 1174.260010  
1174.260010  
## 5183 2017-12-15 1179.030029 1182.750000 1169.329956 1179.140015  
1179.140015  
## 5184 2017-12-18 1187.369995 1194.780029 1180.910034 1190.579956  
1190.579956  
## 5185 2017-12-19 1189.150024 1192.969971 1179.140015 1187.380005  
1187.380005  
## 5186 2017-12-20 1190.500000 1191.000000 1176.000000 1177.619995  
1177.619995  
## 5187 2017-12-21 1175.900024 1179.170044 1167.640015 1174.760010  
1174.760010  
## 5188 2017-12-22 1172.079956 1174.619995 1167.829956 1168.359985  
1168.359985  
## 5189 2017-12-26 1168.359985 1178.319946 1160.550049 1176.760010  
1176.760010  
## 5190 2017-12-27 1179.910034 1187.290039 1175.609985 1182.260010  
1182.260010  
## 5191 2017-12-28 1189.000000 1190.099976 1184.380005 1186.099976  
1186.099976  
## 5192 2017-12-29 1182.349976 1184.000000 1167.500000 1169.469971  
1169.469971
```

```
## 5193 2018-01-02 1172.000000 1190.000000 1170.510010 1189.010010  
1189.010010  
## 5194 2018-01-03 1188.300049 1205.489990 1188.300049 1204.199951  
1204.199951  
## 5195 2018-01-04 1205.000000 1215.869995 1204.660034 1209.589966  
1209.589966  
## 5196 2018-01-05 1217.510010 1229.140015 1210.000000 1229.140015  
1229.140015  
## 5197 2018-01-08 1236.000000 1253.079956 1232.030029 1246.869995  
1246.869995  
## 5198 2018-01-09 1256.900024 1259.329956 1241.760010 1252.699951  
1252.699951  
## 5199 2018-01-10 1245.150024 1254.329956 1237.229980 1254.329956  
1254.329956  
## 5200 2018-01-11 1259.739990 1276.770020 1256.459961 1276.680054  
1276.680054  
## 5201 2018-01-12 1273.390015 1305.760010 1273.390015 1305.199951  
1305.199951  
## 5202 2018-01-16 1323.000000 1339.939941 1292.300049 1304.859985  
1304.859985  
## 5203 2018-01-17 1312.239990 1314.000000 1280.880005 1295.000000  
1295.000000  
## 5204 2018-01-18 1293.949951 1304.599976 1284.020020 1293.319946  
1293.319946  
## 5205 2018-01-19 1312.000000 1313.000000 1292.989990 1294.579956  
1294.579956  
## 5206 2018-01-22 1297.170044 1327.449951 1296.660034 1327.310059  
1327.310059  
## 5207 2018-01-23 1338.089966 1364.900024 1337.339966 1362.540039  
1362.540039  
## 5208 2018-01-24 1374.819946 1388.160034 1338.000000 1357.510010  
1357.510010  
## 5209 2018-01-25 1368.000000 1378.339966 1357.619995 1377.949951  
1377.949951  
## 5210 2018-01-26 1392.010010 1402.530029 1380.910034 1402.050049  
1402.050049  
## 5211 2018-01-29 1409.180054 1431.390015 1400.439941 1417.680054  
1417.680054  
## 5212 2018-01-30 1403.170044 1439.250000 1392.000000 1437.819946  
1437.819946  
## 5213 2018-01-31 1451.300049 1472.579956 1450.040039 1450.890015  
1450.890015  
## 5214 2018-02-01 1445.000000 1459.880005 1385.140015 1390.000000  
1390.000000  
## 5215 2018-02-02 1477.390015 1498.000000 1414.000000 1429.949951  
1429.949951  
## 5216 2018-02-05 1402.619995 1458.979980 1320.719971 1390.000000  
1390.000000  
## 5217 2018-02-06 1361.459961 1443.989990 1351.790039 1442.839966  
1442.839966
```

```
## 5218 2018-02-07 1449.000000 1460.989990 1415.150024 1416.780029  
1416.780029  
## 5219 2018-02-08 1429.680054 1433.750000 1349.939941 1350.500000  
1350.500000  
## 5220 2018-02-09 1373.489990 1383.500000 1265.930054 1339.599976  
1339.599976  
## 5221 2018-02-12 1364.670044 1393.810059 1344.010010 1386.229980  
1386.229980  
## 5222 2018-02-13 1385.930054 1419.719971 1383.530029 1414.510010  
1414.510010  
## 5223 2018-02-14 1406.250000 1452.060059 1403.359985 1451.050049  
1451.050049  
## 5224 2018-02-15 1466.890015 1468.939941 1436.839966 1461.760010  
1461.760010  
## 5225 2018-02-16 1457.369995 1465.800049 1446.560059 1448.689941  
1448.689941  
## 5226 2018-02-20 1446.489990 1488.770020 1446.489990 1468.349976  
1468.349976  
## 5227 2018-02-21 1485.000000 1503.489990 1478.920044 1482.920044  
1482.920044  
## 5228 2018-02-22 1495.359985 1502.540039 1475.760010 1485.339966  
1485.339966  
## 5229 2018-02-23 1495.339966 1500.000000 1486.500000 1500.000000  
1500.000000  
## 5230 2018-02-26 1509.199951 1522.839966 1507.000000 1521.949951  
1521.949951  
## 5231 2018-02-27 1524.500000 1526.780029 1507.209961 1511.979980  
1511.979980  
## 5232 2018-02-28 1519.510010 1528.699951 1512.000000 1512.449951  
1512.449951  
## 5233 2018-03-01 1513.599976 1518.489990 1465.000000 1493.449951  
1493.449951  
## 5234 2018-03-02 1469.099976 1501.050049 1455.010010 1500.250000  
1500.250000  
## 5235 2018-03-05 1494.239990 1525.380005 1481.000000 1523.609985  
1523.609985  
## 5236 2018-03-06 1533.199951 1542.130005 1528.000000 1537.640015  
1537.640015  
## 5237 2018-03-07 1526.520020 1545.900024 1522.510010 1545.000000  
1545.000000  
## 5238 2018-03-08 1550.000000 1554.880005 1545.250000 1551.859985  
1551.859985  
## 5239 2018-03-09 1563.500000 1578.939941 1559.079956 1578.890015  
1578.890015  
## 5240 2018-03-12 1592.599976 1605.329956 1586.699951 1598.390015  
1598.390015  
## 5241 2018-03-13 1615.959961 1617.540039 1578.010010 1588.180054  
1588.180054  
## 5242 2018-03-14 1597.000000 1606.439941 1590.890015 1591.000000  
1591.000000
```

```
## 5243 2018-03-15 1595.00000 1596.910034 1578.109985 1582.319946  
1582.319946  
## 5244 2018-03-16 1583.449951 1589.439941 1567.500000 1571.680054  
1571.680054  
## 5245 2018-03-19 1554.530029 1561.660034 1525.349976 1544.930054  
1544.930054  
## 5246 2018-03-20 1550.339966 1587.000000 1545.410034 1586.510010  
1586.510010  
## 5247 2018-03-21 1586.449951 1590.000000 1563.170044 1581.859985  
1581.859985  
## 5248 2018-03-22 1565.469971 1573.849976 1542.400024 1544.920044  
1544.920044  
## 5249 2018-03-23 1539.010010 1549.020020 1495.359985 1495.560059  
1495.560059  
## 5250 2018-03-26 1530.000000 1556.989990 1499.250000 1555.859985  
1555.859985  
## 5251 2018-03-27 1572.400024 1575.969971 1482.319946 1497.050049  
1497.050049  
## 5252 2018-03-28 1447.000000 1455.900024 1386.170044 1431.420044  
1431.420044  
## 5253 2018-03-29 1406.000000 1455.469971 1365.199951 1447.339966  
1447.339966  
## 5254 2018-04-02 1417.619995 1421.359985 1355.000000 1371.989990  
1371.989990  
## 5255 2018-04-03 1391.380005 1414.000000 1355.329956 1392.050049  
1392.050049  
## 5256 2018-04-04 1358.239990 1415.390015 1352.880005 1410.569946  
1410.569946  
## 5257 2018-04-05 1441.989990 1459.560059 1427.069946 1451.750000  
1451.750000  
## 5258 2018-04-06 1429.969971 1452.500000 1400.260010 1405.229980  
1405.229980  
## 5259 2018-04-09 1425.030029 1438.479980 1402.569946 1406.079956  
1406.079956  
## 5260 2018-04-10 1431.989990 1438.380005 1415.699951 1436.219971  
1436.219971  
## 5261 2018-04-11 1439.439941 1448.780029 1424.890015 1427.050049  
1427.050049  
## 5262 2018-04-12 1439.500000 1452.119995 1435.060059 1448.500000  
1448.500000  
## 5263 2018-04-13 1449.140015 1459.780029 1424.520020 1430.790039  
1430.790039  
## 5264 2018-04-16 1445.000000 1447.000000 1427.479980 1441.500000  
1441.500000  
## 5265 2018-04-17 1462.300049 1507.189941 1457.020020 1503.829956  
1503.829956  
## 5266 2018-04-18 1514.650024 1533.800049 1504.109985 1527.839966  
1527.839966  
## 5267 2018-04-19 1543.219971 1568.520020 1539.060059 1556.910034  
1556.910034
```

```
## 5268 2018-04-20 1561.199951 1561.199951 1516.089966 1527.489990  
1527.489990  
## 5269 2018-04-23 1546.689941 1548.000000 1503.410034 1517.859985  
1517.859985  
## 5270 2018-04-24 1535.800049 1539.500000 1448.449951 1460.089966  
1460.089966  
## 5271 2018-04-25 1458.000000 1469.989990 1415.020020 1460.170044  
1460.170044  
## 5272 2018-04-26 1485.010010 1529.420044 1478.500000 1517.959961  
1517.959961  
## 5273 2018-04-27 1634.010010 1638.099976 1567.390015 1572.619995  
1572.619995  
## 5274 2018-04-30 1582.500000 1596.000000 1560.939941 1566.130005  
1566.130005  
## 5275 2018-05-01 1563.219971 1585.000000 1552.180054 1582.260010  
1582.260010  
## 5276 2018-05-02 1580.979980 1588.500000 1566.359985 1569.680054  
1569.680054  
## 5277 2018-05-03 1560.010010 1574.800049 1546.020020 1572.079956  
1572.079956  
## 5278 2018-05-04 1562.449951 1584.900024 1562.189941 1580.949951  
1580.949951  
## 5279 2018-05-07 1589.339966 1606.949951 1587.829956 1600.140015  
1600.140015  
## 5280 2018-05-08 1595.000000 1596.880005 1582.510010 1592.390015  
1592.390015  
## 5281 2018-05-09 1600.000000 1608.000000 1592.000000 1608.000000  
1608.000000  
## 5282 2018-05-10 1608.479980 1615.599976 1603.439941 1609.079956  
1609.079956  
## 5283 2018-05-11 1610.989990 1611.099976 1597.890015 1602.910034  
1602.910034  
## 5284 2018-05-14 1604.000000 1611.180054 1600.050049 1601.540039  
1601.540039  
## 5285 2018-05-15 1587.800049 1587.800049 1565.219971 1576.119995  
1576.119995  
## 5286 2018-05-16 1577.500000 1594.430054 1576.670044 1587.280029  
1587.280029  
## 5287 2018-05-17 1580.560059 1594.040039 1573.000000 1581.760010  
1581.760010  
## 5288 2018-05-18 1581.329956 1583.589966 1572.099976 1574.369995  
1574.369995  
## 5289 2018-05-21 1585.000000 1592.050049 1575.000000 1585.459961  
1585.459961  
## 5290 2018-05-22 1589.890015 1589.890015 1575.250000 1581.400024  
1581.400024  
## 5291 2018-05-23 1571.050049 1601.859985 1566.339966 1601.859985  
1601.859985  
## 5292 2018-05-24 1598.030029 1608.239990 1588.380005 1603.069946  
1603.069946
```

```
## 5293 2018-05-25 1603.00000 1614.119995 1600.449951 1610.150024  
1610.150024  
## 5294 2018-05-29 1600.709961 1621.790039 1600.150024 1612.869995  
1612.869995  
## 5295 2018-05-30 1618.099976 1626.000000 1612.930054 1624.890015  
1624.890015  
## 5296 2018-05-31 1623.000000 1635.000000 1621.349976 1629.619995  
1629.619995  
## 5297 2018-06-01 1637.030029 1646.729980 1635.089966 1641.540039  
1641.540039  
## 5298 2018-06-04 1648.900024 1665.680054 1645.489990 1665.270020  
1665.270020  
## 5299 2018-06-05 1672.989990 1699.000000 1670.060059 1696.349976  
1696.349976  
## 5300 2018-06-06 1704.510010 1714.500000 1686.469971 1695.750000  
1695.750000  
## 5301 2018-06-07 1698.560059 1699.900024 1676.109985 1689.300049  
1689.300049  
## 5302 2018-06-08 1681.119995 1689.439941 1673.010010 1683.989990  
1683.989990  
## 5303 2018-06-11 1681.510010 1694.239990 1680.589966 1689.119995  
1689.119995  
## 5304 2018-06-12 1693.000000 1699.510010 1691.520020 1698.750000  
1698.750000  
## 5305 2018-06-13 1702.810059 1713.750000 1700.119995 1704.859985  
1704.859985  
## 5306 2018-06-14 1713.479980 1724.800049 1708.869995 1723.859985  
1723.859985  
## 5307 2018-06-15 1714.000000 1720.869995 1708.520020 1715.969971  
1715.969971  
## 5308 2018-06-18 1706.260010 1726.739990 1702.560059 1723.790039  
1723.790039  
## 5309 2018-06-19 1709.040039 1736.109985 1700.390015 1734.780029  
1734.780029  
## 5310 2018-06-20 1742.500000 1762.930054 1741.359985 1750.079956  
1750.079956  
## 5311 2018-06-21 1760.000000 1763.099976 1717.560059 1730.219971  
1730.219971  
## 5312 2018-06-22 1742.619995 1743.000000 1711.900024 1715.670044  
1715.670044  
## 5313 2018-06-25 1702.510010 1705.000000 1646.310059 1663.150024  
1663.150024  
## 5314 2018-06-26 1672.369995 1701.569946 1663.339966 1691.089966  
1691.089966  
## 5315 2018-06-27 1708.109985 1711.949951 1660.000000 1660.510010  
1660.510010  
## 5316 2018-06-28 1672.540039 1705.500000 1661.170044 1701.449951  
1701.449951  
## 5317 2018-06-29 1717.000000 1723.410034 1694.319946 1699.800049  
1699.800049
```

```
## 5318 2018-07-02 1682.699951 1713.890015 1678.060059 1713.780029  
1713.780029  
## 5319 2018-07-03 1723.959961 1725.000000 1692.479980 1693.959961  
1693.959961  
## 5320 2018-07-05 1705.380005 1710.689941 1682.150024 1699.729980  
1699.729980  
## 5321 2018-07-06 1696.000000 1715.270020 1691.670044 1710.630005  
1710.630005  
## 5322 2018-07-09 1724.050049 1739.560059 1716.229980 1739.020020  
1739.020020  
## 5323 2018-07-10 1738.530029 1750.000000 1731.000000 1743.069946  
1743.069946  
## 5324 2018-07-11 1737.989990 1756.959961 1734.000000 1755.000000  
1755.000000  
## 5325 2018-07-12 1764.510010 1798.000000 1762.180054 1796.619995  
1796.619995  
## 5326 2018-07-13 1803.930054 1815.300049 1795.229980 1813.030029  
1813.030029  
## 5327 2018-07-16 1821.949951 1841.949951 1814.449951 1822.489990  
1822.489990  
## 5328 2018-07-17 1811.560059 1851.689941 1797.380005 1843.930054  
1843.930054  
## 5329 2018-07-18 1848.000000 1858.880005 1831.270020 1842.920044  
1842.920044  
## 5330 2018-07-19 1829.459961 1841.000000 1811.270020 1812.969971  
1812.969971  
## 5331 2018-07-20 1825.010010 1834.839966 1810.060059 1813.699951  
1813.699951  
## 5332 2018-07-23 1812.209961 1819.000000 1769.989990 1802.000000  
1802.000000  
## 5333 2018-07-24 1829.010010 1840.000000 1809.380005 1829.239990  
1829.239990  
## 5334 2018-07-25 1829.300049 1863.839966 1822.640015 1863.609985  
1863.609985  
## 5335 2018-07-26 1839.000000 1844.680054 1804.500000 1808.000000  
1808.000000  
## 5336 2018-07-27 1876.050049 1880.050049 1806.530029 1817.270020  
1817.270020  
## 5337 2018-07-30 1827.329956 1829.500000 1766.020020 1779.219971  
1779.219971  
## 5338 2018-07-31 1786.489990 1801.829956 1739.319946 1777.439941  
1777.439941  
## 5339 2018-08-01 1784.000000 1798.439941 1776.020020 1797.170044  
1797.170044  
## 5340 2018-08-02 1788.770020 1836.560059 1786.000000 1834.329956  
1834.329956  
## 5341 2018-08-03 1837.739990 1841.000000 1821.500000 1823.290039  
1823.290039  
## 5342 2018-08-06 1825.810059 1847.770020 1818.920044 1847.750000  
1847.750000
```

```
## 5343 2018-08-07 1854.530029 1869.719971 1846.270020 1862.479980  
1862.479980  
## 5344 2018-08-08 1861.000000 1891.510010 1854.500000 1886.520020  
1886.520020  
## 5345 2018-08-09 1882.000000 1914.569946 1877.479980 1898.520020  
1898.520020  
## 5346 2018-08-10 1888.510010 1899.500000 1878.209961 1886.300049  
1886.300049  
## 5347 2018-08-13 1898.500000 1925.000000 1893.670044 1896.199951  
1896.199951  
## 5348 2018-08-14 1919.390015 1921.010010 1900.000000 1919.650024  
1919.650024  
## 5349 2018-08-15 1909.550049 1916.209961 1869.790039 1882.619995  
1882.619995  
## 5350 2018-08-16 1903.939941 1905.000000 1883.550049 1886.520020  
1886.520020  
## 5351 2018-08-17 1885.800049 1888.000000 1855.550049 1882.219971  
1882.219971  
## 5352 2018-08-20 1890.569946 1891.750000 1866.060059 1876.709961  
1876.709961  
## 5353 2018-08-21 1880.000000 1897.750000 1874.410034 1883.420044  
1883.420044  
## 5354 2018-08-22 1876.640015 1905.800049 1876.640015 1904.900024  
1904.900024  
## 5355 2018-08-23 1907.170044 1919.500000 1900.760010 1902.900024  
1902.900024  
## 5356 2018-08-24 1910.510010 1916.010010 1902.540039 1905.390015  
1905.390015  
## 5357 2018-08-27 1915.000000 1927.699951 1909.280029 1927.680054  
1927.680054  
## 5358 2018-08-28 1937.729980 1941.780029 1928.819946 1932.819946  
1932.819946  
## 5359 2018-08-29 1953.449951 1998.689941 1948.939941 1998.099976  
1998.099976  
## 5360 2018-08-30 1997.420044 2025.569946 1986.900024 2002.380005  
2002.380005  
## 5361 2018-08-31 2007.000000 2022.380005 2004.739990 2012.709961  
2012.709961  
## 5362 2018-09-04 2026.500000 2050.500000 2013.000000 2039.510010  
2039.510010  
## 5363 2018-09-05 2038.109985 2040.380005 1989.890015 1994.819946  
1994.819946  
## 5364 2018-09-06 2006.510010 2007.500000 1935.209961 1958.310059  
1958.310059  
## 5365 2018-09-07 1938.709961 1975.199951 1937.349976 1952.069946  
1952.069946  
## 5366 2018-09-10 1971.000000 1973.040039 1931.520020 1939.010010  
1939.010010  
## 5367 2018-09-11 1928.270020 1988.880005 1917.000000 1987.150024  
1987.150024
```

```
## 5368 2018-09-12 1994.000000 2000.000000 1962.439941 1990.000000  
1990.000000  
## 5369 2018-09-13 2000.000000 2008.760010 1982.030029 1989.869995  
1989.869995  
## 5370 2018-09-14 1992.930054 1993.650024 1959.219971 1970.189941  
1970.189941  
## 5371 2018-09-17 1954.729980 1956.819946 1887.410034 1908.030029  
1908.030029  
## 5372 2018-09-18 1918.650024 1958.199951 1915.439941 1941.050049  
1941.050049  
## 5373 2018-09-19 1940.500000 1940.829956 1904.900024 1926.420044  
1926.420044  
## 5374 2018-09-20 1938.579956 1955.000000 1932.250000 1944.300049  
1944.300049  
## 5375 2018-09-21 1954.219971 1957.310059 1910.500000 1915.010010  
1915.010010  
## 5376 2018-09-24 1903.790039 1936.880005 1865.000000 1934.359985  
1934.359985  
## 5377 2018-09-25 1942.900024 1975.910034 1938.849976 1974.550049  
1974.550049  
## 5378 2018-09-26 1968.500000 1995.250000 1961.520020 1974.849976  
1974.849976  
## 5379 2018-09-27 1993.239990 2016.160034 1988.579956 2012.979980  
2012.979980  
## 5380 2018-09-28 2004.410034 2026.520020 1996.459961 2003.000000  
2003.000000  
## 5381 2018-10-01 2021.989990 2033.189941 2003.599976 2004.359985  
2004.359985  
## 5382 2018-10-02 1999.989990 2013.390015 1965.770020 1971.310059  
1971.310059  
## 5383 2018-10-03 1981.699951 1989.699951 1949.810059 1952.760010  
1952.760010  
## 5384 2018-10-04 1949.000000 1956.000000 1896.569946 1909.420044  
1909.420044  
## 5385 2018-10-05 1917.989990 1929.079956 1862.829956 1889.650024  
1889.650024  
## 5386 2018-10-08 1874.000000 1902.000000 1830.660034 1864.420044  
1864.420044  
## 5387 2018-10-09 1859.989990 1896.680054 1852.319946 1870.319946  
1870.319946  
## 5388 2018-10-10 1857.890015 1858.560059 1754.410034 1755.250000  
1755.250000  
## 5389 2018-10-11 1724.000000 1755.400024 1685.099976 1719.359985  
1719.359985  
## 5390 2018-10-12 1808.000000 1808.949951 1742.530029 1788.609985  
1788.609985  
## 5391 2018-10-15 1795.000000 1795.050049 1734.229980 1760.949951  
1760.949951  
## 5392 2018-10-16 1783.500000 1823.880005 1761.550049 1819.959961  
1819.959961
```

```
## 5393 2018-10-17 1842.790039 1845.000000 1807.000000 1831.729980  
1831.729980  
## 5394 2018-10-18 1821.489990 1830.150024 1767.869995 1770.719971  
1770.719971  
## 5395 2018-10-19 1785.160034 1809.099976 1753.000000 1764.030029  
1764.030029  
## 5396 2018-10-22 1784.000000 1809.500000 1756.000000 1789.300049  
1789.300049  
## 5397 2018-10-23 1742.239990 1776.339966 1714.000000 1768.699951  
1768.699951  
## 5398 2018-10-24 1773.699951 1777.709961 1656.560059 1664.199951  
1664.199951  
## 5399 2018-10-25 1703.339966 1794.810059 1692.010010 1782.170044  
1782.170044  
## 5400 2018-10-26 1649.589966 1698.459961 1603.000000 1642.810059  
1642.810059  
## 5401 2018-10-29 1660.000000 1665.739990 1495.000000 1538.880005  
1538.880005  
## 5402 2018-10-30 1486.160034 1540.989990 1476.359985 1530.420044  
1530.420044  
## 5403 2018-10-31 1569.989990 1623.910034 1565.089966 1598.010010  
1598.010010  
## 5404 2018-11-01 1623.530029 1670.449951 1598.439941 1665.530029  
1665.530029  
## 5405 2018-11-02 1678.589966 1697.439941 1651.829956 1665.530029  
1665.530029  
## 5406 2018-11-05 1657.569946 1658.089966 1596.359985 1627.800049  
1627.800049  
## 5407 2018-11-06 1618.349976 1665.000000 1614.550049 1642.810059  
1642.810059  
## 5408 2018-11-07 1673.000000 1759.229980 1664.079956 1755.489990  
1755.489990  
## 5409 2018-11-08 1755.000000 1784.000000 1725.109985 1754.910034  
1754.910034  
## 5410 2018-11-09 1732.500000 1743.920044 1701.869995 1712.430054  
1712.430054  
## 5411 2018-11-12 1698.239990 1708.550049 1630.010010 1636.849976  
1636.849976  
## 5412 2018-11-13 1649.290039 1677.060059 1613.750000 1631.170044  
1631.170044  
## 5413 2018-11-14 1656.319946 1673.000000 1597.069946 1599.010010  
1599.010010  
## 5414 2018-11-15 1581.010010 1624.819946 1546.510010 1619.439941  
1619.439941  
## 5415 2018-11-16 1587.500000 1614.479980 1573.119995 1593.410034  
1593.410034  
## 5416 2018-11-19 1577.010010 1581.189941 1503.359985 1512.290039  
1512.290039  
## 5417 2018-11-20 1437.500000 1534.750000 1420.000000 1495.459961  
1495.459961
```

```
## 5418 2018-11-21 1542.989990 1550.000000 1515.000000 1516.729980  
1516.729980  
## 5419 2018-11-23 1517.000000 1536.199951 1501.810059 1502.060059  
1502.060059  
## 5420 2018-11-26 1539.000000 1584.810059 1524.219971 1581.329956  
1581.329956  
## 5421 2018-11-27 1575.989990 1597.650024 1558.010010 1581.420044  
1581.420044  
## 5422 2018-11-28 1613.920044 1681.449951 1601.219971 1677.750000  
1677.750000  
## 5423 2018-11-29 1674.989990 1689.989990 1652.329956 1673.569946  
1673.569946  
## 5424 2018-11-30 1679.500000 1696.000000 1666.500000 1690.170044  
1690.170044  
## 5425 2018-12-03 1769.459961 1778.339966 1730.000000 1772.359985  
1772.359985  
## 5426 2018-12-04 1756.000000 1770.339966 1665.000000 1668.400024  
1668.400024  
## 5427 2018-12-06 1614.869995 1701.050049 1609.849976 1699.189941  
1699.189941  
## 5428 2018-12-07 1705.069946 1718.930054 1625.459961 1629.130005  
1629.130005  
## 5429 2018-12-10 1623.839966 1657.989990 1590.869995 1641.030029  
1641.030029  
## 5430 2018-12-11 1678.000000 1679.469971 1619.599976 1643.239990  
1643.239990  
## 5431 2018-12-12 1669.000000 1704.989990 1660.270020 1663.540039  
1663.540039  
## 5432 2018-12-13 1680.000000 1692.119995 1641.500000 1658.380005  
1658.380005  
## 5433 2018-12-14 1638.000000 1642.569946 1585.000000 1591.910034  
1591.910034  
## 5434 2018-12-17 1566.000000 1576.130005 1505.010010 1520.910034  
1520.910034  
## 5435 2018-12-18 1540.000000 1567.550049 1523.010010 1551.479980  
1551.479980  
## 5436 2018-12-19 1543.050049 1584.530029 1483.180054 1495.079956  
1495.079956  
## 5437 2018-12-20 1484.000000 1509.500000 1432.689941 1460.829956  
1460.829956  
## 5438 2018-12-21 1464.989990 1480.000000 1363.959961 1377.449951  
1377.449951  
## 5439 2018-12-24 1346.000000 1396.030029 1307.000000 1343.959961  
1343.959961  
## 5440 2018-12-26 1368.890015 1473.160034 1363.010010 1470.900024  
1470.900024  
## 5441 2018-12-27 1454.199951 1469.000000 1390.310059 1461.640015  
1461.640015  
## 5442 2018-12-28 1473.349976 1513.469971 1449.000000 1478.020020  
1478.020020
```

```
## 5443 2018-12-31 1510.800049 1520.760010 1487.000000 1501.969971  
1501.969971  
## 5444 2019-01-02 1465.199951 1553.359985 1460.930054 1539.130005  
1539.130005  
## 5445 2019-01-03 1520.010010 1538.000000 1497.109985 1500.280029  
1500.280029  
## 5446 2019-01-04 1530.000000 1594.000000 1518.310059 1575.390015  
1575.390015  
## 5447 2019-01-07 1602.310059 1634.560059 1589.189941 1629.510010  
1629.510010  
## 5448 2019-01-08 1664.689941 1676.609985 1616.609985 1656.579956  
1656.579956  
## 5449 2019-01-09 1652.979980 1667.800049 1641.400024 1659.420044  
1659.420044  
## 5450 2019-01-10 1641.010010 1663.250000 1621.619995 1656.219971  
1656.219971  
## 5451 2019-01-11 1640.550049 1660.290039 1636.219971 1640.560059  
1640.560059  
## 5452 2019-01-14 1615.000000 1648.199951 1595.150024 1617.209961  
1617.209961  
## 5453 2019-01-15 1632.000000 1675.160034 1626.010010 1674.560059  
1674.560059  
## 5454 2019-01-16 1684.219971 1705.000000 1675.880005 1683.780029  
1683.780029  
## 5455 2019-01-17 1680.000000 1700.170044 1677.500000 1693.219971  
1693.219971  
## 5456 2019-01-18 1712.000000 1716.199951 1691.540039 1696.199951  
1696.199951  
## 5457 2019-01-22 1681.000000 1681.869995 1610.199951 1632.170044  
1632.170044  
## 5458 2019-01-23 1656.000000 1657.430054 1612.000000 1640.020020  
1640.020020  
## 5459 2019-01-24 1641.069946 1657.260010 1631.780029 1654.930054  
1654.930054  
## 5460 2019-01-25 1670.500000 1683.479980 1661.609985 1670.569946  
1670.569946  
## 5461 2019-01-28 1643.589966 1645.000000 1614.089966 1637.890015  
1637.890015  
## 5462 2019-01-29 1631.270020 1632.380005 1590.719971 1593.880005  
1593.880005  
## 5463 2019-01-30 1623.000000 1676.949951 1619.680054 1670.430054  
1670.430054  
## 5464 2019-01-31 1692.849976 1736.410034 1679.079956 1718.729980  
1718.729980  
## 5465 2019-02-01 1638.880005 1673.060059 1622.010010 1626.229980  
1626.229980  
## 5466 2019-02-04 1623.000000 1649.630005 1613.500000 1633.310059  
1633.310059  
## 5467 2019-02-05 1643.339966 1665.260010 1642.500000 1658.810059  
1658.810059
```

```
## 5468 2019-02-06 1670.750000 1672.260010 1633.339966 1640.260010  
1640.260010  
## 5469 2019-02-07 1625.000000 1625.540039 1592.910034 1614.369995  
1614.369995  
## 5470 2019-02-08 1586.000000 1588.589966 1566.760010 1588.219971  
1588.219971  
## 5471 2019-02-11 1600.979980 1609.290039 1586.000000 1591.000000  
1591.000000  
## 5472 2019-02-12 1604.000000 1639.400024 1598.880005 1638.010010  
1638.010010  
## 5473 2019-02-13 1647.000000 1656.380005 1637.109985 1640.000000  
1640.000000  
## 5474 2019-02-14 1624.500000 1637.900024 1606.060059 1622.650024  
1622.650024  
## 5475 2019-02-15 1627.859985 1628.910034 1604.500000 1607.949951  
1607.949951  
## 5476 2019-02-19 1601.000000 1634.000000 1600.560059 1627.579956  
1627.579956  
## 5477 2019-02-20 1630.000000 1634.930054 1610.119995 1622.099976  
1622.099976  
## 5478 2019-02-21 1619.849976 1623.560059 1600.910034 1619.439941  
1619.439941  
## 5479 2019-02-22 1623.500000 1634.939941 1621.170044 1631.560059  
1631.560059  
## 5480 2019-02-25 1641.449951 1654.599976 1630.390015 1633.000000  
1633.000000  
## 5481 2019-02-26 1625.979980 1639.989990 1616.130005 1636.400024  
1636.400024  
## 5482 2019-02-27 1628.180054 1641.810059 1615.099976 1641.089966  
1641.089966  
## 5483 2019-02-28 1635.250000 1651.770020 1633.829956 1639.829956  
1639.829956  
## 5484 2019-03-01 1655.130005 1674.260010 1651.000000 1671.729980  
1671.729980  
## 5485 2019-03-04 1685.000000 1709.430054 1674.359985 1696.170044  
1696.170044  
## 5486 2019-03-05 1702.949951 1707.800049 1689.010010 1692.430054  
1692.430054  
## 5487 2019-03-06 1695.969971 1697.750000 1668.280029 1668.949951  
1668.949951  
## 5488 2019-03-07 1667.369995 1669.750000 1620.510010 1625.949951  
1625.949951  
## 5489 2019-03-08 1604.010010 1622.719971 1586.569946 1620.800049  
1620.800049  
## 5490 2019-03-11 1626.119995 1672.290039 1626.010010 1670.619995  
1670.619995  
## 5491 2019-03-12 1669.000000 1684.270020 1660.979980 1673.099976  
1673.099976  
## 5492 2019-03-13 1683.000000 1700.000000 1679.349976 1690.810059  
1690.810059
```

```
## 5493 2019-03-14 1691.199951 1702.000000 1684.339966 1686.219971  
1686.219971  
## 5494 2019-03-15 1703.000000 1718.800049 1693.130005 1712.359985  
1712.359985  
## 5495 2019-03-18 1712.699951 1750.000000 1712.630005 1742.150024  
1742.150024  
## 5496 2019-03-19 1753.510010 1784.160034 1753.510010 1761.849976  
1761.849976  
## 5497 2019-03-20 1769.939941 1799.500000 1767.030029 1797.270020  
1797.270020  
## 5498 2019-03-21 1796.260010 1823.750000 1787.280029 1819.260010  
1819.260010  
## 5499 2019-03-22 1810.170044 1818.979980 1763.109985 1764.770020  
1764.770020  
## 5500 2019-03-25 1757.790039 1782.680054 1747.500000 1774.260010  
1774.260010  
## 5501 2019-03-26 1793.000000 1805.770020 1773.359985 1783.760010  
1783.760010  
## 5502 2019-03-27 1784.130005 1787.500000 1745.680054 1765.699951  
1765.699951  
## 5503 2019-03-28 1770.000000 1777.930054 1753.469971 1773.420044  
1773.420044  
## 5504 2019-03-29 1786.579956 1792.859985 1776.630005 1780.750000  
1780.750000  
## 5505 2019-04-01 1800.109985 1815.670044 1798.729980 1814.189941  
1814.189941  
## 5506 2019-04-02 1811.020020 1820.000000 1805.119995 1813.979980  
1813.979980  
## 5507 2019-04-03 1826.719971 1830.000000 1809.619995 1820.699951  
1820.699951  
## 5508 2019-04-04 1820.650024 1828.750000 1804.199951 1818.859985  
1818.859985  
## 5509 2019-04-05 1829.000000 1838.579956 1825.189941 1837.280029  
1837.280029  
## 5510 2019-04-08 1833.229980 1850.199951 1825.109985 1849.859985  
1849.859985  
## 5511 2019-04-09 1845.489990 1853.089966 1831.780029 1835.839966  
1835.839966  
## 5512 2019-04-10 1841.000000 1848.000000 1828.810059 1847.329956  
1847.329956  
## 5513 2019-04-11 1848.699951 1849.949951 1840.310059 1844.069946  
1844.069946  
## 5514 2019-04-12 1848.400024 1851.500000 1841.300049 1843.060059  
1843.060059  
## 5515 2019-04-15 1842.000000 1846.849976 1818.900024 1844.869995  
1844.869995  
## 5516 2019-04-16 1851.349976 1869.770020 1848.000000 1863.040039  
1863.040039  
## 5517 2019-04-17 1872.989990 1876.469971 1860.439941 1864.819946  
1864.819946
```

```
## 5518 2019-04-18 1868.790039 1870.819946 1859.479980 1861.689941  
1861.689941  
## 5519 2019-04-22 1855.400024 1888.420044 1845.640015 1887.310059  
1887.310059  
## 5520 2019-04-23 1891.199951 1929.260010 1889.579956 1923.770020  
1923.770020  
## 5521 2019-04-24 1925.000000 1929.689941 1898.160034 1901.750000  
1901.750000  
## 5522 2019-04-25 1917.000000 1922.449951 1900.310059 1902.250000  
1902.250000  
## 5523 2019-04-26 1929.000000 1951.000000 1898.000000 1950.630005  
1950.630005  
## 5524 2019-04-29 1949.000000 1956.339966 1934.089966 1938.430054  
1938.430054  
## 5525 2019-04-30 1930.099976 1935.709961 1906.949951 1926.520020  
1926.520020  
## 5526 2019-05-01 1933.089966 1943.640015 1910.550049 1911.520020  
1911.520020  
## 5527 2019-05-02 1913.329956 1921.550049 1881.869995 1900.819946  
1900.819946  
## 5528 2019-05-03 1949.000000 1964.400024 1936.000000 1962.459961  
1962.459961  
## 5529 2019-05-06 1917.979980 1959.000000 1910.500000 1950.550049  
1950.550049  
## 5530 2019-05-07 1939.989990 1949.099976 1903.380005 1921.000000  
1921.000000  
## 5531 2019-05-08 1918.869995 1935.369995 1910.000000 1917.770020  
1917.770020  
## 5532 2019-05-09 1900.000000 1909.400024 1876.000000 1899.869995  
1899.869995  
## 5533 2019-05-10 1898.000000 1903.790039 1856.000000 1889.979980  
1889.979980  
## 5534 2019-05-13 1836.560059 1846.540039 1818.000000 1822.680054  
1822.680054  
## 5535 2019-05-14 1839.500000 1852.439941 1815.750000 1840.119995  
1840.119995  
## 5536 2019-05-15 1827.949951 1874.430054 1823.000000 1871.150024  
1871.150024  
## 5537 2019-05-16 1885.939941 1917.510010 1882.290039 1907.569946  
1907.569946  
## 5538 2019-05-17 1893.050049 1910.530029 1867.329956 1869.000000  
1869.000000  
## 5539 2019-05-20 1852.689941 1867.780029 1835.540039 1858.969971  
1858.969971  
## 5540 2019-05-21 1874.790039 1879.000000 1846.000000 1857.520020  
1857.520020  
## 5541 2019-05-22 1851.780029 1871.489990 1851.000000 1859.680054  
1859.680054  
## 5542 2019-05-23 1836.589966 1844.000000 1804.199951 1815.479980  
1815.479980
```

```
## 5543 2019-05-24 1835.890015 1841.760010 1817.849976 1823.280029  
1823.280029  
## 5544 2019-05-28 1832.750000 1849.270020 1827.349976 1836.430054  
1836.430054  
## 5545 2019-05-29 1823.119995 1830.000000 1807.530029 1819.189941  
1819.189941  
## 5546 2019-05-30 1825.489990 1829.469971 1807.829956 1816.319946  
1816.319946  
## 5547 2019-05-31 1790.010010 1795.589966 1772.699951 1775.069946  
1775.069946  
## 5548 2019-06-03 1760.010010 1766.290039 1672.000000 1692.689941  
1692.689941  
## 5549 2019-06-04 1699.239990 1730.819946 1680.890015 1729.560059  
1729.560059  
## 5550 2019-06-05 1749.599976 1752.000000 1715.250000 1738.500000  
1738.500000  
## 5551 2019-06-06 1737.709961 1760.000000 1726.130005 1754.359985  
1754.359985  
## 5552 2019-06-07 1763.699951 1806.250000 1759.489990 1804.030029  
1804.030029  
## 5553 2019-06-10 1822.000000 1884.869995 1818.000000 1860.630005  
1860.630005  
## 5554 2019-06-11 1883.250000 1893.699951 1858.000000 1863.699951  
1863.699951  
## 5555 2019-06-12 1853.979980 1865.000000 1844.380005 1855.319946  
1855.319946  
## 5556 2019-06-13 1866.719971 1883.089966 1862.219971 1870.300049  
1870.300049  
## 5557 2019-06-14 1864.000000 1876.000000 1859.000000 1869.670044  
1869.670044  
## 5558 2019-06-17 1876.500000 1895.689941 1875.449951 1886.030029  
1886.030029  
## 5559 2019-06-18 1901.349976 1921.670044 1899.790039 1901.369995  
1901.369995  
## 5560 2019-06-19 1907.839966 1919.579956 1892.469971 1908.790039  
1908.790039  
## 5561 2019-06-20 1933.329956 1935.199951 1905.800049 1918.189941  
1918.189941  
## 5562 2019-06-21 1916.099976 1925.949951 1907.579956 1911.300049  
1911.300049  
## 5563 2019-06-24 1912.660034 1916.859985 1901.300049 1913.900024  
1913.900024  
## 5564 2019-06-25 1911.839966 1916.390015 1872.420044 1878.270020  
1878.270020  
## 5565 2019-06-26 1892.479980 1903.800049 1887.319946 1897.829956  
1897.829956  
## 5566 2019-06-27 1902.000000 1911.239990 1898.040039 1904.280029  
1904.280029  
## 5567 2019-06-28 1909.099976 1912.939941 1884.000000 1893.630005  
1893.630005
```

```
## 5568 2019-07-01 1922.979980 1929.819946 1914.660034 1922.189941  
1922.189941  
## 5569 2019-07-02 1919.380005 1934.790039 1906.630005 1934.310059  
1934.310059  
## 5570 2019-07-03 1935.890015 1941.589966 1930.500000 1939.000000  
1939.000000  
## 5571 2019-07-05 1928.599976 1945.900024 1925.300049 1942.910034  
1942.910034  
## 5572 2019-07-08 1934.119995 1956.000000 1928.250000 1952.319946  
1952.319946  
## 5573 2019-07-09 1947.800049 1990.010010 1943.479980 1988.300049  
1988.300049  
## 5574 2019-07-10 1996.510010 2024.939941 1995.400024 2017.410034  
2017.410034  
## 5575 2019-07-11 2025.619995 2035.800049 1995.300049 2001.069946  
2001.069946  
## 5576 2019-07-12 2008.270020 2017.000000 2003.869995 2011.000000  
2011.000000  
## 5577 2019-07-15 2021.400024 2022.900024 2001.550049 2020.989990  
2020.989990  
## 5578 2019-07-16 2010.579956 2026.319946 2001.219971 2009.900024  
2009.900024  
## 5579 2019-07-17 2007.050049 2012.000000 1992.030029 1992.030029  
1992.030029  
## 5580 2019-07-18 1980.010010 1987.500000 1951.550049 1977.900024  
1977.900024  
## 5581 2019-07-19 1991.209961 1996.000000 1962.229980 1964.520020  
1964.520020  
## 5582 2019-07-22 1971.140015 1989.000000 1958.260010 1985.630005  
1985.630005  
## 5583 2019-07-23 1995.989990 1997.790039 1973.130005 1994.489990  
1994.489990  
## 5584 2019-07-24 1969.300049 2001.300049 1965.869995 2000.810059  
2000.810059  
## 5585 2019-07-25 2001.000000 2001.199951 1972.719971 1973.819946  
1973.819946  
## 5586 2019-07-26 1942.000000 1950.900024 1924.510010 1943.050049  
1943.050049  
## 5587 2019-07-29 1930.000000 1932.229980 1890.540039 1912.449951  
1912.449951  
## 5588 2019-07-30 1891.119995 1909.890015 1883.479980 1898.530029  
1898.530029  
## 5589 2019-07-31 1898.109985 1899.550049 1849.439941 1866.780029  
1866.780029  
## 5590 2019-08-01 1871.719971 1897.920044 1844.010010 1855.319946  
1855.319946  
## 5591 2019-08-02 1845.069946 1846.359985 1808.020020 1823.239990  
1823.239990  
## 5592 2019-08-05 1770.219971 1788.670044 1748.780029 1765.130005  
1765.130005
```

```
## 5593 2019-08-06 1792.229980 1793.770020 1753.400024 1787.829956  
1787.829956  
## 5594 2019-08-07 1773.989990 1798.930054 1757.000000 1793.400024  
1793.400024  
## 5595 2019-08-08 1806.000000 1834.260010 1798.109985 1832.890015  
1832.890015  
## 5596 2019-08-09 1828.949951 1831.089966 1802.219971 1807.579956  
1807.579956  
## 5597 2019-08-12 1795.989990 1800.979980 1777.000000 1784.920044  
1784.920044  
## 5598 2019-08-13 1783.000000 1831.739990 1780.000000 1824.339966  
1824.339966  
## 5599 2019-08-14 1793.010010 1795.650024 1757.219971 1762.959961  
1762.959961  
## 5600 2019-08-15 1781.989990 1788.000000 1761.959961 1776.119995  
1776.119995  
## 5601 2019-08-16 1792.890015 1802.910034 1784.550049 1792.569946  
1792.569946  
## 5602 2019-08-19 1818.079956 1826.000000 1812.609985 1816.119995  
1816.119995  
## 5603 2019-08-20 1814.500000 1816.819946 1799.880005 1801.380005  
1801.380005  
## 5604 2019-08-21 1819.390015 1829.579956 1815.000000 1823.540039  
1823.540039  
## 5605 2019-08-22 1828.000000 1829.410034 1800.099976 1804.660034  
1804.660034  
## 5606 2019-08-23 1793.030029 1804.900024 1745.229980 1749.619995  
1749.619995  
## 5607 2019-08-26 1766.910034 1770.000000 1743.510010 1768.869995  
1768.869995  
## 5608 2019-08-27 1775.729980 1779.400024 1746.680054 1761.829956  
1761.829956  
## 5609 2019-08-28 1755.000000 1767.859985 1744.050049 1764.250000  
1764.250000  
## 5610 2019-08-29 1783.000000 1798.550049 1777.250000 1786.400024  
1786.400024  
## 5611 2019-08-30 1797.489990 1799.739990 1764.569946 1776.290039  
1776.290039  
## 5612 2019-09-03 1770.000000 1800.800049 1768.000000 1789.839966  
1789.839966  
## 5613 2019-09-04 1805.000000 1807.630005 1796.229980 1800.619995  
1800.619995  
## 5614 2019-09-05 1821.949951 1842.000000 1815.579956 1840.719971  
1840.719971  
## 5615 2019-09-06 1838.219971 1840.650024 1826.400024 1833.510010  
1833.510010  
## 5616 2019-09-09 1841.000000 1850.000000 1824.609985 1831.349976  
1831.349976  
## 5617 2019-09-10 1822.750000 1825.810059 1805.339966 1820.550049  
1820.550049
```

```
## 5618 2019-09-11 1812.140015 1833.420044 1809.079956 1822.989990  
1822.989990  
## 5619 2019-09-12 1837.630005 1853.660034 1834.280029 1843.550049  
1843.550049  
## 5620 2019-09-13 1842.010010 1846.119995 1835.170044 1839.339966  
1839.339966  
## 5621 2019-09-16 1824.020020 1825.689941 1800.199951 1807.839966  
1807.839966  
## 5622 2019-09-17 1807.079956 1823.989990 1804.099976 1822.550049  
1822.550049  
## 5623 2019-09-18 1817.040039 1822.060059 1795.500000 1817.459961  
1817.459961  
## 5624 2019-09-19 1821.020020 1832.569946 1817.900024 1821.500000  
1821.500000  
## 5625 2019-09-20 1821.709961 1830.630005 1780.920044 1794.160034  
1794.160034  
## 5626 2019-09-23 1777.000000 1792.699951 1767.319946 1785.300049  
1785.300049  
## 5627 2019-09-24 1790.609985 1795.709961 1735.550049 1741.609985  
1741.609985  
## 5628 2019-09-25 1747.359985 1773.000000 1723.000000 1768.329956  
1768.329956  
## 5629 2019-09-26 1762.790039 1763.369995 1731.500000 1739.839966  
1739.839966  
## 5630 2019-09-27 1748.000000 1749.119995 1713.819946 1725.449951  
1725.449951  
## 5631 2019-09-30 1726.989990 1737.459961 1709.219971 1735.910034  
1735.910034  
## 5632 2019-10-01 1746.000000 1755.599976 1728.410034 1735.650024  
1735.650024  
## 5633 2019-10-02 1727.739990 1728.890015 1705.000000 1713.229980  
1713.229980  
## 5634 2019-10-03 1713.000000 1725.000000 1685.060059 1724.420044  
1724.420044  
## 5635 2019-10-04 1726.020020 1740.579956 1719.229980 1739.650024  
1739.650024  
## 5636 2019-10-07 1731.630005 1747.829956 1723.699951 1732.660034  
1732.660034  
## 5637 2019-10-08 1722.489990 1727.000000 1705.000000 1705.510010  
1705.510010  
## 5638 2019-10-09 1719.609985 1729.949951 1714.359985 1721.989990  
1721.989990  
## 5639 2019-10-10 1725.239990 1738.290039 1713.750000 1720.260010  
1720.260010  
## 5640 2019-10-11 1742.920044 1745.449951 1729.859985 1731.920044  
1731.920044  
## 5641 2019-10-14 1728.910034 1741.890015 1722.000000 1736.430054  
1736.430054  
## 5642 2019-10-15 1742.140015 1776.449951 1740.619995 1767.380005  
1767.380005
```

```
## 5643 2019-10-16 1773.329956 1786.239990 1770.520020 1777.430054  
1777.430054  
## 5644 2019-10-17 1796.489990 1798.849976 1782.020020 1787.479980  
1787.479980  
## 5645 2019-10-18 1787.800049 1793.979980 1749.199951 1757.510010  
1757.510010  
## 5646 2019-10-21 1769.660034 1785.880005 1765.000000 1785.660034  
1785.660034  
## 5647 2019-10-22 1788.150024 1789.780029 1762.000000 1765.729980  
1765.729980  
## 5648 2019-10-23 1761.300049 1770.050049 1742.000000 1762.170044  
1762.170044  
## 5649 2019-10-24 1771.089966 1788.339966 1760.270020 1780.780029  
1780.780029  
## 5650 2019-10-25 1697.550049 1764.209961 1695.000000 1761.329956  
1761.329956  
## 5651 2019-10-28 1748.060059 1778.699951 1742.500000 1777.079956  
1777.079956  
## 5652 2019-10-29 1774.810059 1777.000000 1755.810059 1762.709961  
1762.709961  
## 5653 2019-10-30 1760.239990 1782.380005 1759.119995 1779.989990  
1779.989990  
## 5654 2019-10-31 1775.989990 1792.000000 1771.479980 1776.660034  
1776.660034  
## 5655 2019-11-01 1788.010010 1797.449951 1785.209961 1791.439941  
1791.439941  
## 5656 2019-11-04 1801.010010 1815.060059 1801.010010 1804.660034  
1804.660034  
## 5657 2019-11-05 1809.160034 1810.250000 1794.000000 1801.709961  
1801.709961  
## 5658 2019-11-06 1801.000000 1802.500000 1788.579956 1795.770020  
1795.770020  
## 5659 2019-11-07 1803.760010 1805.900024 1783.479980 1788.199951  
1788.199951  
## 5660 2019-11-08 1787.890015 1789.880005 1774.040039 1785.880005  
1785.880005  
## 5661 2019-11-11 1778.000000 1780.000000 1767.130005 1771.650024  
1771.650024  
## 5662 2019-11-12 1774.660034 1786.219971 1771.910034 1778.000000  
1778.000000  
## 5663 2019-11-13 1773.390015 1775.000000 1747.319946 1753.109985  
1753.109985  
## 5664 2019-11-14 1751.430054 1766.589966 1749.560059 1754.599976  
1754.599976  
## 5665 2019-11-15 1760.050049 1761.680054 1732.859985 1739.489990  
1739.489990  
## 5666 2019-11-18 1738.300049 1753.699951 1722.709961 1752.530029  
1752.530029  
## 5667 2019-11-19 1756.989990 1760.680054 1743.030029 1752.790039  
1752.790039
```

```
## 5668 2019-11-20 1749.140015 1762.520020 1734.119995 1745.530029  
1745.530029  
## 5669 2019-11-21 1743.000000 1746.869995 1730.359985 1734.709961  
1734.709961  
## 5670 2019-11-22 1739.020020 1746.430054 1731.000000 1745.719971  
1745.719971  
## 5671 2019-11-25 1753.250000 1777.420044 1753.239990 1773.839966  
1773.839966  
## 5672 2019-11-26 1779.920044 1797.030029 1778.349976 1796.939941  
1796.939941  
## 5673 2019-11-27 1801.000000 1824.500000 1797.310059 1818.510010  
1818.510010  
## 5674 2019-11-29 1817.780029 1824.689941 1800.790039 1800.800049  
1800.800049  
## 5675 2019-12-02 1804.400024 1805.550049 1762.680054 1781.599976  
1781.599976  
## 5676 2019-12-03 1760.000000 1772.869995 1747.229980 1769.959961  
1769.959961  
## 5677 2019-12-04 1774.010010 1789.089966 1760.219971 1760.689941  
1760.689941  
## 5678 2019-12-05 1763.500000 1763.500000 1740.000000 1740.479980  
1740.479980  
## 5679 2019-12-06 1751.199951 1754.400024 1740.130005 1751.599976  
1751.599976  
## 5680 2019-12-09 1750.660034 1766.890015 1745.609985 1749.510010  
1749.510010  
## 5681 2019-12-10 1747.400024 1750.670044 1735.000000 1739.209961  
1739.209961  
## 5682 2019-12-11 1741.670044 1750.000000 1735.709961 1748.719971  
1748.719971  
## 5683 2019-12-12 1750.000000 1764.000000 1745.439941 1760.329956  
1760.329956  
## 5684 2019-12-13 1765.000000 1768.989990 1755.000000 1760.939941  
1760.939941  
## 5685 2019-12-16 1767.000000 1769.500000 1757.050049 1769.209961  
1769.209961  
## 5686 2019-12-17 1778.010010 1792.000000 1777.390015 1790.660034  
1790.660034  
## 5687 2019-12-18 1795.020020 1798.199951 1782.359985 1784.030029  
1784.030029  
## 5688 2019-12-19 1780.500000 1792.989990 1774.060059 1792.280029  
1792.280029  
## 5689 2019-12-20 1799.619995 1802.969971 1782.449951 1786.500000  
1786.500000  
## 5690 2019-12-23 1788.260010 1793.000000 1784.510010 1793.000000  
1793.000000  
## 5691 2019-12-24 1793.810059 1795.569946 1787.579956 1789.209961  
1789.209961  
## 5692 2019-12-26 1801.010010 1870.459961 1799.500000 1868.770020  
1868.770020
```

```
## 5693 2019-12-27 1882.920044 1901.400024 1866.010010 1869.800049  
1869.800049  
## 5694 2019-12-30 1874.000000 1884.000000 1840.619995 1846.890015  
1846.890015  
## 5695 2019-12-31 1842.000000 1853.260010 1832.229980 1847.839966  
1847.839966  
## 5696 2020-01-02 1875.000000 1898.010010 1864.150024 1898.010010  
1898.010010  
## 5697 2020-01-03 1864.500000 1886.199951 1864.500000 1874.969971  
1874.969971  
## 5698 2020-01-06 1860.000000 1903.689941 1860.000000 1902.880005  
1902.880005  
## 5699 2020-01-07 1904.500000 1913.890015 1892.040039 1906.859985  
1906.859985  
## 5700 2020-01-08 1898.040039 1911.000000 1886.439941 1891.969971  
1891.969971  
## 5701 2020-01-09 1909.890015 1917.819946 1895.800049 1901.050049  
1901.050049  
## 5702 2020-01-10 1905.369995 1906.939941 1880.000000 1883.160034  
1883.160034  
## 5703 2020-01-13 1891.310059 1898.000000 1880.800049 1891.300049  
1891.300049  
## 5704 2020-01-14 1885.880005 1887.109985 1858.550049 1869.439941  
1869.439941  
## 5705 2020-01-15 1872.250000 1878.859985 1855.089966 1862.020020  
1862.020020  
## 5706 2020-01-16 1882.989990 1885.589966 1866.020020 1877.939941  
1877.939941  
## 5707 2020-01-17 1885.890015 1886.640015 1857.250000 1864.719971  
1864.719971  
## 5708 2020-01-21 1865.000000 1894.270020 1860.000000 1892.000000  
1892.000000  
## 5709 2020-01-22 1896.089966 1902.500000 1883.339966 1887.459961  
1887.459961  
## 5710 2020-01-23 1885.109985 1889.979980 1872.760010 1884.579956  
1884.579956  
## 5711 2020-01-24 1891.369995 1894.989990 1847.439941 1861.640015  
1861.640015  
## 5712 2020-01-27 1820.000000 1841.000000 1815.339966 1828.339966  
1828.339966  
## 5713 2020-01-28 1840.500000 1858.109985 1830.020020 1853.250000  
1853.250000  
## 5714 2020-01-29 1864.000000 1874.750000 1855.020020 1858.000000  
1858.000000  
## 5715 2020-01-30 1858.000000 1872.869995 1850.609985 1870.680054  
1870.680054  
## 5716 2020-01-31 2051.469971 2055.719971 2002.270020 2008.719971  
2008.719971  
## 5717 2020-02-03 2010.599976 2048.500000 2000.250000 2004.199951  
2004.199951
```

```
## 5718 2020-02-04 2029.880005 2059.800049 2015.369995 2049.669922  
2049.669922  
## 5719 2020-02-05 2071.020020 2071.020020 2032.000000 2039.869995  
2039.869995  
## 5720 2020-02-06 2041.020020 2056.300049 2024.800049 2050.229980  
2050.229980  
## 5721 2020-02-07 2041.989990 2098.530029 2038.099976 2079.280029  
2079.280029  
## 5722 2020-02-10 2085.010010 2135.600098 2084.959961 2133.909912  
2133.909912  
## 5723 2020-02-11 2150.899902 2185.949951 2136.000000 2150.800049  
2150.800049  
## 5724 2020-02-12 2163.199951 2180.250000 2155.290039 2160.000000  
2160.000000  
## 5725 2020-02-13 2144.989990 2170.280029 2142.000000 2149.870117  
2149.870117  
## 5726 2020-02-14 2155.679932 2159.040039 2125.889893 2134.870117  
2134.870117  
## 5727 2020-02-18 2125.020020 2166.070068 2124.110107 2155.669922  
2155.669922  
## 5728 2020-02-19 2167.800049 2185.100098 2161.120117 2170.219971  
2170.219971  
## 5729 2020-02-20 2173.070068 2176.790039 2127.449951 2153.100098  
2153.100098  
## 5730 2020-02-21 2142.149902 2144.550049 2088.000000 2095.969971  
2095.969971  
## 5731 2020-02-24 2003.180054 2039.300049 1987.969971 2009.290039  
2009.290039  
## 5732 2020-02-25 2026.420044 2034.599976 1958.420044 1972.739990  
1972.739990  
## 5733 2020-02-26 1970.280029 2014.670044 1960.449951 1979.589966  
1979.589966  
## 5734 2020-02-27 1934.380005 1975.000000 1882.760010 1884.300049  
1884.300049  
## 5735 2020-02-28 1814.630005 1889.760010 1811.130005 1883.750000  
1883.750000  
## 5736 2020-03-02 1906.489990 1954.510010 1870.000000 1953.949951  
1953.949951  
## 5737 2020-03-03 1975.369995 1996.329956 1888.089966 1908.989990  
1908.989990  
## 5738 2020-03-04 1946.569946 1978.000000 1922.000000 1975.829956  
1975.829956  
## 5739 2020-03-05 1933.000000 1960.719971 1910.000000 1924.030029  
1924.030029  
## 5740 2020-03-06 1875.000000 1910.869995 1869.500000 1901.089966  
1901.089966  
## 5741 2020-03-09 1773.859985 1862.770020 1761.290039 1800.609985  
1800.609985  
## 5742 2020-03-10 1870.880005 1894.270020 1818.170044 1891.819946  
1891.819946
```

```
## 5743 2020-03-11 1857.849976 1871.319946 1801.500000 1820.859985  
1820.859985  
## 5744 2020-03-12 1721.979980 1765.000000 1675.000000 1676.609985  
1676.609985  
## 5745 2020-03-13 1755.000000 1786.310059 1680.619995 1785.000000  
1785.000000  
## 5746 2020-03-16 1641.510010 1759.449951 1626.030029 1689.150024  
1689.150024  
## 5747 2020-03-17 1775.469971 1857.780029 1689.239990 1807.839966  
1807.839966  
## 5748 2020-03-18 1750.000000 1841.660034 1745.000000 1830.000000  
1830.000000  
## 5749 2020-03-19 1860.000000 1945.000000 1832.650024 1880.930054  
1880.930054  
## 5750 2020-03-20 1926.310059 1957.000000 1820.729980 1846.089966  
1846.089966  
## 5751 2020-03-23 1827.750000 1919.400024 1812.000000 1902.829956  
1902.829956  
## 5752 2020-03-24 1951.500000 1955.000000 1900.339966 1940.099976  
1940.099976  
## 5753 2020-03-25 1920.689941 1950.260010 1885.780029 1885.839966  
1885.839966  
## 5754 2020-03-26 1902.000000 1956.489990 1889.290039 1955.489990  
1955.489990  
## 5755 2020-03-27 1930.859985 1939.790039 1899.920044 1900.099976  
1900.099976  
## 5756 2020-03-30 1922.829956 1973.630005 1912.339966 1963.949951  
1963.949951  
## 5757 2020-03-31 1964.349976 1993.020020 1944.010010 1949.719971  
1949.719971  
## 5758 2020-04-01 1932.969971 1944.959961 1893.000000 1907.699951  
1907.699951  
## 5759 2020-04-02 1901.640015 1927.530029 1890.000000 1918.829956  
1918.829956  
## 5760 2020-04-03 1911.150024 1926.329956 1889.150024 1906.589966  
1906.589966  
## 5761 2020-04-06 1936.000000 1998.520020 1930.020020 1997.589966  
1997.589966  
## 5762 2020-04-07 2017.109985 2035.719971 1997.619995 2011.599976  
2011.599976  
## 5763 2020-04-08 2021.000000 2044.000000 2011.150024 2043.000000  
2043.000000  
## 5764 2020-04-09 2044.300049 2053.000000 2017.660034 2042.760010  
2042.760010  
## 5765 2020-04-13 2040.000000 2180.000000 2038.000000 2168.870117  
2168.870117  
## 5766 2020-04-14 2200.469971 2292.000000 2186.209961 2283.320068  
2283.320068  
## 5767 2020-04-15 2257.679932 2333.370117 2245.000000 2307.679932  
2307.679932
```

```
## 5768 2020-04-16 2346.00000 2461.00000 2335.00000 2408.189941  
2408.189941  
## 5769 2020-04-17 2372.330078 2400.00000 2316.020020 2375.00000  
2375.00000  
## 5770 2020-04-20 2389.949951 2444.979980 2386.050049 2393.610107  
2393.610107  
## 5771 2020-04-21 2416.610107 2428.310059 2279.659912 2328.120117  
2328.120117  
## 5772 2020-04-22 2369.00000 2394.00000 2351.00000 2363.489990  
2363.489990  
## 5773 2020-04-23 2399.979980 2424.219971 2382.080078 2399.449951  
2399.449951  
## 5774 2020-04-24 2417.00000 2420.429932 2382.00000 2410.219971  
2410.219971  
## 5775 2020-04-27 2443.199951 2444.879883 2363.00000 2376.00000  
2376.00000  
## 5776 2020-04-28 2372.100098 2373.500000 2306.000000 2314.080078  
2314.080078  
## 5777 2020-04-29 2330.010010 2391.889893 2310.000000 2372.709961  
2372.709961  
## 5778 2020-04-30 2419.840088 2475.00000 2396.010010 2474.000000  
2474.000000  
## 5779 2020-05-01 2336.800049 2362.439941 2258.189941 2286.040039  
2286.040039  
## 5780 2020-05-04 2256.379883 2326.979980 2256.379883 2315.989990  
2315.989990  
## 5781 2020-05-05 2340.00000 2351.00000 2307.129883 2317.800049  
2317.800049  
## 5782 2020-05-06 2329.439941 2357.449951 2320.000000 2351.260010  
2351.260010  
## 5783 2020-05-07 2374.780029 2376.000000 2343.110107 2367.610107  
2367.610107  
## 5784 2020-05-08 2372.139893 2387.239990 2357.000000 2379.610107  
2379.610107  
## 5785 2020-05-11 2374.699951 2419.669922 2372.110107 2409.000000  
2409.000000  
## 5786 2020-05-12 2411.850098 2419.000000 2355.000000 2356.949951  
2356.949951  
## 5787 2020-05-13 2366.800049 2407.699951 2337.800049 2367.919922  
2367.919922  
## 5788 2020-05-14 2361.010010 2391.370117 2353.209961 2388.850098  
2388.850098  
## 5789 2020-05-15 2368.520020 2411.000000 2356.370117 2409.780029  
2409.780029  
## 5790 2020-05-18 2404.350098 2433.000000 2384.010010 2426.260010  
2426.260010  
## 5791 2020-05-19 2429.830078 2485.000000 2428.969971 2449.330078  
2449.330078  
## 5792 2020-05-20 2477.870117 2500.010010 2467.270020 2497.939941  
2497.939941
```

```
## 5793 2020-05-21 2500.00000 2525.449951 2442.540039 2446.739990  
2446.739990  
## 5794 2020-05-22 2455.010010 2469.850098 2430.129883 2436.879883  
2436.879883  
## 5795 2020-05-26 2458.00000 2462.00000 2414.060059 2421.860107  
2421.860107  
## 5796 2020-05-27 2404.989990 2413.580078 2330.00000 2410.389893  
2410.389893  
## 5797 2020-05-28 2384.330078 2436.969971 2378.229980 2401.100098  
2401.100098  
## 5798 2020-05-29 2415.939941 2442.370117 2398.199951 2442.370117  
2442.370117  
## 5799 2020-06-01 2448.00000 2476.929932 2444.169922 2471.040039  
2471.040039  
## 5800 2020-06-02 2467.00000 2473.530029 2445.310059 2472.409912  
2472.409912  
## 5801 2020-06-03 2468.010010 2488.00000 2461.169922 2478.399902  
2478.399902  
## 5802 2020-06-04 2477.429932 2507.540039 2450.010010 2460.600098  
2460.600098  
## 5803 2020-06-05 2444.510010 2488.649902 2437.129883 2483.00000  
2483.00000  
## 5804 2020-06-08 2500.199951 2530.00000 2487.340088 2524.060059  
2524.060059  
## 5805 2020-06-09 2529.439941 2626.429932 2525.00000 2600.860107  
2600.860107  
## 5806 2020-06-10 2645.00000 2722.350098 2626.260010 2647.449951  
2647.449951  
## 5807 2020-06-11 2603.50000 2671.379883 2536.229980 2557.959961  
2557.959961  
## 5808 2020-06-12 2601.209961 2621.479980 2503.350098 2545.020020  
2545.020020  
## 5809 2020-06-15 2526.600098 2584.00000 2508.00000 2572.679932  
2572.679932  
## 5810 2020-06-16 2620.00000 2620.00000 2576.00000 2615.270020  
2615.270020  
## 5811 2020-06-17 2647.50000 2655.00000 2631.820068 2640.979980  
2640.979980  
## 5812 2020-06-18 2647.010010 2659.639893 2636.110107 2653.979980  
2653.979980  
## 5813 2020-06-19 2678.080078 2697.429932 2659.00000 2675.010010  
2675.010010  
## 5814 2020-06-22 2684.50000 2715.00000 2669.00000 2713.820068  
2713.820068  
## 5815 2020-06-23 2726.020020 2783.110107 2718.040039 2764.409912  
2764.409912  
## 5816 2020-06-24 2780.00000 2796.00000 2721.00000 2734.399902  
2734.399902  
## 5817 2020-06-25 2739.550049 2756.229980 2712.139893 2754.580078  
2754.580078
```

```
## 5818 2020-06-26 2775.060059 2782.570068 2688.000000 2692.870117  
2692.870117  
## 5819 2020-06-29 2690.010010 2696.800049 2630.080078 2680.379883  
2680.379883  
## 5820 2020-06-30 2685.070068 2769.629883 2675.030029 2758.820068  
2758.820068  
## 5821 2020-07-01 2757.989990 2895.000000 2754.000000 2878.699951  
2878.699951  
## 5822 2020-07-02 2912.010010 2955.560059 2871.100098 2890.300049  
2890.300049  
## 5823 2020-07-06 2934.969971 3059.879883 2930.000000 3057.040039  
3057.040039  
## 5824 2020-07-07 3058.550049 3069.550049 2990.000000 3000.120117  
3000.120117  
## 5825 2020-07-08 3022.610107 3083.969971 3012.429932 3081.110107  
3081.110107  
## 5826 2020-07-09 3115.989990 3193.879883 3074.000000 3182.629883  
3182.629883  
## 5827 2020-07-10 3191.760010 3215.000000 3135.699951 3200.000000  
3200.000000  
## 5828 2020-07-13 3251.060059 3344.290039 3068.389893 3104.000000  
3104.000000  
## 5829 2020-07-14 3089.000000 3127.379883 2950.000000 3084.000000  
3084.000000  
## 5830 2020-07-15 3080.229980 3098.350098 2973.179932 3008.870117  
3008.870117  
## 5831 2020-07-16 2971.060059 3032.000000 2918.229980 2999.899902  
2999.899902  
## 5832 2020-07-17 3009.000000 3024.000000 2948.449951 2961.969971  
2961.969971  
## 5833 2020-07-20 3000.199951 3201.360107 2994.020020 3196.840088  
3196.840088  
## 5834 2020-07-21 3232.489990 3240.580078 3105.719971 3138.290039  
3138.290039  
## 5835 2020-07-22 3125.000000 3150.000000 3065.260010 3099.909912  
3099.909912  
## 5836 2020-07-23 3098.270020 3098.270020 2970.000000 2986.550049  
2986.550049  
## 5837 2020-07-24 2930.000000 3031.580078 2888.000000 3008.909912  
3008.909912  
## 5838 2020-07-27 3062.000000 3098.000000 3015.770020 3055.209961  
3055.209961  
## 5839 2020-07-28 3054.270020 3077.090088 2995.760010 3000.330078  
3000.330078  
## 5840 2020-07-29 3030.989990 3039.159912 2996.770020 3033.530029  
3033.530029  
## 5841 2020-07-30 3014.000000 3092.000000 3005.000000 3051.879883  
3051.879883  
## 5842 2020-07-31 3244.000000 3246.820068 3151.000000 3164.679932  
3164.679932
```

```
## 5843 2020-08-03 3180.510010 3184.000000 3104.000000 3111.889893  
3111.889893  
## 5844 2020-08-04 3101.209961 3167.239990 3101.209961 3138.830078  
3138.830078  
## 5845 2020-08-05 3143.770020 3213.590088 3127.300049 3205.030029  
3205.030029  
## 5846 2020-08-06 3194.360107 3247.469971 3165.429932 3225.000000  
3225.000000  
## 5847 2020-08-07 3224.010010 3240.810059 3140.669922 3167.459961  
3167.459961  
## 5848 2020-08-10 3170.310059 3172.510010 3101.520020 3148.159912  
3148.159912  
## 5849 2020-08-11 3113.199951 3159.219971 3073.000000 3080.669922  
3080.669922  
## 5850 2020-08-12 3108.000000 3174.389893 3101.419922 3162.239990  
3162.239990  
## 5851 2020-08-13 3182.989990 3217.520020 3155.000000 3161.020020  
3161.020020  
## 5852 2020-08-14 3178.179932 3178.239990 3120.000000 3148.020020  
3148.020020  
## 5853 2020-08-17 3173.120117 3194.969971 3154.179932 3182.409912  
3182.409912  
## 5854 2020-08-18 3212.000000 3320.000000 3205.820068 3312.489990  
3312.489990  
## 5855 2020-08-19 3303.010010 3315.899902 3256.000000 3260.479980  
3260.479980  
## 5856 2020-08-20 3252.000000 3312.620117 3238.000000 3297.370117  
3297.370117  
## 5857 2020-08-21 3295.000000 3314.399902 3275.389893 3284.719971  
3284.719971  
## 5858 2020-08-24 3310.149902 3380.320068 3257.560059 3307.459961  
3307.459961  
## 5859 2020-08-25 3294.989990 3357.399902 3267.000000 3346.489990  
3346.489990  
## 5860 2020-08-26 3351.110107 3451.739990 3344.570068 3441.850098  
3441.850098  
## 5861 2020-08-27 3450.050049 3453.000000 3378.000000 3400.000000  
3400.000000  
## 5862 2020-08-28 3423.000000 3433.370117 3386.500000 3401.800049  
3401.800049  
## 5863 2020-08-31 3408.989990 3495.000000 3405.000000 3450.959961  
3450.959961  
## 5864 2020-09-01 3489.580078 3513.870117 3467.000000 3499.120117  
3499.120117  
## 5865 2020-09-02 3547.000000 3552.250000 3486.689941 3531.449951  
3531.449951  
## 5866 2020-09-03 3485.000000 3488.409912 3303.000000 3368.000000  
3368.000000  
## 5867 2020-09-04 3318.000000 3381.500000 3111.129883 3294.620117  
3294.620117
```

```
## 5868 2020-09-08 3144.000000 3250.850098 3130.000000 3149.840088  
3149.840088  
## 5869 2020-09-09 3202.989990 3303.179932 3185.000000 3268.610107  
3268.610107  
## 5870 2020-09-10 3307.219971 3349.889893 3170.550049 3175.110107  
3175.110107  
## 5871 2020-09-11 3208.689941 3217.340088 3083.979980 3116.219971  
3116.219971  
## 5872 2020-09-14 3172.939941 3187.389893 3096.000000 3102.969971  
3102.969971  
## 5873 2020-09-15 3136.159912 3175.020020 3108.919922 3156.129883  
3156.129883  
## 5874 2020-09-16 3179.989990 3187.239990 3074.149902 3078.100098  
3078.100098  
## 5875 2020-09-17 3009.250000 3029.429932 2972.550049 3008.729980  
3008.729980  
## 5876 2020-09-18 3031.739990 3037.800049 2905.540039 2954.909912  
2954.909912  
## 5877 2020-09-21 2906.500000 2962.000000 2871.000000 2960.469971  
2960.469971  
## 5878 2020-09-22 3033.840088 3133.989990 3000.199951 3128.989990  
3128.989990  
## 5879 2020-09-23 3120.429932 3127.000000 2992.379883 2999.860107  
2999.860107  
## 5880 2020-09-24 2977.790039 3069.300049 2965.000000 3019.790039  
3019.790039  
## 5881 2020-09-25 3054.860107 3101.540039 2999.000000 3095.129883  
3095.129883  
## 5882 2020-09-28 3148.850098 3175.040039 3117.169922 3174.050049  
3174.050049  
## 5883 2020-09-29 3175.389893 3188.260010 3132.540039 3144.879883  
3144.879883  
## 5884 2020-09-30 3141.139893 3212.879883 3133.989990 3148.729980  
3148.729980  
## 5885 2020-10-01 3208.000000 3224.000000 3172.000000 3221.260010  
3221.260010  
## 5886 2020-10-02 3153.629883 3195.800049 3123.000000 3125.000000  
3125.000000  
## 5887 2020-10-05 3145.840088 3202.530029 3140.850098 3199.199951  
3199.199951  
## 5888 2020-10-06 3165.000000 3182.000000 3090.000000 3099.959961  
3099.959961  
## 5889 2020-10-07 3135.000000 3200.000000 3132.389893 3195.689941  
3195.689941  
## 5890 2020-10-08 3224.989990 3233.290039 3174.989990 3190.550049  
3190.550049  
## 5891 2020-10-09 3210.000000 3288.989990 3197.830078 3286.649902  
3286.649902  
## 5892 2020-10-12 3349.939941 3496.239990 3339.550049 3442.929932  
3442.929932
```

```
## 5893 2020-10-13 3467.989990 3492.379883 3424.219971 3443.629883  
3443.629883  
## 5894 2020-10-14 3447.000000 3464.879883 3340.000000 3363.709961  
3363.709961  
## 5895 2020-10-15 3292.010010 3355.879883 3280.000000 3338.649902  
3338.649902  
## 5896 2020-10-16 3363.229980 3399.659912 3160.000000 3272.709961  
3272.709961  
## 5897 2020-10-19 3299.610107 3329.000000 3192.739990 3207.209961  
3207.209961  
## 5898 2020-10-20 3222.280029 3266.000000 3192.010010 3217.010010  
3217.010010  
## 5899 2020-10-21 3212.500000 3233.879883 3160.000000 3184.939941  
3184.939941  
## 5900 2020-10-22 3189.870117 3198.750000 3121.939941 3176.399902  
3176.399902  
## 5901 2020-10-23 3191.000000 3205.330078 3140.000000 3204.399902  
3204.399902  
## 5902 2020-10-26 3198.739990 3282.979980 3153.300049 3207.040039  
3207.040039  
## 5903 2020-10-27 3224.939941 3291.659912 3211.300049 3286.330078  
3286.330078  
## 5904 2020-10-28 3249.300049 3264.020020 3162.469971 3162.780029  
3162.780029  
## 5905 2020-10-29 3201.270020 3257.250000 3164.000000 3211.010010  
3211.010010  
## 5906 2020-10-30 3157.750000 3167.000000 3019.000000 3036.149902  
3036.149902  
## 5907 2020-11-02 3061.739990 3079.709961 2950.120117 3004.479980  
3004.479980  
## 5908 2020-11-03 3018.530029 3074.899902 2980.979980 3048.409912  
3048.409912  
## 5909 2020-11-04 3159.989990 3244.850098 3139.729980 3241.159912  
3241.159912  
## 5910 2020-11-05 3319.969971 3366.800049 3288.879883 3322.000000  
3322.000000  
## 5911 2020-11-06 3304.639893 3322.000000 3232.000000 3311.370117  
3311.370117  
## 5912 2020-11-09 3231.030029 3289.000000 3112.110107 3143.739990  
3143.739990  
## 5913 2020-11-10 3095.020020 3114.000000 3019.479980 3035.020020  
3035.020020  
## 5914 2020-11-11 3061.780029 3139.149902 3050.000000 3137.389893  
3137.389893  
## 5915 2020-11-12 3159.949951 3175.879883 3086.050049 3110.280029  
3110.280029  
## 5916 2020-11-13 3122.000000 3141.719971 3085.389893 3128.810059  
3128.810059  
## 5917 2020-11-16 3093.199951 3142.699951 3072.689941 3131.060059  
3131.060059
```

```
## 5918 2020-11-17 3183.540039 3189.250000 3135.260010 3135.659912  
3135.659912  
## 5919 2020-11-18 3134.000000 3140.000000 3105.100098 3105.459961  
3105.459961  
## 5920 2020-11-19 3105.310059 3125.000000 3080.919922 3117.020020  
3117.020020  
## 5921 2020-11-20 3117.020020 3132.889893 3098.050049 3099.399902  
3099.399902  
## 5922 2020-11-23 3116.699951 3139.750000 3065.459961 3098.389893  
3098.389893  
## 5923 2020-11-24 3100.500000 3134.250000 3086.260010 3118.060059  
3118.060059  
## 5924 2020-11-25 3141.870117 3198.000000 3140.260010 3185.070068  
3185.070068  
## 5925 2020-11-27 3211.260010 3216.189941 3190.050049 3195.340088  
3195.340088  
## 5926 2020-11-30 3208.479980 3228.389893 3125.550049 3168.040039  
3168.040039  
## 5927 2020-12-01 3188.500000 3248.949951 3157.179932 3220.080078  
3220.080078  
## 5928 2020-12-02 3221.649902 3232.000000 3173.260010 3203.530029  
3203.530029  
## 5929 2020-12-03 3205.459961 3228.639893 3181.310059 3186.729980  
3186.729980  
## 5930 2020-12-04 3198.209961 3198.209961 3158.760010 3162.580078  
3162.580078  
## 5931 2020-12-07 3156.479980 3180.760010 3141.689941 3158.000000  
3158.000000  
## 5932 2020-12-08 3158.899902 3184.129883 3120.020020 3177.290039  
3177.290039  
## 5933 2020-12-09 3167.889893 3174.429932 3088.000000 3104.199951  
3104.199951  
## 5934 2020-12-10 3088.989990 3142.100098 3076.000000 3101.489990  
3101.489990  
## 5935 2020-12-11 3096.659912 3118.669922 3072.820068 3116.419922  
3116.419922  
## 5936 2020-12-14 3143.000000 3190.469971 3126.000000 3156.969971  
3156.969971  
## 5937 2020-12-15 3181.010010 3188.500000 3130.489990 3165.120117  
3165.120117  
## 5938 2020-12-16 3176.010010 3247.000000 3163.679932 3240.959961  
3240.959961  
## 5939 2020-12-17 3250.000000 3263.510010 3221.000000 3236.080078  
3236.080078  
## 5940 2020-12-18 3243.989990 3249.419922 3171.600098 3201.649902  
3201.649902  
## 5941 2020-12-21 3200.010010 3226.969971 3166.000000 3206.179932  
3206.179932  
## 5942 2020-12-22 3202.840088 3222.000000 3180.080078 3206.520020  
3206.520020
```

```
## 5943 2020-12-23 3205.00000 3210.129883 3184.169922 3185.270020  
3185.270020  
## 5944 2020-12-24 3193.899902 3202.000000 3169.000000 3172.689941  
3172.689941  
## 5945 2020-12-28 3194.000000 3304.000000 3172.689941 3283.959961  
3283.959961  
## 5946 2020-12-29 3309.939941 3350.649902 3281.219971 3322.000000  
3322.000000  
## 5947 2020-12-30 3341.000000 3342.100098 3282.469971 3285.850098  
3285.850098  
## 5948 2020-12-31 3275.000000 3282.919922 3241.199951 3256.929932  
3256.929932  
## 5949 2021-01-04 3270.000000 3272.000000 3144.020020 3186.629883  
3186.629883  
## 5950 2021-01-05 3166.010010 3223.379883 3165.060059 3218.510010  
3218.510010  
## 5951 2021-01-06 3146.479980 3197.510010 3131.159912 3138.379883  
3138.379883  
## 5952 2021-01-07 3157.000000 3208.540039 3155.000000 3162.159912  
3162.159912  
## 5953 2021-01-08 3180.000000 3190.639893 3142.199951 3182.699951  
3182.699951  
## 5954 2021-01-11 3148.010010 3156.379883 3110.000000 3114.209961  
3114.209961  
## 5955 2021-01-12 3120.000000 3142.139893 3086.000000 3120.830078  
3120.830078  
## 5956 2021-01-13 3128.439941 3189.949951 3122.080078 3165.889893  
3165.889893  
## 5957 2021-01-14 3167.520020 3178.000000 3120.590088 3127.469971  
3127.469971  
## 5958 2021-01-15 3123.020020 3142.550049 3095.169922 3104.250000  
3104.250000  
## 5959 2021-01-19 3107.000000 3145.000000 3096.000000 3120.760010  
3120.760010  
## 5960 2021-01-20 3181.989990 3279.800049 3175.000000 3263.379883  
3263.379883  
## 5961 2021-01-21 3293.000000 3348.550049 3289.570068 3306.989990  
3306.989990  
## 5962 2021-01-22 3304.310059 3321.909912 3283.159912 3292.229980  
3292.229980  
## 5963 2021-01-25 3328.500000 3363.889893 3243.149902 3294.000000  
3294.000000  
## 5964 2021-01-26 3296.360107 3338.000000 3282.870117 3326.129883  
3326.129883  
## 5965 2021-01-27 3341.489990 3346.520020 3207.080078 3232.580078  
3232.580078  
## 5966 2021-01-28 3235.040039 3301.679932 3228.689941 3237.620117  
3237.620117  
## 5967 2021-01-29 3230.000000 3236.989990 3184.550049 3206.199951  
3206.199951
```

```
## 5968 2021-02-01 3242.360107 3350.260010 3235.030029 3342.879883  
3342.879883  
## 5969 2021-02-02 3380.000000 3427.739990 3361.129883 3380.000000  
3380.000000  
## 5970 2021-02-03 3425.010010 3434.000000 3308.620117 3312.530029  
3312.530029  
## 5971 2021-02-04 3330.000000 3347.000000 3277.750000 3331.000000  
3331.000000  
## 5972 2021-02-05 3319.000000 3377.000000 3302.709961 3352.149902  
3352.149902  
## 5973 2021-02-08 3358.500000 3365.000000 3304.000000 3322.939941  
3322.939941  
## 5974 2021-02-09 3312.489990 3338.000000 3297.840088 3305.000000  
3305.000000  
## 5975 2021-02-10 3314.000000 3317.949951 3254.000000 3286.580078  
3286.580078  
## 5976 2021-02-11 3292.000000 3292.000000 3248.060059 3262.129883  
3262.129883  
## 5977 2021-02-12 3250.000000 3280.250000 3233.310059 3277.709961  
3277.709961  
## 5978 2021-02-16 3254.050049 3308.300049 3253.590088 3268.949951  
3268.949951  
## 5979 2021-02-17 3263.600098 3320.909912 3259.500000 3308.639893  
3308.639893  
## 5980 2021-02-18 3282.419922 3338.000000 3273.939941 3328.229980  
3328.229980  
## 5981 2021-02-19 3328.229980 3333.500000 3245.750000 3249.899902  
3249.899902  
## 5982 2021-02-22 3208.129883 3232.320068 3172.260010 3180.739990  
3180.739990  
## 5983 2021-02-23 3127.030029 3204.729980 3093.600098 3194.500000  
3194.500000  
## 5984 2021-02-24 3166.750000 3171.229980 3125.379883 3159.530029  
3159.530029  
## 5985 2021-02-25 3136.739990 3178.260010 3047.760010 3057.159912  
3057.159912  
## 5986 2021-02-26 3095.199951 3122.439941 3036.699951 3092.929932  
3092.929932  
## 5987 2021-03-01 3127.889893 3149.560059 3097.989990 3146.139893  
3146.139893  
## 5988 2021-03-02 3143.469971 3163.520020 3087.120117 3094.530029  
3094.530029  
## 5989 2021-03-03 3081.179932 3107.780029 2995.000000 3005.000000  
3005.000000  
## 5990 2021-03-04 3012.000000 3058.129883 2945.429932 2977.570068  
2977.570068  
## 5991 2021-03-05 3005.000000 3009.000000 2881.000000 3000.459961  
3000.459961  
## 5992 2021-03-08 3015.000000 3064.590088 2951.310059 2951.949951  
2951.949951
```

```
## 5993 2021-03-09 3017.989990 3090.959961 3005.149902 3062.850098  
3062.850098  
## 5994 2021-03-10 3098.449951 3116.459961 3030.050049 3057.639893  
3057.639893  
## 5995 2021-03-11 3104.010010 3131.780029 3082.929932 3113.590088  
3113.590088  
## 5996 2021-03-12 3075.000000 3098.979980 3045.500000 3089.489990  
3089.489990  
## 5997 2021-03-15 3074.570068 3082.239990 3032.090088 3081.679932  
3081.679932  
## 5998 2021-03-16 3104.969971 3128.909912 3075.860107 3091.860107  
3091.860107  
## 5999 2021-03-17 3073.219971 3173.050049 3070.219971 3135.729980  
3135.729980  
## 6000 2021-03-18 3101.000000 3116.629883 3025.000000 3027.989990  
3027.989990  
## 6001 2021-03-19 3029.229980 3077.290039 3016.629883 3074.959961  
3074.959961  
## 6002 2021-03-22 3067.850098 3126.580078 3060.050049 3110.870117  
3110.870117  
## 6003 2021-03-23 3127.000000 3182.000000 3120.850098 3137.500000  
3137.500000  
## 6004 2021-03-24 3151.040039 3160.310059 3085.149902 3087.070068  
3087.070068  
## 6005 2021-03-25 3072.989990 3109.780029 3037.139893 3046.260010  
3046.260010  
## 6006 2021-03-26 3044.060059 3056.659912 2996.000000 3052.030029  
3052.030029  
## 6007 2021-03-29 3055.439941 3091.250000 3028.449951 3075.729980  
3075.729980  
## 6008 2021-03-30 3070.010010 3073.000000 3034.000000 3055.290039  
3055.290039  
## 6009 2021-03-31 3064.060059 3119.330078 3062.500000 3094.080078  
3094.080078  
## 6010 2021-04-01 3117.939941 3162.439941 3115.550049 3161.000000  
3161.000000  
## 6011 2021-04-05 3173.000000 3235.959961 3161.239990 3226.729980  
3226.729980  
## 6012 2021-04-06 3223.750000 3247.310059 3217.040039 3223.820068  
3223.820068  
## 6013 2021-04-07 3233.800049 3303.610107 3223.649902 3279.389893  
3279.389893  
## 6014 2021-04-08 3310.899902 3324.500000 3292.000000 3299.300049  
3299.300049  
## 6015 2021-04-09 3304.699951 3372.199951 3288.899902 3372.199951  
3372.199951  
## 6016 2021-04-12 3355.209961 3395.040039 3351.149902 3379.389893  
3379.389893  
## 6017 2021-04-13 3400.850098 3432.000000 3395.629883 3400.000000  
3400.000000
```

```
## 6018 2021-04-14 3404.040039 3404.129883 3326.000000 3333.000000  
3333.000000  
## 6019 2021-04-15 3371.000000 3397.000000 3352.000000 3379.090088  
3379.090088  
## 6020 2021-04-16 3380.000000 3406.800049 3355.590088 3399.439941  
3399.439941  
## 6021 2021-04-19 3390.330078 3435.929932 3360.159912 3372.010010  
3372.010010  
## 6022 2021-04-20 3373.600098 3382.989990 3316.000000 3334.689941  
3334.689941  
## 6023 2021-04-21 3316.000000 3362.860107 3303.810059 3362.020020  
3362.020020  
## 6024 2021-04-22 3371.679932 3372.870117 3301.449951 3309.040039  
3309.040039  
## 6025 2021-04-23 3319.100098 3375.000000 3308.500000 3340.879883  
3340.879883  
## 6026 2021-04-26 3348.000000 3428.449951 3330.939941 3409.000000  
3409.000000  
## 6027 2021-04-27 3443.469971 3460.000000 3398.010010 3417.429932  
3417.429932  
## 6028 2021-04-28 3434.800049 3489.879883 3425.000000 3458.500000  
3458.500000  
## 6029 2021-04-29 3505.100098 3514.449951 3435.000000 3471.310059  
3471.310059  
## 6030 2021-04-30 3525.120117 3554.000000 3462.500000 3467.419922  
3467.419922  
## 6031 2021-05-03 3484.729980 3486.649902 3372.699951 3386.489990  
3386.489990  
## 6032 2021-05-04 3356.189941 3367.979980 3272.129883 3311.870117  
3311.870117  
## 6033 2021-05-05 3338.860107 3354.699951 3264.360107 3270.540039  
3270.540039  
## 6034 2021-05-06 3270.000000 3314.399902 3247.199951 3306.370117  
3306.370117  
## 6035 2021-05-07 3319.090088 3330.889893 3289.070068 3291.610107  
3291.610107  
## 6036 2021-05-10 3282.320068 3283.000000 3190.000000 3190.489990  
3190.489990  
## 6037 2021-05-11 3136.280029 3238.000000 3127.370117 3223.909912  
3223.909912  
## 6038 2021-05-12 3185.000000 3207.939941 3133.100098 3151.939941  
3151.939941  
## 6039 2021-05-13 3185.469971 3203.840088 3133.000000 3161.469971  
3161.469971  
## 6040 2021-05-14 3185.560059 3228.860107 3183.000000 3222.899902  
3222.899902  
## 6041 2021-05-17 3245.929932 3292.750000 3234.590088 3270.389893  
3270.389893  
## 6042 2021-05-18 3292.580078 3312.000000 3230.370117 3232.280029  
3232.280029
```

```
## 6043 2021-05-19 3195.00000 3234.750000 3184.000000 3231.800049  
3231.800049  
## 6044 2021-05-20 3244.399902 3259.679932 3236.179932 3247.679932  
3247.679932  
## 6045 2021-05-21 3250.00000 3256.689941 3197.010010 3203.080078  
3203.080078  
## 6046 2021-05-24 3215.500000 3257.949951 3210.500000 3244.989990  
3244.989990  
## 6047 2021-05-25 3266.669922 3279.820068 3213.760010 3259.050049  
3259.050049  
## 6048 2021-05-26 3274.590088 3295.729980 3258.510010 3265.159912  
3265.159912  
## 6049 2021-05-27 3256.00000 3260.360107 3230.040039 3230.110107  
3230.110107  
## 6050 2021-05-28 3242.000000 3247.989990 3219.699951 3223.070068  
3223.070068  
## 6051 2021-06-01 3243.500000 3250.979980 3209.060059 3218.649902  
3218.649902  
## 6052 2021-06-02 3223.100098 3235.000000 3208.000000 3233.989990  
3233.989990  
## 6053 2021-06-03 3204.229980 3214.439941 3184.030029 3187.010010  
3187.010010  
## 6054 2021-06-04 3212.000000 3221.000000 3198.810059 3206.219971  
3206.219971  
## 6055 2021-06-07 3197.330078 3208.000000 3172.199951 3198.010010  
3198.010010  
## 6056 2021-06-08 3222.610107 3279.530029 3218.010010 3264.110107  
3264.110107  
## 6057 2021-06-09 3272.870117 3297.580078 3270.699951 3281.149902  
3281.149902  
## 6058 2021-06-10 3282.010010 3351.000000 3281.149902 3349.649902  
3349.649902  
## 6059 2021-06-11 3349.649902 3366.580078 3333.449951 3346.830078  
3346.830078  
## 6060 2021-06-14 3346.830078 3385.000000 3335.500000 3383.870117  
3383.870117  
## 6061 2021-06-15 3384.000000 3396.989990 3363.110107 3383.129883  
3383.129883  
## 6062 2021-06-16 3392.000000 3426.350098 3360.530029 3415.250000  
3415.250000  
## 6063 2021-06-17 3403.179932 3497.199951 3401.000000 3489.239990  
3489.239990  
## 6064 2021-06-18 3479.989990 3507.000000 3473.709961 3486.899902  
3486.899902  
## 6065 2021-06-21 3476.419922 3482.000000 3434.000000 3453.959961  
3453.959961  
## 6066 2021-06-22 3458.060059 3523.780029 3456.090088 3505.439941  
3505.439941  
## 6067 2021-06-23 3505.000000 3521.000000 3483.199951 3503.820068  
3503.820068
```

```
## 6068 2021-06-24 3507.639893 3524.860107 3430.850098 3449.080078  
3449.080078  
## 6069 2021-06-25 3464.000000 3464.820068 3394.179932 3401.459961  
3401.459961  
## 6070 2021-06-28 3416.000000 3448.000000 3413.510010 3443.889893  
3443.889893  
## 6071 2021-06-29 3438.820068 3456.030029 3423.030029 3448.139893  
3448.139893  
## 6072 2021-06-30 3441.060059 3471.600098 3435.000000 3440.159912  
3440.159912  
## 6073 2021-07-01 3434.610107 3457.000000 3409.419922 3432.969971  
3432.969971  
## 6074 2021-07-02 3451.639893 3511.719971 3436.919922 3510.979980  
3510.979980  
## 6075 2021-07-06 3530.110107 3685.479980 3529.000000 3675.739990  
3675.739990  
## 6076 2021-07-07 3717.379883 3734.199951 3678.909912 3696.580078  
3696.580078  
## 6077 2021-07-08 3643.560059 3759.989990 3621.120117 3731.409912  
3731.409912  
## 6078 2021-07-09 3722.520020 3748.000000 3693.399902 3719.340088  
3719.340088  
## 6079 2021-07-12 3744.000000 3757.290039 3696.790039 3718.550049  
3718.550049  
## 6080 2021-07-13 3702.100098 3773.080078 3671.320068 3677.360107  
3677.360107  
## 6081 2021-07-14 3708.850098 3717.659912 3660.830078 3681.679932  
3681.679932  
## 6082 2021-07-15 3694.199951 3695.399902 3620.919922 3631.199951  
3631.199951  
## 6083 2021-07-16 3633.310059 3646.060059 3570.459961 3573.629883  
3573.629883  
## 6084 2021-07-19 3532.580078 3550.209961 3499.159912 3549.590088  
3549.590088  
## 6085 2021-07-20 3567.320068 3592.000000 3518.000000 3573.189941  
3573.189941  
## 6086 2021-07-21 3576.379883 3586.449951 3543.639893 3585.199951  
3585.199951  
## 6087 2021-07-22 3587.229980 3640.020020 3582.270020 3638.030029  
3638.030029  
## 6088 2021-07-23 3640.000000 3666.110107 3622.040039 3656.639893  
3656.639893  
## 6089 2021-07-26 3673.169922 3712.080078 3647.250000 3699.820068  
3699.820068  
## 6090 2021-07-27 3698.500000 3698.500000 3586.149902 3626.389893  
3626.389893  
## 6091 2021-07-28 3633.780029 3658.419922 3601.000000 3630.320068  
3630.320068  
## 6092 2021-07-29 3627.750000 3637.949951 3580.010010 3599.919922  
3599.919922
```

```
## 6093 2021-07-30 3347.949951 3368.139893 3306.979980 3327.590088  
3327.590088  
## 6094 2021-08-02 3353.100098 3358.919922 3317.000000 3331.479980  
3331.479980  
## 6095 2021-08-03 3340.719971 3391.000000 3299.770020 3366.239990  
3366.239990  
## 6096 2021-08-04 3379.350098 3388.879883 3345.560059 3354.719971  
3354.719971  
## 6097 2021-08-05 3356.219971 3389.000000 3340.919922 3375.989990  
3375.989990  
## 6098 2021-08-06 3375.000000 3375.000000 3329.040039 3344.939941  
3344.939941  
## 6099 2021-08-09 3343.610107 3354.879883 3328.520020 3341.870117  
3341.870117  
## 6100 2021-08-10 3345.010010 3358.000000 3315.000000 3320.679932  
3320.679932  
## 6101 2021-08-11 3331.449951 3337.699951 3277.790039 3292.110107  
3292.110107  
## 6102 2021-08-12 3290.000000 3314.510010 3269.669922 3303.500000  
3303.500000  
## 6103 2021-08-13 3305.669922 3306.070068 3283.000000 3293.969971  
3293.969971  
## 6104 2021-08-16 3283.000000 3300.000000 3211.129883 3298.989990  
3298.989990  
## 6105 2021-08-17 3277.500000 3280.489990 3225.679932 3241.959961  
3241.959961  
## 6106 2021-08-18 3241.989990 3254.100098 3200.000000 3201.219971  
3201.219971  
## 6107 2021-08-19 3194.020020 3233.000000 3182.459961 3187.750000  
3187.750000  
## 6108 2021-08-20 3203.870117 3207.810059 3175.760010 3199.949951  
3199.949951  
## 6109 2021-08-23 3211.899902 3280.899902 3210.010010 3265.870117  
3265.870117  
## 6110 2021-08-24 3280.000000 3315.489990 3274.580078 3305.780029  
3305.780029  
## 6111 2021-08-25 3309.870117 3321.000000 3286.149902 3299.179932  
3299.179932  
## 6112 2021-08-26 3299.000000 3332.000000 3296.000000 3316.000000  
3316.000000  
## 6113 2021-08-27 3333.229980 3352.320068 3313.750000 3349.629883  
3349.629883  
## 6114 2021-08-30 3357.429932 3445.000000 3355.219971 3421.570068  
3421.570068  
## 6115 2021-08-31 3424.800049 3472.580078 3395.590088 3470.790039  
3470.790039  
## 6116 2021-09-01 3496.399902 3527.000000 3475.239990 3479.000000  
3479.000000  
## 6117 2021-09-02 3494.760010 3511.959961 3455.000000 3463.120117  
3463.120117
```

```
## 6118 2021-09-03 3452.00000 3482.669922 3436.439941 3478.050049  
3478.050049  
## 6119 2021-09-07 3478.00000 3528.090088 3476.939941 3509.290039  
3509.290039  
## 6120 2021-09-08 3511.649902 3545.629883 3495.669922 3525.500000  
3525.500000  
## 6121 2021-09-09 3526.020020 3549.989990 3480.370117 3484.159912  
3484.159912  
## 6122 2021-09-10 3501.830078 3508.449951 3462.909912 3469.149902  
3469.149902  
## 6123 2021-09-13 3482.800049 3497.959961 3438.000000 3457.169922  
3457.169922  
## 6124 2021-09-14 3475.550049 3486.810059 3437.709961 3450.000000  
3450.000000  
## 6125 2021-09-15 3442.520020 3485.419922 3402.010010 3475.790039  
3475.790039  
## 6126 2021-09-16 3459.959961 3492.550049 3446.139893 3488.239990  
3488.239990  
## 6127 2021-09-17 3488.409912 3497.409912 3452.129883 3462.520020  
3462.520020  
## 6128 2021-09-20 3396.000000 3419.000000 3305.010010 3355.729980  
3355.729980  
## 6129 2021-09-21 3375.000000 3379.699951 3332.389893 3343.629883  
3343.629883  
## 6130 2021-09-22 3351.000000 3389.000000 3341.050049 3380.050049  
3380.050049  
## 6131 2021-09-23 3380.050049 3428.959961 3380.050049 3416.000000  
3416.000000  
## 6132 2021-09-24 3402.010010 3429.260010 3393.399902 3425.520020  
3425.520020  
## 6133 2021-09-27 3371.500000 3415.570068 3339.610107 3405.800049  
3405.800049  
## 6134 2021-09-28 3357.709961 3369.189941 3290.100098 3315.959961  
3315.959961  
## 6135 2021-09-29 3322.110107 3351.300049 3297.870117 3301.120117  
3301.120117  
## 6136 2021-09-30 3316.000000 3327.850098 3273.989990 3285.040039  
3285.040039  
## 6137 2021-10-01 3289.010010 3309.169922 3255.939941 3283.260010  
3283.260010  
## 6138 2021-10-04 3279.389893 3279.989990 3176.250000 3189.780029  
3189.780029  
## 6139 2021-10-05 3204.500000 3260.729980 3202.459961 3221.000000  
3221.000000  
## 6140 2021-10-06 3213.530029 3264.340088 3198.620117 3262.010010  
3262.010010  
## 6141 2021-10-07 3291.540039 3325.750000 3283.060059 3302.429932  
3302.429932  
## 6142 2021-10-08 3317.000000 3321.429932 3288.199951 3288.620117  
3288.620117
```

```
## 6143 2021-10-11 3275.00000 3292.590088 3238.100098 3246.300049  
3246.300049  
## 6144 2021-10-12 3257.00000 3267.530029 3236.280029 3247.330078  
3247.330078  
## 6145 2021-10-13 3269.709961 3288.379883 3261.090088 3284.280029  
3284.280029  
## 6146 2021-10-14 3302.449951 3312.600098 3290.780029 3299.860107  
3299.860107  
## 6147 2021-10-15 3311.419922 3410.419922 3304.000000 3409.020020  
3409.020020  
## 6148 2021-10-18 3388.360107 3449.169922 3385.100098 3446.739990  
3446.739990  
## 6149 2021-10-19 3434.290039 3454.689941 3422.000000 3444.149902  
3444.149902  
## 6150 2021-10-20 3452.659912 3462.860107 3400.370117 3415.060059  
3415.060059  
## 6151 2021-10-21 3414.250000 3440.280029 3403.000000 3435.010010  
3435.010010  
## 6152 2021-10-22 3421.000000 3429.840088 3331.300049 3335.550049  
3335.550049  
## 6153 2021-10-25 3335.000000 3347.800049 3297.699951 3320.370117  
3320.370117  
## 6154 2021-10-26 3349.510010 3416.120117 3343.979980 3376.070068  
3376.070068  
## 6155 2021-10-27 3388.000000 3437.000000 3371.449951 3392.489990  
3392.489990  
## 6156 2021-10-28 3402.100098 3479.000000 3386.000000 3446.570068  
3446.570068  
## 6157 2021-10-29 3300.020020 3374.820068 3273.320068 3372.429932  
3372.429932  
## 6158 2021-11-01 3361.800049 3375.860107 3292.020020 3318.110107  
3318.110107  
## 6159 2021-11-02 3315.010010 3331.120117 3283.550049 3312.750000  
3312.750000  
## 6160 2021-11-03 3309.000000 3394.919922 3297.520020 3384.000000  
3384.000000  
## 6161 2021-11-04 3370.000000 3498.629883 3365.000000 3477.000000  
3477.000000  
## 6162 2021-11-05 3477.000000 3566.250000 3476.979980 3518.989990  
3518.989990  
## 6163 2021-11-08 3523.239990 3579.000000 3487.860107 3488.979980  
3488.979980  
## 6164 2021-11-09 3515.250000 3593.770020 3501.429932 3576.229980  
3576.229980  
## 6165 2021-11-10 3563.870117 3605.449951 3463.090088 3482.050049  
3482.050049  
## 6166 2021-11-11 3513.000000 3543.239990 3467.469971 3472.500000  
3472.500000  
## 6167 2021-11-12 3485.000000 3540.729980 3447.050049 3525.149902  
3525.149902
```

```
## 6168 2021-11-15 3537.00000 3593.879883 3525.810059 3545.679932  
3545.679932  
## 6169 2021-11-16 3539.00000 3576.500000 3525.149902 3540.699951  
3540.699951  
## 6170 2021-11-17 3564.719971 3587.250000 3545.350098 3549.000000  
3549.000000  
## 6171 2021-11-18 3566.350098 3704.199951 3561.000000 3696.060059  
3696.060059  
## 6172 2021-11-19 3712.689941 3762.149902 3675.719971 3676.570068  
3676.570068  
## 6173 2021-11-22 3676.379883 3713.459961 3567.500000 3572.570068  
3572.570068  
## 6174 2021-11-23 3585.040039 3621.050049 3527.709961 3580.040039  
3580.040039  
## 6175 2021-11-24 3562.669922 3613.639893 3536.850098 3580.409912  
3580.409912  
## 6176 2021-11-26 3602.100098 3633.500000 3504.149902 3504.560059  
3504.560059  
## 6177 2021-11-29 3547.639893 3596.000000 3531.500000 3561.570068  
3561.570068  
## 6178 2021-11-30 3563.500000 3585.770020 3492.010010 3507.070068  
3507.070068  
## 6179 2021-12-01 3545.000000 3559.879883 3441.600098 3443.719971  
3443.719971  
## 6180 2021-12-02 3460.000000 3492.699951 3423.750000 3437.360107  
3437.360107  
## 6181 2021-12-03 3455.000000 3469.870117 3338.600098 3389.790039  
3389.790039  
## 6182 2021-12-06 3393.000000 3473.909912 3338.689941 3427.370117  
3427.370117  
## 6183 2021-12-07 3492.000000 3549.989990 3466.689941 3523.290039  
3523.290039  
## 6184 2021-12-08 3523.010010 3543.600098 3495.010010 3523.159912  
3523.159912  
## 6185 2021-12-09 3515.000000 3539.389893 3482.790039 3483.419922  
3483.419922  
## 6186 2021-12-10 3508.340088 3518.540039 3410.000000 3444.239990  
3444.239990  
## 6187 2021-12-13 3440.000000 3442.000000 3382.600098 3391.350098  
3391.350098  
## 6188 2021-12-14 3351.000000 3389.979980 3328.800049 3381.830078  
3381.830078  
## 6189 2021-12-15 3371.959961 3472.000000 3303.899902 3466.300049  
3466.300049  
## 6190 2021-12-16 3467.370117 3483.320068 3363.209961 3377.419922  
3377.419922  
## 6191 2021-12-17 3354.209961 3417.969971 3312.270020 3400.350098  
3400.350098  
## 6192 2021-12-20 3337.000000 3357.489990 3312.000000 3341.580078  
3341.580078
```

```
## 6193 2021-12-21 3357.010010 3414.330078 3312.949951 3408.340088
3408.340088
## 6194 2021-12-22 3385.399902 3441.000000 3370.010010 3420.739990
3420.739990
## 6195 2021-12-23 3408.560059 3439.500000 3403.000000 3421.370117
3421.370117
## 6196 2021-12-27 3420.739990 3458.860107 3384.310059 3393.389893
3393.389893
## 6197 2021-12-28 3403.649902 3443.520020 3382.709961 3413.219971
3413.219971
## 6198 2021-12-29 3416.800049 3424.239990 3372.010010 3384.020020
3384.020020
## 6199 2021-12-30 3394.000000 3417.760010 3370.479980 3372.889893
3372.889893
## 6200 2021-12-31 3379.120117 3387.000000 3331.169922 3334.340088
3334.340088
## 6201 2022-01-03 3351.000000 3414.070068 3323.209961 3408.090088
3408.090088
## 6202 2022-01-04 3408.760010 3428.000000 3326.989990 3350.439941
3350.439941
## 6203 2022-01-05 3337.659912 3342.530029 3287.139893 3287.139893
3287.139893
## 6204 2022-01-06 3269.010010 3296.000000 3238.739990 3265.080078
3265.080078
## 6205 2022-01-07 3276.780029 3304.870117 3240.620117 3251.080078
3251.080078
## 6206 2022-01-10 3211.709961 3233.229980 3126.090088 3229.719971
3229.719971
## 6207 2022-01-11 3230.000000 3327.000000 3214.030029 3307.239990
3307.239990
## 6208 2022-01-12 3331.500000 3337.560059 3288.340088 3304.139893
3304.139893
## 6209 2022-01-13 3305.010010 3324.429932 3221.820068 3224.280029
3224.280029
## 6210 2022-01-14 3203.000000 3245.000000 3196.010010 3242.760010
3242.760010
## 6211 2022-01-18 3182.100098 3194.689941 3153.290039 3178.350098
3178.350098
## 6212 2022-01-19 3175.239990 3185.000000 3125.000000 3125.979980
3125.979980
## 6213 2022-01-20 3135.320068 3160.000000 3027.020020 3033.350098
3033.350098
## 6214 2022-01-21 2999.000000 3018.000000 2841.409912 2852.860107
2852.860107
## 6215 2022-01-24 2780.000000 2898.899902 2707.040039 2890.879883
2890.879883
## 6216 2022-01-25 2844.850098 2872.000000 2762.899902 2799.719971
2799.719971
## 6217 2022-01-26 2895.000000 2903.699951 2746.370117 2777.449951
2777.449951
```

```
## 6218 2022-01-27 2816.00000 2884.870117 2787.00000 2792.750000  
2792.750000  
## 6219 2022-01-28 2817.209961 2879.959961 2758.590088 2879.560059  
2879.560059  
## 6220 2022-01-31 2895.00000 3007.209961 2886.010010 2991.469971  
2991.469971  
## 6221 2022-02-01 3000.00000 3034.159912 2952.550049 3023.870117  
3023.870117  
## 6222 2022-02-02 3101.010010 3101.500000 2977.270020 3012.250000  
3012.250000  
## 6223 2022-02-03 2834.750000 2884.949951 2766.659912 2776.909912  
2776.909912  
## 6224 2022-02-04 3112.129883 3224.000000 3012.159912 3152.790039  
3152.790039  
## 6225 2022-02-07 3170.399902 3253.820068 3145.000000 3158.709961  
3158.709961  
## 6226 2022-02-08 3135.010010 3235.850098 3111.010010 3228.270020  
3228.270020  
## 6227 2022-02-09 3257.469971 3276.689941 3205.000000 3223.790039  
3223.790039  
## 6228 2022-02-10 3167.000000 3214.330078 3155.000000 3180.070068  
3180.070068  
## 6229 2022-02-11 3162.689941 3180.000000 3054.679932 3065.870117  
3065.870117  
## 6230 2022-02-14 3035.020020 3168.969971 3033.000000 3103.340088  
3103.340088  
## 6231 2022-02-15 3152.110107 3160.139893 3092.750000 3130.209961  
3130.209961  
## 6232 2022-02-16 3115.810059 3176.679932 3094.689941 3162.010010  
3162.010010  
## 6233 2022-02-17 3162.919922 3206.979980 3090.000000 3093.050049  
3093.050049  
## 6234 2022-02-18 3109.989990 3109.989990 3017.860107 3052.030029  
3052.030029  
## 6235 2022-02-22 3009.570068 3059.649902 2969.709961 3003.949951  
3003.949951  
## 6236 2022-02-23 3033.010010 3035.260010 2893.020020 2896.540039  
2896.540039  
## 6237 2022-02-24 2796.750000 3034.979980 2790.000000 3027.159912  
3027.159912  
## 6238 2022-02-25 3011.000000 3079.800049 2984.270020 3075.770020  
3075.770020  
## 6239 2022-02-28 3048.500000 3089.000000 3017.000000 3071.260010  
3071.260010  
## 6240 2022-03-01 3054.649902 3081.979980 2999.540039 3022.840088  
3022.840088  
## 6241 2022-03-02 3016.979980 3059.989990 2975.000000 3041.050049  
3041.050049  
## 6242 2022-03-03 3070.629883 3078.580078 2937.120117 2957.969971  
2957.969971
```

```
## 6243 2022-03-04 2943.179932 2957.000000 2876.139893 2912.820068  
2912.820068  
## 6244 2022-03-07 2908.870117 2921.889893 2748.330078 2749.060059  
2749.060059  
## 6245 2022-03-08 2733.669922 2813.989990 2671.449951 2720.290039  
2720.290039  
## 6246 2022-03-09 2790.000000 2805.000000 2736.560059 2785.580078  
2785.580078  
## 6247 2022-03-10 2913.699951 2973.489990 2879.560059 2936.350098  
2936.350098  
## 6248 2022-03-11 2991.489990 2993.500000 2907.379883 2910.489990  
2910.489990  
## 6249 2022-03-14 2919.620117 2949.000000 2817.679932 2837.060059  
2837.060059  
## 6250 2022-03-15 2857.000000 2959.699951 2840.000000 2947.330078  
2947.330078  
## 6251 2022-03-16 2970.000000 3063.000000 2947.070068 3062.080078  
3062.080078  
## 6252 2022-03-17 3052.810059 3149.969971 3042.800049 3144.780029  
3144.780029  
## 6253 2022-03-18 3136.260010 3231.879883 3120.219971 3225.010010  
3225.010010  
## 6254 2022-03-21 3222.419922 3261.679932 3191.060059 3229.830078  
3229.830078  
## 6255 2022-03-22 3236.110107 3323.340088 3233.979980 3297.780029  
3297.780029  
## 6256 2022-03-23 3274.100098 3327.399902 3253.739990 3268.159912  
3268.159912  
## 6257 2022-03-24 3274.989990 3282.370117 3201.000000 3272.989990  
3272.989990  
##          Volume  
## 1      72156000  
## 2      14700000  
## 3      6106800  
## 4      5467200  
## 5      18853200  
## 6      11776800  
## 7      15937200  
## 8      8697600  
## 9      4574400  
## 10     3472800  
## 11     2594400  
## 12     591600  
## 13     1183200  
## 14     3080400  
## 15     5672400  
## 16     7807200  
## 17     2352000  
## 18     5458800  
## 19     1188000
```

```
## 20    1632000
## 21     693600
## 22     913200
## 23    4706400
## 24    2464800
## 25   1003200
## 26   3387600
## 27   1047600
## 28    751200
## 29   2106000
## 30   3189600
## 31  1188000
## 32  2746800
## 33  1292400
## 34  3882000
## 35 12577200
## 36  8053200
## 37 15517200
## 38  8262000
## 39  9051600
## 40 10531200
## 41  4604400
## 42  9274800
## 43  3024000
## 44  3169200
## 45    780000
## 46    574800
## 47  1563600
## 48  3259200
## 49  1216800
## 50    620400
## 51  2574000
## 52  4814400
## 53  2517600
## 54  1454400
## 55  3588000
## 56  2671200
## 57  3032400
## 58  1243200
## 59  2034000
## 60  2211600
## 61  1239600
## 62    571200
## 63    590400
## 64  1041600
## 65  1597200
## 66  1784400
## 67  1003200
## 68    999600
## 69    624000
```

```
## 70      712800
## 71      1126800
## 72      2574000
## 73      1392000
## 74      1147200
## 75      722400
## 76      732000
## 77      1964400
## 78      3348000
## 79      1908000
## 80      5648400
## 81      8971200
## 82      3866400
## 83      4262400
## 84      3333600
## 85      5583600
## 86      6432000
## 87      2607600
## 88      2128800
## 89      8929200
## 90      16938000
## 91      7682400
## 92      8200800
## 93      4968000
## 94      2731200
## 95      2371200
## 96      5254800
## 97      4999200
## 98      1876800
## 99      1164000
## 100     2028000
## 101     1742400
## 102     2806800
## 103     3950400
## 104     3787200
## 105     814800
## 106     1546800
## 107     2355600
## 108     3481200
## 109     2534400
## 110     4912800
## 111     12096000
## 112     5208000
## 113     5656800
## 114     9492000
## 115     6091200
## 116     11719200
## 117     7126800
## 118     4770000
## 119     5026800
```

```
## 120    1999200
## 121    2365200
## 122    3093600
## 123    2913600
## 124    2626800
## 125    2764800
## 126    4312800
## 127    8683200
## 128    4290000
## 129    5869200
## 130    7394400
## 131    1866000
## 132    2534400
## 133    5923200
## 134    2602800
## 135    2019600
## 136    3304800
## 137    1630800
## 138    1603200
## 139    2383200
## 140    1262400
## 141    1290000
## 142    3038400
## 143    2661600
## 144    4766400
## 145    1332000
## 146    1444800
## 147    5014800
## 148    2672400
## 149    1694400
## 150    1687200
## 151    6140400
## 152    3204000
## 153    4753200
## 154    4352400
## 155    1177200
## 156    2336400
## 157    487200
## 158    2552400
## 159    6285600
## 160    4446000
## 161    1660800
## 162    3590400
## 163    4174800
## 164    2725200
## 165    6015600
## 166    6643200
## 167    7401600
## 168    7321200
## 169    8505600
```

```
## 170    6014400
## 171    2563200
## 172    5467200
## 173    8738400
## 174    9471600
## 175    9118800
## 176    4712400
## 177    4104000
## 178    5293200
## 179    4836000
## 180    3722400
## 181    6913200
## 182    4429200
## 183    1234800
## 184    5832000
## 185    2122800
## 186    2626800
## 187    12296400
## 188    6474000
## 189    3036000
## 190    8420400
## 191    2376000
## 192    2971200
## 193    4436400
## 194    2703600
## 195    3978000
## 196    13945200
## 197    6745200
## 198    15373200
## 199    24706800
## 200    10957200
## 201    8016000
## 202    7314000
## 203    12001200
## 204    5887200
## 205    23055600
## 206    24750000
## 207    12349200
## 208    9799200
## 209    6523200
## 210    3312000
## 211    3100800
## 212    13659600
## 213    12115200
## 214    6412800
## 215    3004800
## 216    5680800
## 217    11289600
## 218    7878000
## 219    7646400
```

```
## 220      5500800
## 221      6565200
## 222      14451600
## 223      16642800
## 224      11694000
## 225      11024400
## 226      11634000
## 227      11314800
## 228      16034400
## 229      10980000
## 230      16323600
## 231      11192400
## 232      16244400
## 233      7035600
## 234      8979600
## 235      8354400
## 236      11301600
## 237      12253200
## 238      16785600
## 239      18885600
## 240      69594000
## 241      31657200
## 242      22485600
## 243      9307200
## 244      7735200
## 245      5998800
## 246      7438800
## 247      13887600
## 248      4792800
## 249      11372400
## 250      11636400
## 251      13944000
## 252      8600400
## 253      4628400
## 254      6618000
## 255      3423600
## 256      4048800
## 257      3403200
## 258      5862000
## 259      10884000
## 260      23234400
## 261      9412800
## 262      8641200
## 263      8043600
## 264      8201400
## 265      6581400
## 266      4995600
## 267      3427200
## 268      5463000
## 269      19436400
```

```
## 270 24285000
## 271 35851200
## 272 21655800
## 273 33701400
## 274 39167400
## 275 40265400
## 276 31639800
## 277 36678600
## 278 36318000
## 279 37463400
## 280 58704600
## 281 54465000
## 282 31149600
## 283 24507600
## 284 21877200
## 285 28254600
## 286 52279800
## 287 46883400
## 288 47251800
## 289 58311600
## 290 29493000
## 291 24982200
## 292 19248000
## 293 25358400
## 294 17610000
## 295 13999200
## 296 17826000
## 297 35925000
## 298 47328000
## 299 27974400
## 300 27810600
## 301 28974000
## 302 28830600
## 303 20746800
## 304 19644600
## 305 31774200
## 306 13440600
## 307 12913200
## 308 28065000
## 309 23060400
## 310 18603600
## 311 23433000
## 312 18516000
## 313 28158600
## 314 20140800
## 315 24629400
## 316 19410000
## 317 14617800
## 318 18000600
## 319 19281600
```

```
## 320 15886200
## 321 15136200
## 322 13949400
## 323 14351400
## 324 16390800
## 325 16027200
## 326 39036000
## 327 41000400
## 328 67450800
## 329 47328600
## 330 25471200
## 331 17812200
## 332 21936600
## 333 17896200
## 334 31969800
## 335 23612400
## 336 15060000
## 337 17228400
## 338 39118800
## 339 42457800
## 340 16742400
## 341 23767200
## 342 30305400
## 343 45583800
## 344 51124200
## 345 36598800
## 346 38604600
## 347 38335800
## 348 29430600
## 349 34392000
## 350 34495800
## 351 24496200
## 352 28171800
## 353 42834000
## 354 30384600
## 355 20727000
## 356 21817200
## 357 10685400
## 358 15590400
## 359 16971000
## 360 21405000
## 361 16681200
## 362 19167600
## 363 12618000
## 364 26695200
## 365 13624800
## 366 19516800
## 367 20164200
## 368 19891800
## 369 32932200
```

```
## 370 21182400
## 371 31494000
## 372 18388200
## 373 20383200
## 374 14732400
## 375 18894000
## 376 21843600
## 377 34375800
## 378 16463400
## 379 11974800
## 380 8940600
## 381 11897400
## 382 61141800
## 383 59133600
## 384 38895600
## 385 66912600
## 386 67781400
## 387 81675600
## 388 27522600
## 389 9586800
## 390 29752200
## 391 47154600
## 392 29649000
## 393 21836400
## 394 22257600
## 395 15774000
## 396 25549800
## 397 46506600
## 398 30361800
## 399 25467600
## 400 38751000
## 401 38015400
## 402 101797200
## 403 67635000
## 404 22951800
## 405 33384000
## 406 31760400
## 407 14563800
## 408 5413800
## 409 29898600
## 410 24607800
## 411 32583600
## 412 18298200
## 413 39292200
## 414 62873200
## 415 36176600
## 416 47274600
## 417 66662200
## 418 38923000
## 419 24443200
```

```
## 420 29876400
## 421 20912400
## 422 20132600
## 423 11405400
## 424 30535200
## 425 47048200
## 426 43765800
## 427 27323800
## 428 24534800
## 429 35022600
## 430 23750600
## 431 16396000
## 432 12781000
## 433 13048600
## 434 18791000
## 435 11649600
## 436 8566000
## 437 12598200
## 438 12826000
## 439 13205000
## 440 13793000
## 441 7765400
## 442 7779800
## 443 9668600
## 444 21562600
## 445 26918200
## 446 19212200
## 447 21139200
## 448 24786400
## 449 36689800
## 450 25365400
## 451 19369000
## 452 16603200
## 453 15528800
## 454 17887400
## 455 12176200
## 456 10462600
## 457 16292000
## 458 14117600
## 459 16252200
## 460 9332600
## 461 7020800
## 462 7534400
## 463 7867400
## 464 12300200
## 465 10725200
## 466 6598400
## 467 11216800
## 468 11543800
## 469 16099800
```

```
## 470 24922000
## 471 18888000
## 472 26177400
## 473 22094200
## 474 11573200
## 475 15916800
## 476 14531800
## 477 13166600
## 478 11487800
## 479 6839000
## 480 8569200
## 481 8038800
## 482 9952800
## 483 16498400
## 484 31660200
## 485 28369800
## 486 20005000
## 487 11082000
## 488 12538200
## 489 31716800
## 490 13985000
## 491 17895400
## 492 19473800
## 493 42208400
## 494 17776400
## 495 26186400
## 496 21696400
## 497 27709800
## 498 18284400
## 499 16654000
## 500 14241200
## 501 13941400
## 502 7327400
## 503 11499000
## 504 11266800
## 505 20858200
## 506 12407800
## 507 12619200
## 508 6894000
## 509 8005600
## 510 14253800
## 511 15510200
## 512 21158600
## 513 13573400
## 514 9680200
## 515 20076400
## 516 36906400
## 517 17311600
## 518 19491800
## 519 16901400
```

```
## 520 13844400
## 521 8904200
## 522 12710600
## 523 13886600
## 524 20764600
## 525 18309400
## 526 21707200
## 527 19041400
## 528 7972000
## 529 16227200
## 530 16729400
## 531 16429800
## 532 8355200
## 533 9751800
## 534 16871800
## 535 15648000
## 536 16906200
## 537 14382800
## 538 7208400
## 539 14886200
## 540 9988000
## 541 10624400
## 542 5581800
## 543 10653200
## 544 20453200
## 545 19403600
## 546 22763000
## 547 10297400
## 548 9438400
## 549 17221800
## 550 17134400
## 551 57547200
## 552 30080600
## 553 30627600
## 554 23769800
## 555 25783600
## 556 18748000
## 557 12057000
## 558 16967800
## 559 29139000
## 560 22411400
## 561 37517000
## 562 21218800
## 563 13041400
## 564 23195000
## 565 25655000
## 566 13140800
## 567 10784800
## 568 12753200
## 569 23668800
```

```
## 570 28415400
## 571 18285000
## 572 14281200
## 573 19206000
## 574 25010000
## 575 20941400
## 576 19244200
## 577 12922800
## 578 18494400
## 579 32792400
## 580 21961600
## 581 16838700
## 582 16435900
## 583 9008700
## 584 6976000
## 585 9183200
## 586 12420900
## 587 7747600
## 588 8782800
## 589 7817300
## 590 7058900
## 591 7239500
## 592 5957100
## 593 8232500
## 594 10037500
## 595 14373600
## 596 10972500
## 597 14383100
## 598 15768800
## 599 79374400
## 600 31046200
## 601 10430300
## 602 9757400
## 603 16420100
## 604 15532200
## 605 24609400
## 606 11458700
## 607 6692400
## 608 7231400
## 609 11561800
## 610 12713000
## 611 12186900
## 612 10793800
## 613 7780000
## 614 7735500
## 615 8961000
## 616 7304800
## 617 7180900
## 618 7711500
## 619 12835200
```

```
## 620 35726400
## 621 9688800
## 622 12824100
## 623 13243200
## 624 10772100
## 625 16759200
## 626 11091400
## 627 32339400
## 628 26477100
## 629 11506700
## 630 9293900
## 631 10319600
## 632 6437200
## 633 15238700
## 634 6657400
## 635 5810400
## 636 5760600
## 637 10708400
## 638 18332500
## 639 14483100
## 640 11496000
## 641 18053700
## 642 13465500
## 643 10663600
## 644 9538700
## 645 11151200
## 646 9199200
## 647 6727100
## 648 12867200
## 649 41364600
## 650 14929000
## 651 8653700
## 652 10107900
## 653 10133500
## 654 7004400
## 655 5955900
## 656 10566600
## 657 9509500
## 658 5921000
## 659 12914600
## 660 16523800
## 661 10304300
## 662 5913000
## 663 9256600
## 664 7270700
## 665 16117600
## 666 17487400
## 667 38457400
## 668 18752000
## 669 10505400
```

```
## 670 14757900
## 671 10532700
## 672 10804500
## 673 10448100
## 674 6853600
## 675 5384900
## 676 8245500
## 677 5978000
## 678 11461900
## 679 29170200
## 680 9434100
## 681 6558000
## 682 6784000
## 683 13777900
## 684 10697900
## 685 13404600
## 686 14025900
## 687 43750000
## 688 11023000
## 689 10129000
## 690 19472800
## 691 9580400
## 692 9979600
## 693 8309000
## 694 5169700
## 695 6424500
## 696 4260200
## 697 6129600
## 698 8726400
## 699 5685800
## 700 8441200
## 701 5869300
## 702 4870500
## 703 5057700
## 704 7148500
## 705 5576700
## 706 7980100
## 707 6059500
## 708 7665800
## 709 4178800
## 710 5940700
## 711 8312500
## 712 3713500
## 713 5634300
## 714 4805300
## 715 6082700
## 716 9703100
## 717 5298500
## 718 5813500
## 719 17082900
```

```
## 720 11566400
## 721 5442100
## 722 9746000
## 723 4748600
## 724 5197600
## 725 5886500
## 726 5034000
## 727 5115500
## 728 4865400
## 729 14318000
## 730 4900000
## 731 6032700
## 732 6052300
## 733 4523600
## 734 4706600
## 735 8695500
## 736 10679000
## 737 20074500
## 738 12180900
## 739 10735000
## 740 5373800
## 741 4925300
## 742 6693300
## 743 7150400
## 744 12006400
## 745 11266000
## 746 6833800
## 747 8578500
## 748 7427900
## 749 5424800
## 750 4725200
## 751 4062100
## 752 3950000
## 753 4551800
## 754 8711500
## 755 5580800
## 756 3969600
## 757 4125400
## 758 6432200
## 759 6998600
## 760 4727000
## 761 4610900
## 762 8272800
## 763 5837200
## 764 11666600
## 765 4919500
## 766 3621000
## 767 5613200
## 768 6882000
## 769 7622200
```

```
## 770    8322500
## 771    6813200
## 772    4853100
## 773    3841200
## 774    3040300
## 775    1922300
## 776    3986000
## 777    4788500
## 778    5020500
## 779    3554700
## 780    3070900
## 781    5151500
## 782    6199100
## 783    3573300
## 784    10516100
## 785    51838200
## 786    21076400
## 787    17638200
## 788    14874300
## 789    8986500
## 790    6451900
## 791    1762400
## 792    4213600
## 793    6767100
## 794    3870600
## 795    4240600
## 796    9896500
## 797    11265900
## 798    8597500
## 799    22436100
## 800    6530000
## 801    7958400
## 802    4743700
## 803    6945700
## 804    4712900
## 805    5778200
## 806    27752500
## 807    15547800
## 808    23579300
## 809    12447000
## 810    9478800
## 811    8156400
## 812    4952900
## 813    5144100
## 814    4871100
## 815    4403100
## 816    5050600
## 817    8874400
## 818    6073000
## 819    9116200
```

```
## 820    6217200
## 821    8497200
## 822    9833200
## 823    4974100
## 824    7371100
## 825    4037500
## 826    3508200
## 827    4721300
## 828    4719000
## 829    2708600
## 830    9178500
## 831    4521100
## 832    12919600
## 833    4616300
## 834    3347100
## 835    10168200
## 836    14263200
## 837    7406200
## 838    5088900
## 839    5447100
## 840    3821500
## 841    4085000
## 842    6963500
## 843    6180200
## 844    4445200
## 845    7230800
## 846    9744800
## 847    7425600
## 848    5996200
## 849    5459900
## 850    4260400
## 851    10030900
## 852    5857900
## 853    6517100
## 854    5477700
## 855    5379900
## 856    7841100
## 857    6966300
## 858    8871100
## 859    12727500
## 860    7265500
## 861    7889700
## 862    8032600
## 863    7633400
## 864    7147700
## 865    15140500
## 866    18788700
## 867    10874900
## 868    11621900
## 869    10199600
```

```
## 870 13676600
## 871 28572900
## 872 17825500
## 873 12370700
## 874 12510200
## 875 9919500
## 876 11099200
## 877 6989700
## 878 5962400
## 879 6444600
## 880 5495300
## 881 5835300
## 882 7169600
## 883 5255600
## 884 8377500
## 885 7837900
## 886 5263200
## 887 4134800
## 888 4996000
## 889 6438300
## 890 6197500
## 891 11877100
## 892 7639300
## 893 6411400
## 894 11327500
## 895 11463200
## 896 13123500
## 897 7757400
## 898 8255500
## 899 9969900
## 900 8825800
## 901 10647500
## 902 12969800
## 903 10904200
## 904 7306800
## 905 6281800
## 906 7020800
## 907 8713700
## 908 16035200
## 909 13218500
## 910 22050700
## 911 8851400
## 912 9387000
## 913 9012800
## 914 6598800
## 915 8455600
## 916 9849700
## 917 9203500
## 918 14680400
## 919 10620500
```

```
## 920    8798800
## 921    10444700
## 922    23455200
## 923    11002500
## 924    12756600
## 925    8434200
## 926    6017000
## 927    9166000
## 928    4115800
## 929    6177500
## 930    4398600
## 931    4744300
## 932    13848100
## 933    7066400
## 934    5094600
## 935    7713000
## 936    12273300
## 937    20475800
## 938    9468700
## 939    12101100
## 940    9189800
## 941    19075900
## 942    7567900
## 943    5295200
## 944    7454000
## 945    5295300
## 946    4795400
## 947    8123400
## 948    16384500
## 949    6490600
## 950    6589100
## 951    7552600
## 952    8249200
## 953    5149900
## 954    6229100
## 955    7732600
## 956    14629800
## 957    10996700
## 958    7545600
## 959    23500700
## 960    23191500
## 961    10644100
## 962    4957600
## 963    8856700
## 964    5716500
## 965    3330700
## 966    3124400
## 967    5824900
## 968    6984200
## 969    6774500
```

```
## 970      6294700
## 971      5506600
## 972      6594600
## 973      3754400
## 974      6850600
## 975      5603200
## 976      3386900
## 977      4638400
## 978      3558400
## 979      8803900
## 980      4865700
## 981      5708100
## 982      5424200
## 983      5281100
## 984      23405700
## 985      18860400
## 986      13421800
## 987      11530000
## 988      6310100
## 989      5073500
## 990      19555000
## 991      8742600
## 992      8522100
## 993      11689600
## 994      7082600
## 995      9317100
## 996      5960600
## 997      4446000
## 998      5780300
## 999      5107900
## 1000     7497200
## 1001     5010000
## 1002     6584500
## 1003     5083700
## 1004     7191500
## 1005     4671000
## 1006     5012600
## 1007     3486900
## 1008     6194200
## 1009     6131200
## 1010     7279000
## 1011     6755400
## 1012     5071800
## 1013     7232400
## 1014     7309000
## 1015     8926500
## 1016     5334900
## 1017     6928700
## 1018     9394900
## 1019     8851400
```

```
## 1020 9632000
## 1021 6468600
## 1022 6141000
## 1023 12758100
## 1024 9736100
## 1025 3445200
## 1026 2508300
## 1027 4971000
## 1028 4333700
## 1029 3784400
## 1030 5088300
## 1031 7671600
## 1032 5717100
## 1033 6109500
## 1034 10652300
## 1035 9777400
## 1036 6316700
## 1037 6947000
## 1038 6639500
## 1039 7624400
## 1040 5516700
## 1041 4489000
## 1042 6334500
## 1043 2701100
## 1044 12083200
## 1045 9091200
## 1046 8001000
## 1047 8642700
## 1048 5821800
## 1049 5976500
## 1050 6848300
## 1051 7315800
## 1052 3706200
## 1053 3673100
## 1054 5212800
## 1055 3735700
## 1056 8663900
## 1057 32572900
## 1058 12559700
## 1059 10502500
## 1060 9075900
## 1061 5181000
## 1062 4378900
## 1063 5510600
## 1064 3872500
## 1065 3084900
## 1066 2661800
## 1067 2560200
## 1068 3373400
## 1069 6049000
```

```
## 1070 9187300
## 1071 4831500
## 1072 4807100
## 1073 3358500
## 1074 6227100
## 1075 5360600
## 1076 3614000
## 1077 5138300
## 1078 4126200
## 1079 4000700
## 1080 3779900
## 1081 2618000
## 1082 3229100
## 1083 3803600
## 1084 5851400
## 1085 3641600
## 1086 4857700
## 1087 21073400
## 1088 7131600
## 1089 7122100
## 1090 5833600
## 1091 10573500
## 1092 6270900
## 1093 9436500
## 1094 8630900
## 1095 12866100
## 1096 5102700
## 1097 4863100
## 1098 7839100
## 1099 8275000
## 1100 6967200
## 1101 7994400
## 1102 5677700
## 1103 5323500
## 1104 6217200
## 1105 5900900
## 1106 3934400
## 1107 2766800
## 1108 3083000
## 1109 6665300
## 1110 3629600
## 1111 8601800
## 1112 8299600
## 1113 8944500
## 1114 4353300
## 1115 7007300
## 1116 4231000
## 1117 12226400
## 1118 26692400
## 1119 9267800
```

```
## 1120 6107100
## 1121 5161800
## 1122 10055500
## 1123 7741500
## 1124 5053500
## 1125 3697100
## 1126 6287800
## 1127 5607800
## 1128 9715600
## 1129 9489700
## 1130 4400400
## 1131 3827300
## 1132 6136300
## 1133 29529800
## 1134 20948200
## 1135 13062000
## 1136 10011400
## 1137 7452000
## 1138 8996600
## 1139 4072800
## 1140 50689200
## 1141 34308800
## 1142 48516200
## 1143 20274000
## 1144 8888800
## 1145 9525900
## 1146 14499700
## 1147 23912200
## 1148 12484600
## 1149 7088000
## 1150 8515900
## 1151 14134000
## 1152 8075100
## 1153 7874100
## 1154 10024600
## 1155 8599300
## 1156 7354200
## 1157 7003700
## 1158 7851200
## 1159 13944900
## 1160 6236900
## 1161 18198500
## 1162 10840100
## 1163 10257900
## 1164 6034700
## 1165 6519600
## 1166 10875700
## 1167 12687300
## 1168 12182900
## 1169 6041100
```

```
## 1170 10879600
## 1171 8125900
## 1172 4276800
## 1173 5973300
## 1174 5092300
## 1175 15039900
## 1176 16630700
## 1177 11493500
## 1178 56645900
## 1179 18031600
## 1180 23468600
## 1181 30276500
## 1182 23016000
## 1183 20244900
## 1184 14751800
## 1185 10485300
## 1186 7801400
## 1187 19135800
## 1188 14315700
## 1189 8859400
## 1190 7172400
## 1191 6085600
## 1192 9469700
## 1193 7463400
## 1194 6040800
## 1195 9281500
## 1196 7265400
## 1197 8291900
## 1198 8016100
## 1199 8276200
## 1200 7865400
## 1201 5734700
## 1202 8310500
## 1203 8550600
## 1204 6052400
## 1205 9839200
## 1206 13928200
## 1207 8809700
## 1208 14262700
## 1209 9272300
## 1210 9434800
## 1211 6624700
## 1212 5619100
## 1213 5559400
## 1214 15169300
## 1215 12320700
## 1216 9831800
## 1217 4893700
## 1218 7179300
## 1219 5577900
```

```
## 1220 5185000
## 1221 5116100
## 1222 4925100
## 1223 8146300
## 1224 3122500
## 1225 4767900
## 1226 4771400
## 1227 4534100
## 1228 5731700
## 1229 4500000
## 1230 5277800
## 1231 6459000
## 1232 5256700
## 1233 5957600
## 1234 5379100
## 1235 4753700
## 1236 3681000
## 1237 7756100
## 1238 3876400
## 1239 3727600
## 1240 5290300
## 1241 8076900
## 1242 34459400
## 1243 11730200
## 1244 8135700
## 1245 8415200
## 1246 6420800
## 1247 7701300
## 1248 4819000
## 1249 5161000
## 1250 5352600
## 1251 5543700
## 1252 7888400
## 1253 11002300
## 1254 7572800
## 1255 6700100
## 1256 14659700
## 1257 12898100
## 1258 7815700
## 1259 6446900
## 1260 8460800
## 1261 7763500
## 1262 5075200
## 1263 5648200
## 1264 4250300
## 1265 3953300
## 1266 3614100
## 1267 7432100
## 1268 5081400
## 1269 3716400
```

```
## 1270 6849700
## 1271 4372500
## 1272 5250000
## 1273 5358000
## 1274 11082400
## 1275 5520800
## 1276 7331200
## 1277 4892900
## 1278 7973200
## 1279 9051600
## 1280 7962100
## 1281 7420300
## 1282 8697000
## 1283 5176800
## 1284 5956800
## 1285 15304000
## 1286 8272200
## 1287 6192000
## 1288 6237900
## 1289 13536500
## 1290 8669900
## 1291 7703700
## 1292 3366900
## 1293 5890000
## 1294 7528600
## 1295 6761200
## 1296 7317100
## 1297 7000000
## 1298 6026100
## 1299 10790700
## 1300 7322100
## 1301 6856700
## 1302 6105800
## 1303 9332900
## 1304 11291400
## 1305 19766300
## 1306 9360200
## 1307 5556700
## 1308 7049500
## 1309 5558900
## 1310 3801000
## 1311 6066800
## 1312 4178600
## 1313 3857300
## 1314 4701900
## 1315 5555700
## 1316 5470800
## 1317 4777900
## 1318 3503300
## 1319 5234400
```

```
## 1320 6935200
## 1321 5046600
## 1322 3652100
## 1323 4277100
## 1324 7701300
## 1325 7284200
## 1326 6854100
## 1327 5038800
## 1328 6409600
## 1329 3578900
## 1330 4985500
## 1331 6791800
## 1332 3439700
## 1333 4680200
## 1334 4430400
## 1335 5320200
## 1336 4995300
## 1337 8822500
## 1338 11248800
## 1339 6663200
## 1340 7065100
## 1341 3654900
## 1342 2962500
## 1343 8621200
## 1344 8391000
## 1345 4841100
## 1346 12605600
## 1347 7404500
## 1348 7072900
## 1349 9339000
## 1350 11635000
## 1351 7033700
## 1352 9239900
## 1353 9217300
## 1354 8223600
## 1355 6354100
## 1356 7649400
## 1357 5748100
## 1358 6098000
## 1359 6083500
## 1360 10528600
## 1361 9628500
## 1362 9872400
## 1363 14009200
## 1364 8742100
## 1365 14180900
## 1366 6568300
## 1367 6757700
## 1368 8645700
## 1369 6648100
```

```
## 1370 12929900
## 1371 15900000
## 1372 8799800
## 1373 7242000
## 1374 6888800
## 1375 6822600
## 1376 5549400
## 1377 12963500
## 1378 7942400
## 1379 7973400
## 1380 6419700
## 1381 7032100
## 1382 5749600
## 1383 10462200
## 1384 18206200
## 1385 13177300
## 1386 12258400
## 1387 25333500
## 1388 12258900
## 1389 13294400
## 1390 11288500
## 1391 11686600
## 1392 10091100
## 1393 6405800
## 1394 5666000
## 1395 2577300
## 1396 11152500
## 1397 5901100
## 1398 7878900
## 1399 10642600
## 1400 9393500
## 1401 7454700
## 1402 7093700
## 1403 6387300
## 1404 5977500
## 1405 3859200
## 1406 4940700
## 1407 3419500
## 1408 3992800
## 1409 5814400
## 1410 4935300
## 1411 4424500
## 1412 2348600
## 1413 14199300
## 1414 21972800
## 1415 8284700
## 1416 5537000
## 1417 6484000
## 1418 8757000
## 1419 7698100
```

```
## 1420 9568200
## 1421 6981500
## 1422 6154800
## 1423 7579300
## 1424 7121300
## 1425 7048800
## 1426 6989400
## 1427 7911600
## 1428 5786200
## 1429 6293100
## 1430 6683600
## 1431 10998000
## 1432 21681800
## 1433 8207000
## 1434 7968400
## 1435 7056900
## 1436 5965700
## 1437 6262500
## 1438 5195500
## 1439 4817600
## 1440 5343100
## 1441 4037700
## 1442 6942900
## 1443 8096500
## 1444 6679000
## 1445 5433900
## 1446 11576800
## 1447 6625300
## 1448 7899900
## 1449 5470800
## 1450 4169800
## 1451 7207800
## 1452 6936600
## 1453 5624000
## 1454 4121300
## 1455 5076300
## 1456 4687100
## 1457 4480300
## 1458 5434300
## 1459 5160400
## 1460 5427400
## 1461 5848400
## 1462 4406000
## 1463 4034100
## 1464 5573100
## 1465 11208900
## 1466 8907800
## 1467 15124900
## 1468 8749800
## 1469 8481000
```

```
## 1470 9376200
## 1471 10657700
## 1472 10340500
## 1473 7213200
## 1474 7375700
## 1475 10642100
## 1476 6437000
## 1477 9214800
## 1478 9774000
## 1479 6623000
## 1480 7324400
## 1481 6072800
## 1482 7230400
## 1483 5403600
## 1484 11958900
## 1485 9311200
## 1486 6899000
## 1487 10417100
## 1488 6341400
## 1489 9294500
## 1490 6789900
## 1491 7132300
## 1492 6868600
## 1493 8850100
## 1494 17603300
## 1495 39972400
## 1496 15801000
## 1497 10526400
## 1498 9450000
## 1499 7689200
## 1500 9884400
## 1501 11136300
## 1502 13962400
## 1503 10351800
## 1504 8513500
## 1505 5981700
## 1506 7246900
## 1507 15844500
## 1508 7993200
## 1509 5192300
## 1510 7644100
## 1511 9763500
## 1512 8066200
## 1513 5200300
## 1514 8489900
## 1515 7063200
## 1516 12225400
## 1517 9053100
## 1518 9341600
## 1519 10190300
```

```
## 1520 9552700
## 1521 10095900
## 1522 9333400
## 1523 7193700
## 1524 11380900
## 1525 8438400
## 1526 9663600
## 1527 7746400
## 1528 7032500
## 1529 6011800
## 1530 7127900
## 1531 8249900
## 1532 11206800
## 1533 5988100
## 1534 7012500
## 1535 8407300
## 1536 8177200
## 1537 6659000
## 1538 10292400
## 1539 6756500
## 1540 5143900
## 1541 7242800
## 1542 6086100
## 1543 3846000
## 1544 6697300
## 1545 12145400
## 1546 7832200
## 1547 8825600
## 1548 11559900
## 1549 8690300
## 1550 5851500
## 1551 5625600
## 1552 7642000
## 1553 13402900
## 1554 9825700
## 1555 15896800
## 1556 32178100
## 1557 23828000
## 1558 10647600
## 1559 7453200
## 1560 7825500
## 1561 7166300
## 1562 8970700
## 1563 8805200
## 1564 7054400
## 1565 6816200
## 1566 9192600
## 1567 6395500
## 1568 4810900
## 1569 5239100
```

```
## 1570 6128500
## 1571 7154500
## 1572 4850300
## 1573 2486500
## 1574 11174200
## 1575 10489300
## 1576 6724700
## 1577 11592500
## 1578 10473300
## 1579 7103500
## 1580 6542400
## 1581 4539400
## 1582 6987500
## 1583 6158400
## 1584 9459400
## 1585 10697900
## 1586 10255000
## 1587 8102900
## 1588 7408200
## 1589 8100800
## 1590 8002900
## 1591 11613100
## 1592 6750100
## 1593 4427000
## 1594 7755200
## 1595 7334100
## 1596 9038500
## 1597 6249500
## 1598 9240000
## 1599 20295900
## 1600 15330200
## 1601 11033300
## 1602 13438500
## 1603 9039300
## 1604 9264600
## 1605 12563800
## 1606 8219900
## 1607 14175600
## 1608 7773100
## 1609 20299900
## 1610 13558000
## 1611 21606900
## 1612 11435400
## 1613 8329000
## 1614 9986600
## 1615 10228900
## 1616 10211100
## 1617 11932900
## 1618 11086100
## 1619 17114900
```

```
## 1620 32701900
## 1621 14611700
## 1622 10438200
## 1623 6391900
## 1624 9230900
## 1625 8776500
## 1626 9825400
## 1627 7726700
## 1628 9131100
## 1629 7009500
## 1630 5307400
## 1631 8791800
## 1632 8500400
## 1633 9120500
## 1634 10920100
## 1635 9259300
## 1636 7073000
## 1637 8365300
## 1638 12996900
## 1639 12600200
## 1640 14079000
## 1641 12337600
## 1642 9193400
## 1643 10631500
## 1644 13771300
## 1645 8907700
## 1646 3983000
## 1647 11522800
## 1648 6237900
## 1649 11570800
## 1650 10216200
## 1651 7501500
## 1652 8376400
## 1653 10460500
## 1654 9254600
## 1655 9405500
## 1656 6190600
## 1657 9676800
## 1658 10549800
## 1659 13856800
## 1660 10750700
## 1661 8045900
## 1662 7799700
## 1663 11004000
## 1664 5659800
## 1665 7078400
## 1666 8056900
## 1667 5152400
## 1668 5307200
## 1669 6639900
```

```
## 1670 11284100
## 1671 5985500
## 1672 9242700
## 1673 10320300
## 1674 12779200
## 1675 9450900
## 1676 14522300
## 1677 11134100
## 1678 12217300
## 1679 9114200
## 1680 7748400
## 1681 6783600
## 1682 10672200
## 1683 6039000
## 1684 5566000
## 1685 12964100
## 1686 21581300
## 1687 22485100
## 1688 11404500
## 1689 11588900
## 1690 27071400
## 1691 21600700
## 1692 13189500
## 1693 6508100
## 1694 6146100
## 1695 4949000
## 1696 7881700
## 1697 6757200
## 1698 5431700
## 1699 11038200
## 1700 7953500
## 1701 7442500
## 1702 7475300
## 1703 9341900
## 1704 11095300
## 1705 7152800
## 1706 5960300
## 1707 7163600
## 1708 4959500
## 1709 6966600
## 1710 9601600
## 1711 7380100
## 1712 6426500
## 1713 6608500
## 1714 6593100
## 1715 6932700
## 1716 7042600
## 1717 6223800
## 1718 6612200
## 1719 6218200
```

```
## 1720 5107300
## 1721 5724300
## 1722 5754900
## 1723 8975100
## 1724 11225700
## 1725 7875900
## 1726 7112700
## 1727 5740400
## 1728 5561000
## 1729 5452900
## 1730 4674900
## 1731 6508500
## 1732 8148100
## 1733 5939100
## 1734 5916300
## 1735 4550600
## 1736 8879700
## 1737 4345900
## 1738 5724400
## 1739 6144100
## 1740 5603500
## 1741 8393500
## 1742 5352500
## 1743 9376100
## 1744 6054200
## 1745 15798200
## 1746 14599400
## 1747 7314200
## 1748 8983700
## 1749 6127600
## 1750 9035700
## 1751 9841300
## 1752 6923400
## 1753 7288900
## 1754 4890500
## 1755 7818400
## 1756 9292600
## 1757 10209000
## 1758 7595600
## 1759 7486200
## 1760 8261200
## 1761 5126600
## 1762 6625700
## 1763 5602000
## 1764 7379400
## 1765 5926300
## 1766 5272900
## 1767 5073900
## 1768 7222000
## 1769 7397600
```

```
## 1770 14175200
## 1771 10629100
## 1772 12940300
## 1773 12473500
## 1774 8341400
## 1775 12585600
## 1776 7688000
## 1777 5994700
## 1778 6579400
## 1779 7209000
## 1780 5180900
## 1781 6912500
## 1782 4097600
## 1783 5875500
## 1784 4416700
## 1785 4490300
## 1786 8120500
## 1787 7594700
## 1788 6760100
## 1789 6998100
## 1790 11503900
## 1791 8589400
## 1792 6899100
## 1793 7211900
## 1794 4862400
## 1795 6156900
## 1796 6515600
## 1797 10033900
## 1798 8033500
## 1799 7066900
## 1800 4908800
## 1801 5065600
## 1802 5244100
## 1803 9286900
## 1804 9847100
## 1805 7626300
## 1806 9336500
## 1807 16391000
## 1808 35927200
## 1809 13972400
## 1810 10534900
## 1811 10183600
## 1812 8200000
## 1813 6031500
## 1814 5912200
## 1815 7785600
## 1816 9765600
## 1817 8402400
## 1818 11513100
## 1819 9167200
```

```
## 1820 10070400
## 1821 9448100
## 1822 9118100
## 1823 4981100
## 1824 8164300
## 1825 11163000
## 1826 9549800
## 1827 12696100
## 1828 6790800
## 1829 5532600
## 1830 7640400
## 1831 7254800
## 1832 6971700
## 1833 4240400
## 1834 7711500
## 1835 6143200
## 1836 5252500
## 1837 5722300
## 1838 5228900
## 1839 5833000
## 1840 6611300
## 1841 6956700
## 1842 4634500
## 1843 8065200
## 1844 15872100
## 1845 11135800
## 1846 11596600
## 1847 7884200
## 1848 9222400
## 1849 6695500
## 1850 12216800
## 1851 7411000
## 1852 6205700
## 1853 8397400
## 1854 11902900
## 1855 9918800
## 1856 9413300
## 1857 11268900
## 1858 8792600
## 1859 5134000
## 1860 5128100
## 1861 9394400
## 1862 8546200
## 1863 7928300
## 1864 6421000
## 1865 9220200
## 1866 9026200
## 1867 8205600
## 1868 8093200
## 1869 8802600
```

```
## 1870 6798500
## 1871 19217100
## 1872 33544300
## 1873 10531800
## 1874 9742500
## 1875 9060700
## 1876 7220600
## 1877 6491600
## 1878 6181300
## 1879 11332500
## 1880 10208200
## 1881 7600300
## 1882 7399100
## 1883 6886500
## 1884 6479900
## 1885 10655200
## 1886 6835000
## 1887 11596000
## 1888 10366200
## 1889 6401300
## 1890 6843600
## 1891 6806800
## 1892 11427500
## 1893 8868600
## 1894 7405600
## 1895 5940900
## 1896 2337700
## 1897 9874100
## 1898 7028600
## 1899 7756000
## 1900 6600900
## 1901 8247700
## 1902 6088000
## 1903 7093400
## 1904 6421700
## 1905 7446700
## 1906 5510700
## 1907 6052100
## 1908 5251500
## 1909 6674200
## 1910 5414900
## 1911 5486000
## 1912 7215700
## 1913 5229400
## 1914 5276300
## 1915 3206800
## 1916 22289200
## 1917 25237800
## 1918 11759200
## 1919 6965900
```

```
## 1920 4790700
## 1921 10446500
## 1922 19418500
## 1923 8354200
## 1924 8700900
## 1925 9836600
## 1926 7347900
## 1927 7920300
## 1928 8072300
## 1929 17393600
## 1930 12533000
## 1931 7131600
## 1932 7396700
## 1933 12830600
## 1934 10602700
## 1935 9695900
## 1936 9027900
## 1937 7714900
## 1938 8038400
## 1939 6152400
## 1940 6320300
## 1941 6761500
## 1942 26323600
## 1943 60518600
## 1944 17304700
## 1945 7112400
## 1946 9602500
## 1947 7938800
## 1948 7982400
## 1949 7841700
## 1950 6983100
## 1951 5177700
## 1952 5229800
## 1953 5298100
## 1954 4529700
## 1955 6855700
## 1956 10500400
## 1957 8389200
## 1958 5882300
## 1959 8422900
## 1960 5819000
## 1961 4871700
## 1962 5025600
## 1963 5545700
## 1964 3585900
## 1965 4792900
## 1966 7412300
## 1967 5872300
## 1968 8010300
## 1969 5433500
```

```
## 1970 5070600
## 1971 5370000
## 1972 4858000
## 1973 5294700
## 1974 6084400
## 1975 5490700
## 1976 6323700
## 1977 5337300
## 1978 4326600
## 1979 6137300
## 1980 5349800
## 1981 3554300
## 1982 5018400
## 1983 7342200
## 1984 4933000
## 1985 5276100
## 1986 3807300
## 1987 3013000
## 1988 3253100
## 1989 6197200
## 1990 4125100
## 1991 4178400
## 1992 5985000
## 1993 6917000
## 1994 6619400
## 1995 9215500
## 1996 7694700
## 1997 6392000
## 1998 4245400
## 1999 13969300
## 2000 29312900
## 2001 14472800
## 2002 10523500
## 2003 9098000
## 2004 6777900
## 2005 7756600
## 2006 4616900
## 2007 6713500
## 2008 4431600
## 2009 5475000
## 2010 6048000
## 2011 6005000
## 2012 3991800
## 2013 4280700
## 2014 3315700
## 2015 9557500
## 2016 5343500
## 2017 5042800
## 2018 5701400
## 2019 5914600
```

```
## 2020 3872900
## 2021 4787100
## 2022 3287100
## 2023 4930200
## 2024 10320200
## 2025 4768300
## 2026 4835900
## 2027 3881500
## 2028 4884800
## 2029 5314100
## 2030 3872500
## 2031 3467500
## 2032 3912000
## 2033 3634400
## 2034 5151800
## 2035 4205500
## 2036 4826100
## 2037 5097300
## 2038 4457100
## 2039 2507300
## 2040 5302200
## 2041 3675500
## 2042 4556300
## 2043 7034300
## 2044 4813300
## 2045 5715700
## 2046 2932700
## 2047 7383800
## 2048 4397200
## 2049 4242900
## 2050 4257000
## 2051 5166000
## 2052 5877200
## 2053 3201800
## 2054 5863300
## 2055 5209000
## 2056 2973300
## 2057 5840600
## 2058 6368400
## 2059 11055600
## 2060 5871100
## 2061 5470000
## 2062 14782300
## 2063 46075600
## 2064 25141500
## 2065 10491800
## 2066 7127200
## 2067 10836400
## 2068 4832500
## 2069 4977200
```

```
## 2070 4951500
## 2071 4454900
## 2072 4591200
## 2073 9921200
## 2074 5842200
## 2075 6474100
## 2076 5525100
## 2077 3625100
## 2078 3050400
## 2079 3604300
## 2080 3323900
## 2081 5374100
## 2082 3517700
## 2083 5871900
## 2084 3092200
## 2085 2860700
## 2086 3653900
## 2087 3874200
## 2088 3369200
## 2089 4429000
## 2090 4027100
## 2091 7939800
## 2092 6141500
## 2093 3884200
## 2094 3288700
## 2095 8779400
## 2096 4505200
## 2097 6318000
## 2098 4587900
## 2099 4111700
## 2100 3440300
## 2101 3472000
## 2102 5313800
## 2103 5838000
## 2104 3145400
## 2105 5616400
## 2106 4173500
## 2107 3239700
## 2108 6392800
## 2109 6056000
## 2110 5829200
## 2111 6521500
## 2112 6452700
## 2113 6192900
## 2114 3392500
## 2115 3680300
## 2116 5301800
## 2117 5704200
## 2118 3832800
## 2119 4577600
```

```
## 2120 5225000
## 2121 4457700
## 2122 6528500
## 2123 5929200
## 2124 4624800
## 2125 5475900
## 2126 11438700
## 2127 30104700
## 2128 8770300
## 2129 6159200
## 2130 6780600
## 2131 5383000
## 2132 4861800
## 2133 7000000
## 2134 4445400
## 2135 3386100
## 2136 4950800
## 2137 3471600
## 2138 5585500
## 2139 3982200
## 2140 3103100
## 2141 21277900
## 2142 7967000
## 2143 11687600
## 2144 59332800
## 2145 17869900
## 2146 12990700
## 2147 7483200
## 2148 2695800
## 2149 10670900
## 2150 10384400
## 2151 7925600
## 2152 7866700
## 2153 6451600
## 2154 5250900
## 2155 9581400
## 2156 6796800
## 2157 7144000
## 2158 4709000
## 2159 3424300
## 2160 5812800
## 2161 4965900
## 2162 5820500
## 2163 5626500
## 2164 8308700
## 2165 5535200
## 2166 7322500
## 2167 4421800
## 2168 3206500
## 2169 5818700
```

```
## 2170 4531800
## 2171 3171100
## 2172 5401100
## 2173 7582200
## 2174 7440900
## 2175 5417200
## 2176 6152900
## 2177 8943100
## 2178 9686100
## 2179 8497200
## 2180 5818300
## 2181 4432200
## 2182 5631000
## 2183 8743300
## 2184 5156900
## 2185 8307400
## 2186 5752800
## 2187 4342400
## 2188 4287100
## 2189 4889500
## 2190 4174000
## 2191 4099800
## 2192 4056000
## 2193 7501400
## 2194 23709300
## 2195 33531300
## 2196 8503200
## 2197 7403600
## 2198 7543700
## 2199 6932800
## 2200 5011800
## 2201 4750400
## 2202 4514200
## 2203 6902700
## 2204 5638000
## 2205 4581800
## 2206 5056100
## 2207 7356900
## 2208 9287500
## 2209 3720000
## 2210 4449100
## 2211 9150900
## 2212 6981500
## 2213 11583700
## 2214 6044900
## 2215 4258300
## 2216 4722300
## 2217 6236600
## 2218 7200100
## 2219 4972700
```

```
## 2220 3278100
## 2221 4185200
## 2222 2801500
## 2223 4822800
## 2224 6886200
## 2225 6170800
## 2226 6671600
## 2227 4300800
## 2228 4035900
## 2229 3682000
## 2230 3708500
## 2231 5727200
## 2232 7199200
## 2233 4049200
## 2234 2659000
## 2235 5054000
## 2236 3717800
## 2237 5559500
## 2238 9294600
## 2239 5704500
## 2240 4747500
## 2241 6605600
## 2242 2855800
## 2243 3715200
## 2244 4442200
## 2245 4595700
## 2246 4280500
## 2247 5387600
## 2248 4423500
## 2249 3087600
## 2250 12790500
## 2251 11071500
## 2252 5932500
## 2253 3492500
## 2254 7072700
## 2255 5857000
## 2256 7585900
## 2257 5997900
## 2258 5740900
## 2259 4236800
## 2260 5484700
## 2261 3300300
## 2262 7696000
## 2263 4873600
## 2264 4305000
## 2265 5221600
## 2266 6704100
## 2267 12027200
## 2268 9817200
## 2269 11122900
```

```
## 2270 8822700
## 2271 9542100
## 2272 5845700
## 2273 4524300
## 2274 5920800
## 2275 5196600
## 2276 5932000
## 2277 5442900
## 2278 5049400
## 2279 4276600
## 2280 5303800
## 2281 8311000
## 2282 5232600
## 2283 4195800
## 2284 5403000
## 2285 4869100
## 2286 6206100
## 2287 5135100
## 2288 4211600
## 2289 4465500
## 2290 7865300
## 2291 4732000
## 2292 3923400
## 2293 3605800
## 2294 5641000
## 2295 3751700
## 2296 6372500
## 2297 5191200
## 2298 1436300
## 2299 5734000
## 2300 4372700
## 2301 5004100
## 2302 3876700
## 2303 6088600
## 2304 4894700
## 2305 6455500
## 2306 8094800
## 2307 7197300
## 2308 5215000
## 2309 8866300
## 2310 5836200
## 2311 7136600
## 2312 7385400
## 2313 17230000
## 2314 76985200
## 2315 26393800
## 2316 12422000
## 2317 8038200
## 2318 13128800
## 2319 7810400
```

```
## 2320 6941100
## 2321 10252400
## 2322 5476400
## 2323 7260200
## 2324 6911200
## 2325 6405600
## 2326 5115900
## 2327 5128000
## 2328 8201600
## 2329 7636600
## 2330 9496300
## 2331 5998600
## 2332 5334900
## 2333 4587100
## 2334 4726400
## 2335 4516900
## 2336 3542600
## 2337 6067400
## 2338 7398100
## 2339 11303300
## 2340 5947000
## 2341 6563200
## 2342 7467700
## 2343 9114100
## 2344 8901700
## 2345 5227200
## 2346 7403800
## 2347 6527400
## 2348 4370400
## 2349 3705700
## 2350 10273700
## 2351 5123100
## 2352 8572000
## 2353 8548900
## 2354 15553700
## 2355 7249000
## 2356 6619600
## 2357 6601100
## 2358 5469800
## 2359 7499400
## 2360 5227200
## 2361 6815000
## 2362 8034000
## 2363 7064800
## 2364 8455900
## 2365 4219200
## 2366 5289200
## 2367 6333400
## 2368 6728500
## 2369 5989700
```

```
## 2370 4067300
## 2371 6769400
## 2372 6635700
## 2373 5349300
## 2374 4037600
## 2375 5839400
## 2376 8059300
## 2377 23155300
## 2378 46522500
## 2379 17073300
## 2380 9953400
## 2381 6882400
## 2382 6210400
## 2383 6668900
## 2384 5447300
## 2385 5124100
## 2386 4540900
## 2387 7745100
## 2388 8159900
## 2389 5807100
## 2390 4495100
## 2391 6944300
## 2392 10951300
## 2393 13556700
## 2394 11000800
## 2395 6530200
## 2396 5796400
## 2397 6984400
## 2398 4535600
## 2399 2241300
## 2400 8972800
## 2401 7099300
## 2402 7854600
## 2403 6346300
## 2404 8306100
## 2405 9720700
## 2406 5737700
## 2407 5776900
## 2408 6621500
## 2409 5139700
## 2410 4848600
## 2411 5083200
## 2412 4677800
## 2413 6296100
## 2414 8153500
## 2415 6486700
## 2416 7520000
## 2417 7784300
## 2418 6550200
## 2419 5585100
```

```
## 2420 4473600
## 2421 3536500
## 2422 4545500
## 2423 4197000
## 2424 12405100
## 2425 6318400
## 2426 6619700
## 2427 6783000
## 2428 5703000
## 2429 6527500
## 2430 6465600
## 2431 4466400
## 2432 5643700
## 2433 5026800
## 2434 9105000
## 2435 6095900
## 2436 8317000
## 2437 5313600
## 2438 5271700
## 2439 6747600
## 2440 4139300
## 2441 7395000
## 2442 4813500
## 2443 7277500
## 2444 26123100
## 2445 25850700
## 2446 6110900
## 2447 8612700
## 2448 10503200
## 2449 5483600
## 2450 5960100
## 2451 3835700
## 2452 4505500
## 2453 6814100
## 2454 5088200
## 2455 4679000
## 2456 8903400
## 2457 4508400
## 2458 4926100
## 2459 5497400
## 2460 4035200
## 2461 8850700
## 2462 7687400
## 2463 9255800
## 2464 7787800
## 2465 9565600
## 2466 12848200
## 2467 8644600
## 2468 7629300
## 2469 6200100
```

```
## 2470 4879000
## 2471 5204100
## 2472 8591100
## 2473 7265700
## 2474 6865500
## 2475 4226600
## 2476 3801300
## 2477 4996400
## 2478 5331500
## 2479 2941500
## 2480 3521100
## 2481 3993600
## 2482 6202200
## 2483 6405200
## 2484 5996900
## 2485 7091300
## 2486 5968200
## 2487 4064700
## 2488 3288400
## 2489 4182700
## 2490 3421800
## 2491 5078400
## 2492 4754500
## 2493 3610000
## 2494 13444000
## 2495 7398900
## 2496 4996400
## 2497 4809700
## 2498 5980500
## 2499 7088600
## 2500 19887600
## 2501 104329200
## 2502 62179500
## 2503 50733400
## 2504 23979200
## 2505 18519000
## 2506 14427200
## 2507 13482000
## 2508 14299300
## 2509 14808300
## 2510 13551100
## 2511 8874900
## 2512 10052000
## 2513 7919100
## 2514 7760400
## 2515 8702100
## 2516 14485400
## 2517 11870900
## 2518 9799200
## 2519 36468800
```

```
## 2520 17211300
## 2521 42582500
## 2522 23824600
## 2523 9987200
## 2524 11730800
## 2525 10576100
## 2526 9310200
## 2527 7014500
## 2528 11380500
## 2529 30442500
## 2530 15591000
## 2531 24138200
## 2532 10204500
## 2533 11159100
## 2534 11829500
## 2535 11917900
## 2536 8245300
## 2537 9833200
## 2538 7813600
## 2539 11871000
## 2540 9172600
## 2541 7609700
## 2542 8382600
## 2543 7593500
## 2544 11247800
## 2545 8242900
## 2546 9782200
## 2547 5316600
## 2548 4906100
## 2549 2223500
## 2550 4487900
## 2551 4615300
## 2552 14816900
## 2553 8885400
## 2554 6593600
## 2555 11451600
## 2556 12502000
## 2557 8334900
## 2558 6084400
## 2559 6289700
## 2560 5273500
## 2561 9130700
## 2562 9267800
## 2563 25342300
## 2564 60452400
## 2565 23267100
## 2566 13942600
## 2567 12855600
## 2568 14104500
## 2569 16918000
```

```
## 2570 10361600
## 2571 7987500
## 2572 9002900
## 2573 8059300
## 2574 8244800
## 2575 8348400
## 2576 9067600
## 2577 6068600
## 2578 5946200
## 2579 6375900
## 2580 10787300
## 2581 7240600
## 2582 5916100
## 2583 8429100
## 2584 6848100
## 2585 5665000
## 2586 5665700
## 2587 6951300
## 2588 5767000
## 2589 5076800
## 2590 4628800
## 2591 6157400
## 2592 8266000
## 2593 9062200
## 2594 8826900
## 2595 8231200
## 2596 5366900
## 2597 6859800
## 2598 9030300
## 2599 5983500
## 2600 3954700
## 2601 4484500
## 2602 8924400
## 2603 6458700
## 2604 5780800
## 2605 6524500
## 2606 5321800
## 2607 5800300
## 2608 5770300
## 2609 2812700
## 2610 4813700
## 2611 5397400
## 2612 4867200
## 2613 5052200
## 2614 3318300
## 2615 5523500
## 2616 7428400
## 2617 7144600
## 2618 5567800
## 2619 9822400
```

```
## 2620 8359900
## 2621 5608800
## 2622 8511500
## 2623 7678700
## 2624 5329500
## 2625 9126200
## 2626 9868400
## 2627 41761800
## 2628 41617400
## 2629 11630900
## 2630 8826200
## 2631 7097200
## 2632 5405400
## 2633 7044800
## 2634 8265700
## 2635 10230500
## 2636 7453100
## 2637 7934000
## 2638 8397800
## 2639 11803200
## 2640 11620200
## 2641 9396900
## 2642 9496300
## 2643 8427400
## 2644 7831500
## 2645 7114100
## 2646 8649800
## 2647 11610000
## 2648 6678300
## 2649 2780900
## 2650 8610500
## 2651 8634200
## 2652 11403400
## 2653 6977100
## 2654 6881600
## 2655 6000500
## 2656 7337900
## 2657 6608600
## 2658 5472700
## 2659 3934800
## 2660 5180600
## 2661 10269600
## 2662 7228100
## 2663 6046300
## 2664 6002300
## 2665 7697700
## 2666 7266100
## 2667 7616200
## 2668 5879800
## 2669 6604900
```

```
## 2670 2017100
## 2671 5442200
## 2672 7113700
## 2673 7587900
## 2674 5755200
## 2675 13858700
## 2676 9122500
## 2677 10270000
## 2678 9981600
## 2679 12283300
## 2680 16410900
## 2681 11609900
## 2682 10624300
## 2683 9056100
## 2684 9655900
## 2685 12407000
## 2686 9900900
## 2687 13364300
## 2688 12822200
## 2689 20405700
## 2690 9886600
## 2691 10027600
## 2692 8505300
## 2693 9958000
## 2694 25298700
## 2695 42885900
## 2696 16361000
## 2697 9155200
## 2698 9633900
## 2699 12399500
## 2700 14501700
## 2701 11700400
## 2702 7763700
## 2703 9449000
## 2704 11070300
## 2705 7497200
## 2706 11120100
## 2707 7109200
## 2708 6450700
## 2709 13150800
## 2710 12342700
## 2711 7858200
## 2712 9891300
## 2713 8930500
## 2714 13167800
## 2715 11664600
## 2716 13721100
## 2717 16703600
## 2718 11126400
## 2719 8343300
```

```
## 2720 10438100
## 2721 9321000
## 2722 9742900
## 2723 7748800
## 2724 10707500
## 2725 12420700
## 2726 9709100
## 2727 9550700
## 2728 11041900
## 2729 11410700
## 2730 9395400
## 2731 6327500
## 2732 6285100
## 2733 7942400
## 2734 5279100
## 2735 5470300
## 2736 9734000
## 2737 8592400
## 2738 8149900
## 2739 7152800
## 2740 6672400
## 2741 4966000
## 2742 6660300
## 2743 6255500
## 2744 6785600
## 2745 4354500
## 2746 6813100
## 2747 6746800
## 2748 6220000
## 2749 16791300
## 2750 9335400
## 2751 7245000
## 2752 19250400
## 2753 21073500
## 2754 9456500
## 2755 10991900
## 2756 6726400
## 2757 7875700
## 2758 7197000
## 2759 8154900
## 2760 5647400
## 2761 6545700
## 2762 8376600
## 2763 8131300
## 2764 4243500
## 2765 7215400
## 2766 5020800
## 2767 4589200
## 2768 6917700
## 2769 6206700
```

```
## 2770 18684800
## 2771 7912200
## 2772 7070500
## 2773 5390600
## 2774 6331900
## 2775 10108200
## 2776 6700600
## 2777 6857600
## 2778 5270600
## 2779 6215200
## 2780 5870000
## 2781 6458300
## 2782 8938700
## 2783 7843700
## 2784 6537300
## 2785 6065600
## 2786 5874500
## 2787 6204400
## 2788 5974500
## 2789 5754400
## 2790 8802400
## 2791 6846600
## 2792 6717300
## 2793 6588900
## 2794 7425800
## 2795 7140100
## 2796 7393300
## 2797 11310100
## 2798 11840500
## 2799 7104100
## 2800 10292500
## 2801 7044400
## 2802 4248200
## 2803 7355500
## 2804 7916000
## 2805 6912100
## 2806 9941600
## 2807 7930000
## 2808 9021300
## 2809 11342100
## 2810 12038900
## 2811 9597400
## 2812 8298000
## 2813 6896900
## 2814 8795800
## 2815 17916200
## 2816 30996600
## 2817 9150700
## 2818 10480200
## 2819 6770900
```

```
## 2820 7567300
## 2821 5300700
## 2822 4774500
## 2823 4498200
## 2824 7794600
## 2825 6406100
## 2826 5444800
## 2827 9162700
## 2828 25070200
## 2829 8026500
## 2830 7208800
## 2831 6901700
## 2832 6871600
## 2833 6547400
## 2834 6630400
## 2835 5950600
## 2836 6157800
## 2837 4677800
## 2838 4356400
## 2839 4374200
## 2840 5627300
## 2841 7834100
## 2842 4728700
## 2843 6000800
## 2844 5742600
## 2845 8316500
## 2846 8069100
## 2847 9490600
## 2848 5821800
## 2849 9444700
## 2850 7813600
## 2851 6480100
## 2852 8980800
## 2853 13092200
## 2854 13165600
## 2855 12397200
## 2856 14772200
## 2857 7037700
## 2858 8594200
## 2859 9372400
## 2860 6073000
## 2861 6747100
## 2862 12004300
## 2863 13046900
## 2864 9622200
## 2865 8726100
## 2866 11228100
## 2867 13385500
## 2868 12756000
## 2869 14324500
```

```
## 2870 13930900
## 2871 18021700
## 2872 11194800
## 2873 17306600
## 2874 16257600
## 2875 22081100
## 2876 12946400
## 2877 8452100
## 2878 8669600
## 2879 19513200
## 2880 32601900
## 2881 19605900
## 2882 11759200
## 2883 14834700
## 2884 15196300
## 2885 11125700
## 2886 8534600
## 2887 7170100
## 2888 7663800
## 2889 11498400
## 2890 15487800
## 2891 7439600
## 2892 8964900
## 2893 9939200
## 2894 14768600
## 2895 16935300
## 2896 11949700
## 2897 10711800
## 2898 15049200
## 2899 12521100
## 2900 18423900
## 2901 15042700
## 2902 14549700
## 2903 13015000
## 2904 13439700
## 2905 3481000
## 2906 11178900
## 2907 8713700
## 2908 15675600
## 2909 19782300
## 2910 14608800
## 2911 10940700
## 2912 13314800
## 2913 7753800
## 2914 7583600
## 2915 8664800
## 2916 7285400
## 2917 8862900
## 2918 9183100
## 2919 7518100
```

```
## 2920 10963200
## 2921 8925000
## 2922 5845400
## 2923 1645500
## 2924 6847300
## 2925 6507900
## 2926 6601300
## 2927 7792200
## 2928 7296400
## 2929 9509800
## 2930 11080100
## 2931 7942700
## 2932 6577900
## 2933 6684100
## 2934 9556300
## 2935 7883200
## 2936 10442600
## 2937 11617300
## 2938 8258200
## 2939 6767200
## 2940 5829500
## 2941 7133300
## 2942 5793300
## 2943 7155700
## 2944 8738200
## 2945 8056600
## 2946 17966800
## 2947 39783100
## 2948 19324300
## 2949 14694600
## 2950 13726300
## 2951 10169600
## 2952 12044900
## 2953 9437600
## 2954 10700600
## 2955 8347300
## 2956 8095500
## 2957 4130900
## 2958 7126100
## 2959 7366000
## 2960 6768900
## 2961 9354500
## 2962 7336000
## 2963 10271400
## 2964 9122100
## 2965 7275300
## 2966 11488300
## 2967 10511900
## 2968 9691600
## 2969 11960900
```

```
## 2970 11770300
## 2971 15093800
## 2972 13561400
## 2973 15435700
## 2974 13881700
## 2975 11348900
## 2976 8903400
## 2977 9437300
## 2978 11902800
## 2979 10401700
## 2980 8819100
## 2981 8468100
## 2982 8612400
## 2983 7457900
## 2984 7895600
## 2985 6657700
## 2986 8568800
## 2987 8373100
## 2988 8918200
## 2989 7041400
## 2990 11066900
## 2991 5809900
## 2992 5751300
## 2993 5748800
## 2994 5653000
## 2995 7082300
## 2996 6212200
## 2997 6160400
## 2998 9412800
## 2999 7467800
## 3000 7426000
## 3001 8686900
## 3002 7162200
## 3003 8775500
## 3004 16187700
## 3005 23484300
## 3006 9705900
## 3007 7924000
## 3008 9735100
## 3009 8537600
## 3010 6121700
## 3011 7019300
## 3012 5870300
## 3013 8604000
## 3014 9632100
## 3015 8193000
## 3016 6872300
## 3017 5548700
## 3018 8770500
## 3019 9343600
```

```
## 3020 8011700
## 3021 6829100
## 3022 8028900
## 3023 7351000
## 3024 5640500
## 3025 3484700
## 3026 6699600
## 3027 5567100
## 3028 4943100
## 3029 5072200
## 3030 10796500
## 3031 9397000
## 3032 7603400
## 3033 5465400
## 3034 8263500
## 3035 5602100
## 3036 4475100
## 3037 6073600
## 3038 5009700
## 3039 6223000
## 3040 5401800
## 3041 5465800
## 3042 7785100
## 3043 5453100
## 3044 5438200
## 3045 9744400
## 3046 7415500
## 3047 6081400
## 3048 7360400
## 3049 8775300
## 3050 6270300
## 3051 7984800
## 3052 6981200
## 3053 7218600
## 3054 7368800
## 3055 6491500
## 3056 8540700
## 3057 6359500
## 3058 5976100
## 3059 8050200
## 3060 4543600
## 3061 6339000
## 3062 5361900
## 3063 5051600
## 3064 6056600
## 3065 7728600
## 3066 5329600
## 3067 19162100
## 3068 19204600
## 3069 11279300
```

```
## 3070 8774900
## 3071 6502900
## 3072 7253200
## 3073 5886900
## 3074 6663000
## 3075 6177900
## 3076 7279400
## 3077 4693000
## 3078 5628000
## 3079 4440600
## 3080 5025000
## 3081 5619400
## 3082 5712400
## 3083 4924700
## 3084 6888600
## 3085 5884400
## 3086 5170600
## 3087 5375000
## 3088 6130700
## 3089 4723200
## 3090 4791000
## 3091 3613800
## 3092 3997700
## 3093 4620700
## 3094 5263800
## 3095 6245800
## 3096 6512700
## 3097 4140200
## 3098 4671500
## 3099 7037600
## 3100 6776200
## 3101 7023100
## 3102 6006900
## 3103 3572000
## 3104 4446800
## 3105 13114300
## 3106 7872700
## 3107 6769500
## 3108 4209300
## 3109 8264900
## 3110 5685300
## 3111 5075100
## 3112 4256800
## 3113 3508000
## 3114 4393900
## 3115 8539200
## 3116 6645100
## 3117 5039400
## 3118 7028500
## 3119 6963700
```

```
## 3120 7445100
## 3121 9674300
## 3122 4694000
## 3123 5591400
## 3124 4720000
## 3125 5556800
## 3126 6242100
## 3127 7038400
## 3128 6017400
## 3129 7777600
## 3130 7761200
## 3131 16518500
## 3132 58305800
## 3133 32271200
## 3134 20304200
## 3135 16887700
## 3136 12821800
## 3137 13312200
## 3138 11280000
## 3139 9478500
## 3140 7617500
## 3141 9086800
## 3142 13226000
## 3143 8624200
## 3144 10529300
## 3145 7434200
## 3146 7210100
## 3147 7376800
## 3148 9018300
## 3149 7748000
## 3150 5213500
## 3151 5998200
## 3152 6652600
## 3153 6878100
## 3154 7319700
## 3155 5071200
## 3156 4422600
## 3157 10119500
## 3158 9657600
## 3159 11798000
## 3160 16523500
## 3161 14827400
## 3162 7837000
## 3163 8002800
## 3164 12632900
## 3165 11343600
## 3166 8046700
## 3167 10022900
## 3168 7428800
## 3169 10261300
```

```
## 3170 8476500
## 3171 9605400
## 3172 9473600
## 3173 8257500
## 3174 9546100
## 3175 5128800
## 3176 8763900
## 3177 8400600
## 3178 6913200
## 3179 4523000
## 3180 7599900
## 3181 8851900
## 3182 7178800
## 3183 11030200
## 3184 9830500
## 3185 8779400
## 3186 9096300
## 3187 10723200
## 3188 9774900
## 3189 15376500
## 3190 8892600
## 3191 9074700
## 3192 9970600
## 3193 11568900
## 3194 12023900
## 3195 9559000
## 3196 14765300
## 3197 27293100
## 3198 29471300
## 3199 37774400
## 3200 23079700
## 3201 12405900
## 3202 12784000
## 3203 11024800
## 3204 9890200
## 3205 9223000
## 3206 6233200
## 3207 8343500
## 3208 8073500
## 3209 8932700
## 3210 8944800
## 3211 9800100
## 3212 7115600
## 3213 6807300
## 3214 7068200
## 3215 7389900
## 3216 9533400
## 3217 5721600
## 3218 13296500
## 3219 12097500
```

```
## 3220 6440400
## 3221 7509700
## 3222 6769300
## 3223 5605900
## 3224 6070800
## 3225 5625700
## 3226 7240800
## 3227 6150800
## 3228 6329200
## 3229 4132500
## 3230 4358800
## 3231 5021300
## 3232 8905000
## 3233 5383400
## 3234 4213100
## 3235 4696400
## 3236 16209600
## 3237 6565700
## 3238 4626900
## 3239 6192700
## 3240 4600600
## 3241 8785800
## 3242 5816500
## 3243 7950300
## 3244 5945400
## 3245 12689100
## 3246 6011100
## 3247 5445300
## 3248 4785500
## 3249 7900300
## 3250 7829600
## 3251 8396800
## 3252 6022000
## 3253 4311700
## 3254 7374400
## 3255 15165800
## 3256 18975200
## 3257 9318300
## 3258 8639000
## 3259 9235300
## 3260 6314200
## 3261 6113500
## 3262 5654600
## 3263 12667800
## 3264 9458100
## 3265 10189000
## 3266 11927600
## 3267 6806100
## 3268 6044100
## 3269 5904500
```

```
## 3270 5940200
## 3271 5277800
## 3272 5642200
## 3273 5256900
## 3274 6463300
## 3275 8594400
## 3276 7966900
## 3277 4535900
## 3278 6913400
## 3279 6964600
## 3280 4747700
## 3281 3954800
## 3282 3659500
## 3283 4764700
## 3284 5276900
## 3285 5497700
## 3286 6566400
## 3287 11484400
## 3288 7369200
## 3289 6061800
## 3290 4204600
## 3291 3923000
## 3292 4541000
## 3293 3964300
## 3294 3479000
## 3295 3836000
## 3296 5327700
## 3297 6207200
## 3298 5455100
## 3299 7771100
## 3300 5769700
## 3301 5612200
## 3302 12866300
## 3303 9740700
## 3304 8529800
## 3305 4477100
## 3306 5219300
## 3307 4941000
## 3308 6775000
## 3309 4065100
## 3310 4783600
## 3311 7091100
## 3312 5257000
## 3313 6047700
## 3314 6227900
## 3315 5030900
## 3316 6785000
## 3317 5011700
## 3318 15003400
## 3319 42421100
```

```
## 3320 11137800
## 3321 7796100
## 3322 5472300
## 3323 6175800
## 3324 7077500
## 3325 5443700
## 3326 5953800
## 3327 9270800
## 3328 4282300
## 3329 5065200
## 3330 5085800
## 3331 5706900
## 3332 5541700
## 3333 4367900
## 3334 3976600
## 3335 4024700
## 3336 5044700
## 3337 7901500
## 3338 5582500
## 3339 4170100
## 3340 3861300
## 3341 5369700
## 3342 5344500
## 3343 4694500
## 3344 5080000
## 3345 3426000
## 3346 4225600
## 3347 7138300
## 3348 5407400
## 3349 6581200
## 3350 3883000
## 3351 5828500
## 3352 4958000
## 3353 5043600
## 3354 5077400
## 3355 4319400
## 3356 4903600
## 3357 5827000
## 3358 7259600
## 3359 6449400
## 3360 7542000
## 3361 6612400
## 3362 7065600
## 3363 10590600
## 3364 6446300
## 3365 8494200
## 3366 7287500
## 3367 7606000
## 3368 8683400
## 3369 5346500
```

```
## 3370 5620000
## 3371 6060800
## 3372 4622000
## 3373 6918400
## 3374 4486400
## 3375 5280800
## 3376 5632800
## 3377 4024100
## 3378 10135500
## 3379 6331300
## 3380 7525000
## 3381 5790400
## 3382 13482500
## 3383 16318400
## 3384 6530900
## 3385 4689600
## 3386 5721800
## 3387 4684400
## 3388 4998500
## 3389 5239900
## 3390 4260000
## 3391 6112100
## 3392 7395900
## 3393 5212200
## 3394 5706000
## 3395 3978600
## 3396 5440300
## 3397 5691700
## 3398 7160600
## 3399 9648600
## 3400 6571400
## 3401 4524900
## 3402 6225300
## 3403 4464800
## 3404 6142500
## 3405 6465300
## 3406 10042500
## 3407 4271600
## 3408 9695000
## 3409 6762200
## 3410 5770100
## 3411 5537600
## 3412 4907500
## 3413 5654200
## 3414 5077100
## 3415 3726900
## 3416 4555500
## 3417 3565500
## 3418 4202500
## 3419 3685300
```

```
## 3420 5810500
## 3421 4121500
## 3422 4507300
## 3423 8735300
## 3424 5111000
## 3425 2578100
## 3426 3358200
## 3427 2249400
## 3428 1975000
## 3429 3120100
## 3430 1961200
## 3431 3451900
## 3432 5331400
## 3433 5031800
## 3434 3418800
## 3435 3179700
## 3436 5221700
## 3437 3375900
## 3438 2814200
## 3439 2679100
## 3440 3367000
## 3441 3662800
## 3442 3896200
## 3443 3882400
## 3444 5709900
## 3445 6806200
## 3446 5600300
## 3447 4651000
## 3448 3762200
## 3449 14594400
## 3450 19908200
## 3451 6718100
## 3452 5085900
## 3453 4547500
## 3454 3678900
## 3455 4347800
## 3456 5254700
## 3457 7794900
## 3458 8312700
## 3459 5331400
## 3460 4487900
## 3461 4061300
## 3462 3890900
## 3463 4628200
## 3464 3425500
## 3465 4178600
## 3466 5637100
## 3467 5482000
## 3468 4656500
## 3469 4191400
```

```
## 3470 6783200
## 3471 5847100
## 3472 5185700
## 3473 4138200
## 3474 4924300
## 3475 5932900
## 3476 4219000
## 3477 7108900
## 3478 5998400
## 3479 4609900
## 3480 4022000
## 3481 4934500
## 3482 5208100
## 3483 6471400
## 3484 7442700
## 3485 4055100
## 3486 3611400
## 3487 4721300
## 3488 6283200
## 3489 4293800
## 3490 3400800
## 3491 4884600
## 3492 6859300
## 3493 4826500
## 3494 5684100
## 3495 4186400
## 3496 5569200
## 3497 5430700
## 3498 4564000
## 3499 3726400
## 3500 3297100
## 3501 5334500
## 3502 4216300
## 3503 3588200
## 3504 4272400
## 3505 4616500
## 3506 2646000
## 3507 4067500
## 3508 3348100
## 3509 3438100
## 3510 11200000
## 3511 23623000
## 3512 7300000
## 3513 6640900
## 3514 9398100
## 3515 6100000
## 3516 6550000
## 3517 4600000
## 3518 4013900
## 3519 5825400
```

```
## 3520 5885900
## 3521 4809000
## 3522 4800000
## 3523 4123700
## 3524 9386400
## 3525 7073300
## 3526 4955800
## 3527 3701200
## 3528 3381000
## 3529 4200000
## 3530 2972700
## 3531 4661300
## 3532 4075200
## 3533 2352600
## 3534 3409000
## 3535 3445200
## 3536 3044900
## 3537 4974500
## 3538 3716000
## 3539 4866500
## 3540 3716600
## 3541 4187300
## 3542 3760400
## 3543 3868900
## 3544 3960300
## 3545 6317700
## 3546 6032100
## 3547 6322200
## 3548 2831700
## 3549 4182600
## 3550 3129700
## 3551 4609600
## 3552 3614500
## 3553 6100700
## 3554 3825300
## 3555 4608900
## 3556 4448100
## 3557 4008700
## 3558 3585200
## 3559 2607600
## 3560 3144900
## 3561 3707900
## 3562 4033700
## 3563 3985700
## 3564 4229900
## 3565 3902500
## 3566 4072600
## 3567 2898100
## 3568 4437200
## 3569 3372900
```

```
## 3570 4545300
## 3571 3591700
## 3572 3342800
## 3573 9863600
## 3574 12955600
## 3575 5354900
## 3576 5167700
## 3577 5789300
## 3578 6586700
## 3579 8197100
## 3580 6579500
## 3581 10024000
## 3582 10427500
## 3583 10491200
## 3584 8757600
## 3585 7401900
## 3586 5620400
## 3587 4785900
## 3588 5205900
## 3589 3991100
## 3590 8275200
## 3591 7244200
## 3592 5313700
## 3593 7351600
## 3594 6248700
## 3595 3760800
## 3596 5310700
## 3597 4511000
## 3598 5915700
## 3599 7405000
## 3600 5275300
## 3601 4232000
## 3602 6216200
## 3603 5295800
## 3604 4397900
## 3605 4574300
## 3606 5342100
## 3607 4835900
## 3608 5881700
## 3609 5608800
## 3610 11753000
## 3611 8223300
## 3612 7385500
## 3613 5881500
## 3614 8254600
## 3615 6468100
## 3616 5794100
## 3617 7837500
## 3618 14436900
## 3619 9378500
```

```
## 3620 6550300
## 3621 6624400
## 3622 8711600
## 3623 6508200
## 3624 6849300
## 3625 6784300
## 3626 5143100
## 3627 5003700
## 3628 6510800
## 3629 4833500
## 3630 5923700
## 3631 4779000
## 3632 4609700
## 3633 6715100
## 3634 4524900
## 3635 4572500
## 3636 4975800
## 3637 14012600
## 3638 24134200
## 3639 10774300
## 3640 9880400
## 3641 7343300
## 3642 8511800
## 3643 6122000
## 3644 5315000
## 3645 4065800
## 3646 3860000
## 3647 3914500
## 3648 4680600
## 3649 5044600
## 3650 5163100
## 3651 6522200
## 3652 5739000
## 3653 5509400
## 3654 7983100
## 3655 8437500
## 3656 11321200
## 3657 9915600
## 3658 8011300
## 3659 4972000
## 3660 7207300
## 3661 6575100
## 3662 7717000
## 3663 7327700
## 3664 7526200
## 3665 5922100
## 3666 5202000
## 3667 6427300
## 3668 4361100
## 3669 5158800
```

```
## 3670 4343200
## 3671 9297300
## 3672 11614200
## 3673 7259900
## 3674 6664100
## 3675 4533600
## 3676 4600100
## 3677 8066700
## 3678 4694900
## 3679 3496500
## 3680 2950900
## 3681 3659500
## 3682 8209300
## 3683 4279800
## 3684 5110800
## 3685 4205200
## 3686 3809100
## 3687 7008400
## 3688 5056900
## 3689 3985800
## 3690 3102700
## 3691 5385800
## 3692 4753500
## 3693 5644500
## 3694 7473500
## 3695 7096000
## 3696 5610300
## 3697 4585300
## 3698 4673800
## 3699 4306400
## 3700 5873600
## 3701 4659000
## 3702 5424100
## 3703 12772200
## 3704 21336600
## 3705 8736300
## 3706 8120500
## 3707 5310000
## 3708 5103900
## 3709 5476600
## 3710 7189200
## 3711 5797100
## 3712 6071400
## 3713 9527100
## 3714 7794400
## 3715 12563800
## 3716 7418100
## 3717 6756500
## 3718 5785400
## 3719 5153800
```

```
## 3720 3668700
## 3721 3706200
## 3722 5764500
## 3723 5300300
## 3724 4936000
## 3725 3657800
## 3726 4682700
## 3727 5612200
## 3728 4951500
## 3729 4221500
## 3730 4510600
## 3731 2587600
## 3732 4405800
## 3733 3699700
## 3734 4160100
## 3735 4934000
## 3736 3903400
## 3737 9165400
## 3738 4214400
## 3739 3739600
## 3740 5984000
## 3741 7613700
## 3742 9600800
## 3743 6245000
## 3744 5711200
## 3745 4438100
## 3746 6430300
## 3747 5000700
## 3748 5456900
## 3749 3217500
## 3750 3135900
## 3751 4455000
## 3752 4337800
## 3753 4027900
## 3754 3431800
## 3755 4044300
## 3756 2829200
## 3757 4001900
## 3758 4002400
## 3759 3243600
## 3760 3481000
## 3761 3376300
## 3762 3955100
## 3763 10234000
## 3764 22116900
## 3765 9756900
## 3766 6754900
## 3767 4593400
## 3768 4055500
## 3769 4585200
```

```
## 3770 3314300
## 3771 4522400
## 3772 3712000
## 3773 4648400
## 3774 4193600
## 3775 3096600
## 3776 5713700
## 3777 5261800
## 3778 4505500
## 3779 5231700
## 3780 3579800
## 3781 3733100
## 3782 4243800
## 3783 3141100
## 3784 2171400
## 3785 2693900
## 3786 4078200
## 3787 4944000
## 3788 3951500
## 3789 4299600
## 3790 3543900
## 3791 2710100
## 3792 3503900
## 3793 2877000
## 3794 3749100
## 3795 2833300
## 3796 2325200
## 3797 3060900
## 3798 3785200
## 3799 3369600
## 3800 2716600
## 3801 2444400
## 3802 2843000
## 3803 2187500
## 3804 2382300
## 3805 3754100
## 3806 2799200
## 3807 2994800
## 3808 3614400
## 3809 2330700
## 3810 1331700
## 3811 2682300
## 3812 3203200
## 3813 1922000
## 3814 2982100
## 3815 2734700
## 3816 2616200
## 3817 2221900
## 3818 2004200
## 3819 1987000
```

```
## 3820 2093000
## 3821 5449400
## 3822 4170000
## 3823 5515100
## 3824 5008700
## 3825 3646700
## 3826 6937400
## 3827 11313900
## 3828 3736400
## 3829 3453600
## 3830 2543800
## 3831 3048100
## 3832 2825300
## 3833 1843700
## 3834 2058300
## 3835 1534300
## 3836 1548100
## 3837 1852500
## 3838 1997300
## 3839 2751000
## 3840 3264700
## 3841 4312100
## 3842 3085800
## 3843 1889900
## 3844 2571500
## 3845 2473700
## 3846 2453900
## 3847 3698800
## 3848 2929700
## 3849 2742300
## 3850 1772600
## 3851 3647500
## 3852 3347500
## 3853 3950800
## 3854 2652600
## 3855 5361400
## 3856 5029500
## 3857 2567200
## 3858 2524800
## 3859 2273200
## 3860 3525600
## 3861 3666200
## 3862 2306300
## 3863 2215000
## 3864 2636800
## 3865 2913600
## 3866 6059300
## 3867 2707900
## 3868 4405800
## 3869 2920500
```

```
## 3870 3397400
## 3871 2456600
## 3872 2581200
## 3873 2195800
## 3874 2745600
## 3875 2700400
## 3876 2806500
## 3877 1762300
## 3878 3494800
## 3879 3948300
## 3880 3447300
## 3881 2203200
## 3882 2959800
## 3883 2204100
## 3884 3302700
## 3885 5305300
## 3886 4395300
## 3887 4500000
## 3888 4430800
## 3889 3678700
## 3890 6741300
## 3891 11367500
## 3892 4797600
## 3893 3905100
## 3894 3374700
## 3895 1846100
## 3896 2661300
## 3897 3624200
## 3898 2982400
## 3899 3092500
## 3900 2128800
## 3901 2629800
## 3902 3034100
## 3903 3404700
## 3904 4352800
## 3905 3591200
## 3906 2771700
## 3907 2959300
## 3908 1776800
## 3909 4178300
## 3910 3048500
## 3911 2743400
## 3912 5310500
## 3913 3797400
## 3914 2990600
## 3915 3114700
## 3916 2852200
## 3917 3557900
## 3918 2170300
## 3919 3503800
```

```
## 3920 4185200
## 3921 2628100
## 3922 2460200
## 3923 2526900
## 3924 2277000
## 3925 4961000
## 3926 2300000
## 3927 2584600
## 3928 4704600
## 3929 984400
## 3930 4152700
## 3931 3639300
## 3932 1858700
## 3933 3419000
## 3934 3271000
## 3935 2750900
## 3936 1874200
## 3937 4910000
## 3938 3010700
## 3939 2265600
## 3940 2863400
## 3941 2413300
## 3942 4275000
## 3943 2326900
## 3944 2065600
## 3945 1884600
## 3946 2942000
## 3947 2137700
## 3948 2508900
## 3949 3417000
## 3950 4968100
## 3951 4321400
## 3952 10172600
## 3953 13075400
## 3954 6772100
## 3955 6115000
## 3956 3723600
## 3957 4012900
## 3958 2770400
## 3959 3975700
## 3960 3879200
## 3961 3403700
## 3962 2943700
## 3963 5293000
## 3964 3463000
## 3965 3979900
## 3966 2854200
## 3967 3528900
## 3968 3637400
## 3969 3124800
```

```
## 3970 3032400
## 3971 3348600
## 3972 2908100
## 3973 2667200
## 3974 2957000
## 3975 3453000
## 3976 3686200
## 3977 2050700
## 3978 1939000
## 3979 1879800
## 3980 1904900
## 3981 3246200
## 3982 1884200
## 3983 5226700
## 3984 4865900
## 3985 2720200
## 3986 3738500
## 3987 2738900
## 3988 2806400
## 3989 3124600
## 3990 2513900
## 3991 2421000
## 3992 2874900
## 3993 2473700
## 3994 2524800
## 3995 2631100
## 3996 2413800
## 3997 1964400
## 3998 2557400
## 3999 2295600
## 4000 2156600
## 4001 2322500
## 4002 3090500
## 4003 2866300
## 4004 3326000
## 4005 2137200
## 4006 3135100
## 4007 3137600
## 4008 2602500
## 4009 2119100
## 4010 2270600
## 4011 1852800
## 4012 6116500
## 4013 14030000
## 4014 7117000
## 4015 4248800
## 4016 4391400
## 4017 3936200
## 4018 3514000
## 4019 2347800
```

```
## 4020 3133700
## 4021 2677000
## 4022 2769300
## 4023 3145300
## 4024 2149500
## 4025 2700000
## 4026 2720500
## 4027 1643500
## 4028 2527300
## 4029 2209000
## 4030 1741200
## 4031 3332000
## 4032 2000300
## 4033 1696300
## 4034 3471000
## 4035 1903400
## 4036 1667500
## 4037 3374300
## 4038 2543900
## 4039 2088600
## 4040 3512300
## 4041 2476300
## 4042 4632600
## 4043 3086500
## 4044 3097800
## 4045 2238900
## 4046 2649800
## 4047 2150800
## 4048 2884000
## 4049 2146100
## 4050 2827500
## 4051 2984000
## 4052 4201000
## 4053 3863800
## 4054 2449600
## 4055 3029500
## 4056 2519500
## 4057 3193300
## 4058 2888200
## 4059 3238200
## 4060 1373000
## 4061 1985400
## 4062 3046700
## 4063 2775600
## 4064 1810200
## 4065 4007300
## 4066 4539300
## 4067 2245600
## 4068 2660200
## 4069 2029700
```

```
## 4070 3063800
## 4071 2973100
## 4072 2520700
## 4073 1999600
## 4074 2000500
## 4075 5405800
## 4076 8817500
## 4077 3211800
## 4078 3053400
## 4079 1891300
## 4080 2971700
## 4081 2502600
## 4082 2233200
## 4083 1849000
## 4084 1961000
## 4085 2343400
## 4086 1950300
## 4087 1504500
## 4088 2349900
## 4089 1415000
## 4090 2261400
## 4091 2422500
## 4092 2477400
## 4093 1586300
## 4094 1815300
## 4095 1422600
## 4096 1961900
## 4097 1711700
## 4098 2476000
## 4099 1457100
## 4100 1566400
## 4101 1534700
## 4102 2897600
## 4103 2438600
## 4104 1816600
## 4105 2292000
## 4106 1643600
## 4107 1778400
## 4108 1742600
## 4109 1606200
## 4110 1350600
## 4111 1808400
## 4112 2296500
## 4113 2946400
## 4114 2350900
## 4115 5302300
## 4116 1884900
## 4117 2033600
## 4118 2008600
## 4119 1989900
```

```
## 4120 1657500
## 4121 1623600
## 4122 2396400
## 4123 2217400
## 4124 2674800
## 4125 1815000
## 4126 2083200
## 4127 3166200
## 4128 3247400
## 4129 2555100
## 4130 2163100
## 4131 1939100
## 4132 2261100
## 4133 2170700
## 4134 2648400
## 4135 5969800
## 4136 2522300
## 4137 3935500
## 4138 2818200
## 4139 5884700
## 4140 12036800
## 4141 3635800
## 4142 2185400
## 4143 4502200
## 4144 2466800
## 4145 3331000
## 4146 1938400
## 4147 2007100
## 4148 2282300
## 4149 4246300
## 4150 2656900
## 4151 2261700
## 4152 2343100
## 4153 2773300
## 4154 4159800
## 4155 4491600
## 4156 2737400
## 4157 1904800
## 4158 1771500
## 4159 1964600
## 4160 2965500
## 4161 2972300
## 4162 2724400
## 4163 2269700
## 4164 2406000
## 4165 4714000
## 4166 3702900
## 4167 2355300
## 4168 1906500
## 4169 1984700
```

```
## 4170 2761800
## 4171 2736800
## 4172 2451300
## 4173 2123700
## 4174 3025000
## 4175 2251700
## 4176 2343900
## 4177 3489100
## 4178 2427200
## 4179 5033900
## 4180 2659500
## 4181 1380400
## 4182 1868500
## 4183 1986900
## 4184 2487100
## 4185 1996500
## 4186 2137800
## 4187 2210200
## 4188 3170600
## 4189 1916000
## 4190 2316500
## 4191 2103000
## 4192 2679500
## 4193 2844900
## 4194 2340100
## 4195 2678300
## 4196 2601200
## 4197 4505100
## 4198 3122100
## 4199 2060500
## 4200 3025400
## 4201 4458400
## 4202 3936800
## 4203 2894500
## 4204 3382300
## 4205 10473900
## 4206 16154800
## 4207 10280800
## 4208 4812900
## 4209 4435400
## 4210 3335700
## 4211 4330500
## 4212 3449700
## 4213 3222100
## 4214 6587700
## 4215 4175000
## 4216 3520200
## 4217 4998000
## 4218 4168100
## 4219 3492800
```

```
## 4220 4210000
## 4221 3644700
## 4222 3736400
## 4223 3622100
## 4224 3104900
## 4225 3882000
## 4226 2798300
## 4227 2704400
## 4228 3848300
## 4229 2926600
## 4230 2279800
## 4231 2105800
## 4232 2246100
## 4233 2216600
## 4234 6829000
## 4235 4402200
## 4236 2303000
## 4237 2483500
## 4238 2646700
## 4239 2558500
## 4240 5414100
## 4241 4873500
## 4242 4445700
## 4243 4120700
## 4244 5766400
## 4245 3986800
## 4246 4297500
## 4247 3600100
## 4248 4475500
## 4249 6399300
## 4250 12534600
## 4251 7077400
## 4252 6577600
## 4253 5056600
## 4254 6126700
## 4255 7287500
## 4256 4293500
## 4257 5398600
## 4258 4284900
## 4259 4299200
## 4260 2999400
## 4261 3711600
## 4262 3604600
## 4263 9293700
## 4264 16180200
## 4265 14479800
## 4266 6509300
## 4267 4088600
## 4268 4328600
## 4269 3995100
```

```
## 4270 2519900
## 4271 4682300
## 4272 7015200
## 4273 3848200
## 4274 4063000
## 4275 3729600
## 4276 3509900
## 4277 3323300
## 4278 4295100
## 4279 3636800
## 4280 2284200
## 4281 4095700
## 4282 3408800
## 4283 2576800
## 4284 3052900
## 4285 4862100
## 4286 2726000
## 4287 2365500
## 4288 4260200
## 4289 2203400
## 4290 2379200
## 4291 2107100
## 4292 7796700
## 4293 5244000
## 4294 3212200
## 4295 3663400
## 4296 4436800
## 4297 4276300
## 4298 2764800
## 4299 2449800
## 4300 2924100
## 4301 6401500
## 4302 5320600
## 4303 6054000
## 4304 2604800
## 4305 2626600
## 4306 2327800
## 4307 2699500
## 4308 2416200
## 4309 2671300
## 4310 3173600
## 4311 2681300
## 4312 1944300
## 4313 2128900
## 4314 4271600
## 4315 3166100
## 4316 2665000
## 4317 8300800
## 4318 5609900
## 4319 4170900
```

```
## 4320 3503600
## 4321 3636000
## 4322 3407400
## 4323 2278400
## 4324 2888900
## 4325 2687300
## 4326 7088700
## 4327 17846500
## 4328 5932000
## 4329 2883800
## 4330 3969000
## 4331 5192000
## 4332 7441500
## 4333 4200900
## 4334 2852100
## 4335 2296900
## 4336 2935600
## 4337 2705900
## 4338 2468600
## 4339 1915800
## 4340 4939100
## 4341 3420400
## 4342 3896700
## 4343 2485400
## 4344 1713800
## 4345 1810500
## 4346 1971100
## 4347 2211200
## 4348 1957700
## 4349 3654700
## 4350 2961600
## 4351 2252700
## 4352 1939500
## 4353 2326000
## 4354 1993700
## 4355 3965600
## 4356 2107000
## 4357 2955300
## 4358 4646800
## 4359 3797400
## 4360 2720200
## 4361 3429300
## 4362 4000400
## 4363 3259900
## 4364 4136000
## 4365 2576900
## 4366 6886200
## 4367 3109700
## 4368 2352600
## 4369 2642200
```

```
## 4370 2928800
## 4371 3638000
## 4372 1924600
## 4373 2636200
## 4374 3089100
## 4375 3553900
## 4376 3037400
## 4377 2290300
## 4378 2365400
## 4379 3452800
## 4380 3587900
## 4381 3681900
## 4382 4363900
## 4383 3385800
## 4384 5343900
## 4385 4731300
## 4386 4405100
## 4387 3234500
## 4388 3559300
## 4389 3125900
## 4390 9038200
## 4391 19801100
## 4392 5950600
## 4393 5572600
## 4394 4881900
## 4395 4055200
## 4396 4550700
## 4397 3242500
## 4398 3427400
## 4399 4674500
## 4400 3758100
## 4401 2647400
## 4402 2809100
## 4403 3803600
## 4404 2183000
## 4405 3686400
## 4406 8877800
## 4407 4784900
## 4408 3549500
## 4409 3281600
## 4410 3436700
## 4411 4466600
## 4412 2754200
## 4413 2565000
## 4414 1983600
## 4415 3051800
## 4416 4944900
## 4417 2790300
## 4418 5681000
## 4419 3290300
```

```
## 4420 3265200
## 4421 3639200
## 4422 4049500
## 4423 3245900
## 4424 3262900
## 4425 3153500
## 4426 3841600
## 4427 6501300
## 4428 4433500
## 4429 7738100
## 4430 8709100
## 4431 4003800
## 4432 2713700
## 4433 1513800
## 4434 2893800
## 4435 3009000
## 4436 2093000
## 4437 2048000
## 4438 2783200
## 4439 2774200
## 4440 3519000
## 4441 2640300
## 4442 3088400
## 4443 2592400
## 4444 3421400
## 4445 4136400
## 4446 5538700
## 4447 4419200
## 4448 3478200
## 4449 3075100
## 4450 10065100
## 4451 5362600
## 4452 4496400
## 4453 3169700
## 4454 2920300
## 4455 3063800
## 4456 8656600
## 4457 23856100
## 4458 10231900
## 4459 6212600
## 4460 4169900
## 4461 7247600
## 4462 3892400
## 4463 2724600
## 4464 2287200
## 4465 2786500
## 4466 2791100
## 4467 3475100
## 4468 3673200
## 4469 2650600
```

```
## 4470 2953800
## 4471 3258000
## 4472 2177000
## 4473 1920800
## 4474 3174500
## 4475 2687100
## 4476 2532300
## 4477 2139200
## 4478 1946500
## 4479 2259100
## 4480 2693500
## 4481 2627000
## 4482 2311400
## 4483 3121000
## 4484 2495100
## 4485 2810000
## 4486 2611700
## 4487 2354100
## 4488 2037000
## 4489 2654100
## 4490 1915700
## 4491 3763600
## 4492 2239300
## 4493 2228200
## 4494 3429500
## 4495 2930000
## 4496 2609800
## 4497 1820900
## 4498 2506100
## 4499 2458100
## 4500 1875300
## 4501 3050700
## 4502 1954900
## 4503 2636400
## 4504 2392300
## 4505 2573500
## 4506 1894500
## 4507 2583600
## 4508 1933200
## 4509 2080400
## 4510 3839700
## 4511 5016100
## 4512 4643500
## 4513 3474700
## 4514 7980000
## 4515 17176900
## 4516 5430900
## 4517 4140500
## 4518 3621700
## 4519 3647900
```

```
## 4520 3565800
## 4521 2270400
## 4522 2856400
## 4523 2552500
## 4524 2766100
## 4525 2908800
## 4526 2393700
## 4527 1947800
## 4528 1996300
## 4529 1888500
## 4530 4240300
## 4531 2390200
## 4532 2464200
## 4533 2196200
## 4534 4121400
## 4535 2020600
## 4536 2244200
## 4537 2231100
## 4538 1912400
## 4539 3016100
## 4540 2253300
## 4541 1668900
## 4542 2727900
## 4543 2510800
## 4544 1907900
## 4545 2172500
## 4546 2288700
## 4547 2172300
## 4548 2922500
## 4549 2054400
## 4550 2051000
## 4551 2296400
## 4552 2185900
## 4553 3378400
## 4554 4495100
## 4555 1823600
## 4556 3245000
## 4557 2620800
## 4558 2237500
## 4559 2624500
## 4560 2753200
## 4561 2596900
## 4562 1987100
## 4563 1343400
## 4564 1903200
## 4565 3454200
## 4566 2383100
## 4567 2271400
## 4568 2401000
## 4569 3956800
```

```
## 4570 4736200
## 4571 2987400
## 4572 4095600
## 4573 4932200
## 4574 4752500
## 4575 3181800
## 4576 3114900
## 4577 9374400
## 4578 21909400
## 4579 7491000
## 4580 5273100
## 4581 3752600
## 4582 3743100
## 4583 3025600
## 4584 3014200
## 4585 2934600
## 4586 2889400
## 4587 3820500
## 4588 3969200
## 4589 2615900
## 4590 2676600
## 4591 3962300
## 4592 2895200
## 4593 1994800
## 4594 2581700
## 4595 2071300
## 4596 2324000
## 4597 4408000
## 4598 6706500
## 4599 10097600
## 4600 5679300
## 4601 6358600
## 4602 6114500
## 4603 2746700
## 4604 3002300
## 4605 3864500
## 4606 3707100
## 4607 3149700
## 4608 2692500
## 4609 3810700
## 4610 4370700
## 4611 2576000
## 4612 3227900
## 4613 3130200
## 4614 2865900
## 4615 2252800
## 4616 4169500
## 4617 6160100
## 4618 3283300
## 4619 3841700
```

```
## 4620 2237600
## 4621 3501000
## 4622 4031000
## 4623 5434500
## 4624 4457500
## 4625 4004700
## 4626 3768500
## 4627 4597800
## 4628 3391400
## 4629 4502800
## 4630 3812100
## 4631 4676400
## 4632 3537400
## 4633 2776100
## 4634 2938000
## 4635 3582100
## 4636 4937000
## 4637 4315800
## 4638 4375400
## 4639 4346200
## 4640 3343600
## 4641 7779400
## 4642 10692700
## 4643 4269700
## 4644 3787100
## 4645 3926200
## 4646 3896000
## 4647 3874400
## 4648 2816500
## 4649 3246900
## 4650 4840500
## 4651 4723800
## 4652 4092200
## 4653 4048800
## 4654 3489500
## 4655 5387300
## 4656 4284700
## 4657 6261100
## 4658 7435900
## 4659 4320200
## 4660 4469800
## 4661 4705200
## 4662 3896100
## 4663 4385100
## 4664 4543400
## 4665 2697900
## 4666 1966800
## 4667 5693200
## 4668 4751200
## 4669 4273500
```

```
## 4670 5064700
## 4671 4534800
## 4672 3732800
## 4673 3651900
## 4674 5158200
## 4675 3455500
## 4676 5474400
## 4677 4329700
## 4678 4753400
## 4679 3964500
## 4680 3681600
## 4681 6841300
## 4682 3250900
## 4683 2667800
## 4684 2722900
## 4685 1091200
## 4686 3783600
## 4687 5735000
## 4688 3519000
## 4689 3749600
## 4690 9314500
## 4691 5822600
## 4692 5329200
## 4693 7074900
## 4694 5512900
## 4695 4891600
## 4696 4724100
## 4697 7655200
## 4698 7238000
## 4699 7784500
## 4700 4807200
## 4701 7966400
## 4702 4952200
## 4703 5120100
## 4704 4396100
## 4705 3765700
## 4706 5152900
## 4707 14015200
## 4708 14677600
## 4709 6355100
## 4710 6312000
## 4711 10048700
## 4712 6199100
## 4713 9708900
## 4714 9825500
## 4715 7077900
## 4716 6786200
## 4717 7397400
## 4718 5384800
## 4719 5118500
```

```
## 4720 4824000
## 4721 4735000
## 4722 4974700
## 4723 5566600
## 4724 4050800
## 4725 6231700
## 4726 4525500
## 4727 4877000
## 4728 4145400
## 4729 5038500
## 4730 4582200
## 4731 2741300
## 4732 3416500
## 4733 4926900
## 4734 4730000
## 4735 4377300
## 4736 3919900
## 4737 3771300
## 4738 3454200
## 4739 3876800
## 4740 3537700
## 4741 5928100
## 4742 7296900
## 4743 5155700
## 4744 4000600
## 4745 3983700
## 4746 5185500
## 4747 3121500
## 4748 4392600
## 4749 3890500
## 4750 2681800
## 4751 2917400
## 4752 2470800
## 4753 2308900
## 4754 2849900
## 4755 3189000
## 4756 2591900
## 4757 2704300
## 4758 2641100
## 4759 4228300
## 4760 3512100
## 4761 2887700
## 4762 4360900
## 4763 4055900
## 4764 2609400
## 4765 2596300
## 4766 5083900
## 4767 2682900
## 4768 2521400
## 4769 4068800
```

```
## 4770 7872600
## 4771 10310700
## 4772 6578500
## 4773 4923400
## 4774 4635500
## 4775 4884100
## 4776 4365300
## 4777 3982200
## 4778 6105600
## 4779 7338200
## 4780 5048200
## 4781 4763400
## 4782 5432900
## 4783 5121400
## 4784 4283200
## 4785 3025600
## 4786 2916200
## 4787 2595100
## 4788 3033800
## 4789 3267700
## 4790 2446700
## 4791 2249200
## 4792 3618300
## 4793 3263100
## 4794 3026600
## 4795 3367300
## 4796 2704800
## 4797 2732500
## 4798 2223400
## 4799 2170300
## 4800 3425700
## 4801 3352200
## 4802 2506900
## 4803 2709400
## 4804 3098000
## 4805 5897800
## 4806 3677200
## 4807 2137500
## 4808 2260500
## 4809 2825000
## 4810 7632500
## 4811 5568000
## 4812 4037000
## 4813 3070100
## 4814 2855100
## 4815 2920400
## 4816 2431400
## 4817 3938200
## 4818 2945800
## 4819 3429200
```

```
## 4820 3195300
## 4821 5623700
## 4822 4142300
## 4823 2390500
## 4824 3121400
## 4825 2954900
## 4826 2216800
## 4827 2214000
## 4828 2317100
## 4829 2277700
## 4830 2679300
## 4831 2529700
## 4832 2913100
## 4833 7617600
## 4834 6777100
## 4835 3578200
## 4836 3603300
## 4837 3581500
## 4838 3178200
## 4839 2704400
## 4840 1986300
## 4841 1876100
## 4842 1604300
## 4843 2019700
## 4844 1563300
## 4845 2118500
## 4846 1604600
## 4847 1891100
## 4848 1458800
## 4849 2343200
## 4850 1679300
## 4851 1524100
## 4852 1744100
## 4853 1623000
## 4854 2776800
## 4855 2198600
## 4856 1709200
## 4857 1633800
## 4858 1792300
## 4859 2181800
## 4860 3719800
## 4861 2424600
## 4862 2030500
## 4863 4257300
## 4864 3124700
## 4865 3117200
## 4866 2523000
## 4867 3034000
## 4868 5499200
## 4869 2297200
```

```
## 4870 1937200
## 4871 2718600
## 4872 4078900
## 4873 2353500
## 4874 2651400
## 4875 3819600
## 4876 4422100
## 4877 4922200
## 4878 4430600
## 4879 2769400
## 4880 2950300
## 4881 3469100
## 4882 2684000
## 4883 2426200
## 4884 1827100
## 4885 3588200
## 4886 2380400
## 4887 3091400
## 4888 2999800
## 4889 3361500
## 4890 2512500
## 4891 2090700
## 4892 3152000
## 4893 2793000
## 4894 4060900
## 4895 3248400
## 4896 3998100
## 4897 7406400
## 4898 10841100
## 4899 5413300
## 4900 5305400
## 4901 5026500
## 4902 3872500
## 4903 5122100
## 4904 5984400
## 4905 3412600
## 4906 8562900
## 4907 12747000
## 4908 6622800
## 4909 7321300
## 4910 6755800
## 4911 3648800
## 4912 3690100
## 4913 4373400
## 4914 4614600
## 4915 5311300
## 4916 3540300
## 4917 1837100
## 4918 4438800
## 4919 3272300
```

```
## 4920 4625900
## 4921 4666000
## 4922 3561300
## 4923 4314700
## 4924 3794700
## 4925 3684900
## 4926 3189600
## 4927 2470900
## 4928 2963900
## 4929 5285300
## 4930 5454800
## 4931 3801900
## 4932 4848200
## 4933 3113200
## 4934 2703600
## 4935 2044600
## 4936 2543600
## 4937 1981600
## 4938 2638700
## 4939 3301000
## 4940 3158300
## 4941 4139400
## 4942 3521100
## 4943 2510500
## 4944 5830100
## 4945 5986200
## 4946 3446100
## 4947 2558400
## 4948 2992800
## 4949 4873900
## 4950 3791900
## 4951 3670500
## 4952 2354200
## 4953 2540800
## 4954 3376200
## 4955 2797500
## 4956 2971700
## 4957 3922600
## 4958 3586300
## 4959 2998700
## 4960 3747300
## 4961 3137200
## 4962 3850200
## 4963 7350500
## 4964 10868800
## 4965 3897300
## 4966 3466100
## 4967 2858000
## 4968 2484900
## 4969 2429600
```

```
## 4970 4172600
## 4971 2792400
## 4972 2968900
## 4973 2714700
## 4974 3112300
## 4975 3507700
## 4976 2617000
## 4977 3462000
## 4978 3688000
## 4979 2713600
## 4980 2793700
## 4981 2760100
## 4982 2132100
## 4983 1941100
## 4984 2610400
## 4985 2247600
## 4986 2286500
## 4987 2048200
## 4988 2436400
## 4989 1909700
## 4990 2130600
## 4991 2562200
## 4992 1842300
## 4993 3384400
## 4994 2282700
## 4995 4382900
## 4996 2658700
## 4997 1953000
## 4998 2138300
## 4999 2755800
## 5000 3041600
## 5001 4485800
## 5002 2762700
## 5003 3957600
## 5004 3422300
## 5005 4984700
## 5006 7508400
## 5007 6344100
## 5008 3710900
## 5009 3184300
## 5010 3012700
## 5011 2456100
## 5012 3174600
## 5013 2854700
## 5014 2999200
## 5015 2870200
## 5016 2814400
## 5017 2420500
## 5018 3122900
## 5019 3380600
```

```
## 5020 2608900
## 5021 5305500
## 5022 7364700
## 5023 5466500
## 5024 3848800
## 5025 3582700
## 5026 2418400
## 5027 2866400
## 5028 3415700
## 5029 3262100
## 5030 2096500
## 5031 2194100
## 5032 3625900
## 5033 4270600
## 5034 3126100
## 5035 5145600
## 5036 3939300
## 5037 3972100
## 5038 2642200
## 5039 2415600
## 5040 2446000
## 5041 4822000
## 5042 3469200
## 5043 3263100
## 5044 3913100
## 5045 2454800
## 5046 3752300
## 5047 2719900
## 5048 3346400
## 5049 2823000
## 5050 2767900
## 5051 7647700
## 5052 9447200
## 5053 4580000
## 5054 3974900
## 5055 5373900
## 5056 11472700
## 5057 5043400
## 5058 4076800
## 5059 2922500
## 5060 2253400
## 5061 2879100
## 5062 3386200
## 5063 3782400
## 5064 3737600
## 5065 4303000
## 5066 3390300
## 5067 2909100
## 5068 3653000
## 5069 3259600
```

```
## 5070 2643400
## 5071 3546300
## 5072 2982700
## 5073 3608600
## 5074 2880800
## 5075 2102500
## 5076 3712600
## 5077 4007600
## 5078 2964000
## 5079 3097500
## 5080 2734600
## 5081 3288000
## 5082 2447600
## 5083 2921300
## 5084 10991700
## 5085 7709400
## 5086 7352100
## 5087 4572600
## 5088 4070000
## 5089 3255800
## 5090 2730300
## 5091 2676600
## 5092 2902800
## 5093 3569700
## 5094 5684100
## 5095 3468000
## 5096 3172900
## 5097 2549300
## 5098 3132100
## 5099 3512400
## 5100 3284800
## 5101 3164500
## 5102 2750000
## 5103 2668300
## 5104 5195700
## 5105 3324800
## 5106 2596700
## 5107 2874300
## 5108 2904600
## 5109 3331500
## 5110 2535900
## 5111 2883200
## 5112 2129900
## 5113 2566800
## 5114 2605300
## 5115 2186700
## 5116 2481100
## 5117 3374700
## 5118 3913300
## 5119 3760200
```

```
## 5120 3411300
## 5121 2671100
## 5122 2888800
## 5123 2337600
## 5124 2641800
## 5125 5124000
## 5126 3564800
## 5127 3148900
## 5128 2522600
## 5129 2543800
## 5130 2442900
## 5131 2666600
## 5132 2527400
## 5133 3229200
## 5134 3782100
## 5135 2938600
## 5136 3084900
## 5137 2337100
## 5138 4067300
## 5139 2431500
## 5140 2008900
## 5141 2319700
## 5142 2499700
## 5143 3108200
## 5144 2365100
## 5145 3494100
## 5146 2723900
## 5147 3033100
## 5148 5618700
## 5149 16565000
## 5150 6613100
## 5151 3477000
## 5152 3755500
## 5153 3684900
## 5154 3751500
## 5155 3381100
## 5156 2689000
## 5157 2581500
## 5158 3732700
## 5159 2179900
## 5160 2918400
## 5161 3138400
## 5162 3928700
## 5163 2213300
## 5164 2413400
## 5165 2163900
## 5166 2479400
## 5167 3555300
## 5168 3528000
## 5169 6744000
```

```
## 5170 4559400
## 5171 9257500
## 5172 4509200
## 5173 4107100
## 5174 5931900
## 5175 4079800
## 5176 2853300
## 5177 2511600
## 5178 3050100
## 5179 2363500
## 5180 2235900
## 5181 2616800
## 5182 3214300
## 5183 4778600
## 5184 2947600
## 5185 2587800
## 5186 2371200
## 5187 2123100
## 5188 1585100
## 5189 2005200
## 5190 1867200
## 5191 1841700
## 5192 2688400
## 5193 2694500
## 5194 3108800
## 5195 3022100
## 5196 3544700
## 5197 4279500
## 5198 3661300
## 5199 2686000
## 5200 3125000
## 5201 5443700
## 5202 7220700
## 5203 5253800
## 5204 4026900
## 5205 4578500
## 5206 4140100
## 5207 5169300
## 5208 6807500
## 5209 4753000
## 5210 4857300
## 5211 5701900
## 5212 5871900
## 5213 6424700
## 5214 9113800
## 5215 11125700
## 5216 11495000
## 5217 11066800
## 5218 7162700
## 5219 8578600
```

```
## 5220 14141500
## 5221 6738900
## 5222 5917900
## 5223 5959200
## 5224 5652700
## 5225 4472600
## 5226 6499200
## 5227 6304400
## 5228 4858100
## 5229 4418100
## 5230 4955000
## 5231 4808800
## 5232 4515000
## 5233 6835200
## 5234 6587600
## 5235 5233900
## 5236 4561700
## 5237 4174100
## 5238 3862600
## 5239 4534300
## 5240 5174200
## 5241 6531900
## 5242 4259400
## 5243 4069700
## 5244 5425000
## 5245 6580800
## 5246 4581600
## 5247 4750800
## 5248 6320600
## 5249 8006000
## 5250 5624700
## 5251 6999600
## 5252 13705300
## 5253 12581100
## 5254 10463600
## 5255 10231200
## 5256 6982300
## 5257 6413500
## 5258 5882300
## 5259 4208200
## 5260 4254100
## 5261 3582500
## 5262 3135000
## 5263 3685300
## 5264 2808600
## 5265 5114400
## 5266 5227500
## 5267 6523700
## 5268 5541600
## 5269 4465400
```

```
## 5270 7494700
## 5271 6587300
## 5272 8801100
## 5273 13053200
## 5274 5464100
## 5275 4572100
## 5276 4360300
## 5277 4251900
## 5278 3443600
## 5279 3801900
## 5280 3067900
## 5281 3637300
## 5282 2817500
## 5283 2263900
## 5284 2509500
## 5285 5077500
## 5286 2570600
## 5287 2147600
## 5288 2642600
## 5289 2925200
## 5290 2115600
## 5291 3361900
## 5292 3430000
## 5293 2698400
## 5294 3846500
## 5295 2907400
## 5296 3166300
## 5297 3313400
## 5298 3187700
## 5299 4782200
## 5300 5473200
## 5301 3765700
## 5302 2955100
## 5303 2335500
## 5304 2259200
## 5305 3327500
## 5306 3174400
## 5307 4777600
## 5308 3107700
## 5309 4290100
## 5310 4332600
## 5311 4941100
## 5312 4075100
## 5313 7511200
## 5314 4386600
## 5315 4872200
## 5316 4529700
## 5317 4543500
## 5318 3185700
## 5319 2177300
```

```
## 5320 2983100
## 5321 2650300
## 5322 3012000
## 5323 3002900
## 5324 3209800
## 5325 4532700
## 5326 4383200
## 5327 5466200
## 5328 5682900
## 5329 4861900
## 5330 4676900
## 5331 3884400
## 5332 3888500
## 5333 4278700
## 5334 3738200
## 5335 9924400
## 5336 9681000
## 5337 6562300
## 5338 5738700
## 5339 4153100
## 5340 4354700
## 5341 3460500
## 5342 3391800
## 5343 3377500
## 5344 3963000
## 5345 4860400
## 5346 3639900
## 5347 5531500
## 5348 3986100
## 5349 7700700
## 5350 3957100
## 5351 4104300
## 5352 2862000
## 5353 3105600
## 5354 3080500
## 5355 3563000
## 5356 2800900
## 5357 3569000
## 5358 3100700
## 5359 6531800
## 5360 7277300
## 5361 4204400
## 5362 5721100
## 5363 8220600
## 5364 7488700
## 5365 4892600
## 5366 4544800
## 5367 5033600
## 5368 4414000
## 5369 3621500
```

```
## 5370 3642000
## 5371 7050200
## 5372 4268700
## 5373 4056800
## 5374 3154900
## 5375 6855900
## 5376 4213700
## 5377 4538400
## 5378 4313500
## 5379 4329400
## 5380 4085100
## 5381 3460500
## 5382 5400700
## 5383 5253100
## 5384 7257000
## 5385 6822300
## 5386 7393200
## 5387 4772900
## 5388 10988900
## 5389 13935900
## 5390 9444600
## 5391 6437200
## 5392 5859900
## 5393 5295200
## 5394 5874000
## 5395 5907200
## 5396 4500000
## 5397 6723900
## 5398 6928400
## 5399 10285700
## 5400 14963800
## 5401 13866100
## 5402 12460100
## 5403 9390200
## 5404 8135500
## 5405 6955500
## 5406 5624700
## 5407 4257400
## 5408 8192200
## 5409 6534900
## 5410 5902200
## 5411 6806200
## 5412 5933300
## 5413 6486900
## 5414 8427300
## 5415 6066100
## 5416 7790000
## 5417 10878800
## 5418 5716800
## 5419 2707600
```

```
## 5420 6257700
## 5421 5783200
## 5422 8458700
## 5423 6613200
## 5424 5761800
## 5425 6862300
## 5426 8694500
## 5427 8789400
## 5428 7576100
## 5429 7494800
## 5430 6244700
## 5431 6598000
## 5432 5271300
## 5433 6367200
## 5434 8829800
## 5435 6523000
## 5436 8792200
## 5437 9991800
## 5438 13640300
## 5439 7220000
## 5440 10411800
## 5441 9722000
## 5442 8829000
## 5443 6954500
## 5444 7983100
## 5445 6975600
## 5446 9182600
## 5447 7993200
## 5448 8881400
## 5449 6348800
## 5450 6507700
## 5451 4686200
## 5452 6005900
## 5453 5998500
## 5454 6366900
## 5455 4208900
## 5456 6020500
## 5457 6416800
## 5458 5225200
## 5459 4089900
## 5460 4945900
## 5461 4837700
## 5462 4632800
## 5463 5783800
## 5464 10910300
## 5465 11506200
## 5466 4929100
## 5467 4453100
## 5468 3939900
## 5469 4626600
```

```
## 5470 5657500
## 5471 3317300
## 5472 4858600
## 5473 3560300
## 5474 4120500
## 5475 4343900
## 5476 3681700
## 5477 3337600
## 5478 3483400
## 5479 3096200
## 5480 3184500
## 5481 2665800
## 5482 3148800
## 5483 3025900
## 5484 4974900
## 5485 6167400
## 5486 3681500
## 5487 3996000
## 5488 4957000
## 5489 4667000
## 5490 3876400
## 5491 3614500
## 5492 3552000
## 5493 2946600
## 5494 7550900
## 5495 5429100
## 5496 6364200
## 5497 6265600
## 5498 5767800
## 5499 6363000
## 5500 5103800
## 5501 4865900
## 5502 4324800
## 5503 3043000
## 5504 3320800
## 5505 4238800
## 5506 3448100
## 5507 3926100
## 5508 3623900
## 5509 3640500
## 5510 3752800
## 5511 3714400
## 5512 2964000
## 5513 2654800
## 5514 3114400
## 5515 3724400
## 5516 3044600
## 5517 2893500
## 5518 2749900
## 5519 3373800
```

```
## 5520 4640400
## 5521 3675800
## 5522 6099100
## 5523 8432600
## 5524 4021300
## 5525 3506000
## 5526 3117000
## 5527 3962900
## 5528 6381600
## 5529 5417800
## 5530 5902100
## 5531 4078600
## 5532 5308300
## 5533 5718000
## 5534 5783400
## 5535 4629100
## 5536 4692600
## 5537 4707800
## 5538 4736600
## 5539 3798200
## 5540 4005100
## 5541 2936600
## 5542 4424300
## 5543 3369700
## 5544 3200000
## 5545 4279000
## 5546 3146900
## 5547 4618800
## 5548 9098700
## 5549 5679100
## 5550 4239800
## 5551 3689300
## 5552 4808200
## 5553 5371000
## 5554 4042700
## 5555 2678300
## 5556 2795800
## 5557 2851200
## 5558 2634300
## 5559 3895700
## 5560 2895300
## 5561 3217200
## 5562 3933600
## 5563 2283000
## 5564 3012300
## 5565 2441900
## 5566 2141700
## 5567 3037400
## 5568 3192100
## 5569 2645900
```

```
## 5570 1690300
## 5571 2628400
## 5572 2883400
## 5573 4345700
## 5574 4931900
## 5575 4317800
## 5576 2509300
## 5577 2981300
## 5578 2618200
## 5579 2558800
## 5580 3486900
## 5581 3185600
## 5582 2900000
## 5583 2703500
## 5584 2631300
## 5585 4136500
## 5586 4927100
## 5587 4493200
## 5588 2910900
## 5589 4470700
## 5590 4713300
## 5591 4956200
## 5592 6058200
## 5593 5070300
## 5594 4526900
## 5595 3701200
## 5596 2879800
## 5597 2905500
## 5598 3994000
## 5599 4893600
## 5600 3759100
## 5601 3018000
## 5602 2816300
## 5603 1929500
## 5604 2031800
## 5605 2653500
## 5606 5270800
## 5607 3080000
## 5608 3019700
## 5609 2419700
## 5610 3015100
## 5611 3058700
## 5612 3543000
## 5613 2324100
## 5614 3310800
## 5615 2496900
## 5616 2999500
## 5617 2613900
## 5618 2432800
## 5619 2823500
```

```
## 5620 1971300
## 5621 3675500
## 5622 1982400
## 5623 2505600
## 5624 2031500
## 5625 5341900
## 5626 2922300
## 5627 4616000
## 5628 3493200
## 5629 3536800
## 5630 3907200
## 5631 2644700
## 5632 3084500
## 5633 3301100
## 5634 3468200
## 5635 2471900
## 5636 2154700
## 5637 2542000
## 5638 2043500
## 5639 2575200
## 5640 3255000
## 5641 1910200
## 5642 3111700
## 5643 2763400
## 5644 2647400
## 5645 3362500
## 5646 2130400
## 5647 2111700
## 5648 2138200
## 5649 4446100
## 5650 9626400
## 5651 3708900
## 5652 2276900
## 5653 2449400
## 5654 2781200
## 5655 2790400
## 5656 2771900
## 5657 1885500
## 5658 2029800
## 5659 2651100
## 5660 2123300
## 5661 1946000
## 5662 2037600
## 5663 2989500
## 5664 2264800
## 5665 3927600
## 5666 2839500
## 5667 2270800
## 5668 2790000
## 5669 2662900
```

```
## 5670 2479100
## 5671 3486200
## 5672 3181200
## 5673 3025600
## 5674 1923400
## 5675 3925600
## 5676 3380900
## 5677 2670100
## 5678 2823800
## 5679 3117400
## 5680 2442800
## 5681 2514300
## 5682 2097600
## 5683 3095900
## 5684 2745700
## 5685 3145200
## 5686 3644400
## 5687 3351400
## 5688 2652800
## 5689 5150800
## 5690 2136400
## 5691 881300
## 5692 6005400
## 5693 6186600
## 5694 3674700
## 5695 2506500
## 5696 4029000
## 5697 3764400
## 5698 4061800
## 5699 4044900
## 5700 3508000
## 5701 3167300
## 5702 2853700
## 5703 2780800
## 5704 3440900
## 5705 2896600
## 5706 2659500
## 5707 3997300
## 5708 3707800
## 5709 3216300
## 5710 2484600
## 5711 3766200
## 5712 3528500
## 5713 2808000
## 5714 2088000
## 5715 6327400
## 5716 15567300
## 5717 5891700
## 5718 5289300
## 5719 4376200
```

```
## 5720 3183000
## 5721 5095300
## 5722 5056200
## 5723 5746000
## 5724 3334300
## 5725 3031800
## 5726 2606200
## 5727 2945600
## 5728 2561200
## 5729 3131300
## 5730 4646300
## 5731 6547000
## 5732 6219100
## 5733 5224600
## 5734 8144000
## 5735 9481000
## 5736 6761700
## 5737 7534500
## 5738 4772900
## 5739 4748200
## 5740 5273600
## 5741 7813200
## 5742 7133300
## 5743 5624800
## 5744 11346200
## 5745 8809700
## 5746 8917300
## 5747 10917100
## 5748 9645200
## 5749 10399900
## 5750 9817900
## 5751 7808500
## 5752 7147100
## 5753 6479100
## 5754 6221300
## 5755 5387900
## 5756 6126100
## 5757 5123600
## 5758 4121900
## 5759 4336000
## 5760 3609900
## 5761 5773200
## 5762 5114000
## 5763 3977300
## 5764 4646500
## 5765 6716700
## 5766 8087200
## 5767 6866600
## 5768 12038200
## 5769 7930000
```

```
## 5770 5770700
## 5771 7476700
## 5772 4212200
## 5773 5066600
## 5774 3824900
## 5775 5645600
## 5776 5269400
## 5777 4591600
## 5778 9534600
## 5779 9772600
## 5780 4865900
## 5781 3242500
## 5782 3117800
## 5783 3396400
## 5784 3206600
## 5785 3259200
## 5786 3074900
## 5787 4782900
## 5788 3648100
## 5789 4235000
## 5790 4357200
## 5791 4320500
## 5792 3998100
## 5793 5114400
## 5794 2867100
## 5795 3568200
## 5796 5056900
## 5797 3190200
## 5798 3509900
## 5799 2928900
## 5800 2529900
## 5801 2671000
## 5802 2948700
## 5803 3306400
## 5804 3970700
## 5805 5176000
## 5806 4946000
## 5807 5800100
## 5808 5436100
## 5809 3865100
## 5810 3585600
## 5811 2959300
## 5812 2487800
## 5813 5777000
## 5814 3208800
## 5815 4231700
## 5816 4526600
## 5817 2968700
## 5818 6500800
## 5819 4223400
```

```
## 5820 3769700
## 5821 6363400
## 5822 6593400
## 5823 6880600
## 5824 5257500
## 5825 5037600
## 5826 6388700
## 5827 5486000
## 5828 7720400
## 5829 7231900
## 5830 5788900
## 5831 6394200
## 5832 4761300
## 5833 7598200
## 5834 6121300
## 5835 4104200
## 5836 5656900
## 5837 5632400
## 5838 4170500
## 5839 3126700
## 5840 2974100
## 5841 6128300
## 5842 8085500
## 5843 5074700
## 5844 4694300
## 5845 3916500
## 5846 3940600
## 5847 3936100
## 5848 3167300
## 5849 3718100
## 5850 3522100
## 5851 3149000
## 5852 2751700
## 5853 2691200
## 5854 5346000
## 5855 4185100
## 5856 3332500
## 5857 3575900
## 5858 4666300
## 5859 3992800
## 5860 6508700
## 5861 4264800
## 5862 2897000
## 5863 4185900
## 5864 3432200
## 5865 3931500
## 5866 8161100
## 5867 8781800
## 5868 6094200
## 5869 5188700
```

```
## 5870 5330700
## 5871 5094000
## 5872 4529600
## 5873 4021500
## 5874 4512200
## 5875 6449100
## 5876 8892600
## 5877 6117900
## 5878 6948800
## 5879 5652700
## 5880 5529400
## 5881 4615200
## 5882 4224200
## 5883 3495800
## 5884 4896100
## 5885 4971900
## 5886 5613100
## 5887 3775300
## 5888 5086900
## 5889 4309400
## 5890 3174100
## 5891 4907900
## 5892 8364200
## 5893 5744700
## 5894 5812700
## 5895 5223400
## 5896 6474400
## 5897 5223600
## 5898 4509700
## 5899 4592700
## 5900 4212000
## 5901 3466700
## 5902 5901200
## 5903 4291000
## 5904 5588300
## 5905 6596500
## 5906 8386400
## 5907 7257400
## 5908 4897900
## 5909 6839000
## 5910 5789300
## 5911 4647300
## 5912 7190400
## 5913 6591000
## 5914 4366900
## 5915 4362000
## 5916 3756200
## 5917 3808700
## 5918 3444700
## 5919 2916800
```

```
## 5920 3010300
## 5921 3374400
## 5922 4708900
## 5923 3602100
## 5924 3790400
## 5925 2392900
## 5926 4063900
## 5927 4537000
## 5928 3129300
## 5929 2892000
## 5930 2913600
## 5931 2751300
## 5932 3286300
## 5933 4100800
## 5934 3030200
## 5935 3064700
## 5936 4155800
## 5937 3319500
## 5938 4427600
## 5939 3474300
## 5940 5995700
## 5941 3836800
## 5942 2369400
## 5943 2093800
## 5944 1451900
## 5945 5686800
## 5946 4872900
## 5947 3209300
## 5948 2957200
## 5949 4411400
## 5950 2655500
## 5951 4394800
## 5952 3514500
## 5953 3537700
## 5954 3683400
## 5955 3514600
## 5956 3321200
## 5957 3070900
## 5958 4244000
## 5959 3305100
## 5960 5309800
## 5961 4936100
## 5962 2821900
## 5963 3749800
## 5964 2955200
## 5965 4660200
## 5966 3149200
## 5967 4293600
## 5968 4160200
## 5969 7098600
```

```
## 5970 7088800
## 5971 3670700
## 5972 3620800
## 5973 3257400
## 5974 2203500
## 5975 3151600
## 5976 2301400
## 5977 2335300
## 5978 2574700
## 5979 3297500
## 5980 3027400
## 5981 4305200
## 5982 3515700
## 5983 4677200
## 5984 3011300
## 5985 4533800
## 5986 4275900
## 5987 2729100
## 5988 2595800
## 5989 3988700
## 5990 5481600
## 5991 5388600
## 5992 4185000
## 5993 4030000
## 5994 3012500
## 5995 2776400
## 5996 2421900
## 5997 2913600
## 5998 2538800
## 5999 3118600
## 6000 3649600
## 6001 4625400
## 6002 2902200
## 6003 3817300
## 6004 2959000
## 6005 3563500
## 6006 3312900
## 6007 2746000
## 6008 2337600
## 6009 3093900
## 6010 2940300
## 6011 3334900
## 6012 2537800
## 6013 3346200
## 6014 2812100
## 6015 4341500
## 6016 3281800
## 6017 3315800
## 6018 3145200
## 6019 3233600
```

```
## 6020 3186000
## 6021 2725400
## 6022 2623000
## 6023 2211200
## 6024 2580600
## 6025 3192800
## 6026 4880700
## 6027 3827100
## 6028 4631900
## 6029 7682400
## 6030 7009300
## 6031 5875500
## 6032 5439400
## 6033 3711300
## 6034 4447700
## 6035 4710300
## 6036 5838600
## 6037 4619800
## 6038 4936400
## 6039 3350900
## 6040 3325000
## 6041 3723900
## 6042 2828400
## 6043 2679700
## 6044 2633200
## 6045 4104900
## 6046 2422800
## 6047 3261100
## 6048 2384000
## 6049 2561200
## 6050 2329800
## 6051 2430000
## 6052 2014500
## 6053 2398300
## 6054 2249700
## 6055 2215800
## 6056 3416700
## 6057 2455500
## 6058 3476500
## 6059 2817400
## 6060 2569700
## 6061 2426200
## 6062 4202800
## 6063 5136500
## 6064 5247700
## 6065 3277100
## 6066 3345100
## 6067 2813300
## 6068 3832000
## 6069 3941000
```

```
## 6070 2242800
## 6071 2098400
## 6072 2404000
## 6073 2037100
## 6074 3169400
## 6075 6744800
## 6076 5328100
## 6077 5180600
## 6078 3748200
## 6079 2571600
## 6080 3845900
## 6081 3296600
## 6082 3185300
## 6083 4043700
## 6084 3784600
## 6085 3255700
## 6086 2319000
## 6087 3265400
## 6088 2436300
## 6089 2900100
## 6090 4131900
## 6091 2999400
## 6092 5520000
## 6093 9965600
## 6094 3353900
## 6095 4157300
## 6096 2183900
## 6097 2433500
## 6098 2637600
## 6099 2148200
## 6100 2412600
## 6101 2947200
## 6102 2314100
## 6103 2056700
## 6104 3319700
## 6105 3387900
## 6106 2804300
## 6107 3782900
## 6108 3358400
## 6109 3268100
## 6110 2551800
## 6111 1680300
## 6112 2098800
## 6113 2402400
## 6114 3192200
## 6115 4356400
## 6116 3629900
## 6117 2923700
## 6118 2575700
## 6119 2737900
```

```
## 6120 3053400
## 6121 2719200
## 6122 2397300
## 6123 2569000
## 6124 1936900
## 6125 2957500
## 6126 2583600
## 6127 4616600
## 6128 4669100
## 6129 2780900
## 6130 2411400
## 6131 2379400
## 6132 2116200
## 6133 3634500
## 6134 4430800
## 6135 2562300
## 6136 2842400
## 6137 2835600
## 6138 4523100
## 6139 3269200
## 6140 2533000
## 6141 2409100
## 6142 1998200
## 6143 2034200
## 6144 1819600
## 6145 2420100
## 6146 2109500
## 6147 5179900
## 6148 3174100
## 6149 2386100
## 6150 2139800
## 6151 1881400
## 6152 3139100
## 6153 2226000
## 6154 2698300
## 6155 2702200
## 6156 5708700
## 6157 6486100
## 6158 3608900
## 6159 2627600
## 6160 3397200
## 6161 5353000
## 6162 4997000
## 6163 3074000
## 6164 4294900
## 6165 4027400
## 6166 2264400
## 6167 2689400
## 6168 2929700
## 6169 2217100
```

```
## 6170 2560300
## 6171 5703500
## 6172 4936700
## 6173 4842200
## 6174 3690200
## 6175 2328000
## 6176 2991300
## 6177 3265600
## 6178 4001100
## 6179 3745800
## 6180 3236300
## 6181 4035600
## 6182 3443000
## 6183 3320500
## 6184 2262700
## 6185 2303100
## 6186 3034500
## 6187 3108500
## 6188 2798800
## 6189 3789700
## 6190 3043800
## 6191 4277100
## 6192 2868600
## 6193 2797800
## 6194 2751800
## 6195 1839400
## 6196 2934400
## 6197 2731900
## 6198 1787700
## 6199 1879200
## 6200 2391500
## 6201 3176000
## 6202 3536300
## 6203 3215100
## 6204 2597900
## 6205 2330300
## 6206 4389900
## 6207 3140300
## 6208 2501500
## 6209 2609400
## 6210 2298700
## 6211 3364600
## 6212 2662100
## 6213 3598700
## 6214 8198600
## 6215 7781200
## 6216 4541200
## 6217 4780100
## 6218 3875800
## 6219 3719600
```

```
## 6220 3915400
## 6221 2961000
## 6222 4366500
## 6223 11276600
## 6224 12672800
## 6225 5131200
## 6226 3802000
## 6227 3439300
## 6228 3413400
## 6229 3855000
## 6230 4161500
## 6231 2822000
## 6232 2635200
## 6233 3201600
## 6234 3180200
## 6235 3306400
## 6236 3212200
## 6237 5039300
## 6238 3119800
## 6239 2878500
## 6240 2243700
## 6241 2366700
## 6242 3259900
## 6243 3046700
## 6244 4346700
## 6245 4583100
## 6246 4132800
## 6247 6753100
## 6248 3440500
## 6249 3704300
## 6250 3779200
## 6251 4247900
## 6252 3646700
## 6253 5141300
## 6254 3326900
## 6255 3204300
## 6256 2790600
## 6257 2834900

library(dplyr)

## Warning: package 'dplyr' was built under R version 4.3.2

##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##     filter, lag
```

```

## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union

glimpse(df)

## Rows: 6,257
## Columns: 7
## $ Date      <chr> "1997-05-15", "1997-05-16", "1997-05-19", "1997-05-20",
## "199...
## $ Open      <dbl> 2.437500, 1.968750, 1.760417, 1.729167, 1.635417,
## 1.437500, ...
## $ High      <dbl> 2.500000, 1.979167, 1.770833, 1.750000, 1.645833,
## 1.447917, ...
## $ Low       <dbl> 1.927083, 1.708333, 1.625000, 1.635417, 1.375000,
## 1.312500, ...
## $ Close     <dbl> 1.958333, 1.729167, 1.708333, 1.635417, 1.427083,
## 1.395833, ...
## $ Adj.Close <dbl> 1.958333, 1.729167, 1.708333, 1.635417, 1.427083,
## 1.395833, ...
## $ Volume    <int> 72156000, 14700000, 6106800, 5467200, 18853200,
## 11776800, 15...

head(df,5)

##           Date   Open   High   Low   Close Adj.Close   Volume
## 1 1997-05-15 2.437500 2.500000 1.927083 1.958333 1.958333 72156000
## 2 1997-05-16 1.968750 1.979167 1.708333 1.729167 1.729167 14700000
## 3 1997-05-19 1.760417 1.770833 1.625000 1.708333 1.708333 6106800
## 4 1997-05-20 1.729167 1.750000 1.635417 1.635417 1.635417 5467200
## 5 1997-05-21 1.635417 1.645833 1.375000 1.427083 1.427083 18853200

tail(df,5)

##           Date   Open   High   Low   Close Adj.Close   Volume
## 6253 2022-03-18 3136.26 3231.88 3120.22 3225.01 3225.01 5141300
## 6254 2022-03-21 3222.42 3261.68 3191.06 3229.83 3229.83 3326900
## 6255 2022-03-22 3236.11 3323.34 3233.98 3297.78 3297.78 3204300
## 6256 2022-03-23 3274.10 3327.40 3253.74 3268.16 3268.16 2790600
## 6257 2022-03-24 3274.99 3282.37 3201.00 3272.99 3272.99 2834900

summary(df)

##           Date              Open             High             Low
## Length:6257      Min.   : 1.406   Min.   : 1.448   Min.   : 1.312
## Class :character  1st Qu.: 39.010  1st Qu.: 39.800  1st Qu.: 38.360
## Mode  :character  Median :105.930  Median :110.625  Median :101.500
##                  Mean   :565.006  Mean   :571.346  Mean   :558.005
##                  3rd Qu.:596.140  3rd Qu.:600.750  3rd Qu.:588.300
##                  Max.  :3744.000  Max.  :3773.080  Max.  :3696.790
##           Close            Adj.Close            Volume
## Min.   : 1.396   Min.   : 1.396   Min.   : 487200

```

```

## 1st Qu.: 39.060 1st Qu.: 39.060 1st Qu.: 3536500
## Median : 103.625 Median : 103.625 Median : 5424200
## Mean   : 564.817 Mean   : 564.817 Mean   : 7270525
## 3rd Qu.: 593.860 3rd Qu.: 593.860 3rd Qu.: 8242900
## Max.   :3731.410 Max.   :3731.410 Max.   :104329200

range_high_low = max(df$High) - min(df$Low); range_high_low
## [1] 3771.768

# Function to fill NA with the mean of the column
fill_na_with_mean <- function(df) {
  df %>%
    mutate(
      Open = ifelse(is.na(Open), mean(Open, na.rm = TRUE), Open),
      High = ifelse(is.na(High), mean(High, na.rm = TRUE), High),
      Low = ifelse(is.na(Low), mean(Low, na.rm = TRUE), Low),
      Close = ifelse(is.na(Close), mean(Close, na.rm = TRUE), Close),
      Adj.Close = ifelse(is.na(Adj.Close), mean(Adj.Close, na.rm = TRUE),
      Adj.Close),
      Volume = ifelse(is.na(Volume), mean(Volume, na.rm = TRUE), Volume)
    )
}

# Apply the function to your data frame
df1 <- fill_na_with_mean(df); df1

##          Date      Open      High       Low     Close
Adj.Close
## 1 1997-05-15 2.437500 2.500000 1.927083 1.958333
1.958333
## 2 1997-05-16 1.968750 1.979167 1.708333 1.729167
1.729167
## 3 1997-05-19 1.760417 1.770833 1.625000 1.708333
1.708333
## 4 1997-05-20 1.729167 1.750000 1.635417 1.635417
1.635417
## 5 1997-05-21 1.635417 1.645833 1.375000 1.427083
1.427083
## 6 1997-05-22 1.437500 1.447917 1.312500 1.395833
1.395833
## 7 1997-05-23 1.406250 1.520833 1.333333 1.500000
1.500000
## 8 1997-05-27 1.510417 1.645833 1.458333 1.583333
1.583333
## 9 1997-05-28 1.625000 1.635417 1.531250 1.531250
1.531250
## 10 1997-05-29 1.541667 1.541667 1.479167 1.505208
1.505208
## 11 1997-05-30 1.500000 1.510417 1.479167 1.500000
1.500000

```

## 12	1997-06-02	1.510417	1.531250	1.500000	1.510417
1.510417					
## 13	1997-06-03	1.531250	1.531250	1.479167	1.479167
1.479167					
## 14	1997-06-04	1.479167	1.489583	1.395833	1.416667
1.416667					
## 15	1997-06-05	1.416667	1.541667	1.375000	1.541667
1.541667					
## 16	1997-06-06	1.515625	1.708333	1.510417	1.656250
1.656250					
## 17	1997-06-09	1.656250	1.708333	1.656250	1.687500
1.687500					
## 18	1997-06-10	1.708333	1.708333	1.531250	1.583333
1.583333					
## 19	1997-06-11	1.593750	1.604167	1.531250	1.541667
1.541667					
## 20	1997-06-12	1.583333	1.645833	1.552083	1.604167
1.604167					
## 21	1997-06-13	1.625000	1.625000	1.583333	1.583333
1.583333					
## 22	1997-06-16	1.604167	1.604167	1.562500	1.572917
1.572917					
## 23	1997-06-17	1.598958	1.598958	1.494792	1.505208
1.505208					
## 24	1997-06-18	1.520833	1.536458	1.500000	1.510417
1.510417					
## 25	1997-06-19	1.510417	1.531250	1.500000	1.510417
1.510417					
## 26	1997-06-20	1.531250	1.552083	1.500000	1.526042
1.526042					
## 27	1997-06-23	1.541667	1.541667	1.479167	1.500000
1.500000					
## 28	1997-06-24	1.505208	1.526042	1.479167	1.510417
1.510417					
## 29	1997-06-25	1.526042	1.526042	1.489583	1.510417
1.510417					
## 30	1997-06-26	1.520833	1.520833	1.505208	1.510417
1.510417					
## 31	1997-06-27	1.515625	1.515625	1.479167	1.489583
1.489583					
## 32	1997-06-30	1.510417	1.598958	1.479167	1.541667
1.541667					
## 33	1997-07-01	1.541667	1.541667	1.510417	1.515625
1.515625					
## 34	1997-07-02	1.515625	1.593750	1.510417	1.588542
1.588542					
## 35	1997-07-03	1.598958	1.916667	1.593750	1.911458
1.911458					
## 36	1997-07-07	1.833333	2.020833	1.833333	2.000000
2.000000					

## 37	1997-07-08	2.041667	2.333333	2.041667	2.302083
2.302083					
## 38	1997-07-09	2.302083	2.385417	2.270833	2.322917
2.322917					
## 39	1997-07-10	2.333333	2.572917	2.333333	2.562500
2.562500					
## 40	1997-07-11	2.520833	2.520833	2.208333	2.291667
2.291667					
## 41	1997-07-14	2.322917	2.333333	2.114583	2.135417
2.135417					
## 42	1997-07-15	2.135417	2.479167	2.135417	2.437500
2.437500					
## 43	1997-07-16	2.447917	2.494792	2.302083	2.333333
2.333333					
## 44	1997-07-17	2.343750	2.343750	2.156250	2.218750
2.218750					
## 45	1997-07-18	2.187500	2.218750	2.156250	2.156250
2.156250					
## 46	1997-07-21	2.177083	2.197917	2.145833	2.182292
2.182292					
## 47	1997-07-22	2.166667	2.187500	2.062500	2.135417
2.135417					
## 48	1997-07-23	2.187500	2.333333	2.177083	2.291667
2.291667					
## 49	1997-07-24	2.302083	2.312500	2.218750	2.260417
2.260417					
## 50	1997-07-25	2.218750	2.250000	2.218750	2.229167
2.229167					
## 51	1997-07-28	2.229167	2.395833	2.218750	2.322917
2.322917					
## 52	1997-07-29	2.364583	2.500000	2.333333	2.479167
2.479167					
## 53	1997-07-30	2.500000	2.505208	2.427083	2.447917
2.447917					
## 54	1997-07-31	2.437500	2.437500	2.333333	2.395833
2.395833					
## 55	1997-08-01	2.343750	2.416667	2.250000	2.416667
2.416667					
## 56	1997-08-04	2.375000	2.411458	2.302083	2.312500
2.312500					
## 57	1997-08-05	2.333333	2.333333	2.145833	2.208333
2.208333					
## 58	1997-08-06	2.208333	2.312500	2.187500	2.250000
2.250000					
## 59	1997-08-07	2.250000	2.260417	2.125000	2.177083
2.177083					
## 60	1997-08-08	2.166667	2.302083	2.104167	2.291667
2.291667					
## 61	1997-08-11	2.291667	2.333333	2.250000	2.328125
2.328125					

## 62	1997-08-12	2.281250	2.302083	2.197917	2.197917
2.197917					
## 63	1997-08-13	2.229167	2.229167	2.166667	2.197917
2.197917					
## 64	1997-08-14	2.177083	2.250000	2.119792	2.156250
2.156250					
## 65	1997-08-15	2.135417	2.156250	1.937500	2.114583
2.114583					
## 66	1997-08-18	2.052083	2.052083	1.968750	2.041667
2.041667					
## 67	1997-08-19	2.093750	2.208333	2.052083	2.166667
2.166667					
## 68	1997-08-20	2.187500	2.187500	2.072917	2.166667
2.166667					
## 69	1997-08-21	2.135417	2.171875	2.072917	2.114583
2.114583					
## 70	1997-08-22	2.104167	2.125000	2.093750	2.125000
2.125000					
## 71	1997-08-25	2.104167	2.260417	2.104167	2.218750
2.218750					
## 72	1997-08-26	2.239583	2.354167	2.229167	2.343750
2.343750					
## 73	1997-08-27	2.307292	2.322917	2.250000	2.317708
2.317708					
## 74	1997-08-28	2.302083	2.395833	2.281250	2.375000
2.375000					
## 75	1997-08-29	2.364583	2.375000	2.322917	2.338542
2.338542					
## 76	1997-09-02	2.343750	2.375000	2.333333	2.354167
2.354167					
## 77	1997-09-03	2.343750	2.416667	2.312500	2.333333
2.333333					
## 78	1997-09-04	2.364583	2.552083	2.343750	2.552083
2.552083					
## 79	1997-09-05	2.583333	2.666667	2.458333	2.500000
2.500000					
## 80	1997-09-08	2.531250	3.020833	2.500000	3.000000
3.000000					
## 81	1997-09-09	3.140625	3.385417	3.026042	3.239583
3.239583					
## 82	1997-09-10	3.312500	3.328125	3.125000	3.302083
3.302083					
## 83	1997-09-11	3.333333	3.333333	3.041667	3.156250
3.156250					
## 84	1997-09-12	3.187500	3.697917	3.156250	3.687500
3.687500					
## 85	1997-09-15	3.666667	3.677083	3.052083	3.093750
3.093750					
## 86	1997-09-16	3.125000	3.541667	3.119792	3.354167
3.354167					

## 87	1997-09-17	3.458333	3.500000	3.333333	3.406250
3.406250					
## 88	1997-09-18	3.437500	3.468750	3.281250	3.291667
3.291667					
## 89	1997-09-19	3.380208	4.083333	3.375000	3.947917
3.947917					
## 90	1997-09-22	4.000000	4.677083	3.947917	4.500000
4.500000					
## 91	1997-09-23	4.489583	4.645833	4.395833	4.625000
4.625000					
## 92	1997-09-24	4.645833	4.812500	4.291667	4.375000
4.375000					
## 93	1997-09-25	4.343750	4.354167	4.052083	4.078125
4.078125					
## 94	1997-09-26	4.072917	4.260417	4.052083	4.166667
4.166667					
## 95	1997-09-29	4.145833	4.187500	3.958333	4.041667
4.041667					
## 96	1997-09-30	4.000000	4.348958	3.802083	4.338542
4.338542					
## 97	1997-10-01	4.437500	4.500000	3.937500	4.020833
4.020833					
## 98	1997-10-02	4.041667	4.177083	3.989583	4.010417
4.010417					
## 99	1997-10-03	4.083333	4.125000	3.979167	4.015625
4.015625					
## 100	1997-10-06	4.000000	4.125000	3.942708	4.125000
4.125000					
## 101	1997-10-07	4.083333	4.187500	4.041667	4.057292
4.057292					
## 102	1997-10-08	4.145833	4.166667	3.984375	4.005208
4.005208					
## 103	1997-10-09	4.000000	4.020833	3.739583	3.750000
3.750000					
## 104	1997-10-10	3.729167	4.062500	3.666667	3.901042
3.901042					
## 105	1997-10-13	3.927083	4.041667	3.927083	4.000000
4.000000					
## 106	1997-10-14	4.062500	4.104167	3.833333	3.979167
3.979167					
## 107	1997-10-15	3.968750	3.968750	3.770833	3.921875
3.921875					
## 108	1997-10-16	3.979167	3.979167	3.604167	3.625000
3.625000					
## 109	1997-10-17	3.614583	3.656250	3.520833	3.625000
3.625000					
## 110	1997-10-20	3.677083	3.875000	3.666667	3.822917
3.822917					
## 111	1997-10-21	3.958333	4.437500	3.854167	4.427083
4.427083					

## 112	1997-10-22	4.416667	4.619792	4.375000	4.520833
4.520833					
## 113	1997-10-23	4.229167	4.562500	4.187500	4.500000
4.500000					
## 114	1997-10-24	4.750000	5.062500	4.541667	5.026042
5.026042					
## 115	1997-10-27	4.802083	5.010417	4.229167	4.270833
4.270833					
## 116	1997-10-28	3.916667	5.000000	3.875000	4.947917
4.947917					
## 117	1997-10-29	5.145833	5.500000	5.000000	5.390625
5.390625					
## 118	1997-10-30	5.208333	5.354167	5.041667	5.125000
5.125000					
## 119	1997-10-31	5.364583	5.458333	4.968750	5.083333
5.083333					
## 120	1997-11-03	5.218750	5.218750	4.947917	5.072917
5.072917					
## 121	1997-11-04	5.000000	5.052083	4.822917	4.958333
4.958333					
## 122	1997-11-05	4.979167	5.119792	4.875000	4.875000
4.875000					
## 123	1997-11-06	4.916667	4.916667	4.635417	4.661458
4.661458					
## 124	1997-11-07	4.416667	4.640625	4.385417	4.479167
4.479167					
## 125	1997-11-10	4.500000	4.562500	4.208333	4.208333
4.208333					
## 126	1997-11-11	4.244792	4.312500	3.916667	3.947917
3.947917					
## 127	1997-11-12	3.776042	4.187500	3.666667	3.770833
3.770833					
## 128	1997-11-13	3.947917	3.968750	3.770833	3.859375
3.859375					
## 129	1997-11-14	3.937500	4.208333	3.781250	4.166667
4.166667					
## 130	1997-11-17	4.229167	4.541667	4.218750	4.375000
4.375000					
## 131	1997-11-18	4.375000	4.479167	4.343750	4.416667
4.416667					
## 132	1997-11-19	4.406250	4.520833	4.312500	4.510417
4.510417					
## 133	1997-11-20	4.572917	4.604167	4.510417	4.583333
4.583333					
## 134	1997-11-21	4.552083	4.583333	4.489583	4.489583
4.489583					
## 135	1997-11-24	4.375000	4.416667	4.229167	4.229167
4.229167					
## 136	1997-11-25	4.239583	4.333333	4.041667	4.203125
4.203125					

## 137	1997-11-26	4.239583	4.411458	4.239583	4.260417
4.260417					
## 138	1997-11-28	4.270833	4.333333	4.114583	4.125000
4.125000					
## 139	1997-12-01	4.239583	4.375000	4.135417	4.270833
4.270833					
## 140	1997-12-02	4.260417	4.302083	4.177083	4.234375
4.234375					
## 141	1997-12-03	4.197917	4.375000	4.187500	4.364583
4.364583					
## 142	1997-12-04	4.401042	4.552083	4.385417	4.500000
4.500000					
## 143	1997-12-05	4.437500	4.593750	4.354167	4.593750
4.593750					
## 144	1997-12-08	4.541667	4.770833	4.520833	4.708333
4.708333					
## 145	1997-12-09	4.666667	4.770833	4.604167	4.687500
4.687500					
## 146	1997-12-10	4.583333	4.625000	4.395833	4.510417
4.510417					
## 147	1997-12-11	4.395833	4.833333	4.395833	4.687500
4.687500					
## 148	1997-12-12	4.645833	4.802083	4.406250	4.541667
4.541667					
## 149	1997-12-15	4.583333	4.666667	4.406250	4.583333
4.583333					
## 150	1997-12-16	4.645833	4.645833	4.458333	4.458333
4.458333					
## 151	1997-12-17	4.375000	4.458333	4.255208	4.390625
4.390625					
## 152	1997-12-18	4.354167	4.427083	4.229167	4.291667
4.291667					
## 153	1997-12-19	4.229167	4.520833	4.166667	4.500000
4.500000					
## 154	1997-12-22	4.500000	4.781250	4.432292	4.697917
4.697917					
## 155	1997-12-23	4.687500	4.739583	4.625000	4.625000
4.625000					
## 156	1997-12-24	4.625000	4.708333	4.468750	4.604167
4.604167					
## 157	1997-12-26	4.562500	4.645833	4.489583	4.520833
4.520833					
## 158	1997-12-29	4.583333	4.781250	4.531250	4.750000
4.750000					
## 159	1997-12-30	4.833333	4.906250	4.781250	4.848958
4.848958					
## 160	1997-12-31	4.875000	5.041667	4.843750	5.020833
5.020833					
## 161	1998-01-02	5.000000	5.000000	4.796875	4.958333
4.958333					

## 162	1998-01-05	4.885417	4.937500	4.708333	4.750000
4.750000					
## 163	1998-01-06	4.697917	4.875000	4.666667	4.838542
4.838542					
## 164	1998-01-07	4.833333	4.833333	4.692708	4.781250
4.781250					
## 165	1998-01-08	4.697917	4.703125	4.531250	4.614583
4.614583					
## 166	1998-01-09	4.666667	4.666667	4.229167	4.260417
4.260417					
## 167	1998-01-12	4.166667	4.385417	4.145833	4.302083
4.302083					
## 168	1998-01-13	4.343750	4.666667	4.322917	4.645833
4.645833					
## 169	1998-01-14	4.656250	4.875000	4.625000	4.875000
4.875000					
## 170	1998-01-15	4.791667	5.010417	4.791667	4.953125
4.953125					
## 171	1998-01-16	4.958333	4.979167	4.770833	4.791667
4.791667					
## 172	1998-01-20	4.822917	5.010417	4.812500	4.953125
4.953125					
## 173	1998-01-21	4.937500	5.166667	4.875000	5.072917
5.072917					
## 174	1998-01-22	5.072917	5.270833	5.020833	5.135417
5.135417					
## 175	1998-01-23	5.343750	5.343750	4.937500	4.937500
4.937500					
## 176	1998-01-26	4.979167	4.989583	4.739583	4.812500
4.812500					
## 177	1998-01-27	4.817708	4.864583	4.666667	4.750000
4.750000					
## 178	1998-01-28	4.750000	4.833333	4.625000	4.770833
4.770833					
## 179	1998-01-29	4.791667	4.989583	4.781250	4.958333
4.958333					
## 180	1998-01-30	5.000000	5.062500	4.885417	4.916667
4.916667					
## 181	1998-02-02	4.947917	5.208333	4.937500	5.197917
5.197917					
## 182	1998-02-03	5.187500	5.250000	5.093750	5.151042
5.151042					
## 183	1998-02-04	5.062500	5.187500	5.052083	5.062500
5.062500					
## 184	1998-02-05	5.114583	5.114583	4.875000	4.937500
4.937500					
## 185	1998-02-06	4.927083	5.020833	4.875000	4.906250
4.906250					
## 186	1998-02-09	4.916667	4.958333	4.770833	4.854167
4.854167					

## 187	1998-02-10	4.875000	5.317708	4.833333	5.302083
5.302083					
## 188	1998-02-11	5.291667	5.463542	5.281250	5.291667
5.291667					
## 189	1998-02-12	5.270833	5.302083	5.187500	5.260417
5.260417					
## 190	1998-02-13	5.250000	5.270833	5.145833	5.187500
5.187500					
## 191	1998-02-17	5.218750	5.218750	5.072917	5.145833
5.145833					
## 192	1998-02-18	5.145833	5.145833	5.052083	5.072917
5.072917					
## 193	1998-02-19	5.109375	5.291667	5.083333	5.229167
5.229167					
## 194	1998-02-20	5.229167	5.291667	5.114583	5.270833
5.270833					
## 195	1998-02-23	5.291667	5.416667	5.208333	5.406250
5.406250					
## 196	1998-02-24	5.416667	5.677083	5.354167	5.406250
5.406250					
## 197	1998-02-25	5.468750	5.541667	5.260417	5.489583
5.489583					
## 198	1998-02-26	5.463542	6.083333	5.437500	6.062500
6.062500					
## 199	1998-02-27	6.020833	6.635417	5.984375	6.416667
6.416667					
## 200	1998-03-02	6.322917	6.437500	6.250000	6.354167
6.354167					
## 201	1998-03-03	6.291667	6.312500	5.958333	5.979167
5.979167					
## 202	1998-03-04	6.000000	6.187500	5.833333	6.119792
6.119792					
## 203	1998-03-05	5.979167	6.515625	5.937500	6.250000
6.250000					
## 204	1998-03-06	6.302083	6.416667	6.145833	6.395833
6.395833					
## 205	1998-03-09	6.406250	7.145833	6.395833	6.958333
6.958333					
## 206	1998-03-10	7.125000	7.354167	6.906250	6.925781
6.925781					
## 207	1998-03-11	6.833333	6.875000	6.520833	6.635417
6.635417					
## 208	1998-03-12	6.562500	6.760417	6.427083	6.541667
6.541667					
## 209	1998-03-13	6.635417	6.739583	6.479167	6.557292
6.557292					
## 210	1998-03-16	6.630208	6.729167	6.583333	6.583333
6.583333					
## 211	1998-03-17	6.645833	6.687500	6.489583	6.656250
6.656250					

## 212	1998-03-18	6.604167	7.145833	6.604167	7.109375
7.109375					
## 213	1998-03-19	7.114583	7.291667	6.979167	7.000000
7.000000					
## 214	1998-03-20	7.000000	7.072917	6.927083	7.000000
7.000000					
## 215	1998-03-23	6.963542	7.062500	6.895833	6.984375
6.984375					
## 216	1998-03-24	6.875000	7.229167	6.875000	7.020833
7.020833					
## 217	1998-03-25	7.083333	7.145833	6.750000	6.807292
6.807292					
## 218	1998-03-26	6.812500	6.979167	6.625000	6.895833
6.895833					
## 219	1998-03-27	7.020833	7.260417	6.895833	7.083333
7.083333					
## 220	1998-03-30	7.156250	7.291667	7.093750	7.156250
7.156250					
## 221	1998-03-31	7.114583	7.208333	6.979167	7.127604
7.127604					
## 222	1998-04-01	7.104167	7.531250	7.002604	7.510417
7.510417					
## 223	1998-04-02	7.593750	8.062500	7.479167	7.921875
7.921875					
## 224	1998-04-03	8.020833	8.031250	7.687500	7.750000
7.750000					
## 225	1998-04-06	7.854167	7.895833	7.354167	7.385417
7.385417					
## 226	1998-04-07	7.250000	7.270833	7.062500	7.166667
7.166667					
## 227	1998-04-08	7.197917	7.479167	7.125000	7.385417
7.385417					
## 228	1998-04-09	7.697917	8.000000	7.635417	7.937500
7.937500					
## 229	1998-04-13	7.906250	8.020833	7.666667	7.859375
7.859375					
## 230	1998-04-14	7.822917	8.322917	7.770833	8.098958
8.098958					
## 231	1998-04-15	8.166667	8.333333	7.875000	8.010417
8.010417					
## 232	1998-04-16	8.010417	8.276042	7.765625	8.208333
8.208333					
## 233	1998-04-17	7.984375	8.104167	7.875000	7.906250
7.906250					
## 234	1998-04-20	7.947917	8.291667	7.812500	7.854167
7.854167					
## 235	1998-04-21	7.937500	7.947917	7.593750	7.755208
7.755208					
## 236	1998-04-22	7.770833	7.802083	7.250000	7.270833
7.270833					

## 237	1998-04-23	7.250000	7.250000	6.708333	6.750000
6.750000					
## 238	1998-04-24	6.833333	7.312500	6.791667	7.072917
7.072917					
## 239	1998-04-27	6.947917	7.052083	6.427083	6.895833
6.895833					
## 240	1998-04-28	7.739583	8.291667	7.421875	7.968750
7.968750					
## 241	1998-04-29	8.104167	8.218750	7.802083	7.958333
7.958333					
## 242	1998-04-30	8.125000	8.166667	7.541667	7.645833
7.645833					
## 243	1998-05-01	7.729167	7.927083	7.541667	7.875000
7.875000					
## 244	1998-05-04	7.916667	7.989583	7.781250	7.937500
7.937500					
## 245	1998-05-05	7.833333	7.958333	7.760417	7.809896
7.809896					
## 246	1998-05-06	7.833333	7.833333	7.510417	7.531250
7.531250					
## 247	1998-05-07	7.583333	7.750000	7.354167	7.583333
7.583333					
## 248	1998-05-08	7.604167	7.729167	7.458333	7.697917
7.697917					
## 249	1998-05-11	7.744792	7.750000	7.208333	7.239583
7.239583					
## 250	1998-05-12	7.312500	7.661458	7.218750	7.614583
7.614583					
## 251	1998-05-13	7.541667	7.833333	7.479167	7.739583
7.739583					
## 252	1998-05-14	7.666667	7.885417	7.583333	7.630208
7.630208					
## 253	1998-05-15	7.656250	7.708333	7.458333	7.468750
7.468750					
## 254	1998-05-18	7.500000	7.552083	7.229167	7.338542
7.338542					
## 255	1998-05-19	7.468750	7.552083	7.437500	7.531250
7.531250					
## 256	1998-05-20	7.531250	7.625000	7.354167	7.385417
7.385417					
## 257	1998-05-21	7.458333	7.500000	7.276042	7.395833
7.395833					
## 258	1998-05-22	7.364583	7.385417	7.125000	7.166667
7.166667					
## 259	1998-05-26	7.171875	7.239583	6.739583	6.822917
6.822917					
## 260	1998-05-27	6.697917	7.281250	6.645833	7.218750
7.218750					
## 261	1998-05-28	7.270833	7.312500	7.104167	7.161458
7.161458					

## 262 1998-05-29	7.156250	7.416667	7.125000	7.343750
7.343750				
## 263 1998-06-01	7.333333	7.375000	6.942708	7.135417
7.135417				
## 264 1998-06-02	7.270833	7.416667	6.916667	7.281250
7.281250				
## 265 1998-06-03	7.479167	7.541667	7.000000	7.041667
7.041667				
## 266 1998-06-04	7.156250	7.322917	6.875000	7.312500
7.312500				
## 267 1998-06-05	7.291667	7.395833	7.187500	7.375000
7.375000				
## 268 1998-06-08	7.302083	7.718750	7.250000	7.708333
7.708333				
## 269 1998-06-09	7.739583	8.645833	7.708333	8.541667
8.541667				
## 270 1998-06-10	8.604167	9.375000	8.500000	9.020833
9.020833				
## 271 1998-06-11	9.208333	10.437500	9.166667	10.416667
10.416667				
## 272 1998-06-12	10.583333	10.583333	9.708333	10.166667
10.166667				
## 273 1998-06-15	9.916667	11.416667	9.854167	10.958333
10.958333				
## 274 1998-06-16	11.125000	12.291667	11.083333	12.270833
12.270833				
## 275 1998-06-17	12.645833	13.531250	12.562500	13.166667
13.166667				
## 276 1998-06-18	13.500000	13.750000	11.958333	12.020833
12.020833				
## 277 1998-06-19	11.843750	12.708333	11.333333	12.635417
12.635417				
## 278 1998-06-22	12.458333	13.729167	12.041667	13.562500
13.562500				
## 279 1998-06-23	13.510417	15.458333	13.416667	15.447917
15.447917				
## 280 1998-06-24	15.833333	16.791668	14.854167	16.635418
16.635418				
## 281 1998-06-25	16.666668	17.458332	16.000000	16.510418
16.510418				
## 282 1998-06-26	16.250000	16.708332	15.625000	15.708333
15.708333				
## 283 1998-06-29	15.791667	16.604168	15.791667	16.458332
16.458332				
## 284 1998-06-30	16.302082	16.916668	16.125000	16.625000
16.625000				
## 285 1998-07-01	16.968750	19.083332	16.791668	19.020832
19.020832				
## 286 1998-07-02	19.291668	20.916668	18.750000	20.666668
20.666668				

## 287	1998-07-06	21.229168	23.458332	20.916668	23.250000
23.250000					
## 288	1998-07-07	23.833332	23.958332	20.166668	20.354168
20.354168					
## 289	1998-07-08	18.645832	19.833332	17.062500	17.854168
17.854168					
## 290	1998-07-09	18.437500	19.416668	17.500000	17.583332
17.583332					
## 291	1998-07-10	17.166668	17.645832	16.354168	16.583332
16.583332					
## 292	1998-07-13	16.083332	18.000000	15.708333	17.937500
17.937500					
## 293	1998-07-14	18.083332	19.291668	17.833332	19.166668
19.166668					
## 294	1998-07-15	19.333332	19.562500	18.291668	18.750000
18.750000					
## 295	1998-07-16	18.906250	19.166668	18.083332	18.895832
18.895832					
## 296	1998-07-17	18.729168	20.083332	18.645832	19.968750
19.968750					
## 297	1998-07-20	20.187500	23.354168	19.958332	22.916668
22.916668					
## 298	1998-07-21	22.875000	24.500000	21.333332	22.010418
22.010418					
## 299	1998-07-22	22.333332	23.312500	21.750000	22.333332
22.333332					
## 300	1998-07-23	21.666668	23.083332	21.166668	21.270832
21.270832					
## 301	1998-07-24	21.541668	21.916668	19.500000	20.708332
20.708332					
## 302	1998-07-27	19.854168	21.229168	19.270832	20.927082
20.927082					
## 303	1998-07-28	20.739582	21.000000	19.666668	19.822918
19.822918					
## 304	1998-07-29	20.083332	20.250000	17.916668	17.968750
17.968750					
## 305	1998-07-30	18.625000	19.166668	17.583332	18.958332
18.958332					
## 306	1998-07-31	19.083332	19.187500	18.187500	18.479168
18.479168					
## 307	1998-08-03	18.291668	18.583332	17.875000	18.041668
18.041668					
## 308	1998-08-04	18.354168	19.020832	18.020832	18.312500
18.312500					
## 309	1998-08-05	18.802082	18.854168	16.666668	17.697918
17.697918					
## 310	1998-08-06	17.395832	18.750000	17.177082	18.250000
18.250000					
## 311	1998-08-07	18.541668	19.812500	18.229168	19.333332
19.333332					

## 312	1998-08-10	19.500000	20.312500	19.166668	20.270832
20.270832					
## 313	1998-08-11	19.250000	21.145832	19.208332	20.666668
20.666668					
## 314	1998-08-12	21.125000	21.916668	20.677082	21.729168
21.729168					
## 315	1998-08-13	21.770832	22.500000	21.166668	21.250000
21.250000					
## 316	1998-08-14	21.781250	21.791668	20.041668	20.458332
20.458332					
## 317	1998-08-17	20.125000	20.531250	19.750000	19.947918
19.947918					
## 318	1998-08-18	20.197918	21.520832	19.854168	21.447918
21.447918					
## 319	1998-08-19	21.875000	22.291668	21.166668	21.458332
21.458332					
## 320	1998-08-20	21.041668	21.625000	20.916668	21.520832
21.520832					
## 321	1998-08-21	21.208332	21.713543	20.541668	21.614582
21.614582					
## 322	1998-08-24	21.708332	22.500000	21.687500	22.458332
22.458332					
## 323	1998-08-25	22.906250	22.916668	21.791668	21.937500
21.937500					
## 324	1998-08-26	21.625000	21.708332	21.135418	21.208332
21.208332					
## 325	1998-08-27	20.729168	20.833332	19.833332	19.833332
19.833332					
## 326	1998-08-28	19.958332	20.145832	17.208332	17.648438
17.648438					
## 327	1998-08-31	17.572918	17.937500	13.854167	13.958333
13.958333					
## 328	1998-09-01	12.687500	14.437500	10.833333	13.325521
13.325521					
## 329	1998-09-02	13.854167	16.000000	13.666667	14.645833
14.645833					
## 330	1998-09-03	13.937500	15.041667	13.458333	14.312500
14.312500					
## 331	1998-09-04	14.447917	15.000000	13.666667	14.375000
14.375000					
## 332	1998-09-08	15.666667	15.791667	15.000000	15.375000
15.375000					
## 333	1998-09-09	14.916667	15.395833	13.895833	14.083333
14.083333					
## 334	1998-09-10	13.229167	13.416667	12.541667	13.270833
13.270833					
## 335	1998-09-11	13.062500	13.479167	12.250000	12.677083
12.677083					
## 336	1998-09-14	13.395833	13.416667	12.250000	12.281250
12.281250					

## 337	1998-09-15	11.802083	12.458333	11.729167	12.166667
		12.166667			
## 338	1998-09-16	12.375000	14.322917	11.916667	14.083333
		14.083333			
## 339	1998-09-17	13.406250	13.916667	12.750000	12.833333
		12.833333			
## 340	1998-09-18	12.958333	13.531250	12.947917	13.281250
		13.281250			
## 341	1998-09-21	12.666667	14.479167	12.666667	14.250000
		14.250000			
## 342	1998-09-22	14.708333	15.250000	14.604167	14.697917
		14.697917			
## 343	1998-09-23	15.135417	17.583332	15.000000	17.520832
		17.520832			
## 344	1998-09-24	17.854168	19.479168	16.916668	17.020832
		17.020832			
## 345	1998-09-25	16.416668	18.437500	16.416668	18.208332
		18.208332			
## 346	1998-09-28	19.395832	20.000000	18.645832	19.270832
		19.270832			
## 347	1998-09-29	19.541668	19.927082	18.583332	18.854168
		18.854168			
## 348	1998-09-30	18.583332	19.250000	18.135418	18.604168
		18.604168			
## 349	1998-10-01	18.000000	18.500000	16.666668	17.104168
		17.104168			
## 350	1998-10-02	17.552082	18.645832	16.833332	18.375000
		18.375000			
## 351	1998-10-05	18.145832	18.500000	16.833332	17.450521
		17.450521			
## 352	1998-10-06	18.583332	18.708332	17.333332	18.052082
		18.052082			
## 353	1998-10-07	17.104168	17.458332	15.208333	15.572917
		15.572917			
## 354	1998-10-08	13.812500	14.666667	13.333333	14.364583
		14.364583			
## 355	1998-10-09	15.041667	15.312500	13.958333	15.197917
		15.197917			
## 356	1998-10-12	16.187500	16.833332	15.500000	15.531250
		15.531250			
## 357	1998-10-13	15.302083	15.895833	15.104167	15.229167
		15.229167			
## 358	1998-10-14	15.177083	16.270832	14.958333	15.583333
		15.583333			
## 359	1998-10-15	15.708333	16.312500	15.416667	16.177082
		16.177082			
## 360	1998-10-16	16.437500	16.989582	16.166668	16.572918
		16.572918			
## 361	1998-10-19	16.500000	17.812500	16.500000	17.625000
		17.625000			

## 362	1998-10-20	18.125000	18.750000	17.770832	17.791668
17.791668					
## 363	1998-10-21	18.239582	18.375000	17.604168	18.333332
18.333332					
## 364	1998-10-22	17.937500	19.645832	17.895832	19.114582
19.114582					
## 365	1998-10-23	19.083332	19.718750	19.020832	19.354168
19.354168					
## 366	1998-10-26	19.854168	20.312500	19.458332	20.239582
20.239582					
## 367	1998-10-27	20.687500	21.000000	19.343750	19.385418
19.385418					
## 368	1998-10-28	19.489582	19.916668	19.041668	19.510418
19.510418					
## 369	1998-10-29	20.218750	21.208332	19.833332	21.083332
21.083332					
## 370	1998-10-30	21.104168	21.635418	20.770832	21.072918
21.072918					
## 371	1998-11-02	21.354168	21.906250	20.750000	21.833332
21.833332					
## 372	1998-11-03	21.854168	22.177082	20.958332	21.010418
21.010418					
## 373	1998-11-04	21.895832	22.000000	21.104168	21.635418
21.635418					
## 374	1998-11-05	21.281250	21.687500	21.041668	21.416668
21.416668					
## 375	1998-11-06	21.000000	21.375000	20.666668	20.760418
20.760418					
## 376	1998-11-09	20.312500	21.239582	20.125000	21.145832
21.145832					
## 377	1998-11-10	21.375000	23.333332	21.354168	21.958332
21.958332					
## 378	1998-11-11	22.270832	22.375000	20.875000	21.104168
21.104168					
## 379	1998-11-12	20.916668	22.145832	20.833332	21.833332
21.833332					
## 380	1998-11-13	21.989582	22.250000	20.953125	21.291668
21.291668					
## 381	1998-11-16	21.416668	21.645832	20.583332	21.041668
21.041668					
## 382	1998-11-17	21.562500	25.708332	21.416668	24.750000
24.750000					
## 383	1998-11-18	25.270832	28.437500	25.250000	27.333332
27.333332					
## 384	1998-11-19	28.500000	29.250000	25.500000	25.541668
25.541668					
## 385	1998-11-20	29.166668	30.291668	27.500000	30.104168
30.104168					
## 386	1998-11-23	31.812500	36.416668	31.010418	36.333332
36.333332					

## 387	1998-11-24	37.333332	38.854168	34.166668	35.750000
35.750000					
## 388	1998-11-25	36.083332	37.250000	34.166668	35.052082
35.052082					
## 389	1998-11-27	36.208332	36.333332	35.500000	36.104168
36.104168					
## 390	1998-11-30	36.604168	36.708332	31.958332	32.000000
32.000000					
## 391	1998-12-01	30.916668	34.958332	30.333332	34.916668
34.916668					
## 392	1998-12-02	34.489582	34.583332	32.927082	33.250000
33.250000					
## 393	1998-12-03	33.187500	34.083332	30.833332	31.583332
31.583332					
## 394	1998-12-04	32.583332	32.833332	30.416668	31.416668
31.416668					
## 395	1998-12-07	32.166668	32.333332	30.854168	31.833332
31.833332					
## 396	1998-12-08	31.604168	34.312500	31.416668	34.010418
34.010418					
## 397	1998-12-09	34.229168	37.385418	33.666668	36.041668
36.041668					
## 398	1998-12-10	36.270832	37.333332	34.937500	35.520832
35.520832					
## 399	1998-12-11	35.010418	37.333332	35.000000	37.166668
37.166668					
## 400	1998-12-14	36.854168	38.333332	36.333332	37.041668
37.041668					
## 401	1998-12-15	37.833332	40.500000	37.583332	40.458332
40.458332					
## 402	1998-12-16	43.187500	50.291668	43.166668	48.166668
48.166668					
## 403	1998-12-17	44.000000	48.583332	43.427082	46.125000
46.125000					
## 404	1998-12-18	47.166668	48.166668	46.312500	47.781250
47.781250					
## 405	1998-12-21	50.583332	53.625000	50.000000	53.125000
53.125000					
## 406	1998-12-22	54.489582	54.833332	51.437500	53.729168
53.729168					
## 407	1998-12-23	54.666668	55.000000	53.187500	54.166668
54.166668					
## 408	1998-12-24	53.708332	54.500000	53.166668	54.135418
54.135418					
## 409	1998-12-28	55.166668	60.312500	54.166668	58.656250
58.656250					
## 410	1998-12-29	58.333332	58.354168	54.750000	55.385418
55.385418					
## 411	1998-12-30	55.500000	57.208332	50.645832	53.541668
53.541668					

## 412	1998-12-31	52.875000	55.166668	52.687500	53.541668
53.541668					
## 413	1999-01-04	54.614582	59.333332	53.312500	59.156250
59.156250					
## 414	1999-01-05	54.781250	64.875000	53.250000	62.250000
62.250000					
## 415	1999-01-06	68.187500	70.187500	67.000000	69.000000
69.000000					
## 416	1999-01-07	68.562500	80.125000	66.500000	79.437500
79.437500					
## 417	1999-01-08	92.125000	99.562500	76.000000	80.125000
80.125000					
## 418	1999-01-11	92.000000	92.500000	83.812500	92.312500
92.312500					
## 419	1999-01-12	90.250000	91.000000	79.500000	81.687500
81.687500					
## 420	1999-01-13	62.500000	81.750000	62.500000	74.000000
74.000000					
## 421	1999-01-14	75.000000	79.625000	68.000000	69.000000
69.000000					
## 422	1999-01-15	70.000000	75.031250	68.812500	70.187500
70.187500					
## 423	1999-01-19	75.250000	75.250000	68.125000	69.906250
69.906250					
## 424	1999-01-20	67.531250	68.500000	54.875000	56.500000
56.500000					
## 425	1999-01-21	52.250000	55.187500	46.281250	53.000000
53.000000					
## 426	1999-01-22	49.750000	62.937500	49.375000	61.500000
61.500000					
## 427	1999-01-25	60.750000	61.687500	55.000000	56.187500
56.187500					
## 428	1999-01-26	56.312500	60.625000	55.312500	57.546875
57.546875					
## 429	1999-01-27	67.062500	69.875000	60.000000	62.812500
62.812500					
## 430	1999-01-28	63.218750	64.375000	60.125000	61.437500
61.437500					
## 431	1999-01-29	60.812500	60.812500	57.500000	58.468750
58.468750					
## 432	1999-02-01	58.875000	61.156250	57.500000	57.937500
57.937500					
## 433	1999-02-02	58.187500	58.218750	54.250000	55.125000
55.125000					
## 434	1999-02-03	54.500000	63.000000	54.250000	62.875000
62.875000					
## 435	1999-02-04	62.625000	63.375000	58.125000	59.000000
59.000000					
## 436	1999-02-05	58.500000	61.437500	56.156250	57.937500
57.937500					

## 437	1999-02-08	57.187500	57.562500	52.875000	54.562500
54.562500					
## 438	1999-02-09	53.968750	54.000000	49.968750	50.000000
50.000000					
## 439	1999-02-10	49.125000	51.687500	47.500000	48.718750
48.718750					
## 440	1999-02-11	50.250000	55.093750	49.750000	54.937500
54.937500					
## 441	1999-02-12	54.000000	54.937500	51.812500	52.250000
52.250000					
## 442	1999-02-16	53.437500	54.250000	48.500000	49.312500
49.312500					
## 443	1999-02-17	49.218750	51.031250	46.250000	46.750000
46.750000					
## 444	1999-02-18	48.250000	48.250000	42.125000	44.750000
44.750000					
## 445	1999-02-19	47.187500	51.250000	45.500000	50.937500
50.937500					
## 446	1999-02-22	50.875000	54.812500	49.000000	53.250000
53.250000					
## 447	1999-02-23	55.062500	58.500000	54.750000	57.593750
57.593750					
## 448	1999-02-24	58.812500	61.093750	55.125000	55.468750
55.468750					
## 449	1999-02-25	58.312500	62.812500	57.312500	62.500000
62.500000					
## 450	1999-02-26	63.375000	65.000000	60.500000	64.062500
64.062500					
## 451	1999-03-01	63.500000	68.031250	62.000000	66.500000
66.500000					
## 452	1999-03-02	67.218750	67.875000	60.531250	60.656250
60.656250					
## 453	1999-03-03	61.875000	63.750000	60.125000	61.750000
61.750000					
## 454	1999-03-04	62.750000	63.500000	57.937500	60.062500
60.062500					
## 455	1999-03-05	61.968750	62.250000	59.187500	60.750000
60.750000					
## 456	1999-03-08	60.718750	63.218750	59.625000	61.093750
61.093750					
## 457	1999-03-09	62.562500	66.625000	61.718750	64.968750
64.968750					
## 458	1999-03-10	68.375000	69.468750	67.000000	68.562500
68.562500					
## 459	1999-03-11	69.875000	71.375000	65.500000	67.437500
67.437500					
## 460	1999-03-12	67.000000	67.687500	64.312500	66.656250
66.656250					
## 461	1999-03-15	66.500000	69.500000	65.500000	69.468750
69.468750					

## 462	1999-03-16	69.500000	70.187500	66.375000	66.906250
66.906250					
## 463	1999-03-17	65.656250	66.750000	64.125000	65.500000
65.500000					
## 464	1999-03-18	66.437500	70.000000	66.187500	69.218750
69.218750					
## 465	1999-03-19	70.937500	71.531250	67.500000	67.531250
67.531250					
## 466	1999-03-22	66.593750	68.250000	65.250000	66.000000
66.000000					
## 467	1999-03-23	64.312500	64.937500	59.000000	59.687500
59.687500					
## 468	1999-03-24	58.593750	62.000000	57.000000	61.843750
61.843750					
## 469	1999-03-25	64.468750	70.000000	64.093750	69.937500
69.937500					
## 470	1999-03-26	70.000000	73.875000	68.687500	69.531250
69.531250					
## 471	1999-03-29	75.000000	75.750000	74.000000	74.812500
74.812500					
## 472	1999-03-30	76.000000	84.750000	75.765625	82.343750
82.343750					
## 473	1999-03-31	85.625000	89.000000	82.562500	86.093750
86.093750					
## 474	1999-04-01	89.687500	90.062500	83.750000	85.500000
85.500000					
## 475	1999-04-05	86.312500	93.750000	85.875000	93.250000
93.250000					
## 476	1999-04-06	92.250000	97.875000	89.750000	91.437500
91.437500					
## 477	1999-04-07	93.312500	93.656250	85.625000	87.906250
87.906250					
## 478	1999-04-08	87.406250	92.062500	83.000000	89.500000
89.500000					
## 479	1999-04-09	89.062500	93.000000	87.875000	91.437500
91.437500					
## 480	1999-04-12	88.062500	94.125000	88.000000	92.218750
92.218750					
## 481	1999-04-13	93.375000	96.000000	89.125000	89.187500
89.187500					
## 482	1999-04-14	91.000000	92.250000	83.312500	84.000000
84.000000					
## 483	1999-04-15	82.937500	85.250000	75.500000	83.625000
83.625000					
## 484	1999-04-16	91.937500	95.750000	90.343750	95.000000
95.000000					
## 485	1999-04-19	94.500000	94.500000	77.500000	79.468750
79.468750					
## 486	1999-04-20	78.656250	87.156250	76.750000	86.000000
86.000000					

## 487	1999-04-21	86.187500	91.000000	84.500000	89.625000
89.625000					
## 488	1999-04-22	92.156250	95.500000	88.968750	95.031250
95.031250					
## 489	1999-04-23	96.437500	108.250000	95.875000	105.062500
105.062500					
## 490	1999-04-26	104.500000	107.937500	102.000000	103.593750
103.593750					
## 491	1999-04-27	108.500000	110.625000	101.000000	102.937500
102.937500					
## 492	1999-04-28	100.000000	101.000000	91.187500	96.750000
96.750000					
## 493	1999-04-29	86.218750	90.875000	82.500000	84.125000
84.125000					
## 494	1999-04-30	88.500000	90.000000	82.500000	86.031250
86.031250					
## 495	1999-05-03	83.437500	83.531250	75.062500	75.468750
75.468750					
## 496	1999-05-04	76.312500	80.250000	70.250000	71.500000
71.500000					
## 497	1999-05-05	71.937500	74.125000	66.937500	73.250000
73.250000					
## 498	1999-05-06	74.000000	75.500000	67.875000	68.687500
68.687500					
## 499	1999-05-07	70.375000	72.000000	65.500000	68.187500
68.187500					
## 500	1999-05-10	68.312500	73.500000	67.000000	73.437500
73.437500					
## 501	1999-05-11	75.343750	76.937500	72.000000	74.187500
74.187500					
## 502	1999-05-12	74.031250	74.312500	70.750000	71.468750
71.468750					
## 503	1999-05-13	72.187500	73.937500	68.000000	68.000000
68.000000					
## 504	1999-05-14	66.562500	67.375000	64.906250	66.187500
66.187500					
## 505	1999-05-17	65.000000	69.000000	60.750000	68.812500
68.812500					
## 506	1999-05-18	68.218750	68.750000	65.468750	66.312500
66.312500					
## 507	1999-05-19	66.968750	69.812500	66.750000	69.781250
69.781250					
## 508	1999-05-20	68.375000	69.000000	65.250000	65.406250
65.406250					
## 509	1999-05-21	65.375000	66.000000	62.875000	64.281250
64.281250					
## 510	1999-05-24	64.312500	64.687500	58.000000	58.750000
58.750000					
## 511	1999-05-25	58.625000	60.562500	55.687500	55.781250
55.781250					

## 512	1999-05-26	56.593750	60.937500	52.250000	60.468750
60.468750					
## 513	1999-05-27	59.812500	60.281250	57.000000	57.281250
57.281250					
## 514	1999-05-28	57.812500	60.187500	56.000000	59.375000
59.375000					
## 515	1999-06-01	55.750000	56.750000	52.492188	52.906250
52.906250					
## 516	1999-06-02	52.375000	57.500000	48.562500	56.062500
56.062500					
## 517	1999-06-03	56.968750	57.250000	52.250000	52.531250
52.531250					
## 518	1999-06-04	52.812500	55.000000	50.812500	54.218750
54.218750					
## 519	1999-06-07	54.281250	59.937500	54.000000	58.687500
58.687500					
## 520	1999-06-08	60.000000	60.687500	55.187500	55.781250
55.781250					
## 521	1999-06-09	56.968750	57.250000	54.875000	57.000000
57.000000					
## 522	1999-06-10	55.937500	59.062500	55.062500	57.968750
57.968750					
## 523	1999-06-11	57.562500	58.500000	52.375000	52.906250
52.906250					
## 524	1999-06-14	51.968750	52.250000	44.875000	46.000000
46.000000					
## 525	1999-06-15	46.125000	49.875000	45.312500	48.250000
48.250000					
## 526	1999-06-16	50.656250	56.500000	50.500000	55.843750
55.843750					
## 527	1999-06-17	55.812500	59.562500	54.812500	56.468750
56.468750					
## 528	1999-06-18	55.968750	57.250000	54.750000	55.656250
55.656250					
## 529	1999-06-21	56.781250	61.781250	55.875000	61.750000
61.750000					
## 530	1999-06-22	61.593750	64.750000	58.250000	58.750000
58.750000					
## 531	1999-06-23	57.781250	60.656250	56.062500	58.875000
58.875000					
## 532	1999-06-24	59.062500	59.406250	56.500000	56.812500
56.812500					
## 533	1999-06-25	58.218750	58.750000	54.062500	55.093750
55.093750					
## 534	1999-06-28	55.500000	55.937500	51.218750	55.343750
55.343750					
## 535	1999-06-29	55.125000	59.125000	54.375000	58.031250
58.031250					
## 536	1999-06-30	58.250000	64.625000	57.500000	62.562500
62.562500					

## 537	1999-07-01	62.625000	63.250000	59.000000	61.187500
61.187500					
## 538	1999-07-02	61.625000	63.000000	60.375000	62.031250
62.031250					
## 539	1999-07-06	64.000000	66.656250	62.750000	63.437500
63.437500					
## 540	1999-07-07	63.062500	63.750000	60.000000	60.937500
60.937500					
## 541	1999-07-08	62.812500	63.750000	60.656250	62.687500
62.687500					
## 542	1999-07-09	63.062500	63.875000	62.031250	62.750000
62.750000					
## 543	1999-07-12	62.500000	62.750000	58.000000	58.687500
58.687500					
## 544	1999-07-13	58.125000	63.593750	57.500000	63.062500
63.062500					
## 545	1999-07-14	63.687500	67.500000	62.906250	67.500000
67.500000					
## 546	1999-07-15	67.500000	70.750000	66.687500	69.781250
69.781250					
## 547	1999-07-16	69.375000	71.250000	68.062500	68.812500
68.812500					
## 548	1999-07-19	68.000000	68.312500	65.750000	65.843750
65.843750					
## 549	1999-07-20	64.562500	64.687500	60.031250	60.062500
60.062500					
## 550	1999-07-21	60.500000	64.125000	60.125000	62.718750
62.718750					
## 551	1999-07-22	58.218750	58.562500	52.375000	53.406250
53.406250					
## 552	1999-07-23	54.906250	57.375000	51.593750	57.281250
57.281250					
## 553	1999-07-26	55.218750	57.750000	52.500000	52.968750
52.968750					
## 554	1999-07-27	54.500000	55.187500	50.062500	50.500000
50.500000					
## 555	1999-07-28	50.992188	53.062500	49.812500	52.875000
52.875000					
## 556	1999-07-29	51.187500	52.187500	50.000000	50.781250
50.781250					
## 557	1999-07-30	51.062500	51.375000	48.750000	50.031250
50.031250					
## 558	1999-08-02	49.187500	51.062500	46.968750	47.000000
47.000000					
## 559	1999-08-03	48.500000	48.500000	44.812500	47.437500
47.437500					
## 560	1999-08-04	46.875000	48.187500	44.000000	44.218750
44.218750					
## 561	1999-08-05	43.781250	49.000000	41.000000	48.625000
48.625000					

## 562	1999-08-06	48.312500	49.750000	44.625000	44.781250
44.781250					
## 563	1999-08-09	45.750000	45.750000	42.281250	42.750000
42.750000					
## 564	1999-08-10	42.687500	46.093750	41.000000	45.500000
45.500000					
## 565	1999-08-11	46.187500	47.625000	42.593750	45.468750
45.468750					
## 566	1999-08-12	45.500000	47.875000	44.687500	45.875000
45.875000					
## 567	1999-08-13	47.500000	48.718750	47.062500	48.718750
48.718750					
## 568	1999-08-16	49.125000	50.437500	47.750000	49.156250
49.156250					
## 569	1999-08-17	50.250000	54.750000	49.937500	54.625000
54.625000					
## 570	1999-08-18	57.562500	58.750000	56.250000	56.562500
56.562500					
## 571	1999-08-19	55.375000	55.593750	52.562500	53.062500
53.062500					
## 572	1999-08-20	53.125000	56.781250	52.562500	56.718750
56.718750					
## 573	1999-08-23	57.968750	60.250000	57.875000	59.187500
59.187500					
## 574	1999-08-24	58.000000	62.750000	57.968750	60.031250
60.031250					
## 575	1999-08-25	61.406250	66.500000	60.750000	66.437500
66.437500					
## 576	1999-08-26	66.500000	67.781250	63.750000	64.281250
64.281250					
## 577	1999-08-27	65.250000	65.265625	62.500000	64.250000
64.250000					
## 578	1999-08-30	63.781250	65.000000	58.937500	59.625000
59.625000					
## 579	1999-08-31	59.187500	62.343750	56.093750	62.187500
62.187500					
## 580	1999-09-01	63.500000	63.500000	58.750000	59.531250
59.531250					
## 581	1999-09-02	57.500000	61.937500	57.375000	60.062500
60.062500					
## 582	1999-09-03	63.625000	64.000000	60.625000	62.437500
62.437500					
## 583	1999-09-07	63.812500	64.375000	62.125000	62.937500
62.937500					
## 584	1999-09-08	62.000000	63.250000	60.937500	61.437500
61.437500					
## 585	1999-09-09	63.500000	64.437500	62.375000	63.625000
63.625000					
## 586	1999-09-10	65.937500	68.000000	64.875000	66.500000
66.500000					

## 587	1999-09-13	65.625000	66.000000	62.500000	63.312500
63.312500					
## 588	1999-09-14	62.750000	66.437500	62.750000	66.000000
66.000000					
## 589	1999-09-15	67.750000	67.937500	65.000000	65.562500
65.562500					
## 590	1999-09-16	64.937500	65.812500	62.750000	65.250000
65.250000					
## 591	1999-09-17	65.625000	66.000000	62.750000	63.812500
63.812500					
## 592	1999-09-20	63.687500	65.000000	62.687500	62.750000
62.750000					
## 593	1999-09-21	61.625000	63.937500	61.000000	62.250000
62.250000					
## 594	1999-09-22	62.875000	66.500000	60.687500	66.000000
66.000000					
## 595	1999-09-23	67.000000	68.750000	61.234375	62.250000
62.250000					
## 596	1999-09-24	62.000000	66.000000	61.500000	65.000000
65.000000					
## 597	1999-09-27	66.187500	67.875000	61.875000	62.562500
62.562500					
## 598	1999-09-28	62.500000	66.500000	61.125000	65.875000
65.875000					
## 599	1999-09-29	66.500000	85.000000	65.750000	80.750000
80.750000					
## 600	1999-09-30	79.812500	81.500000	76.250000	79.937500
79.937500					
## 601	1999-10-01	77.000000	79.250000	76.656250	77.250000
77.250000					
## 602	1999-10-04	79.437500	79.750000	75.750000	77.062500
77.062500					
## 603	1999-10-05	77.125000	79.750000	74.750000	78.437500
78.437500					
## 604	1999-10-06	79.562500	83.625000	79.500000	82.437500
82.437500					
## 605	1999-10-07	85.625000	90.000000	83.500000	87.312500
87.312500					
## 606	1999-10-08	86.875000	89.500000	84.437500	89.250000
89.250000					
## 607	1999-10-11	89.125000	89.375000	86.750000	88.375000
88.375000					
## 608	1999-10-12	87.687500	88.500000	84.875000	84.937500
84.937500					
## 609	1999-10-13	82.500000	85.000000	79.562500	79.937500
79.937500					
## 610	1999-10-14	80.500000	83.375000	78.437500	79.593750
79.593750					
## 611	1999-10-15	75.875000	77.062500	73.937500	75.062500
75.062500					

## 612	1999-10-18	75.062500	76.500000	71.062500	74.062500
74.062500					
## 613	1999-10-19	77.625000	78.250000	75.625000	76.625000
76.625000					
## 614	1999-10-20	78.312500	80.625000	76.343750	80.500000
80.500000					
## 615	1999-10-21	77.937500	82.812500	77.062500	80.750000
80.750000					
## 616	1999-10-22	81.437500	83.625000	78.000000	78.625000
78.625000					
## 617	1999-10-25	79.000000	83.000000	77.937500	82.750000
82.750000					
## 618	1999-10-26	83.125000	84.312500	80.125000	81.250000
81.250000					
## 619	1999-10-27	79.375000	79.375000	74.812500	75.937500
75.937500					
## 620	1999-10-28	69.500000	73.125000	65.875000	71.000000
71.000000					
## 621	1999-10-29	72.750000	72.812500	69.250000	70.625000
70.625000					
## 622	1999-11-01	68.062500	71.875000	66.312500	69.125000
69.125000					
## 623	1999-11-02	69.750000	70.000000	65.062500	66.437500
66.437500					
## 624	1999-11-03	68.187500	68.500000	65.000000	65.812500
65.812500					
## 625	1999-11-04	67.187500	67.875000	61.000000	63.062500
63.062500					
## 626	1999-11-05	64.750000	65.500000	62.250000	64.937500
64.937500					
## 627	1999-11-08	64.812500	80.000000	63.500000	78.000000
78.000000					
## 628	1999-11-09	82.000000	83.062500	70.000000	70.812500
70.812500					
## 629	1999-11-10	71.562500	75.000000	70.125000	72.000000
72.000000					
## 630	1999-11-11	74.750000	76.625000	71.375000	73.000000
73.000000					
## 631	1999-11-12	73.750000	75.000000	70.812500	74.937500
74.937500					
## 632	1999-11-15	75.625000	76.000000	73.312500	73.500000
73.500000					
## 633	1999-11-16	74.250000	79.625000	73.750000	78.937500
78.937500					
## 634	1999-11-17	77.937500	80.000000	75.437500	76.500000
76.500000					
## 635	1999-11-18	76.750000	78.187500	75.250000	77.937500
77.937500					
## 636	1999-11-19	77.875000	78.125000	76.062500	77.937500
77.937500					

## 637	1999-11-22	77.875000	82.500000	76.000000	80.500000
80.500000					
## 638	1999-11-23	80.375000	85.625000	76.250000	81.750000
81.750000					
## 639	1999-11-24	84.250000	87.750000	83.250000	87.250000
87.250000					
## 640	1999-11-26	91.062500	95.125000	90.625000	93.125000
93.125000					
## 641	1999-11-29	95.500000	96.875000	90.125000	90.437500
90.437500					
## 642	1999-11-30	88.265625	88.875000	83.812500	85.062500
85.062500					
## 643	1999-12-01	87.250000	87.875000	81.968750	85.000000
85.000000					
## 644	1999-12-02	86.000000	91.312500	85.625000	89.062500
89.062500					
## 645	1999-12-03	92.500000	93.375000	86.062500	86.562500
86.562500					
## 646	1999-12-06	86.875000	89.875000	84.687500	87.750000
87.750000					
## 647	1999-12-07	88.000000	88.000000	84.375000	86.062500
86.062500					
## 648	1999-12-08	86.812500	93.000000	86.000000	88.562500
88.562500					
## 649	1999-12-09	95.500000	113.000000	93.437500	103.625000
103.625000					
## 650	1999-12-10	111.937500	112.000000	104.437500	106.687500
106.687500					
## 651	1999-12-13	106.625000	106.625000	101.500000	102.500000
102.500000					
## 652	1999-12-14	103.750000	104.000000	93.562500	95.625000
95.625000					
## 653	1999-12-15	92.875000	99.437500	91.000000	96.500000
96.500000					
## 654	1999-12-16	98.250000	98.750000	93.500000	94.875000
94.875000					
## 655	1999-12-17	97.187500	97.625000	93.812500	94.062500
94.062500					
## 656	1999-12-20	97.750000	102.000000	95.062500	97.000000
97.000000					
## 657	1999-12-21	96.562500	100.437500	95.500000	99.875000
99.875000					
## 658	1999-12-22	100.562500	100.562500	95.500000	97.687500
97.687500					
## 659	1999-12-23	98.000000	99.000000	89.062500	90.000000
90.000000					
## 660	1999-12-27	87.750000	88.250000	80.000000	81.125000
81.125000					
## 661	1999-12-28	83.062500	86.500000	81.562500	82.312500
82.312500					

## 662	1999-12-29	83.437500	85.375000	82.625000	83.500000
83.500000					
## 663	1999-12-30	84.625000	85.125000	78.500000	79.062500
79.062500					
## 664	1999-12-31	79.312500	79.375000	76.000000	76.125000
76.125000					
## 665	2000-01-03	81.500000	89.562500	79.046875	89.375000
89.375000					
## 666	2000-01-04	85.375000	91.500000	81.750000	81.937500
81.937500					
## 667	2000-01-05	70.500000	75.125000	68.000000	69.750000
69.750000					
## 668	2000-01-06	71.312500	72.687500	64.000000	65.562500
65.562500					
## 669	2000-01-07	67.000000	70.500000	66.187500	69.562500
69.562500					
## 670	2000-01-10	72.562500	72.625000	65.562500	69.187500
69.187500					
## 671	2000-01-11	66.875000	70.000000	65.000000	66.750000
66.750000					
## 672	2000-01-12	67.875000	68.000000	63.000000	63.562500
63.562500					
## 673	2000-01-13	64.937500	67.187500	63.125000	65.937500
65.937500					
## 674	2000-01-14	66.750000	68.625000	64.000000	64.250000
64.250000					
## 675	2000-01-18	63.437500	65.187500	63.000000	64.125000
64.125000					
## 676	2000-01-19	64.125000	67.500000	63.000000	66.812500
66.812500					
## 677	2000-01-20	66.937500	67.000000	63.937500	64.750000
64.750000					
## 678	2000-01-21	64.625000	64.625000	60.000000	62.062500
62.062500					
## 679	2000-01-24	67.562500	73.375000	67.500000	70.125000
70.125000					
## 680	2000-01-25	70.000000	71.250000	66.000000	69.250000
69.250000					
## 681	2000-01-26	68.625000	70.000000	64.750000	64.812500
64.812500					
## 682	2000-01-27	65.187500	67.750000	64.625000	66.937500
66.937500					
## 683	2000-01-28	65.000000	66.437500	60.000000	61.687500
61.687500					
## 684	2000-01-31	60.375000	64.750000	58.437500	64.562500
64.562500					
## 685	2000-02-01	67.500000	70.625000	64.375000	67.437500
67.437500					
## 686	2000-02-02	67.937500	72.250000	67.750000	69.437500
69.437500					

## 687	2000-02-03	81.125000	85.937500	77.375000	84.187500
84.187500					
## 688	2000-02-04	82.750000	82.750000	77.875000	78.562500
78.562500					
## 689	2000-02-07	76.187500	76.875000	73.125000	75.000000
75.000000					
## 690	2000-02-08	74.000000	84.000000	73.437500	83.125000
83.125000					
## 691	2000-02-09	80.546875	83.734375	80.015625	80.250000
80.250000					
## 692	2000-02-10	78.500000	79.875000	75.500000	76.187500
76.187500					
## 693	2000-02-11	77.125000	79.125000	75.500000	76.187500
76.187500					
## 694	2000-02-14	75.687500	75.750000	73.562500	74.437500
74.437500					
## 695	2000-02-15	73.437500	76.187500	70.625000	73.812500
73.812500					
## 696	2000-02-16	72.750000	73.437500	70.625000	70.687500
70.687500					
## 697	2000-02-17	71.250000	71.312500	68.000000	69.000000
69.000000					
## 698	2000-02-18	68.437500	69.000000	63.875000	64.750000
64.750000					
## 699	2000-02-22	64.937500	66.500000	63.062500	63.562500
63.562500					
## 700	2000-02-23	64.875000	71.750000	64.687500	70.437500
70.437500					
## 701	2000-02-24	70.562500	71.375000	65.625000	68.437500
68.437500					
## 702	2000-02-25	67.437500	69.375000	65.187500	69.125000
69.125000					
## 703	2000-02-28	66.562500	67.187500	64.125000	65.750000
65.750000					
## 704	2000-02-29	66.000000	68.968750	65.875000	68.875000
68.875000					
## 705	2000-03-01	67.625000	68.500000	65.000000	65.875000
65.875000					
## 706	2000-03-02	64.937500	65.000000	62.187500	62.562500
62.562500					
## 707	2000-03-03	63.250000	64.750000	62.062500	62.500000
62.500000					
## 708	2000-03-06	62.875000	67.250000	62.812500	63.937500
63.937500					
## 709	2000-03-07	64.875000	65.812500	62.125000	63.500000
63.500000					
## 710	2000-03-08	63.250000	64.750000	60.562500	63.625000
63.625000					
## 711	2000-03-09	63.000000	69.000000	62.187500	68.812500
68.812500					

## 712	2000-03-10	67.250000	68.531250	65.000000	66.875000
66.875000					
## 713	2000-03-13	64.000000	66.625000	63.000000	65.312500
65.312500					
## 714	2000-03-14	66.062500	66.937500	63.375000	65.625000
65.625000					
## 715	2000-03-15	64.750000	65.125000	62.000000	63.750000
63.750000					
## 716	2000-03-16	62.250000	66.375000	60.000000	66.250000
66.250000					
## 717	2000-03-17	66.062500	66.375000	64.500000	64.812500
64.812500					
## 718	2000-03-20	63.500000	64.500000	62.375000	64.187500
64.187500					
## 719	2000-03-21	65.125000	73.000000	62.250000	72.375000
72.375000					
## 720	2000-03-22	70.875000	74.000000	69.250000	70.687500
70.687500					
## 721	2000-03-23	69.500000	70.937500	67.500000	67.687500
67.687500					
## 722	2000-03-24	74.625000	75.250000	71.312500	72.687500
72.687500					
## 723	2000-03-27	72.250000	75.125000	71.750000	73.125000
73.125000					
## 724	2000-03-28	72.375000	72.750000	69.468750	70.125000
70.125000					
## 725	2000-03-29	69.500000	69.875000	65.000000	66.250000
66.250000					
## 726	2000-03-30	64.500000	67.375000	64.000000	66.500000
66.500000					
## 727	2000-03-31	66.750000	67.125000	63.000000	67.000000
67.000000					
## 728	2000-04-03	65.437500	65.687500	62.000000	63.562500
63.562500					
## 729	2000-04-04	62.875000	65.437500	55.750000	63.937500
63.937500					
## 730	2000-04-05	61.750000	64.937500	60.500000	62.187500
62.187500					
## 731	2000-04-06	63.437500	65.500000	61.875000	64.250000
64.250000					
## 732	2000-04-07	65.125000	68.625000	64.125000	67.562500
67.562500					
## 733	2000-04-10	67.250000	68.437500	63.250000	63.375000
63.375000					
## 734	2000-04-11	62.500000	66.000000	61.250000	63.375000
63.375000					
## 735	2000-04-12	64.000000	64.375000	56.250000	56.375000
56.375000					
## 736	2000-04-13	57.875000	58.750000	47.937500	48.000000
48.000000					

## 737	2000-04-14	47.875000	52.375000	40.812500	46.875000
46.875000					
## 738	2000-04-17	45.250000	52.000000	44.625000	47.062500
47.062500					
## 739	2000-04-18	47.625000	56.250000	47.125000	54.937500
54.937500					
## 740	2000-04-19	55.312500	55.312500	51.687500	53.437500
53.437500					
## 741	2000-04-20	53.375000	53.687500	49.875000	52.375000
52.375000					
## 742	2000-04-24	49.375000	51.562500	44.875000	49.812500
49.812500					
## 743	2000-04-25	51.812500	54.125000	50.250000	52.437500
52.437500					
## 744	2000-04-26	53.312500	57.437500	52.453125	53.500000
53.500000					
## 745	2000-04-27	49.312500	55.250000	48.500000	52.875000
52.875000					
## 746	2000-04-28	54.000000	55.625000	53.125000	55.187500
55.187500					
## 747	2000-05-01	56.000000	60.312500	55.250000	59.937500
59.937500					
## 748	2000-05-02	59.187500	60.000000	55.875000	56.125000
56.125000					
## 749	2000-05-03	55.250000	56.562500	53.000000	54.125000
54.125000					
## 750	2000-05-04	54.250000	56.500000	53.125000	55.062500
55.062500					
## 751	2000-05-05	54.625000	58.625000	54.125000	58.500000
58.500000					
## 752	2000-05-08	56.812500	59.250000	55.437500	56.015625
56.015625					
## 753	2000-05-09	56.500000	57.750000	53.000000	56.250000
56.250000					
## 754	2000-05-10	54.531250	55.375000	49.000000	53.312500
53.312500					
## 755	2000-05-11	53.937500	55.750000	50.937500	54.875000
54.875000					
## 756	2000-05-12	54.687500	56.500000	53.125000	53.750000
53.750000					
## 757	2000-05-15	53.625000	56.500000	50.875000	56.062500
56.062500					
## 758	2000-05-16	57.125000	59.875000	56.000000	59.062500
59.062500					
## 759	2000-05-17	57.187500	62.375000	57.000000	61.000000
61.000000					
## 760	2000-05-18	60.375000	60.875000	55.125000	55.375000
55.375000					
## 761	2000-05-19	54.625000	55.750000	52.250000	52.625000
52.625000					

## 762	2000-05-22	53.000000	53.125000	46.875000	51.875000
51.875000					
## 763	2000-05-23	50.500000	51.875000	46.500000	46.687500
46.687500					
## 764	2000-05-24	46.437500	49.750000	40.437500	48.562500
48.562500					
## 765	2000-05-25	49.500000	50.000000	45.500000	45.500000
45.500000					
## 766	2000-05-26	46.250000	47.750000	44.000000	46.500000
46.500000					
## 767	2000-05-30	47.312500	51.875000	47.312500	51.750000
51.750000					
## 768	2000-05-31	50.750000	52.250000	48.125000	48.312500
48.312500					
## 769	2000-06-01	48.875000	51.125000	46.375000	50.187500
50.187500					
## 770	2000-06-02	52.375000	58.125000	52.250000	57.875000
57.875000					
## 771	2000-06-05	55.031250	56.250000	52.500000	54.500000
54.500000					
## 772	2000-06-06	54.000000	54.562500	50.250000	50.562500
50.562500					
## 773	2000-06-07	51.875000	52.187500	50.125000	51.812500
51.812500					
## 774	2000-06-08	52.562500	53.437500	51.625000	51.875000
51.875000					
## 775	2000-06-09	51.937500	53.250000	51.875000	52.187500
52.187500					
## 776	2000-06-12	52.187500	52.187500	47.000000	48.437500
48.437500					
## 777	2000-06-13	48.187500	49.500000	46.250000	49.000000
49.000000					
## 778	2000-06-14	49.312500	49.875000	46.000000	46.437500
46.437500					
## 779	2000-06-15	47.000000	47.937500	45.312500	46.312500
46.312500					
## 780	2000-06-16	47.250000	47.437500	45.375000	46.000000
46.000000					
## 781	2000-06-19	45.500000	45.875000	43.500000	45.312500
45.312500					
## 782	2000-06-20	45.875000	48.625000	45.125000	46.125000
46.125000					
## 783	2000-06-21	45.437500	46.937500	45.062500	46.062500
46.062500					
## 784	2000-06-22	46.187500	46.437500	41.625000	42.000000
42.000000					
## 785	2000-06-23	36.625000	37.000000	32.468750	33.875000
33.875000					
## 786	2000-06-26	35.312500	35.328125	32.812500	33.937500
33.937500					

## 787	2000-06-27	33.750000	38.500000	33.500000	36.500000
36.500000					
## 788	2000-06-28	36.875000	39.937500	36.125000	37.875000
37.875000					
## 789	2000-06-29	37.125000	38.500000	36.125000	37.125000
37.125000					
## 790	2000-06-30	37.000000	37.250000	35.500000	36.312500
36.312500					
## 791	2000-07-03	36.687500	37.500000	36.500000	37.000000
37.000000					
## 792	2000-07-05	37.000000	38.500000	36.375000	36.500000
36.500000					
## 793	2000-07-06	36.875000	37.375000	34.750000	36.062500
36.062500					
## 794	2000-07-07	36.125000	37.000000	35.250000	36.125000
36.125000					
## 795	2000-07-10	36.375000	36.375000	35.000000	35.062500
35.062500					
## 796	2000-07-11	35.187500	35.250000	32.625000	33.125000
33.125000					
## 797	2000-07-12	35.437500	36.125000	34.250000	35.062500
35.062500					
## 798	2000-07-13	35.625000	36.000000	34.875000	35.000000
35.000000					
## 799	2000-07-14	36.375000	43.203125	36.312500	42.625000
42.625000					
## 800	2000-07-17	42.875000	43.937500	40.250000	41.125000
41.125000					
## 801	2000-07-18	40.125000	43.625000	39.500000	41.750000
41.750000					
## 802	2000-07-19	41.500000	41.562500	39.000000	40.875000
40.875000					
## 803	2000-07-20	40.937500	43.375000	39.500000	40.312500
40.312500					
## 804	2000-07-21	40.437500	42.500000	40.437500	41.125000
41.125000					
## 805	2000-07-24	41.062500	41.375000	38.062500	38.750000
38.750000					
## 806	2000-07-25	36.750000	38.750000	33.250000	37.625000
37.625000					
## 807	2000-07-26	35.062500	36.718750	34.062500	36.062500
36.062500					
## 808	2000-07-27	31.437500	32.000000	29.750000	31.375000
31.375000					
## 809	2000-07-28	31.437500	32.125000	29.000000	30.000000
30.000000					
## 810	2000-07-31	30.062500	30.250000	27.875000	30.125000
30.125000					
## 811	2000-08-01	30.625000	32.250000	30.250000	30.250000
30.250000					

## 812	2000-08-02	30.250000	32.000000	30.218750	30.812500
30.812500					
## 813	2000-08-03	29.437500	31.750000	29.312500	31.500000
31.500000					
## 814	2000-08-04	31.937500	34.187500	31.500000	32.500000
32.500000					
## 815	2000-08-07	32.000000	34.250000	31.625000	33.812500
33.812500					
## 816	2000-08-08	33.250000	33.375000	32.437500	32.937500
32.937500					
## 817	2000-08-09	32.375000	32.375000	30.375000	30.875000
30.875000					
## 818	2000-08-10	31.500000	31.750000	29.750000	30.437500
30.437500					
## 819	2000-08-11	30.500000	34.000000	30.312500	33.687500
33.687500					
## 820	2000-08-14	33.500000	35.187500	32.687500	34.875000
34.875000					
## 821	2000-08-15	34.625000	38.312500	34.375000	37.562500
37.562500					
## 822	2000-08-16	37.562500	39.875000	37.531250	38.625000
38.625000					
## 823	2000-08-17	38.000000	39.062500	36.875000	38.250000
38.250000					
## 824	2000-08-18	39.250000	40.125000	38.937500	39.000000
39.000000					
## 825	2000-08-21	39.093750	39.875000	36.500000	37.500000
37.500000					
## 826	2000-08-22	38.125000	38.187500	36.062500	36.500000
36.500000					
## 827	2000-08-23	36.375000	39.500000	35.000000	38.812500
38.812500					
## 828	2000-08-24	39.562500	40.500000	38.812500	39.375000
39.375000					
## 829	2000-08-25	39.125000	40.062500	38.562500	39.937500
39.937500					
## 830	2000-08-28	38.812500	42.500000	38.562500	39.125000
39.125000					
## 831	2000-08-29	39.500000	40.875000	38.875000	39.625000
39.625000					
## 832	2000-08-30	42.375000	43.968750	42.000000	42.937500
42.937500					
## 833	2000-08-31	43.125000	43.187500	41.437500	41.500000
41.500000					
## 834	2000-09-01	42.125000	42.500000	41.000000	41.500000
41.500000					
## 835	2000-09-05	40.937500	46.312500	40.250000	45.687500
45.687500					
## 836	2000-09-06	47.250000	49.625000	45.687500	45.875000
45.875000					

## 837	2000-09-07	46.812500	47.000000	43.000000	43.500000
43.500000					
## 838	2000-09-08	44.062500	45.000000	42.500000	42.937500
42.937500					
## 839	2000-09-11	42.625000	45.218750	42.187500	42.375000
42.375000					
## 840	2000-09-12	43.375000	44.187500	42.250000	42.687500
42.687500					
## 841	2000-09-13	41.312500	43.125000	41.000000	42.437500
42.437500					
## 842	2000-09-14	44.187500	46.000000	43.750000	44.875000
44.875000					
## 843	2000-09-15	45.375000	45.437500	42.875000	43.625000
43.625000					
## 844	2000-09-18	43.500000	44.625000	41.875000	42.812500
42.812500					
## 845	2000-09-19	42.062500	42.750000	39.125000	40.750000
40.750000					
## 846	2000-09-20	40.437500	40.500000	37.375000	37.500000
37.500000					
## 847	2000-09-21	37.437500	40.500000	37.250000	40.062500
40.062500					
## 848	2000-09-22	38.375000	42.125000	38.312500	41.437500
41.437500					
## 849	2000-09-25	41.218750	42.562500	40.000000	40.375000
40.375000					
## 850	2000-09-26	40.625000	41.125000	39.562500	39.750000
39.750000					
## 851	2000-09-27	38.687500	39.625000	35.500000	37.875000
37.875000					
## 852	2000-09-28	37.312500	40.250000	37.125000	40.000000
40.000000					
## 853	2000-09-29	39.000000	41.250000	37.625000	38.437500
38.437500					
## 854	2000-10-02	38.187500	38.437500	35.250000	35.875000
35.875000					
## 855	2000-10-03	36.750000	37.250000	35.000000	35.062500
35.062500					
## 856	2000-10-04	33.437500	37.062500	32.500000	36.000000
36.000000					
## 857	2000-10-05	35.187500	36.625000	32.000000	33.562500
33.562500					
## 858	2000-10-06	32.500000	33.250000	30.187500	31.562500
31.562500					
## 859	2000-10-09	30.250000	30.562500	27.375000	30.062500
30.062500					
## 860	2000-10-10	29.750000	32.718750	28.875000	30.437500
30.437500					
## 861	2000-10-11	27.937500	30.250000	27.625000	27.812500
27.812500					

## 862	2000-10-12	28.375000	28.812500	24.625000	25.125000
25.125000					
## 863	2000-10-13	24.250000	28.875000	23.500000	28.437500
28.437500					
## 864	2000-10-16	28.125000	28.312500	24.125000	24.312500
24.312500					
## 865	2000-10-17	24.875000	25.187500	20.875000	21.937500
21.937500					
## 866	2000-10-18	19.875000	25.375000	19.375000	25.125000
25.125000					
## 867	2000-10-19	26.562500	28.125000	24.187500	27.750000
27.750000					
## 868	2000-10-20	27.687500	31.250000	27.125000	30.812500
30.812500					
## 869	2000-10-23	29.687500	30.375000	27.625000	30.000000
30.000000					
## 870	2000-10-24	29.875000	33.875000	28.812500	29.562500
29.562500					
## 871	2000-10-25	34.000000	36.500000	31.750000	31.875000
31.875000					
## 872	2000-10-26	32.187500	37.500000	31.000000	36.875000
36.875000					
## 873	2000-10-27	33.937500	37.500000	33.875000	35.625000
35.625000					
## 874	2000-10-30	33.062500	34.375000	30.265625	32.875000
32.875000					
## 875	2000-10-31	32.687500	36.875000	32.062500	36.625000
36.625000					
## 876	2000-11-01	35.812500	40.000000	35.687500	37.375000
37.375000					
## 877	2000-11-02	38.062500	39.875000	37.500000	39.750000
39.750000					
## 878	2000-11-03	39.000000	40.875000	36.875000	37.562500
37.562500					
## 879	2000-11-06	38.562500	38.625000	34.750000	36.562500
36.562500					
## 880	2000-11-07	36.500000	39.437500	35.562500	36.937500
36.937500					
## 881	2000-11-08	36.000000	37.000000	33.250000	33.875000
33.875000					
## 882	2000-11-09	32.687500	33.000000	29.875000	31.250000
31.250000					
## 883	2000-11-10	30.750000	31.875000	30.000000	30.062500
30.062500					
## 884	2000-11-13	28.812500	30.109375	27.437500	27.812500
27.812500					
## 885	2000-11-14	28.750000	29.875000	25.750000	28.937500
28.937500					
## 886	2000-11-15	28.625000	30.812500	28.437500	29.500000
29.500000					

## 887	2000-11-16	28.687500	30.500000	27.750000	27.812500
27.812500					
## 888	2000-11-17	28.000000	29.625000	26.875000	27.437500
27.437500					
## 889	2000-11-20	26.000000	27.937500	25.000000	25.812500
25.812500					
## 890	2000-11-21	26.625000	26.875000	23.625000	24.250000
24.250000					
## 891	2000-11-22	23.875000	27.500000	22.125000	25.187500
25.187500					
## 892	2000-11-24	26.421875	29.125000	26.062500	28.937500
28.937500					
## 893	2000-11-27	29.750000	30.750000	27.000000	28.000000
28.000000					
## 894	2000-11-28	26.000000	26.187500	24.625000	25.031250
25.031250					
## 895	2000-11-29	25.125000	27.500000	24.250000	26.937500
26.937500					
## 896	2000-11-30	24.750000	26.187500	22.875000	24.687500
24.687500					
## 897	2000-12-01	24.937500	26.750000	23.000000	24.625000
24.625000					
## 898	2000-12-04	25.187500	27.187500	23.250000	26.562500
26.562500					
## 899	2000-12-05	27.125000	27.625000	24.750000	25.375000
25.375000					
## 900	2000-12-06	24.687500	26.000000	23.625000	23.625000
23.625000					
## 901	2000-12-07	23.062500	23.437500	20.125000	21.375000
21.375000					
## 902	2000-12-08	23.312500	24.687500	21.250000	23.437500
23.437500					
## 903	2000-12-11	22.875000	26.125000	21.750000	25.312500
25.312500					
## 904	2000-12-12	24.500000	27.500000	24.312500	25.875000
25.875000					
## 905	2000-12-13	26.562500	26.625000	23.500000	23.750000
23.750000					
## 906	2000-12-14	24.062500	24.687500	22.593750	22.687500
22.687500					
## 907	2000-12-15	22.250000	24.250000	22.000000	22.875000
22.875000					
## 908	2000-12-18	20.750000	21.187500	18.937500	19.875000
19.875000					
## 909	2000-12-19	20.312500	20.875000	17.375000	18.250000
18.250000					
## 910	2000-12-20	16.187500	17.875000	15.625000	16.687500
16.687500					
## 911	2000-12-21	16.375000	17.750000	14.875000	15.187500
15.187500					

## 912	2000-12-22	15.312500	16.546875	15.250000	15.562500
15.562500					
## 913	2000-12-26	16.312500	18.500000	16.250000	16.937500
16.937500					
## 914	2000-12-27	16.000000	17.437500	15.562500	16.875000
16.875000					
## 915	2000-12-28	16.625000	18.250000	16.625000	17.375000
17.375000					
## 916	2000-12-29	16.750000	17.125000	15.000000	15.562500
15.562500					
## 917	2001-01-02	15.812500	16.000000	13.625000	13.875000
13.875000					
## 918	2001-01-03	13.625000	17.875000	13.562500	17.562500
17.562500					
## 919	2001-01-04	17.000000	17.562500	15.437500	15.500000
15.500000					
## 920	2001-01-05	15.500000	15.875000	13.562500	14.562500
14.562500					
## 921	2001-01-08	14.437500	15.562500	13.750000	14.937500
14.937500					
## 922	2001-01-09	14.562500	16.625000	14.562500	16.375000
16.375000					
## 923	2001-01-10	15.843750	17.000000	15.562500	16.500000
16.500000					
## 924	2001-01-11	15.750000	17.312500	15.625000	17.000000
17.000000					
## 925	2001-01-12	17.343750	18.500000	17.125000	17.687500
17.687500					
## 926	2001-01-16	18.312500	18.375000	17.250000	18.062500
18.062500					
## 927	2001-01-17	18.875000	19.562500	17.750000	18.375000
18.375000					
## 928	2001-01-18	18.375000	19.500000	17.937500	19.500000
19.500000					
## 929	2001-01-19	20.375000	20.375000	18.687500	19.937500
19.937500					
## 930	2001-01-22	19.500000	19.937500	18.500000	18.500000
18.500000					
## 931	2001-01-23	18.375000	19.312500	18.250000	18.953125
18.953125					
## 932	2001-01-24	19.187500	22.375000	19.000000	21.875000
21.875000					
## 933	2001-01-25	21.687500	21.750000	19.000000	19.000000
19.000000					
## 934	2001-01-26	18.937500	20.500000	18.875000	19.500000
19.500000					
## 935	2001-01-29	19.125000	20.750000	18.812500	20.125000
20.125000					
## 936	2001-01-30	20.562500	20.687500	18.671875	18.937500
18.937500					

## 937	2001-01-31	18.937500	19.562500	17.062500	17.312500
17.312500					
## 938	2001-02-01	17.187500	17.187500	15.750000	16.250000
16.250000					
## 939	2001-02-02	16.125000	16.187500	14.250000	14.375000
14.375000					
## 940	2001-02-05	14.625000	14.937500	14.312500	14.437500
14.437500					
## 941	2001-02-06	13.812500	15.875000	13.562500	15.812500
15.812500					
## 942	2001-02-07	15.187500	15.812500	14.562500	15.000000
15.000000					
## 943	2001-02-08	15.312500	15.875000	14.375000	14.375000
14.375000					
## 944	2001-02-09	14.312500	14.750000	13.375000	13.375000
13.375000					
## 945	2001-02-12	14.125000	15.000000	13.703125	14.500000
14.500000					
## 946	2001-02-13	15.000000	15.062500	13.750000	13.750000
13.750000					
## 947	2001-02-14	14.125000	14.750000	13.500000	14.437500
14.437500					
## 948	2001-02-15	13.500000	14.625000	13.500000	14.500000
14.500000					
## 949	2001-02-16	13.625000	14.125000	13.312500	13.687500
13.687500					
## 950	2001-02-20	13.625000	13.687500	12.437500	12.500000
12.500000					
## 951	2001-02-21	12.250000	12.500000	11.312500	11.937500
11.937500					
## 952	2001-02-22	12.000000	12.125000	11.375000	11.937500
11.937500					
## 953	2001-02-23	11.875000	12.062500	11.062500	11.812500
11.812500					
## 954	2001-02-26	12.062500	12.250000	11.500000	11.937500
11.937500					
## 955	2001-02-27	11.812500	12.125000	11.625000	11.750000
11.750000					
## 956	2001-02-28	11.250000	11.750000	9.937500	10.187500
10.187500					
## 957	2001-03-01	9.875000	10.687500	9.593750	10.437500
10.437500					
## 958	2001-03-02	10.031250	10.625000	10.000000	10.000000
10.000000					
## 959	2001-03-05	12.375000	13.062500	11.500000	12.625000
12.625000					
## 960	2001-03-06	13.078125	14.000000	11.250000	11.875000
11.875000					
## 961	2001-03-07	11.937500	12.562500	11.437500	12.250000
12.250000					

## 962	2001-03-08	11.937500	12.000000	11.625000	11.687500
11.687500					
## 963	2001-03-09	11.437500	12.500000	11.375000	12.250000
12.250000					
## 964	2001-03-12	11.375000	11.687500	10.500000	10.625000
10.625000					
## 965	2001-03-13	10.812500	11.062500	10.500000	11.000000
11.000000					
## 966	2001-03-14	10.250000	10.937500	10.125000	10.625000
10.625000					
## 967	2001-03-15	11.375000	11.437500	10.812500	10.875000
10.875000					
## 968	2001-03-16	10.625000	11.062500	10.250000	11.000000
11.000000					
## 969	2001-03-19	11.187500	11.312500	10.125000	10.500000
10.500000					
## 970	2001-03-20	10.562500	11.500000	10.125000	10.250000
10.250000					
## 971	2001-03-21	10.375000	10.437500	10.000000	10.000000
10.000000					
## 972	2001-03-22	10.062500	10.250000	9.562500	10.187500
10.187500					
## 973	2001-03-23	10.562500	10.812500	9.937500	10.187500
10.187500					
## 974	2001-03-26	10.700000	11.290000	10.620000	10.940000
10.940000					
## 975	2001-03-27	10.920000	11.800000	10.510000	11.640000
11.640000					
## 976	2001-03-28	11.100000	11.160000	10.750000	10.800000
10.800000					
## 977	2001-03-29	10.570000	11.030000	10.000000	10.000000
10.000000					
## 978	2001-03-30	10.120000	10.840000	9.910000	10.230000
10.230000					
## 979	2001-04-02	10.330000	10.530000	8.500000	9.100000
9.100000					
## 980	2001-04-03	8.710000	9.150000	8.500000	8.630000
8.630000					
## 981	2001-04-04	8.570000	9.000000	8.100000	8.400000
8.400000					
## 982	2001-04-05	9.020000	9.300000	8.720000	9.120000
9.120000					
## 983	2001-04-06	8.900000	8.900000	8.200000	8.370000
8.370000					
## 984	2001-04-09	11.840000	11.900000	10.700000	11.180000
11.180000					
## 985	2001-04-10	11.240000	13.500000	11.200000	12.010000
12.010000					
## 986	2001-04-11	13.100000	13.650000	12.180000	13.320000
13.320000					

## 987	2001-04-12	13.050000	15.010000	13.000000	14.670000
14.670000					
## 988	2001-04-16	14.500000	14.540000	13.650000	14.030000
14.030000					
## 989	2001-04-17	13.810000	14.870000	13.750000	14.740000
14.740000					
## 990	2001-04-18	15.660000	18.160000	15.550000	16.540001
16.540001					
## 991	2001-04-19	16.900000	16.900000	15.690000	15.990000
15.990000					
## 992	2001-04-20	15.620000	16.200001	14.970000	15.780000
15.780000					
## 993	2001-04-23	16.389999	17.459999	16.020000	16.200001
16.200001					
## 994	2001-04-24	16.440001	16.799999	15.480000	15.680000
15.680000					
## 995	2001-04-25	15.690000	16.100000	14.600000	16.090000
16.090000					
## 996	2001-04-26	16.250000	16.500000	15.000000	15.430000
15.430000					
## 997	2001-04-27	15.720000	15.730000	15.020000	15.270000
15.270000					
## 998	2001-04-30	15.630000	16.900000	15.590000	15.780000
15.780000					
## 999	2001-05-01	15.900000	17.000000	15.800000	16.889999
16.889999					
## 1000	2001-05-02	17.139999	17.430000	16.840000	17.110001
17.110001					
## 1001	2001-05-03	16.830000	17.000000	16.250000	16.750000
16.750000					
## 1002	2001-05-04	16.350000	17.600000	15.930000	17.559999
17.559999					
## 1003	2001-05-07	17.360001	17.530001	16.510000	16.920000
16.920000					
## 1004	2001-05-08	16.280001	16.490000	15.600000	16.180000
16.180000					
## 1005	2001-05-09	15.550000	15.660000	15.000000	15.010000
15.010000					
## 1006	2001-05-10	15.400000	15.640000	14.600000	14.620000
14.620000					
## 1007	2001-05-11	14.550000	14.800000	14.000000	14.680000
14.680000					
## 1008	2001-05-14	14.530000	14.530000	13.160000	13.330000
13.330000					
## 1009	2001-05-15	13.350000	14.300000	13.140000	13.540000
13.540000					
## 1010	2001-05-16	13.450000	14.380000	13.100000	14.130000
14.130000					
## 1011	2001-05-17	14.090000	15.000000	14.030000	14.780000
14.780000					

## 1012 2001-05-18	14.830000	15.000000	14.500000	14.720000
14.720000				
## 1013 2001-05-21	14.950000	16.420000	14.750000	16.379999
16.379999				
## 1014 2001-05-22	16.790001	17.000000	15.900000	16.250000
16.250000				
## 1015 2001-05-23	16.200001	16.799999	15.120000	15.600000
15.600000				
## 1016 2001-05-24	15.710000	16.750000	15.250000	16.750000
16.750000				
## 1017 2001-05-25	16.650000	17.530001	16.370001	17.090000
17.090000				
## 1018 2001-05-29	17.209999	17.540001	16.700001	17.219999
17.219999				
## 1019 2001-05-30	16.540001	17.000000	15.620000	15.660000
15.660000				
## 1020 2001-05-31	15.840000	17.200001	15.750000	16.690001
16.690001				
## 1021 2001-06-01	17.219999	17.309999	16.389999	16.950001
16.950001				
## 1022 2001-06-04	17.320000	17.400000	16.150000	16.910000
16.910000				
## 1023 2001-06-05	17.059999	17.920000	16.000000	16.440001
16.440001				
## 1024 2001-06-06	16.670000	16.719999	15.480000	15.990000
15.990000				
## 1025 2001-06-07	15.820000	16.230000	15.690000	16.129999
16.129999				
## 1026 2001-06-08	16.250000	16.330000	15.650000	15.700000
15.700000				
## 1027 2001-06-11	15.500000	15.550000	14.450000	14.860000
14.860000				
## 1028 2001-06-12	14.600000	14.790000	14.320000	14.640000
14.640000				
## 1029 2001-06-13	14.960000	15.150000	14.110000	14.120000
14.120000				
## 1030 2001-06-14	14.120000	14.120000	13.160000	13.290000
13.290000				
## 1031 2001-06-15	13.010000	13.460000	12.300000	12.490000
12.490000				
## 1032 2001-06-18	12.450000	12.700000	11.670000	11.830000
11.830000				
## 1033 2001-06-19	12.450000	12.650000	11.200000	11.360000
11.360000				
## 1034 2001-06-20	11.270000	12.700000	11.200000	12.530000
12.530000				
## 1035 2001-06-21	12.680000	13.200000	12.590000	13.080000
13.080000				
## 1036 2001-06-22	13.130000	13.270000	12.380000	12.400000
12.400000				

## 1037	2001-06-25	12.710000	13.140000	12.570000	12.810000
12.810000					
## 1038	2001-06-26	12.540000	13.740000	12.040000	13.250000
13.250000					
## 1039	2001-06-27	13.810000	14.250000	13.650000	14.040000
14.040000					
## 1040	2001-06-28	14.230000	14.590000	13.770000	14.360000
14.360000					
## 1041	2001-06-29	14.310000	14.650000	13.720000	14.150000
14.150000					
## 1042	2001-07-02	14.100000	14.710000	13.850000	14.530000
14.530000					
## 1043	2001-07-03	14.490000	14.500000	14.000000	14.130000
14.130000					
## 1044	2001-07-05	14.280000	15.450000	14.200000	15.270000
15.270000					
## 1045	2001-07-06	14.900000	15.720000	14.800000	15.270000
15.270000					
## 1046	2001-07-09	15.350000	15.900000	15.110000	15.810000
15.810000					
## 1047	2001-07-10	16.080000	16.120001	15.600000	15.610000
15.610000					
## 1048	2001-07-11	15.430000	15.800000	14.950000	15.340000
15.340000					
## 1049	2001-07-12	15.700000	16.540001	15.700000	16.490000
16.490000					
## 1050	2001-07-13	16.260000	17.000000	16.100000	16.980000
16.980000					
## 1051	2001-07-16	16.940001	17.420000	16.010000	16.010000
16.010000					
## 1052	2001-07-17	15.840000	16.490000	15.830000	16.350000
16.350000					
## 1053	2001-07-18	16.070000	16.650000	15.880000	15.960000
15.960000					
## 1054	2001-07-19	16.150000	16.799999	16.139999	16.490000
16.490000					
## 1055	2001-07-20	16.530001	17.250000	16.450001	16.980000
16.980000					
## 1056	2001-07-23	17.020000	17.129999	15.960000	16.030001
16.030001					
## 1057	2001-07-24	13.620000	14.000000	11.900000	12.060000
12.060000					
## 1058	2001-07-25	12.290000	12.310000	11.070000	11.510000
11.510000					
## 1059	2001-07-26	11.670000	12.750000	11.230000	12.330000
12.330000					
## 1060	2001-07-27	12.330000	12.430000	11.700000	12.250000
12.250000					
## 1061	2001-07-30	12.210000	12.750000	11.980000	12.550000
12.550000					

## 1062 2001-07-31	12.640000	12.860000	12.230000	12.490000
12.490000				
## 1063 2001-08-01	12.730000	12.860000	12.170000	12.500000
12.500000				
## 1064 2001-08-02	12.590000	12.600000	12.100000	12.190000
12.190000				
## 1065 2001-08-03	12.240000	12.390000	12.110000	12.150000
12.150000				
## 1066 2001-08-06	12.180000	12.200000	11.850000	11.900000
11.900000				
## 1067 2001-08-07	11.890000	11.900000	11.520000	11.600000
11.600000				
## 1068 2001-08-08	11.510000	11.550000	11.030000	11.110000
11.110000				
## 1069 2001-08-09	11.140000	11.170000	10.250000	10.460000
10.460000				
## 1070 2001-08-10	10.580000	10.650000	9.940000	9.950000
9.950000				
## 1071 2001-08-13	10.100000	10.300000	9.770000	10.120000
10.120000				
## 1072 2001-08-14	10.320000	11.040000	10.270000	10.530000
10.530000				
## 1073 2001-08-15	10.540000	10.830000	10.000000	10.080000
10.080000				
## 1074 2001-08-16	10.080000	10.150000	9.400000	9.810000
9.810000				
## 1075 2001-08-17	9.510000	10.090000	9.450000	9.990000
9.990000				
## 1076 2001-08-20	10.190000	10.410000	9.950000	10.400000
10.400000				
## 1077 2001-08-21	10.700000	10.790000	9.880000	9.890000
9.890000				
## 1078 2001-08-22	10.160000	10.230000	9.590000	10.200000
10.200000				
## 1079 2001-08-23	10.130000	10.160000	9.570000	9.630000
9.630000				
## 1080 2001-08-24	9.840000	10.300000	9.720000	10.230000
10.230000				
## 1081 2001-08-27	10.090000	10.270000	9.910000	10.130000
10.130000				
## 1082 2001-08-28	10.120000	10.150000	9.560000	9.970000
9.970000				
## 1083 2001-08-29	10.040000	10.050000	9.010000	9.190000
9.190000				
## 1084 2001-08-30	9.060000	9.490000	8.550000	8.690000
8.690000				
## 1085 2001-08-31	8.700000	9.300000	8.690000	8.940000
8.940000				
## 1086 2001-09-04	8.950000	9.190000	8.520000	8.590000
8.590000				

## 1087 2001-09-05	8.660000 7.650000	8.680000	6.850000	7.650000
## 1088 2001-09-06	7.840000 8.150000	8.190000	7.670000	8.150000
## 1089 2001-09-07	7.960000 8.510000	8.610000	7.850000	8.510000
## 1090 2001-09-10	8.400000 8.630000	8.650000	8.060000	8.630000
## 1091 2001-09-17	7.300000 7.490000	8.050000	7.050000	7.490000
## 1092 2001-09-18	7.590000 7.290000	7.750000	7.250000	7.290000
## 1093 2001-09-19	7.350000 7.310000	7.450000	6.640000	7.310000
## 1094 2001-09-20	7.110000 7.480000	7.640000	7.050000	7.480000
## 1095 2001-09-21	6.950000 7.480000	7.720000	6.690000	7.480000
## 1096 2001-09-24	7.700000 7.460000	7.830000	7.340000	7.460000
## 1097 2001-09-25	7.490000 7.090000	7.570000	7.020000	7.090000
## 1098 2001-09-26	7.200000 6.350000	7.230000	6.000000	6.350000
## 1099 2001-09-27	6.470000 6.200000	6.640000	5.670000	6.200000
## 1100 2001-09-28	6.250000 5.970000	6.470000	5.830000	5.970000
## 1101 2001-10-01	5.910000 6.010000	6.100000	5.510000	6.010000
## 1102 2001-10-02	6.170000 6.080000	6.170000	5.950000	6.080000
## 1103 2001-10-03	6.170000 6.760000	7.210000	6.020000	6.760000
## 1104 2001-10-04	7.090000 7.040000	7.870000	6.680000	7.040000
## 1105 2001-10-05	6.970000 7.200000	7.900000	6.740000	7.200000
## 1106 2001-10-08	7.070000 7.120000	7.300000	6.910000	7.120000
## 1107 2001-10-09	7.110000 6.910000	7.120000	6.670000	6.910000
## 1108 2001-10-10	6.900000 7.260000	7.310000	6.800000	7.260000
## 1109 2001-10-11	7.540000 7.850000	8.160000	7.500000	7.850000
## 1110 2001-10-12	7.760000 8.070000	8.150000	7.470000	8.070000
## 1111 2001-10-15	8.240000 8.880000	9.200000	8.230000	8.880000

## 1112 2001-10-16	9.230000	9.750000	9.110000	9.560000
9.560000				
## 1113 2001-10-17	9.980000	9.990000	8.850000	8.920000
8.920000				
## 1114 2001-10-18	8.910000	9.230000	8.380000	8.470000
8.470000				
## 1115 2001-10-19	8.490000	8.520000	7.500000	8.010000
8.010000				
## 1116 2001-10-22	8.070000	8.830000	8.040000	8.770000
8.770000				
## 1117 2001-10-23	9.250000	9.600000	8.850000	9.550000
9.550000				
## 1118 2001-10-24	8.050000	8.150000	7.400000	7.640000
7.640000				
## 1119 2001-10-25	7.390000	7.780000	7.150000	7.770000
7.770000				
## 1120 2001-10-26	7.630000	8.010000	7.510000	7.560000
7.560000				
## 1121 2001-10-29	7.610000	7.660000	7.040000	7.050000
7.050000				
## 1122 2001-10-30	7.010000	7.030000	6.320000	6.420000
6.420000				
## 1123 2001-10-31	6.790000	7.020000	6.550000	6.980000
6.980000				
## 1124 2001-11-01	7.080000	7.100000	6.600000	6.950000
6.950000				
## 1125 2001-11-02	6.950000	6.950000	6.670000	6.710000
6.710000				
## 1126 2001-11-05	7.100000	7.200000	6.960000	6.990000
6.990000				
## 1127 2001-11-06	7.080000	7.130000	6.910000	7.050000
7.050000				
## 1128 2001-11-07	7.010000	7.680000	7.000000	7.430000
7.430000				
## 1129 2001-11-08	7.660000	7.670000	6.740000	6.970000
6.970000				
## 1130 2001-11-09	7.050000	7.220000	6.970000	7.120000
7.120000				
## 1131 2001-11-12	7.160000	7.240000	6.800000	7.050000
7.050000				
## 1132 2001-11-13	7.440000	7.530000	7.200000	7.290000
7.290000				
## 1133 2001-11-14	7.630000	9.490000	7.600000	9.490000
9.490000				
## 1134 2001-11-15	9.220000	9.900000	8.750000	9.050000
9.050000				
## 1135 2001-11-16	9.210000	9.350000	8.750000	8.950000
8.950000				
## 1136 2001-11-19	9.350000	9.500000	9.000000	9.190000
9.190000				

## 1137 2001-11-20	9.070000	9.300000	8.600000	8.600000
8.600000				
## 1138 2001-11-21	8.740000	8.970000	8.040000	8.800000
8.800000				
## 1139 2001-11-23	8.900000	9.140000	8.560000	9.080000
9.080000				
## 1140 2001-11-26	9.830000	12.220000	9.800000	12.210000
12.210000				
## 1141 2001-11-27	12.050000	12.250000	11.220000	11.480000
11.480000				
## 1142 2001-11-28	11.240000	12.400000	11.180000	11.590000
11.590000				
## 1143 2001-11-29	11.890000	11.900000	10.790000	11.150000
11.150000				
## 1144 2001-11-30	11.300000	11.550000	10.800000	11.320000
11.320000				
## 1145 2001-12-03	11.020000	11.080000	10.480000	10.490000
10.490000				
## 1146 2001-12-04	10.930000	12.050000	10.710000	11.930000
11.930000				
## 1147 2001-12-05	12.400000	12.800000	11.750000	11.760000
11.760000				
## 1148 2001-12-06	12.040000	12.400000	11.850000	12.100000
12.100000				
## 1149 2001-12-07	12.290000	12.300000	11.500000	11.710000
11.710000				
## 1150 2001-12-10	11.550000	12.150000	11.440000	11.650000
11.650000				
## 1151 2001-12-11	12.000000	12.430000	11.780000	12.240000
12.240000				
## 1152 2001-12-12	12.430000	12.430000	11.630000	11.910000
11.910000				
## 1153 2001-12-13	11.540000	11.800000	10.850000	10.890000
10.890000				
## 1154 2001-12-14	11.100000	11.200000	10.070000	11.000000
11.000000				
## 1155 2001-12-17	11.100000	11.140000	10.180000	10.810000
10.810000				
## 1156 2001-12-18	11.050000	11.360000	10.620000	10.860000
10.860000				
## 1157 2001-12-19	10.730000	11.150000	10.510000	10.710000
10.710000				
## 1158 2001-12-20	10.570000	10.830000	10.140000	10.150000
10.150000				
## 1159 2001-12-21	10.310000	11.060000	10.000000	10.000000
10.000000				
## 1160 2001-12-24	10.150000	10.220000	9.510000	9.830000
9.830000				
## 1161 2001-12-26	10.970000	11.280000	10.870000	11.100000
11.100000				

## 1162 2001-12-27	11.330000	11.490000	10.570000	10.600000
10.600000				
## 1163 2001-12-28	10.910000	11.080000	10.690000	10.900000
10.900000				
## 1164 2001-12-31	11.070000	11.190000	10.740000	10.820000
10.820000				
## 1165 2002-01-02	10.930000	11.000000	10.480000	10.960000
10.960000				
## 1166 2002-01-03	11.130000	11.940000	11.050000	11.900000
11.900000				
## 1167 2002-01-04	12.020000	12.400000	11.950000	12.250000
12.250000				
## 1168 2002-01-07	12.080000	12.510000	12.080000	12.340000
12.340000				
## 1169 2002-01-08	12.270000	12.320000	11.750000	11.850000
11.850000				
## 1170 2002-01-09	11.960000	12.170000	11.300000	11.530000
11.530000				
## 1171 2002-01-10	11.660000	11.670000	10.870000	11.040000
11.040000				
## 1172 2002-01-11	11.030000	11.340000	10.930000	11.030000
11.030000				
## 1173 2002-01-14	10.800000	10.830000	10.090000	10.110000
10.110000				
## 1174 2002-01-15	10.340000	10.420000	10.160000	10.290000
10.290000				
## 1175 2002-01-16	10.010000	10.010000	9.030000	9.130000
9.130000				
## 1176 2002-01-17	9.820000	9.850000	9.400000	9.740000
9.740000				
## 1177 2002-01-18	9.600000	10.550000	9.390000	10.160000
10.160000				
## 1178 2002-01-22	12.740000	12.790000	12.140000	12.600000
12.600000				
## 1179 2002-01-23	12.490000	12.600000	11.900000	12.470000
12.470000				
## 1180 2002-01-24	12.750000	14.060000	12.710000	14.010000
14.010000				
## 1181 2002-01-25	13.560000	15.390000	13.390000	14.440000
14.440000				
## 1182 2002-01-28	14.860000	15.770000	14.760000	15.500000
15.500000				
## 1183 2002-01-29	15.540000	15.550000	13.970000	14.220000
14.220000				
## 1184 2002-01-30	13.980000	14.250000	13.200000	13.900000
13.900000				
## 1185 2002-01-31	14.120000	14.490000	13.410000	14.190000
14.190000				
## 1186 2002-02-01	14.070000	14.090000	13.350000	13.730000
13.730000				

## 1187 2002-02-04	12.910000	13.090000	12.430000	12.530000
12.530000				
## 1188 2002-02-05	11.980000	12.290000	11.160000	11.500000
11.500000				
## 1189 2002-02-06	11.900000	12.000000	11.200000	11.260000
11.260000				
## 1190 2002-02-07	11.250000	11.850000	11.060000	11.240000
11.240000				
## 1191 2002-02-08	11.510000	12.670000	11.500000	12.520000
12.520000				
## 1192 2002-02-11	12.640000	13.500000	12.540000	13.300000
13.300000				
## 1193 2002-02-12	13.030000	13.240000	12.500000	12.900000
12.900000				
## 1194 2002-02-13	13.100000	13.330000	13.060000	13.290000
13.290000				
## 1195 2002-02-14	13.340000	14.260000	13.300000	13.880000
13.880000				
## 1196 2002-02-15	13.910000	14.040000	13.270000	13.410000
13.410000				
## 1197 2002-02-19	12.950000	13.840000	12.800000	13.010000
13.010000				
## 1198 2002-02-20	13.190000	13.400000	12.150000	12.960000
12.960000				
## 1199 2002-02-21	12.910000	13.650000	12.900000	13.260000
13.260000				
## 1200 2002-02-22	13.050000	13.230000	12.700000	13.070000
13.070000				
## 1201 2002-02-25	13.090000	13.740000	13.000000	13.730000
13.730000				
## 1202 2002-02-26	13.510000	14.490000	13.450000	14.400000
14.400000				
## 1203 2002-02-27	14.550000	14.730000	14.120000	14.270000
14.270000				
## 1204 2002-02-28	14.290000	14.750000	13.930000	14.100000
14.100000				
## 1205 2002-03-01	14.130000	15.400000	14.120000	15.390000
15.390000				
## 1206 2002-03-04	15.420000	16.490000	15.400000	16.480000
16.480000				
## 1207 2002-03-05	16.000000	16.680000	15.530000	15.970000
15.970000				
## 1208 2002-03-06	14.820000	16.590000	14.820000	16.330000
16.330000				
## 1209 2002-03-07	16.410000	16.950001	15.400000	15.620000
15.620000				
## 1210 2002-03-08	16.250000	16.959999	15.930000	16.350000
16.350000				
## 1211 2002-03-11	16.040001	16.879999	15.860000	16.709999
16.709999				

## 1212	2002-03-12	16.350000	16.590000	16.040001	16.309999
16.309999					
## 1213	2002-03-13	16.049999	16.340000	15.640000	15.740000
15.740000					
## 1214	2002-03-14	14.990000	15.500000	14.280000	14.480000
14.480000					
## 1215	2002-03-15	14.270000	14.290000	13.550000	14.030000
14.030000					
## 1216	2002-03-18	14.150000	15.280000	14.140000	15.010000
15.010000					
## 1217	2002-03-19	15.150000	15.400000	14.560000	14.660000
14.660000					
## 1218	2002-03-20	14.480000	15.130000	14.300000	14.500000
14.500000					
## 1219	2002-03-21	14.620000	15.240000	14.560000	15.170000
15.170000					
## 1220	2002-03-22	15.120000	15.600000	15.100000	15.530000
15.530000					
## 1221	2002-03-25	15.470000	15.730000	14.720000	14.740000
14.740000					
## 1222	2002-03-26	14.640000	15.450000	14.550000	14.830000
14.830000					
## 1223	2002-03-27	13.900000	14.350000	13.700000	14.250000
14.250000					
## 1224	2002-03-28	14.400000	14.650000	14.250000	14.300000
14.300000					
## 1225	2002-04-01	14.280000	14.800000	14.140000	14.800000
14.800000					
## 1226	2002-04-02	14.640000	15.090000	14.190000	14.250000
14.250000					
## 1227	2002-04-03	14.370000	14.450000	13.600000	13.670000
13.670000					
## 1228	2002-04-04	13.730000	13.800000	13.230000	13.540000
13.540000					
## 1229	2002-04-05	13.670000	14.040000	13.310000	13.500000
13.500000					
## 1230	2002-04-08	12.970000	13.960000	12.960000	13.950000
13.950000					
## 1231	2002-04-09	14.070000	14.590000	13.560000	13.600000
13.600000					
## 1232	2002-04-10	13.760000	14.000000	13.050000	13.480000
13.480000					
## 1233	2002-04-11	13.280000	13.280000	12.520000	12.740000
12.740000					
## 1234	2002-04-12	12.900000	13.610000	12.850000	13.310000
13.310000					
## 1235	2002-04-15	13.420000	14.100000	13.350000	13.890000
13.890000					
## 1236	2002-04-16	14.180000	14.290000	13.720000	14.010000
14.010000					

## 1237	2002-04-17	14.240000	15.000000	14.240000	14.820000
		14.820000			
## 1238	2002-04-18	14.700000	14.860000	13.950000	14.260000
		14.260000			
## 1239	2002-04-19	14.380000	14.740000	14.150000	14.530000
		14.530000			
## 1240	2002-04-22	14.580000	14.850000	14.150000	14.310000
		14.310000			
## 1241	2002-04-23	14.350000	14.750000	13.880000	14.060000
		14.060000			
## 1242	2002-04-24	15.230000	16.850000	15.050000	16.790001
		16.790001			
## 1243	2002-04-25	16.510000	17.049999	16.410000	16.820000
		16.820000			
## 1244	2002-04-26	16.860001	16.950001	16.320000	16.910000
		16.910000			
## 1245	2002-04-29	16.750000	17.000000	15.900000	16.180000
		16.180000			
## 1246	2002-04-30	16.129999	16.760000	15.930000	16.690001
		16.690001			
## 1247	2002-05-01	16.549999	17.049999	16.420000	16.490000
		16.490000			
## 1248	2002-05-02	16.430000	16.650000	16.250000	16.320000
		16.320000			
## 1249	2002-05-03	16.230000	16.400000	15.750000	16.049999
		16.049999			
## 1250	2002-05-06	15.940000	16.490000	15.750000	16.120001
		16.120001			
## 1251	2002-05-07	16.110001	16.350000	16.030001	16.110001
		16.110001			
## 1252	2002-05-08	16.549999	17.459999	16.500000	17.320000
		17.320000			
## 1253	2002-05-09	17.120001	18.230000	17.100000	17.730000
		17.730000			
## 1254	2002-05-10	17.889999	17.959999	16.799999	16.940001
		16.940001			
## 1255	2002-05-13	17.170000	17.629999	16.850000	17.320000
		17.320000			
## 1256	2002-05-14	18.040001	19.450001	18.020000	18.809999
		18.809999			
## 1257	2002-05-15	18.680000	20.400000	18.350000	19.940001
		19.940001			
## 1258	2002-05-16	19.510000	19.950001	19.290001	19.610001
		19.610001			
## 1259	2002-05-17	19.969999	20.000000	18.809999	19.160000
		19.160000			
## 1260	2002-05-20	18.799999	19.480000	18.770000	19.389999
		19.389999			
## 1261	2002-05-21	19.540001	19.799999	18.549999	18.760000
		18.760000			

## 1262 2002-05-22	18.670000	19.129999	18.219999	18.750000
18.750000				
## 1263 2002-05-23	18.840000	19.549999	18.610001	19.450001
19.450001				
## 1264 2002-05-24	19.400000	19.690001	19.059999	19.469999
19.469999				
## 1265 2002-05-28	19.570000	19.610001	18.770000	19.059999
19.059999				
## 1266 2002-05-29	18.820000	19.100000	18.799999	18.910000
18.910000				
## 1267 2002-05-30	18.700001	18.940001	18.080000	18.370001
18.370001				
## 1268 2002-05-31	18.500000	18.889999	18.200001	18.230000
18.230000				
## 1269 2002-06-03	18.309999	18.500000	17.930000	17.959999
17.959999				
## 1270 2002-06-04	17.799999	18.139999	17.469999	17.969999
17.969999				
## 1271 2002-06-05	17.980000	18.180000	17.450001	17.990000
17.990000				
## 1272 2002-06-06	17.889999	18.410000	17.760000	18.170000
18.170000				
## 1273 2002-06-07	17.889999	18.650000	17.850000	18.580000
18.580000				
## 1274 2002-06-10	17.900000	18.120001	17.020000	17.299999
17.299999				
## 1275 2002-06-11	17.309999	17.790001	17.120001	17.139999
17.139999				
## 1276 2002-06-12	17.049999	17.150000	16.260000	17.080000
17.080000				
## 1277 2002-06-13	17.000000	17.500000	16.740000	17.430000
17.430000				
## 1278 2002-06-14	17.139999	17.400000	16.260000	16.820000
16.820000				
## 1279 2002-06-17	16.950001	18.480000	16.860001	18.410000
18.410000				
## 1280 2002-06-18	18.129999	19.160000	18.090000	18.780001
18.780001				
## 1281 2002-06-19	18.490000	19.100000	18.270000	18.299999
18.299999				
## 1282 2002-06-20	18.320000	18.379999	17.340000	17.549999
17.549999				
## 1283 2002-06-21	17.600000	17.790001	17.340000	17.530001
17.530001				
## 1284 2002-06-24	17.430000	17.780001	16.940001	17.510000
17.510000				
## 1285 2002-06-25	16.889999	16.950001	15.040000	15.340000
15.340000				
## 1286 2002-06-26	14.690000	15.930000	14.680000	15.850000
15.850000				

## 1287	2002-06-27	16.110001	16.469999	15.300000	15.860000
15.860000					
## 1288	2002-06-28	15.690000	16.360001	15.400000	16.250000
16.250000					
## 1289	2002-07-01	16.170000	16.170000	13.520000	13.550000
13.550000					
## 1290	2002-07-02	13.600000	14.160000	13.000000	13.320000
13.320000					
## 1291	2002-07-03	13.380000	14.460000	12.890000	14.250000
14.250000					
## 1292	2002-07-05	14.390000	15.230000	14.370000	15.210000
15.210000					
## 1293	2002-07-08	14.950000	15.850000	14.680000	14.940000
14.940000					
## 1294	2002-07-09	15.050000	16.030001	14.980000	15.600000
15.600000					
## 1295	2002-07-10	15.650000	15.940000	14.650000	14.960000
14.960000					
## 1296	2002-07-11	14.660000	15.840000	14.000000	15.550000
15.550000					
## 1297	2002-07-12	15.750000	16.190001	15.250000	15.430000
15.430000					
## 1298	2002-07-15	15.470000	15.980000	15.000000	15.940000
15.940000					
## 1299	2002-07-16	15.690000	17.070000	15.660000	16.290001
16.290001					
## 1300	2002-07-17	16.840000	17.160000	15.320000	16.160000
16.160000					
## 1301	2002-07-18	15.920000	16.590000	15.530000	15.550000
15.550000					
## 1302	2002-07-19	15.360000	15.710000	15.070000	15.290000
15.290000					
## 1303	2002-07-22	15.150000	15.650000	15.000000	15.500000
15.500000					
## 1304	2002-07-23	15.540000	15.880000	14.400000	14.550000
14.550000					
## 1305	2002-07-24	12.370000	14.160000	12.260000	14.100000
14.100000					
## 1306	2002-07-25	13.710000	14.010000	12.400000	12.490000
12.490000					
## 1307	2002-07-26	12.720000	13.110000	12.500000	12.930000
12.930000					
## 1308	2002-07-29	13.250000	14.460000	13.230000	14.330000
14.330000					
## 1309	2002-07-30	14.190000	14.900000	14.080000	14.770000
14.770000					
## 1310	2002-07-31	14.450000	14.660000	14.140000	14.450000
14.450000					
## 1311	2002-08-01	14.310000	14.500000	13.990000	14.160000
14.160000					

## 1312 2002-08-02	14.130000	14.140000	13.450000	13.840000
13.840000				
## 1313 2002-08-05	13.650000	13.790000	12.780000	12.870000
12.870000				
## 1314 2002-08-06	13.270000	13.900000	13.140000	13.740000
13.740000				
## 1315 2002-08-07	13.930000	13.940000	12.850000	13.600000
13.600000				
## 1316 2002-08-08	13.240000	14.100000	13.060000	13.900000
13.900000				
## 1317 2002-08-09	13.610000	14.750000	13.600000	14.260000
14.260000				
## 1318 2002-08-12	14.140000	14.490000	13.950000	14.460000
14.460000				
## 1319 2002-08-13	14.300000	14.670000	13.900000	13.930000
13.930000				
## 1320 2002-08-14	13.930000	14.060000	13.320000	13.910000
13.910000				
## 1321 2002-08-15	14.050000	14.750000	13.920000	14.620000
14.620000				
## 1322 2002-08-16	14.390000	15.010000	14.310000	14.900000
14.900000				
## 1323 2002-08-19	14.840000	15.520000	14.670000	15.500000
15.500000				
## 1324 2002-08-20	15.380000	15.990000	15.310000	15.980000
15.980000				
## 1325 2002-08-21	15.950000	15.970000	15.200000	15.380000
15.380000				
## 1326 2002-08-22	15.330000	15.950000	14.920000	15.730000
15.730000				
## 1327 2002-08-23	15.600000	15.720000	14.950000	15.170000
15.170000				
## 1328 2002-08-26	15.290000	15.440000	14.680000	14.930000
14.930000				
## 1329 2002-08-27	15.040000	15.270000	14.500000	14.520000
14.520000				
## 1330 2002-08-28	14.480000	14.970000	14.350000	14.570000
14.570000				
## 1331 2002-08-29	14.430000	15.190000	14.210000	15.140000
15.140000				
## 1332 2002-08-30	14.910000	15.380000	14.750000	14.940000
14.940000				
## 1333 2002-09-03	14.710000	15.030000	14.490000	14.600000
14.600000				
## 1334 2002-09-04	14.660000	14.960000	14.260000	14.830000
14.830000				
## 1335 2002-09-05	14.580000	14.720000	14.240000	14.250000
14.250000				
## 1336 2002-09-06	14.560000	15.480000	14.560000	15.310000
15.310000				

## 1337 2002-09-09	15.120000	16.650000	15.060000	16.510000
16.510000				
## 1338 2002-09-10	16.530001	17.350000	16.420000	17.129999
17.129999				
## 1339 2002-09-11	17.150000	17.850000	17.040001	17.110001
17.110001				
## 1340 2002-09-12	16.830000	17.129999	16.610001	16.750000
16.750000				
## 1341 2002-09-13	16.690001	16.990000	16.500000	16.610001
16.610001				
## 1342 2002-09-16	16.510000	16.930000	16.450001	16.709999
16.709999				
## 1343 2002-09-17	17.000000	17.750000	16.770000	17.350000
17.350000				
## 1344 2002-09-18	17.219999	17.930000	16.950001	17.730000
17.730000				
## 1345 2002-09-19	17.400000	17.639999	17.170000	17.209999
17.209999				
## 1346 2002-09-20	17.450001	17.639999	15.450000	15.860000
15.860000				
## 1347 2002-09-23	15.600000	16.440001	15.590000	16.049999
16.049999				
## 1348 2002-09-24	15.870000	16.370001	15.600000	15.930000
15.930000				
## 1349 2002-09-25	16.170000	16.389999	15.290000	15.730000
15.730000				
## 1350 2002-09-26	15.930000	17.350000	15.710000	17.150000
17.150000				
## 1351 2002-09-27	16.850000	17.400000	16.820000	17.010000
17.010000				
## 1352 2002-09-30	16.639999	16.850000	15.850000	15.930000
15.930000				
## 1353 2002-10-01	16.230000	17.059999	16.010000	16.950001
16.950001				
## 1354 2002-10-02	16.809999	17.639999	16.700001	17.010000
17.010000				
## 1355 2002-10-03	16.790001	17.250000	16.660000	16.750000
16.750000				
## 1356 2002-10-04	16.950001	17.150000	16.379999	16.549999
16.549999				
## 1357 2002-10-07	16.549999	16.959999	16.370001	16.639999
16.639999				
## 1358 2002-10-08	16.879999	17.059999	16.459999	16.940001
16.940001				
## 1359 2002-10-09	16.700001	17.129999	16.600000	16.860001
16.860001				
## 1360 2002-10-10	17.160000	17.969999	17.150000	17.959999
17.959999				
## 1361 2002-10-11	18.180000	18.740000	18.100000	18.459999
18.459999				

## 1362 2002-10-14	18.180000	19.230000	18.170000	19.200001
19.200001				
## 1363 2002-10-15	19.840000	20.139999	18.650000	18.940001
18.940001				
## 1364 2002-10-16	18.270000	19.660000	18.250000	19.490000
19.490000				
## 1365 2002-10-17	20.100000	20.219999	18.430000	18.740000
18.740000				
## 1366 2002-10-18	18.480000	19.290001	18.360001	19.040001
19.040001				
## 1367 2002-10-21	18.889999	19.530001	18.719999	19.260000
19.260000				
## 1368 2002-10-22	19.010000	19.910000	18.900000	19.379999
19.379999				
## 1369 2002-10-23	19.520000	19.820000	19.370001	19.750000
19.750000				
## 1370 2002-10-24	19.950001	20.260000	19.799999	19.860001
19.860001				
## 1371 2002-10-25	18.840000	19.360001	18.480000	19.299999
19.299999				
## 1372 2002-10-28	19.280001	19.730000	18.400000	18.590000
18.590000				
## 1373 2002-10-29	18.510000	18.920000	18.070000	18.570000
18.570000				
## 1374 2002-10-30	18.850000	19.219999	18.469999	19.080000
19.080000				
## 1375 2002-10-31	19.030001	19.480000	18.850000	19.360001
19.360001				
## 1376 2002-11-01	19.219999	19.900000	19.090000	19.799999
19.799999				
## 1377 2002-11-04	19.389999	19.809999	18.590000	18.780001
18.780001				
## 1378 2002-11-05	18.629999	18.870001	18.200001	18.719999
18.719999				
## 1379 2002-11-06	18.770000	19.389999	18.260000	19.340000
19.340000				
## 1380 2002-11-07	18.850000	19.299999	18.770000	19.120001
19.120001				
## 1381 2002-11-08	19.040001	19.660000	18.809999	19.510000
19.510000				
## 1382 2002-11-11	19.400000	19.549999	18.799999	19.000000
19.000000				
## 1383 2002-11-12	19.010000	19.990000	19.010000	19.820000
19.820000				
## 1384 2002-11-13	19.610001	21.000000	19.610001	20.410000
20.410000				
## 1385 2002-11-14	20.990000	21.490000	20.950001	21.209999
21.209999				
## 1386 2002-11-15	21.150000	22.350000	21.090000	22.209999
22.209999				

## 1387	2002-11-18	22.650000	23.740000	22.150000	22.420000
		22.420000			
## 1388	2002-11-19	21.879999	21.889999	21.230000	21.290001
		21.290001			
## 1389	2002-11-20	21.350000	23.000000	21.219999	22.900000
		22.900000			
## 1390	2002-11-21	23.330000	23.850000	23.209999	23.400000
		23.400000			
## 1391	2002-11-22	23.200001	24.280001	23.100000	23.990000
		23.990000			
## 1392	2002-11-25	24.030001	24.500000	23.820000	24.250000
		24.250000			
## 1393	2002-11-26	24.020000	24.200001	23.379999	23.400000
		23.400000			
## 1394	2002-11-27	23.719999	24.240000	23.709999	24.080000
		24.080000			
## 1395	2002-11-29	24.150000	24.379999	23.330000	23.350000
		23.350000			
## 1396	2002-12-02	24.150000	25.000000	24.000000	24.110001
		24.110001			
## 1397	2002-12-03	23.830000	23.980000	23.379999	23.740000
		23.740000			
## 1398	2002-12-04	23.480000	23.799999	22.959999	23.389999
		23.389999			
## 1399	2002-12-05	23.660000	23.680000	22.200001	22.580000
		22.580000			
## 1400	2002-12-06	21.700001	22.690001	21.510000	22.610001
		22.610001			
## 1401	2002-12-09	22.230000	22.350000	21.600000	21.680000
		21.680000			
## 1402	2002-12-10	21.959999	21.990000	21.240000	21.860001
		21.860001			
## 1403	2002-12-11	21.670000	22.379999	21.620001	22.129999
		22.129999			
## 1404	2002-12-12	22.469999	22.620001	21.809999	22.299999
		22.299999			
## 1405	2002-12-13	21.950001	22.350000	21.870001	22.180000
		22.180000			
## 1406	2002-12-16	22.230000	22.530001	22.040001	22.510000
		22.510000			
## 1407	2002-12-17	22.330000	22.559999	22.320000	22.459999
		22.459999			
## 1408	2002-12-18	22.250000	22.260000	21.980000	22.100000
		22.100000			
## 1409	2002-12-19	21.629999	22.200001	21.530001	21.690001
		21.690001			
## 1410	2002-12-20	21.790001	22.010000	21.600000	21.930000
		21.930000			
## 1411	2002-12-23	21.780001	22.469999	21.780001	22.240000
		22.240000			

## 1412	2002-12-24	22.180000	22.280001	21.879999	21.879999
21.879999					
## 1413	2002-12-26	21.590000	21.600000	20.000000	20.299999
20.299999					
## 1414	2002-12-27	19.969999	20.100000	18.430000	18.860001
18.860001					
## 1415	2002-12-30	18.850000	19.400000	18.740000	19.250000
19.250000					
## 1416	2002-12-31	19.250000	19.559999	18.830000	18.889999
18.889999					
## 1417	2003-01-02	19.190001	19.680000	18.549999	19.570000
19.570000					
## 1418	2003-01-03	19.590000	20.530001	19.410000	20.520000
20.520000					
## 1419	2003-01-06	20.400000	21.170000	20.299999	20.700001
20.700001					
## 1420	2003-01-07	20.830000	21.750000	20.600000	21.549999
21.549999					
## 1421	2003-01-08	21.440001	21.600000	20.820000	21.020000
21.020000					
## 1422	2003-01-09	21.080000	21.700001	20.900000	21.450001
21.450001					
## 1423	2003-01-10	20.959999	21.660000	20.809999	21.320000
21.320000					
## 1424	2003-01-13	21.330000	22.100000	21.250000	22.040001
22.040001					
## 1425	2003-01-14	21.850000	22.760000	21.660000	22.740000
22.740000					
## 1426	2003-01-15	22.590000	22.610001	21.940001	22.270000
22.270000					
## 1427	2003-01-16	21.690001	22.100000	21.450001	21.799999
21.799999					
## 1428	2003-01-17	21.459999	21.709999	21.230000	21.400000
21.400000					
## 1429	2003-01-21	21.250000	21.610001	20.360001	21.080000
21.080000					
## 1430	2003-01-22	20.770000	21.700001	20.750000	21.170000
21.170000					
## 1431	2003-01-23	21.540001	22.040001	21.150000	21.790001
21.790001					
## 1432	2003-01-24	22.590000	23.280001	21.900000	22.110001
22.110001					
## 1433	2003-01-27	21.680000	22.370001	21.639999	21.780001
21.780001					
## 1434	2003-01-28	21.910000	21.969999	21.230000	21.620001
21.620001					
## 1435	2003-01-29	21.549999	22.350000	21.400000	22.080000
22.080000					
## 1436	2003-01-30	22.200001	22.400000	21.730000	21.820000
21.820000					

## 1437	2003-01-31	21.639999	22.270000	21.559999	21.850000
21.850000					
## 1438	2003-02-03	21.940001	22.440001	21.820000	22.160000
22.160000					
## 1439	2003-02-04	21.940001	22.139999	21.570000	22.049999
22.049999					
## 1440	2003-02-05	22.180000	22.500000	22.030001	22.170000
22.170000					
## 1441	2003-02-06	22.160000	22.480000	21.930000	22.090000
22.090000					
## 1442	2003-02-07	22.100000	22.110001	21.200001	21.440001
21.440001					
## 1443	2003-02-10	21.400000	21.410000	20.570000	21.400000
21.400000					
## 1444	2003-02-11	21.559999	21.600000	20.690001	20.780001
20.780001					
## 1445	2003-02-12	20.790001	21.200001	20.660000	21.129999
21.129999					
## 1446	2003-02-13	20.950001	21.000000	19.610001	20.059999
20.059999					
## 1447	2003-02-14	19.990000	20.230000	19.709999	20.059999
20.059999					
## 1448	2003-02-18	20.150000	21.410000	20.150000	21.389999
21.389999					
## 1449	2003-02-19	21.150000	21.250000	21.020000	21.190001
21.190001					
## 1450	2003-02-20	21.190001	21.500000	21.090000	21.360001
21.360001					
## 1451	2003-02-21	21.350000	21.830000	21.040001	21.780001
21.780001					
## 1452	2003-02-24	21.639999	22.180000	21.639999	21.780001
21.780001					
## 1453	2003-02-25	21.500000	22.000000	21.400000	21.879999
21.879999					
## 1454	2003-02-26	21.629999	21.980000	21.620001	21.639999
21.639999					
## 1455	2003-02-27	21.660000	21.770000	20.250000	21.620001
21.620001					
## 1456	2003-02-28	21.570000	22.020000	21.430000	22.010000
22.010000					
## 1457	2003-03-03	22.150000	22.610001	21.740000	21.809999
21.809999					
## 1458	2003-03-04	21.700001	22.350000	21.360001	22.270000
22.270000					
## 1459	2003-03-05	22.080000	22.620001	22.020000	22.420000
22.420000					
## 1460	2003-03-06	22.320000	22.850000	22.120001	22.690001
22.690001					
## 1461	2003-03-07	22.320000	23.040001	22.260000	22.969999
22.969999					

## 1462	2003-03-10	22.600000	22.959999	22.549999	22.879999
22.879999					
## 1463	2003-03-11	22.750000	22.920000	22.510000	22.780001
22.780001					
## 1464	2003-03-12	22.510000	23.379999	22.490000	23.360001
23.360001					
## 1465	2003-03-13	23.680000	24.590000	23.129999	24.420000
24.420000					
## 1466	2003-03-14	24.540001	24.900000	24.200001	24.709999
24.709999					
## 1467	2003-03-17	24.469999	26.840000	24.400000	26.549999
26.549999					
## 1468	2003-03-18	26.459999	26.840000	26.100000	26.780001
26.780001					
## 1469	2003-03-19	26.330000	26.690001	26.160000	26.540001
26.540001					
## 1470	2003-03-20	26.340000	27.629999	26.129999	27.450001
27.450001					
## 1471	2003-03-21	27.709999	27.950001	27.040001	27.930000
27.930000					
## 1472	2003-03-24	27.080000	27.260000	26.200001	26.230000
26.230000					
## 1473	2003-03-25	26.250000	27.090000	26.209999	26.900000
26.900000					
## 1474	2003-03-26	26.879999	27.870001	26.709999	27.760000
27.760000					
## 1475	2003-03-27	27.590000	28.040001	27.450001	27.770000
27.770000					
## 1476	2003-03-28	27.590000	27.950001	27.100000	27.180000
27.180000					
## 1477	2003-03-31	26.570000	26.740000	25.959999	26.030001
26.030001					
## 1478	2003-04-01	25.549999	25.590000	25.059999	25.540001
25.540001					
## 1479	2003-04-02	25.980000	26.480000	25.840000	26.379999
26.379999					
## 1480	2003-04-03	26.510000	27.090000	26.020000	26.650000
26.650000					
## 1481	2003-04-04	26.709999	26.830000	25.950001	26.219999
26.219999					
## 1482	2003-04-07	27.209999	27.559999	26.750000	26.820000
26.820000					
## 1483	2003-04-08	26.790001	26.799999	26.450001	26.520000
26.520000					
## 1484	2003-04-09	26.350000	26.370001	24.840000	25.059999
25.059999					
## 1485	2003-04-10	25.430000	25.940001	24.780001	25.670000
25.670000					
## 1486	2003-04-11	25.850000	26.240000	25.420000	25.750000
25.750000					

## 1487	2003-04-14	24.799999	25.150000	24.500000	25.049999
25.049999					
## 1488	2003-04-15	24.889999	25.430000	24.820000	25.129999
25.129999					
## 1489	2003-04-16	25.299999	25.500000	24.129999	24.379999
24.379999					
## 1490	2003-04-17	24.469999	25.010000	24.350000	24.990000
24.990000					
## 1491	2003-04-21	25.030001	26.170000	24.900000	25.250000
25.250000					
## 1492	2003-04-22	25.090000	25.690001	24.820000	25.580000
25.580000					
## 1493	2003-04-23	26.400000	26.549999	25.360001	25.430000
25.430000					
## 1494	2003-04-24	25.400000	26.719999	24.770000	25.120001
25.120001					
## 1495	2003-04-25	28.000000	29.000000	27.820000	28.969999
28.969999					
## 1496	2003-04-28	28.639999	29.190001	28.600000	29.110001
29.110001					
## 1497	2003-04-29	28.910000	29.040001	28.610001	28.889999
28.889999					
## 1498	2003-04-30	28.600000	29.000000	28.379999	28.690001
28.690001					
## 1499	2003-05-01	28.680000	28.700001	28.150000	28.660000
28.660000					
## 1500	2003-05-02	28.629999	29.450001	28.549999	29.430000
29.430000					
## 1501	2003-05-05	29.469999	30.049999	29.010000	29.959999
29.959999					
## 1502	2003-05-06	29.870001	31.180000	29.799999	30.879999
30.879999					
## 1503	2003-05-07	30.660000	30.860001	30.030001	30.700001
30.700001					
## 1504	2003-05-08	30.360001	30.760000	30.219999	30.450001
30.450001					
## 1505	2003-05-09	30.459999	30.990000	30.200001	30.959999
30.959999					
## 1506	2003-05-12	30.830000	31.799999	30.670000	31.700001
31.700001					
## 1507	2003-05-13	31.549999	33.490002	31.440001	32.950001
32.950001					
## 1508	2003-05-14	33.139999	33.189999	32.439999	32.599998
32.599998					
## 1509	2003-05-15	32.639999	32.750000	32.200001	32.630001
32.630001					
## 1510	2003-05-16	32.509998	33.160000	32.380001	33.049999
33.049999					
## 1511	2003-05-19	32.700001	32.970001	31.400000	31.559999
31.559999					

## 1512 2003-05-20	31.559999	32.130001	31.170000	31.480000
31.480000				
## 1513 2003-05-21	31.340000	31.840000	31.160000	31.750000
31.750000				
## 1514 2003-05-22	31.750000	33.290001	31.290001	33.000000
33.000000				
## 1515 2003-05-23	33.029999	33.049999	32.470001	32.720001
32.720001				
## 1516 2003-05-27	32.549999	35.029999	32.450001	34.849998
34.849998				
## 1517 2003-05-28	34.880001	35.730000	34.650002	34.860001
34.860001				
## 1518 2003-05-29	34.889999	35.970001	34.700001	35.549999
35.549999				
## 1519 2003-05-30	35.610001	36.090000	35.000000	35.889999
35.889999				
## 1520 2003-06-02	36.500000	36.680000	35.349998	35.400002
35.400002				
## 1521 2003-06-03	34.709999	35.310001	34.680000	35.230000
35.230000				
## 1522 2003-06-04	35.000000	35.599998	34.700001	35.389999
35.389999				
## 1523 2003-06-05	35.160000	35.840000	34.610001	35.520000
35.520000				
## 1524 2003-06-06	36.040001	36.259998	33.250000	33.349998
33.349998				
## 1525 2003-06-09	34.470001	34.470001	33.080002	33.680000
33.680000				
## 1526 2003-06-10	34.020000	34.380001	32.830002	34.070000
34.070000				
## 1527 2003-06-11	33.970001	34.810001	33.599998	34.650002
34.650002				
## 1528 2003-06-12	35.299999	35.400002	34.709999	35.200001
35.200001				
## 1529 2003-06-13	35.400002	35.450001	34.049999	34.130001
34.130001				
## 1530 2003-06-16	34.570000	35.849998	34.080002	35.840000
35.840000				
## 1531 2003-06-17	35.930000	36.369999	35.250000	35.840000
35.840000				
## 1532 2003-06-18	35.500000	37.240002	35.349998	35.849998
35.849998				
## 1533 2003-06-19	35.799999	36.750000	35.380001	35.500000
35.500000				
## 1534 2003-06-20	35.799999	35.880001	34.840000	35.040001
35.040001				
## 1535 2003-06-23	35.480000	35.860001	35.029999	35.580002
35.580002				
## 1536 2003-06-24	35.369999	35.820000	34.540001	35.400002
35.400002				

## 1537	2003-06-25	35.299999	36.130001	35.150002	35.389999
35.389999					
## 1538	2003-06-26	35.209999	36.840000	35.060001	36.720001
36.720001					
## 1539	2003-06-27	36.689999	37.090000	36.180000	36.299999
36.299999					
## 1540	2003-06-30	36.630001	36.820000	36.020000	36.320000
36.320000					
## 1541	2003-07-01	36.330002	37.290001	35.700001	37.250000
37.250000					
## 1542	2003-07-02	37.599998	37.889999	37.139999	37.849998
37.849998					
## 1543	2003-07-03	37.020000	38.160000	37.020000	37.919998
37.919998					
## 1544	2003-07-07	38.299999	39.099998	37.950001	39.049999
39.049999					
## 1545	2003-07-08	38.759998	40.830002	38.750000	40.509998
40.509998					
## 1546	2003-07-09	40.540001	40.730000	39.869999	40.500000
40.500000					
## 1547	2003-07-10	39.119999	39.500000	38.200001	38.250000
38.250000					
## 1548	2003-07-11	38.299999	38.299999	37.099998	37.650002
37.650002					
## 1549	2003-07-14	38.500000	39.610001	38.240002	39.270000
39.270000					
## 1550	2003-07-15	39.610001	39.610001	37.619999	38.430000
38.430000					
## 1551	2003-07-16	38.520000	38.520000	37.320000	37.680000
37.680000					
## 1552	2003-07-17	37.150002	37.299999	36.040001	36.320000
36.320000					
## 1553	2003-07-18	36.320000	36.849998	34.790001	34.980000
34.980000					
## 1554	2003-07-21	34.709999	36.000000	34.599998	35.330002
35.330002					
## 1555	2003-07-22	35.700001	36.000000	34.000000	34.869999
34.869999					
## 1556	2003-07-23	37.750000	40.250000	37.349998	40.110001
40.110001					
## 1557	2003-07-24	41.049999	43.099998	40.580002	41.310001
41.310001					
## 1558	2003-07-25	40.740002	41.650002	39.750000	41.599998
41.599998					
## 1559	2003-07-28	41.490002	42.180000	40.869999	42.080002
42.080002					
## 1560	2003-07-29	41.990002	42.500000	41.060001	41.389999
41.389999					
## 1561	2003-07-30	41.150002	41.270000	40.450001	40.660000
40.660000					

## 1562 2003-07-31	41.349998	41.970001	40.669998	41.639999
41.639999				
## 1563 2003-08-01	41.410000	41.630001	39.779999	40.029999
40.029999				
## 1564 2003-08-04	39.700001	40.290001	38.950001	39.650002
39.650002				
## 1565 2003-08-05	39.240002	39.849998	38.630001	38.669998
38.669998				
## 1566 2003-08-06	38.619999	39.950001	38.279999	38.939999
38.939999				
## 1567 2003-08-07	39.000000	39.340000	38.590000	39.009998
39.009998				
## 1568 2003-08-08	39.130001	39.400002	38.630001	39.150002
39.150002				
## 1569 2003-08-11	38.990002	39.040001	38.349998	38.930000
38.930000				
## 1570 2003-08-12	38.950001	39.959999	38.310001	39.849998
39.849998				
## 1571 2003-08-13	40.250000	40.470001	39.709999	40.209999
40.209999				
## 1572 2003-08-14	39.919998	40.369999	39.650002	40.299999
40.299999				
## 1573 2003-08-15	40.230000	40.380001	39.970001	40.099998
40.099998				
## 1574 2003-08-18	40.480000	43.240002	40.380001	43.020000
43.020000				
## 1575 2003-08-19	43.450001	44.189999	42.919998	43.570000
43.570000				
## 1576 2003-08-20	43.060001	43.939999	43.009998	43.759998
43.759998				
## 1577 2003-08-21	44.220001	45.910000	43.869999	45.700001
45.700001				
## 1578 2003-08-22	46.360001	46.950001	44.810001	45.220001
45.220001				
## 1579 2003-08-25	44.849998	46.160000	44.529999	45.849998
45.849998				
## 1580 2003-08-26	45.650002	46.139999	45.110001	45.930000
45.930000				
## 1581 2003-08-27	45.770000	46.070000	45.259998	45.880001
45.880001				
## 1582 2003-08-28	45.939999	46.000000	44.810001	45.939999
45.939999				
## 1583 2003-08-29	45.820000	46.439999	45.720001	46.320000
46.320000				
## 1584 2003-09-02	46.520000	47.450001	46.009998	47.330002
47.330002				
## 1585 2003-09-03	47.580002	47.750000	45.860001	46.189999
46.189999				
## 1586 2003-09-04	46.200001	47.389999	46.040001	47.290001
47.290001				

## 1587 2003-09-05	46.950001	47.480000	46.099998	46.520000
46.520000				
## 1588 2003-09-08	46.500000	47.349998	46.060001	47.279999
47.279999				
## 1589 2003-09-09	47.099998	47.380001	46.299999	46.680000
46.680000				
## 1590 2003-09-10	46.259998	47.230000	46.060001	46.220001
46.220001				
## 1591 2003-09-11	46.200001	46.349998	44.770000	45.189999
45.189999				
## 1592 2003-09-12	44.849998	45.779999	44.730000	45.680000
45.680000				
## 1593 2003-09-15	45.360001	45.770000	45.230000	45.509998
45.509998				
## 1594 2003-09-16	45.400002	46.250000	45.049999	46.240002
46.240002				
## 1595 2003-09-17	46.209999	46.860001	45.540001	46.160000
46.160000				
## 1596 2003-09-18	46.160000	48.240002	45.939999	47.889999
47.889999				
## 1597 2003-09-19	47.869999	47.970001	47.349998	47.580002
47.580002				
## 1598 2003-09-22	46.560001	47.529999	46.200001	47.470001
47.470001				
## 1599 2003-09-23	47.410000	50.919998	47.349998	50.439999
50.439999				
## 1600 2003-09-24	50.349998	51.299999	49.599998	49.610001
49.610001				
## 1601 2003-09-25	49.660000	50.950001	49.279999	50.049999
50.049999				
## 1602 2003-09-26	49.900002	50.459999	48.299999	48.560001
48.560001				
## 1603 2003-09-29	48.880001	49.970001	48.400002	49.860001
49.860001				
## 1604 2003-09-30	49.650002	49.759998	48.349998	48.430000
48.430000				
## 1605 2003-10-01	48.369999	49.279999	47.509998	49.119999
49.119999				
## 1606 2003-10-02	48.939999	50.200001	48.680000	50.090000
50.090000				
## 1607 2003-10-03	51.130001	53.220001	51.029999	52.889999
52.889999				
## 1608 2003-10-06	52.889999	54.240002	52.590000	54.150002
54.150002				
## 1609 2003-10-07	54.000000	56.250000	53.950001	54.910000
54.910000				
## 1610 2003-10-08	55.439999	56.279999	55.119999	55.700001
55.700001				
## 1611 2003-10-09	57.410000	59.099998	57.400002	57.860001
57.860001				

## 1612 2003-10-10	57.700001	58.330002	57.439999	58.060001
58.060001				
## 1613 2003-10-13	57.939999	58.689999	57.439999	58.299999
58.299999				
## 1614 2003-10-14	58.099998	59.980000	57.799999	59.910000
59.910000				
## 1615 2003-10-15	60.389999	60.410000	58.430000	58.549999
58.549999				
## 1616 2003-10-16	58.160000	59.910000	58.090000	59.910000
59.910000				
## 1617 2003-10-17	59.299999	59.900002	58.650002	59.689999
59.689999				
## 1618 2003-10-20	59.560001	60.240002	58.919998	59.590000
59.590000				
## 1619 2003-10-21	59.730000	61.150002	59.009998	59.349998
59.349998				
## 1620 2003-10-22	56.049999	56.150002	53.730000	54.029999
54.029999				
## 1621 2003-10-23	52.980000	54.520000	52.910000	54.320000
54.320000				
## 1622 2003-10-24	54.549999	54.939999	53.000000	54.509998
54.509998				
## 1623 2003-10-27	54.900002	55.250000	54.500000	54.820000
54.820000				
## 1624 2003-10-28	55.189999	56.900002	54.549999	56.730000
56.730000				
## 1625 2003-10-29	56.650002	57.150002	56.000000	56.689999
56.689999				
## 1626 2003-10-30	57.400002	57.520000	55.570000	55.830002
55.830002				
## 1627 2003-10-31	55.900002	56.130001	54.380001	54.430000
54.430000				
## 1628 2003-11-03	54.799999	56.799999	54.310001	56.740002
56.740002				
## 1629 2003-11-04	56.700001	57.490002	56.060001	56.860001
56.860001				
## 1630 2003-11-05	56.130001	56.990002	56.080002	56.740002
56.740002				
## 1631 2003-11-06	56.810001	56.869999	54.750000	54.990002
54.990002				
## 1632 2003-11-07	55.610001	55.700001	54.000000	54.310001
54.310001				
## 1633 2003-11-10	53.950001	54.000000	51.740002	51.980000
51.980000				
## 1634 2003-11-11	51.840000	52.750000	50.759998	52.230000
52.230000				
## 1635 2003-11-12	52.570000	54.290001	52.110001	54.130001
54.130001				
## 1636 2003-11-13	54.040001	55.130001	53.570000	54.799999
54.799999				

## 1637 2003-11-14	54.430000	54.779999	52.209999	52.450001
52.450001				
## 1638 2003-11-17	51.919998	52.189999	49.580002	50.360001
50.360001				
## 1639 2003-11-18	50.730000	50.980000	48.450001	48.500000
48.500000				
## 1640 2003-11-19	48.709999	49.849998	47.669998	49.529999
49.529999				
## 1641 2003-11-20	49.099998	50.459999	48.340000	48.849998
48.849998				
## 1642 2003-11-21	49.000000	49.200001	47.759998	48.580002
48.580002				
## 1643 2003-11-24	49.279999	51.450001	48.650002	51.330002
51.330002				
## 1644 2003-11-25	51.349998	53.299999	51.250000	52.470001
52.470001				
## 1645 2003-11-26	52.830002	53.540001	51.869999	52.959999
52.959999				
## 1646 2003-11-28	52.840000	54.060001	52.830002	53.970001
53.970001				
## 1647 2003-12-01	54.400002	54.750000	53.049999	54.650002
54.650002				
## 1648 2003-12-02	54.500000	54.750000	53.849998	53.930000
53.930000				
## 1649 2003-12-03	54.099998	54.250000	51.360001	51.509998
51.509998				
## 1650 2003-12-04	51.450001	52.430000	50.750000	51.799999
51.799999				
## 1651 2003-12-05	51.200001	52.700001	51.200001	51.560001
51.560001				
## 1652 2003-12-08	51.549999	52.200001	50.119999	51.080002
51.080002				
## 1653 2003-12-09	51.169998	51.650002	49.299999	49.340000
49.340000				
## 1654 2003-12-10	49.450001	50.169998	48.310001	49.200001
49.200001				
## 1655 2003-12-11	49.259998	51.150002	49.189999	50.799999
50.799999				
## 1656 2003-12-12	50.990002	51.310001	49.919998	50.990002
50.990002				
## 1657 2003-12-15	52.049999	52.250000	50.049999	50.410000
50.410000				
## 1658 2003-12-16	49.599998	49.799999	48.630001	49.500000
49.500000				
## 1659 2003-12-17	49.470001	49.610001	47.000000	47.580002
47.580002				
## 1660 2003-12-18	47.610001	48.889999	47.450001	48.750000
48.750000				
## 1661 2003-12-19	48.799999	49.410000	48.259998	49.240002
49.240002				

## 1662 2003-12-22	48.980000	50.099998	48.700001	49.889999
49.889999				
## 1663 2003-12-23	50.020000	52.619999	49.770000	52.480000
52.480000				
## 1664 2003-12-24	52.299999	53.880001	52.150002	53.320000
53.320000				
## 1665 2003-12-26	54.139999	54.939999	53.139999	53.470001
53.470001				
## 1666 2003-12-29	53.790001	53.840000	52.130001	53.470001
53.470001				
## 1667 2003-12-30	53.180000	53.500000	52.599998	52.830002
52.830002				
## 1668 2003-12-31	52.820000	53.480000	52.400002	52.619999
52.619999				
## 1669 2004-01-02	52.759998	53.130001	51.430000	51.900002
51.900002				
## 1670 2004-01-05	52.000000	53.599998	51.369999	53.270000
53.270000				
## 1671 2004-01-06	53.110001	53.500000	52.740002	53.029999
53.029999				
## 1672 2004-01-07	52.180000	52.660000	50.939999	51.900002
51.900002				
## 1673 2004-01-08	52.090000	52.099998	50.029999	50.240002
50.240002				
## 1674 2004-01-09	49.770000	52.150002	49.099998	51.590000
51.590000				
## 1675 2004-01-12	51.610001	53.029999	50.799999	52.950001
52.950001				
## 1676 2004-01-13	52.669998	54.990002	52.410000	54.910000
54.910000				
## 1677 2004-01-14	54.619999	55.990002	54.150002	55.799999
55.799999				
## 1678 2004-01-15	54.730000	56.779999	54.619999	56.180000
56.180000				
## 1679 2004-01-16	56.270000	56.369999	55.270000	55.720001
55.720001				
## 1680 2004-01-20	55.570000	56.840000	55.410000	56.610001
56.610001				
## 1681 2004-01-21	56.160000	56.939999	55.639999	56.200001
56.200001				
## 1682 2004-01-22	56.810001	57.820000	56.240002	57.180000
57.180000				
## 1683 2004-01-23	57.099998	57.610001	56.619999	57.110001
57.110001				
## 1684 2004-01-26	56.799999	57.200001	56.299999	57.029999
57.029999				
## 1685 2004-01-27	56.730000	57.740002	55.660000	55.740002
55.740002				
## 1686 2004-01-28	53.639999	54.450001	51.619999	51.959999
51.959999				

## 1687	2004-01-29	52.040001	52.060001	48.599998	49.220001
49.220001					
## 1688	2004-01-30	49.490002	51.369999	49.299999	50.400002
50.400002					
## 1689	2004-02-02	50.650002	50.650002	47.950001	48.270000
48.270000					
## 1690	2004-02-03	48.189999	48.279999	44.520000	44.939999
44.939999					
## 1691	2004-02-04	44.810001	45.910000	44.299999	45.389999
45.389999					
## 1692	2004-02-05	46.029999	47.090000	45.900002	46.040001
46.040001					
## 1693	2004-02-06	46.110001	46.730000	45.509998	46.349998
46.349998					
## 1694	2004-02-09	46.750000	46.799999	45.700001	45.860001
45.860001					
## 1695	2004-02-10	45.849998	46.250000	45.509998	45.590000
45.590000					
## 1696	2004-02-11	45.860001	47.360001	45.540001	47.139999
47.139999					
## 1697	2004-02-12	46.930000	48.099998	46.709999	47.060001
47.060001					
## 1698	2004-02-13	47.290001	47.700001	46.240002	46.380001
46.380001					
## 1699	2004-02-17	46.139999	46.450001	44.799999	45.529999
45.529999					
## 1700	2004-02-18	45.360001	45.369999	44.639999	44.869999
44.869999					
## 1701	2004-02-19	45.150002	46.160000	44.650002	44.650002
44.650002					
## 1702	2004-02-20	44.799999	45.380001	44.730000	45.169998
45.169998					
## 1703	2004-02-23	45.180000	45.250000	43.349998	43.970001
43.970001					
## 1704	2004-02-24	43.919998	43.939999	42.230000	42.320000
42.320000					
## 1705	2004-02-25	42.500000	43.290001	42.500000	42.939999
42.939999					
## 1706	2004-02-26	43.200001	43.849998	43.000000	43.650002
43.650002					
## 1707	2004-02-27	43.570000	43.599998	42.520000	43.009998
43.009998					
## 1708	2004-03-01	43.020000	43.480000	42.580002	42.970001
42.970001					
## 1709	2004-03-02	42.730000	43.490002	41.860001	42.009998
42.009998					
## 1710	2004-03-03	41.860001	43.380001	41.650002	43.169998
43.169998					
## 1711	2004-03-04	43.119999	44.470001	43.099998	44.389999
44.389999					

## 1712 2004-03-05	43.790001	44.830002	43.529999	44.090000
	44.090000			
## 1713 2004-03-08	43.959999	45.060001	43.130001	43.500000
	43.500000			
## 1714 2004-03-09	43.419998	43.889999	42.270000	42.709999
	42.709999			
## 1715 2004-03-10	42.720001	43.200001	41.459999	41.549999
	41.549999			
## 1716 2004-03-11	41.090000	42.369999	41.040001	41.279999
	41.279999			
## 1717 2004-03-12	41.349998	42.610001	41.299999	42.439999
	42.439999			
## 1718 2004-03-15	42.259998	42.799999	40.919998	41.080002
	41.080002			
## 1719 2004-03-16	41.290001	42.360001	41.259998	42.130001
	42.130001			
## 1720 2004-03-17	43.040001	43.450001	42.590000	42.799999
	42.799999			
## 1721 2004-03-18	42.529999	43.200001	42.209999	43.009998
	43.009998			
## 1722 2004-03-19	43.029999	43.750000	42.630001	42.799999
	42.799999			
## 1723 2004-03-22	41.750000	41.849998	40.509998	40.849998
	40.849998			
## 1724 2004-03-23	41.320000	41.740002	39.849998	40.230000
	40.230000			
## 1725 2004-03-24	40.310001	40.380001	39.150002	39.630001
	39.630001			
## 1726 2004-03-25	40.000000	42.200001	40.000000	41.990002
	41.990002			
## 1727 2004-03-26	42.009998	42.490002	41.290001	41.700001
	41.700001			
## 1728 2004-03-29	41.970001	42.799999	41.970001	42.759998
	42.759998			
## 1729 2004-03-30	42.709999	43.930000	42.560001	43.799999
	43.799999			
## 1730 2004-03-31	43.849998	44.000000	42.950001	43.279999
	43.279999			
## 1731 2004-04-01	43.450001	44.840000	43.299999	44.740002
	44.740002			
## 1732 2004-04-02	46.000000	46.250000	45.250000	46.090000
	46.090000			
## 1733 2004-04-05	45.669998	47.090000	45.590000	46.959999
	46.959999			
## 1734 2004-04-06	46.310001	46.970001	45.750000	46.439999
	46.439999			
## 1735 2004-04-07	46.200001	46.799999	45.389999	45.849998
	45.849998			
## 1736 2004-04-08	47.840000	48.150002	47.000000	48.099998
	48.099998			

## 1737 2004-04-12	48.160000	48.369999	47.570000	47.959999
47.959999				
## 1738 2004-04-13	47.990002	48.340000	46.360001	46.580002
46.580002				
## 1739 2004-04-14	46.080002	47.660000	45.980000	46.790001
46.790001				
## 1740 2004-04-15	46.980000	47.599998	46.000000	46.990002
46.990002				
## 1741 2004-04-16	47.049999	47.099998	45.330002	45.500000
45.500000				
## 1742 2004-04-19	45.349998	47.270000	45.119999	47.110001
47.110001				
## 1743 2004-04-20	47.660000	47.810001	45.180000	45.200001
45.200001				
## 1744 2004-04-21	45.200001	46.490002	44.910000	45.720001
45.720001				
## 1745 2004-04-22	45.950001	49.099998	45.889999	48.860001
48.860001				
## 1746 2004-04-23	46.000000	46.889999	45.509998	46.290001
46.290001				
## 1747 2004-04-26	46.330002	47.759998	46.150002	47.250000
47.250000				
## 1748 2004-04-27	47.590000	48.799999	46.790001	48.000000
48.000000				
## 1749 2004-04-28	47.619999	48.349998	46.639999	46.970001
46.970001				
## 1750 2004-04-29	46.900002	47.080002	45.509998	46.189999
46.189999				
## 1751 2004-04-30	46.060001	46.349998	43.310001	43.599998
43.599998				
## 1752 2004-05-03	43.480000	45.150002	43.410000	44.410000
44.410000				
## 1753 2004-05-04	44.410000	44.570000	43.700001	43.950001
43.950001				
## 1754 2004-05-05	43.980000	45.049999	43.950001	44.259998
44.259998				
## 1755 2004-05-06	43.590000	44.250000	42.770000	43.139999
43.139999				
## 1756 2004-05-07	42.959999	44.180000	41.680000	41.900002
41.900002				
## 1757 2004-05-10	41.230000	42.150002	40.570000	41.259998
41.259998				
## 1758 2004-05-11	41.919998	43.040001	41.900002	42.700001
42.700001				
## 1759 2004-05-12	42.340000	43.150002	41.250000	43.020000
43.020000				
## 1760 2004-05-13	42.459999	44.130001	42.250000	43.610001
43.610001				
## 1761 2004-05-14	43.700001	43.919998	42.759998	43.049999
43.049999				

## 1762 2004-05-17	42.240002	42.590000	41.700001	42.080002
42.080002				
## 1763 2004-05-18	42.200001	42.400002	41.830002	41.990002
41.990002				
## 1764 2004-05-19	42.380001	43.270000	41.470001	41.689999
41.689999				
## 1765 2004-05-20	41.650002	41.970001	40.799999	40.980000
40.980000				
## 1766 2004-05-21	41.270000	41.480000	40.549999	41.169998
41.169998				
## 1767 2004-05-24	41.290001	42.299999	41.169998	41.630001
41.630001				
## 1768 2004-05-25	41.750000	43.860001	41.389999	43.619999
43.619999				
## 1769 2004-05-26	43.860001	45.000000	43.669998	44.689999
44.689999				
## 1770 2004-05-27	45.270000	47.830002	44.849998	47.619999
47.619999				
## 1771 2004-05-28	47.270000	48.680000	46.880001	48.500000
48.500000				
## 1772 2004-06-01	47.869999	50.450001	47.700001	50.230000
50.230000				
## 1773 2004-06-02	50.490002	51.209999	49.770000	50.349998
50.349998				
## 1774 2004-06-03	49.849998	50.349998	49.320000	49.400002
49.400002				
## 1775 2004-06-04	50.049999	51.509998	50.000000	50.950001
50.950001				
## 1776 2004-06-07	51.689999	51.990002	50.650002	51.759998
51.759998				
## 1777 2004-06-08	51.299999	52.119999	51.099998	51.939999
51.939999				
## 1778 2004-06-09	51.619999	51.830002	50.009998	50.240002
50.240002				
## 1779 2004-06-10	50.400002	50.470001	49.259998	49.939999
49.939999				
## 1780 2004-06-14	49.340000	49.990002	49.040001	49.250000
49.250000				
## 1781 2004-06-15	49.709999	50.599998	49.490002	50.110001
50.110001				
## 1782 2004-06-16	50.090000	50.750000	49.910000	50.570000
50.570000				
## 1783 2004-06-17	50.509998	50.910000	49.410000	49.770000
49.770000				
## 1784 2004-06-18	49.439999	50.279999	49.400002	49.599998
49.599998				
## 1785 2004-06-21	49.450001	50.299999	49.250000	49.770000
49.770000				
## 1786 2004-06-22	49.669998	49.790001	48.240002	49.000000
49.000000				

## 1787	2004-06-23	48.770000	51.000000	48.349998	50.810001
50.810001					
## 1788	2004-06-24	51.000000	51.939999	50.689999	51.020000
51.020000					
## 1789	2004-06-25	51.049999	51.930000	50.869999	51.799999
51.799999					
## 1790	2004-06-28	52.380001	54.040001	52.200001	53.389999
53.389999					
## 1791	2004-06-29	53.220001	53.939999	52.650002	53.709999
53.709999					
## 1792	2004-06-30	53.610001	54.700001	53.419998	54.400002
54.400002					
## 1793	2004-07-01	53.799999	54.040001	52.049999	52.560001
52.560001					
## 1794	2004-07-02	52.619999	53.240002	51.830002	52.590000
52.590000					
## 1795	2004-07-06	52.549999	52.599998	50.490002	51.240002
51.240002					
## 1796	2004-07-07	50.790001	52.029999	50.240002	51.000000
51.000000					
## 1797	2004-07-08	48.509998	49.970001	48.470001	49.500000
49.500000					
## 1798	2004-07-09	49.869999	50.000000	47.820000	48.320000
48.320000					
## 1799	2004-07-12	48.220001	49.349998	48.029999	49.049999
49.049999					
## 1800	2004-07-13	49.110001	49.980000	48.869999	49.599998
49.599998					
## 1801	2004-07-14	48.950001	50.400002	48.889999	49.500000
49.500000					
## 1802	2004-07-15	49.509998	49.669998	48.119999	48.669998
48.669998					
## 1803	2004-07-16	48.990002	49.060001	46.779999	47.099998
47.099998					
## 1804	2004-07-19	47.259998	47.259998	45.150002	46.020000
46.020000					
## 1805	2004-07-20	46.139999	47.849998	46.119999	46.990002
46.990002					
## 1806	2004-07-21	47.320000	47.599998	44.520000	44.759998
44.759998					
## 1807	2004-07-22	43.709999	46.070000	43.639999	45.820000
45.820000					
## 1808	2004-07-23	42.470001	42.759998	39.560001	39.980000
39.980000					
## 1809	2004-07-26	40.230000	40.240002	38.330002	38.779999
38.779999					
## 1810	2004-07-27	39.200001	39.910000	38.799999	39.110001
39.110001					
## 1811	2004-07-28	39.290001	39.570000	37.380001	37.970001
37.970001					

## 1812 2004-07-29	38.310001	38.959999	38.020000	38.580002
38.580002				
## 1813 2004-07-30	38.500000	39.419998	38.230000	38.919998
38.919998				
## 1814 2004-08-02	38.450001	38.759998	37.810001	38.299999
38.299999				
## 1815 2004-08-03	38.320000	39.080002	37.230000	37.610001
37.610001				
## 1816 2004-08-04	36.820000	37.459999	36.400002	37.119999
37.119999				
## 1817 2004-08-05	37.410000	37.480000	35.380001	35.610001
35.610001				
## 1818 2004-08-06	35.250000	36.669998	34.849998	35.490002
35.490002				
## 1819 2004-08-09	35.340000	36.299999	34.849998	35.320000
35.320000				
## 1820 2004-08-10	35.689999	37.200001	35.549999	37.099998
37.099998				
## 1821 2004-08-11	36.400002	36.900002	35.599998	36.560001
36.560001				
## 1822 2004-08-12	36.250000	37.349998	36.169998	36.290001
36.290001				
## 1823 2004-08-13	36.560001	37.000000	35.869999	36.130001
36.130001				
## 1824 2004-08-16	36.139999	38.400002	35.980000	37.950001
37.950001				
## 1825 2004-08-17	38.570000	39.439999	37.900002	38.230000
38.230000				
## 1826 2004-08-18	37.919998	39.540001	37.419998	39.360001
39.360001				
## 1827 2004-08-19	40.259998	40.480000	36.349998	38.630001
38.630001				
## 1828 2004-08-20	38.459999	39.910000	38.110001	39.509998
39.509998				
## 1829 2004-08-23	39.889999	40.000000	39.110001	39.450001
39.450001				
## 1830 2004-08-24	39.720001	39.930000	38.320000	39.049999
39.049999				
## 1831 2004-08-25	39.060001	40.490002	38.160000	40.299999
40.299999				
## 1832 2004-08-26	40.180000	40.830002	39.700001	40.189999
40.189999				
## 1833 2004-08-27	40.320000	40.389999	39.599998	39.900002
39.900002				
## 1834 2004-08-30	39.880001	39.950001	38.250000	38.310001
38.310001				
## 1835 2004-08-31	38.380001	38.849998	37.860001	38.139999
38.139999				
## 1836 2004-09-01	38.230000	39.009998	38.020000	38.240002
38.240002				

## 1837 2004-09-02	38.040001	39.639999	37.910000	39.180000
39.180000				
## 1838 2004-09-03	39.009998	40.009998	38.639999	38.740002
38.740002				
## 1839 2004-09-07	39.150002	39.360001	38.110001	38.509998
38.509998				
## 1840 2004-09-08	38.490002	38.810001	37.709999	38.009998
38.009998				
## 1841 2004-09-09	38.240002	38.310001	37.360001	38.070000
38.070000				
## 1842 2004-09-10	38.130001	38.799999	37.900002	38.570000
38.570000				
## 1843 2004-09-13	39.130001	40.040001	38.820000	40.009998
40.009998				
## 1844 2004-09-14	40.200001	42.750000	39.900002	42.669998
42.669998				
## 1845 2004-09-15	42.049999	43.180000	41.869999	42.209999
42.209999				
## 1846 2004-09-16	42.389999	44.279999	42.349998	42.570000
42.570000				
## 1847 2004-09-17	42.849998	43.259998	42.389999	42.959999
42.959999				
## 1848 2004-09-20	42.709999	43.990002	42.610001	43.270000
43.270000				
## 1849 2004-09-21	43.570000	43.770000	42.770000	43.290001
43.290001				
## 1850 2004-09-22	43.150002	43.240002	41.169998	41.380001
41.380001				
## 1851 2004-09-23	41.330002	42.200001	41.110001	41.830002
41.830002				
## 1852 2004-09-24	41.810001	41.910000	40.849998	40.939999
40.939999				
## 1853 2004-09-27	40.910000	41.009998	39.750000	39.930000
39.930000				
## 1854 2004-09-28	40.150002	40.330002	38.970001	39.430000
39.430000				
## 1855 2004-09-29	39.450001	40.919998	39.360001	40.840000
40.840000				
## 1856 2004-09-30	40.549999	41.279999	40.209999	40.860001
40.860001				
## 1857 2004-10-01	41.290001	41.299999	40.389999	40.470001
40.470001				
## 1858 2004-10-04	41.360001	41.680000	40.740002	41.009998
41.009998				
## 1859 2004-10-05	40.840000	41.250000	40.570000	40.959999
40.959999				
## 1860 2004-10-06	40.730000	41.410000	40.400002	41.360001
41.360001				
## 1861 2004-10-07	41.419998	42.700001	40.849998	41.150002
41.150002				

## 1862	2004-10-08	40.939999	41.189999	39.630001	40.000000
40.000000					
## 1863	2004-10-11	39.830002	40.750000	39.410000	40.150002
40.150002					
## 1864	2004-10-12	39.549999	40.580002	39.470001	40.220001
40.220001					
## 1865	2004-10-13	41.419998	41.549999	39.750000	39.980000
39.980000					
## 1866	2004-10-14	39.450001	39.549999	38.730000	39.099998
39.099998					
## 1867	2004-10-15	39.290001	39.669998	37.880001	38.549999
38.549999					
## 1868	2004-10-18	38.230000	39.470001	37.889999	39.270000
39.270000					
## 1869	2004-10-19	39.740002	39.849998	38.169998	38.330002
38.330002					
## 1870	2004-10-20	38.110001	38.590000	37.790001	38.349998
38.349998					
## 1871	2004-10-21	39.299999	40.189999	38.500000	39.470001
39.470001					
## 1872	2004-10-22	36.220001	36.799999	33.000000	34.599998
34.599998					
## 1873	2004-10-25	34.000000	34.410000	33.720001	33.970001
33.970001					
## 1874	2004-10-26	34.150002	34.259998	33.509998	33.830002
33.830002					
## 1875	2004-10-27	33.630001	34.630001	33.619999	34.230000
34.230000					
## 1876	2004-10-28	34.240002	34.770000	34.139999	34.450001
34.450001					
## 1877	2004-10-29	34.360001	34.450001	34.000000	34.130001
34.130001					
## 1878	2004-11-01	34.220001	35.150002	34.150002	35.099998
35.099998					
## 1879	2004-11-02	35.490002	36.490002	35.139999	36.240002
36.240002					
## 1880	2004-11-03	37.180000	37.619999	35.560001	35.919998
35.919998					
## 1881	2004-11-04	35.700001	37.290001	35.520000	36.910000
36.910000					
## 1882	2004-11-05	37.299999	37.389999	36.020000	36.560001
36.560001					
## 1883	2004-11-08	36.750000	37.580002	36.720001	37.320000
37.320000					
## 1884	2004-11-09	37.180000	37.810001	36.700001	37.400002
37.400002					
## 1885	2004-11-10	38.000000	38.840000	37.830002	38.090000
38.090000					
## 1886	2004-11-11	38.090000	39.000000	37.639999	38.830002
38.830002					

## 1887 2004-11-12	39.049999	40.939999	39.000000	40.459999
40.459999				
## 1888 2004-11-15	40.459999	41.500000	40.180000	40.889999
40.889999				
## 1889 2004-11-16	40.500000	40.660000	39.750000	40.070000
40.070000				
## 1890 2004-11-17	40.400002	40.590000	39.540001	39.900002
39.900002				
## 1891 2004-11-18	39.730000	40.959999	39.590000	40.369999
40.369999				
## 1892 2004-11-19	39.150002	39.439999	38.189999	38.549999
38.549999				
## 1893 2004-11-22	38.439999	38.529999	37.580002	38.049999
38.049999				
## 1894 2004-11-23	38.180000	39.680000	38.029999	38.310001
38.310001				
## 1895 2004-11-24	38.869999	39.160000	38.099998	38.750000
38.750000				
## 1896 2004-11-26	38.950001	39.340000	38.889999	39.090000
39.090000				
## 1897 2004-11-29	39.599998	39.619999	37.709999	38.939999
38.939999				
## 1898 2004-11-30	38.970001	39.799999	38.950001	39.680000
39.680000				
## 1899 2004-12-01	40.000000	40.000000	39.250000	39.980000
39.980000				
## 1900 2004-12-02	39.639999	40.740002	39.279999	40.169998
40.169998				
## 1901 2004-12-03	40.360001	40.459999	39.540001	40.090000
40.090000				
## 1902 2004-12-06	39.730000	39.980000	39.150002	39.490002
39.490002				
## 1903 2004-12-07	39.450001	39.750000	38.049999	38.200001
38.200001				
## 1904 2004-12-08	38.320000	39.099998	37.990002	38.720001
38.720001				
## 1905 2004-12-09	38.400002	39.950001	38.169998	39.820000
39.820000				
## 1906 2004-12-10	39.540001	40.099998	39.000000	39.049999
39.049999				
## 1907 2004-12-13	39.330002	40.279999	38.820000	39.830002
39.830002				
## 1908 2004-12-14	40.150002	40.470001	39.939999	40.439999
40.439999				
## 1909 2004-12-15	40.340000	41.000000	40.209999	41.000000
41.000000				
## 1910 2004-12-16	40.860001	41.000000	39.709999	40.049999
40.049999				
## 1911 2004-12-17	40.160000	40.220001	39.869999	40.009998
40.009998				

## 1912 2004-12-20	39.930000	40.490002	38.810001	38.950001
38.950001				
## 1913 2004-12-21	38.840000	39.419998	38.639999	39.389999
39.389999				
## 1914 2004-12-22	38.610001	39.590000	38.549999	39.520000
39.520000				
## 1915 2004-12-23	39.340000	39.520000	38.919998	38.930000
38.930000				
## 1916 2004-12-27	39.520000	42.930000	39.470001	42.250000
42.250000				
## 1917 2004-12-28	43.900002	45.119999	43.500000	44.630001
44.630001				
## 1918 2004-12-29	44.750000	45.680000	44.439999	44.820000
44.820000				
## 1919 2004-12-30	45.000000	45.529999	44.549999	44.970001
44.970001				
## 1920 2004-12-31	45.130001	45.490002	44.160000	44.290001
44.290001				
## 1921 2005-01-03	44.950001	45.439999	44.209999	44.520000
44.520000				
## 1922 2005-01-04	42.669998	43.259998	41.500000	42.139999
42.139999				
## 1923 2005-01-05	41.570000	42.759998	41.560001	41.770000
41.770000				
## 1924 2005-01-06	41.810001	42.250000	40.900002	41.049999
41.049999				
## 1925 2005-01-07	41.380001	42.689999	41.160000	42.320000
42.320000				
## 1926 2005-01-10	41.939999	42.959999	41.709999	41.840000
41.840000				
## 1927 2005-01-11	41.400002	42.160000	41.009998	41.639999
41.639999				
## 1928 2005-01-12	41.490002	42.480000	40.820000	42.299999
42.299999				
## 1929 2005-01-13	42.450001	44.580002	42.340000	42.599998
42.599998				
## 1930 2005-01-14	42.900002	44.660000	42.360001	44.549999
44.549999				
## 1931 2005-01-18	44.290001	45.000000	44.150002	44.580002
44.580002				
## 1932 2005-01-19	44.470001	44.740002	43.430000	43.959999
43.959999				
## 1933 2005-01-20	41.709999	43.959999	41.639999	42.360001
42.360001				
## 1934 2005-01-21	41.990002	42.549999	41.020000	41.160000
41.160000				
## 1935 2005-01-24	41.439999	41.950001	40.310001	40.380001
40.380001				
## 1936 2005-01-25	40.639999	41.439999	40.450001	40.939999
40.939999				

## 1937	2005-01-26	41.180000	41.799999	40.259998	41.340000
41.340000					
## 1938	2005-01-27	41.270000	42.400002	41.139999	42.310001
42.310001					
## 1939	2005-01-28	42.090000	43.000000	41.529999	42.220001
42.220001					
## 1940	2005-01-31	42.439999	43.419998	42.430000	43.220001
43.220001					
## 1941	2005-02-01	43.000000	43.270000	42.380001	42.480000
42.480000					
## 1942	2005-02-02	43.049999	43.540001	40.860001	41.880001
41.880001					
## 1943	2005-02-03	34.900002	35.889999	34.529999	35.750000
35.750000					
## 1944	2005-02-04	35.650002	35.980000	35.189999	35.720001
35.720001					
## 1945	2005-02-07	35.820000	35.840000	35.549999	35.689999
35.689999					
## 1946	2005-02-08	35.540001	36.520000	35.529999	36.299999
36.299999					
## 1947	2005-02-09	36.450001	36.799999	35.869999	35.889999
35.889999					
## 1948	2005-02-10	36.070000	36.110001	35.529999	35.779999
35.779999					
## 1949	2005-02-11	35.570000	35.950001	35.000000	35.779999
35.779999					
## 1950	2005-02-14	35.650002	36.630001	35.500000	36.029999
36.029999					
## 1951	2005-02-15	36.209999	36.450001	35.750000	36.139999
36.139999					
## 1952	2005-02-16	35.930000	36.349998	35.580002	35.660000
35.660000					
## 1953	2005-02-17	35.740002	35.849998	35.250000	35.689999
35.689999					
## 1954	2005-02-18	35.610001	35.750000	35.099998	35.310001
35.310001					
## 1955	2005-02-22	35.020000	35.389999	34.509998	34.720001
34.720001					
## 1956	2005-02-23	34.950001	34.970001	33.200001	34.139999
34.139999					
## 1957	2005-02-24	33.660000	34.849998	33.660000	34.689999
34.689999					
## 1958	2005-02-25	34.720001	35.230000	34.480000	34.990002
34.990002					
## 1959	2005-02-28	34.720001	35.660000	34.669998	35.180000
35.180000					
## 1960	2005-03-01	35.060001	35.410000	34.820000	35.389999
35.389999					
## 1961	2005-03-02	35.389999	35.930000	35.070000	35.500000
35.500000					

## 1962 2005-03-03	35.500000	35.959999	35.400002	35.650002
35.650002				
## 1963 2005-03-04	35.840000	36.310001	35.700001	35.849998
35.849998				
## 1964 2005-03-07	35.939999	36.400002	35.810001	36.320000
36.320000				
## 1965 2005-03-08	36.310001	36.430000	35.750000	35.830002
35.830002				
## 1966 2005-03-09	35.740002	35.930000	34.900002	35.400002
35.400002				
## 1967 2005-03-10	35.310001	35.709999	34.570000	34.910000
34.910000				
## 1968 2005-03-11	34.810001	34.869999	34.049999	34.750000
34.750000				
## 1969 2005-03-14	34.669998	34.750000	34.000000	34.599998
34.599998				
## 1970 2005-03-15	34.580002	34.849998	33.900002	34.180000
34.180000				
## 1971 2005-03-16	33.880001	34.439999	33.599998	33.869999
33.869999				
## 1972 2005-03-17	33.580002	34.439999	33.580002	33.970001
33.970001				
## 1973 2005-03-18	34.150002	34.279999	33.650002	34.160000
34.160000				
## 1974 2005-03-21	34.209999	34.630001	33.540001	33.669998
33.669998				
## 1975 2005-03-22	33.700001	33.939999	33.070000	33.150002
33.150002				
## 1976 2005-03-23	33.090000	33.840000	32.820000	33.180000
33.180000				
## 1977 2005-03-24	33.400002	33.880001	32.869999	32.880001
32.880001				
## 1978 2005-03-28	33.099998	33.650002	33.020000	33.389999
33.389999				
## 1979 2005-03-29	33.279999	34.150002	33.230000	33.430000
33.430000				
## 1980 2005-03-30	33.590000	34.520000	33.509998	34.320000
34.320000				
## 1981 2005-03-31	34.490002	34.549999	34.000000	34.270000
34.270000				
## 1982 2005-04-01	34.630001	34.709999	33.779999	34.009998
34.009998				
## 1983 2005-04-04	34.000000	35.180000	33.810001	35.000000
35.000000				
## 1984 2005-04-05	35.230000	35.340000	34.990002	35.279999
35.279999				
## 1985 2005-04-06	35.099998	35.200001	34.619999	34.820000
34.820000				
## 1986 2005-04-07	34.680000	34.919998	34.500000	34.900002
34.900002				

## 1987 2005-04-08	34.750000	34.930000	34.570000	34.599998
34.599998				
## 1988 2005-04-11	34.599998	35.000000	34.360001	34.599998
34.599998				
## 1989 2005-04-12	34.400002	34.639999	33.660000	34.630001
34.630001				
## 1990 2005-04-13	34.349998	34.709999	34.150002	34.299999
34.299999				
## 1991 2005-04-14	34.259998	34.500000	33.880001	33.970001
33.970001				
## 1992 2005-04-15	33.959999	34.000000	33.020000	33.020000
33.020000				
## 1993 2005-04-18	32.900002	33.580002	32.840000	33.000000
33.000000				
## 1994 2005-04-19	33.180000	33.369999	32.009998	32.779999
32.779999				
## 1995 2005-04-20	33.099998	33.759998	32.900002	33.250000
33.250000				
## 1996 2005-04-21	33.500000	33.889999	32.889999	33.730000
33.730000				
## 1997 2005-04-22	33.490002	33.630001	32.910000	33.040001
33.040001				
## 1998 2005-04-25	33.130001	33.590000	33.049999	33.529999
33.529999				
## 1999 2005-04-26	33.430000	33.980000	32.580002	32.709999
32.709999				
## 2000 2005-04-27	30.840000	31.740000	30.600000	31.719999
31.719999				
## 2001 2005-04-28	31.660000	32.919998	31.629999	32.520000
32.520000				
## 2002 2005-04-29	32.860001	32.889999	31.520000	32.360001
32.360001				
## 2003 2005-05-02	32.299999	33.279999	32.099998	33.099998
33.099998				
## 2004 2005-05-03	32.939999	33.560001	32.889999	33.209999
33.209999				
## 2005 2005-05-04	33.349998	34.119999	33.270000	33.959999
33.959999				
## 2006 2005-05-05	33.959999	34.180000	33.590000	33.959999
33.959999				
## 2007 2005-05-06	34.240002	34.689999	34.139999	34.520000
34.520000				
## 2008 2005-05-09	34.400002	34.799999	34.250000	34.639999
34.639999				
## 2009 2005-05-10	34.400002	34.470001	34.020000	34.230000
34.230000				
## 2010 2005-05-11	34.299999	34.509998	33.650002	33.820000
33.820000				
## 2011 2005-05-12	33.700001	34.119999	33.549999	33.849998
33.849998				

## 2012 2005-05-13	33.990002	34.349998	33.799999	33.900002
33.900002				
## 2013 2005-05-16	34.029999	34.770000	33.919998	34.540001
34.540001				
## 2014 2005-05-17	34.450001	34.820000	34.090000	34.730000
34.730000				
## 2015 2005-05-18	34.810001	35.970001	34.730000	35.330002
35.330002				
## 2016 2005-05-19	35.369999	35.910000	35.330002	35.590000
35.590000				
## 2017 2005-05-20	35.450001	35.599998	34.959999	35.500000
35.500000				
## 2018 2005-05-23	35.570000	36.020000	35.389999	35.680000
35.680000				
## 2019 2005-05-24	35.480000	35.570000	35.130001	35.540001
35.540001				
## 2020 2005-05-25	35.270000	35.450001	35.189999	35.250000
35.250000				
## 2021 2005-05-26	35.279999	35.680000	35.169998	35.450001
35.450001				
## 2022 2005-05-27	35.220001	35.549999	35.150002	35.500000
35.500000				
## 2023 2005-05-31	35.360001	36.040001	35.290001	35.509998
35.509998				
## 2024 2005-06-01	35.570000	36.990002	35.439999	36.500000
36.500000				
## 2025 2005-06-02	36.330002	36.910000	36.209999	36.410000
36.410000				
## 2026 2005-06-03	36.459999	36.500000	35.320000	35.590000
35.590000				
## 2027 2005-06-06	35.540001	36.020000	35.480000	35.770000
35.770000				
## 2028 2005-06-07	35.910000	36.200001	35.290001	35.349998
35.349998				
## 2029 2005-06-08	35.400002	35.480000	34.799999	34.830002
34.830002				
## 2030 2005-06-09	34.930000	35.279999	34.400002	35.200001
35.200001				
## 2031 2005-06-10	35.250000	35.290001	34.470001	34.950001
34.950001				
## 2032 2005-06-13	34.669998	35.410000	34.650002	34.869999
34.869999				
## 2033 2005-06-14	34.820000	35.169998	34.790001	35.040001
35.040001				
## 2034 2005-06-15	35.340000	35.410000	34.520000	35.240002
35.240002				
## 2035 2005-06-16	35.200001	35.810001	35.160000	35.580002
35.580002				
## 2036 2005-06-17	35.889999	36.070000	35.160000	35.310001
35.310001				

## 2037 2005-06-20	35.049999	35.970001	35.040001	35.689999
35.689999				
## 2038 2005-06-21	35.599998	35.810001	35.279999	35.380001
35.380001				
## 2039 2005-06-22	35.500000	35.849998	35.139999	35.220001
35.220001				
## 2040 2005-06-23	35.139999	35.560001	35.099998	35.430000
35.430000				
## 2041 2005-06-24	35.299999	35.439999	34.880001	35.020000
35.020000				
## 2042 2005-06-27	34.910000	35.049999	34.169998	34.500000
34.500000				
## 2043 2005-06-28	34.599998	34.630001	33.590000	33.709999
33.709999				
## 2044 2005-06-29	33.700001	34.070000	33.270000	33.349998
33.349998				
## 2045 2005-06-30	33.470001	33.560001	32.930000	33.090000
33.090000				
## 2046 2005-07-01	33.240002	33.270000	32.790001	32.910000
32.910000				
## 2047 2005-07-05	33.500000	34.480000	33.450001	34.080002
34.080002				
## 2048 2005-07-06	34.009998	34.400002	33.860001	34.060001
34.060001				
## 2049 2005-07-07	33.799999	34.509998	33.799999	33.959999
33.959999				
## 2050 2005-07-08	34.110001	34.750000	33.849998	34.740002
34.740002				
## 2051 2005-07-11	34.720001	35.680000	34.599998	35.590000
35.590000				
## 2052 2005-07-12	35.490002	36.540001	35.459999	36.310001
36.310001				
## 2053 2005-07-13	36.270000	36.549999	36.189999	36.509998
36.509998				
## 2054 2005-07-14	37.189999	37.419998	36.880001	37.189999
37.189999				
## 2055 2005-07-15	37.349998	37.500000	36.750000	37.150002
37.150002				
## 2056 2005-07-18	36.950001	37.189999	36.759998	37.189999
37.189999				
## 2057 2005-07-19	37.380001	38.169998	36.689999	38.169998
38.169998				
## 2058 2005-07-20	37.490002	38.250000	37.299999	38.169998
38.169998				
## 2059 2005-07-21	38.959999	39.750000	37.759998	37.950001
37.950001				
## 2060 2005-07-22	37.889999	38.230000	37.240002	37.950001
37.950001				
## 2061 2005-07-25	38.000000	39.040001	37.849998	37.950001
37.950001				

## 2062	2005-07-26	38.220001	38.750000	37.720001	37.740002
37.740002					
## 2063	2005-07-27	42.009998	43.740002	41.840000	43.650002
43.650002					
## 2064	2005-07-28	43.540001	45.810001	43.369999	45.680000
45.680000					
## 2065	2005-07-29	45.310001	45.750000	44.610001	45.150002
45.150002					
## 2066	2005-08-01	44.880001	45.189999	44.349998	44.930000
44.930000					
## 2067	2005-08-02	44.900002	46.970001	44.880001	46.509998
46.509998					
## 2068	2005-08-03	46.009998	46.180000	45.840000	46.110001
46.110001					
## 2069	2005-08-04	45.549999	45.770000	45.419998	45.459999
45.459999					
## 2070	2005-08-05	45.250000	45.709999	45.169998	45.270000
45.270000					
## 2071	2005-08-08	45.320000	45.900002	45.259998	45.660000
45.660000					
## 2072	2005-08-09	45.759998	46.439999	45.750000	45.930000
45.930000					
## 2073	2005-08-10	45.389999	45.570000	44.590000	44.759998
44.759998					
## 2074	2005-08-11	44.619999	45.209999	44.500000	45.209999
45.209999					
## 2075	2005-08-12	44.630001	45.720001	44.049999	44.200001
44.200001					
## 2076	2005-08-15	43.930000	45.349998	43.880001	45.040001
45.040001					
## 2077	2005-08-16	44.900002	44.939999	44.200001	44.270000
44.270000					
## 2078	2005-08-17	44.189999	44.430000	44.119999	44.119999
44.119999					
## 2079	2005-08-18	43.880001	43.900002	43.509998	43.730000
43.730000					
## 2080	2005-08-19	43.599998	43.770000	43.330002	43.720001
43.720001					
## 2081	2005-08-22	43.610001	44.270000	42.939999	43.770000
43.770000					
## 2082	2005-08-23	43.740002	43.970001	43.220001	43.419998
43.419998					
## 2083	2005-08-24	43.320000	43.320000	42.270000	42.369999
42.369999					
## 2084	2005-08-25	42.540001	42.799999	42.080002	42.310001
42.310001					
## 2085	2005-08-26	42.299999	42.630001	42.259998	42.369999
42.369999					
## 2086	2005-08-29	41.910000	43.000000	41.910000	42.790001
42.790001					

## 2087	2005-08-30	42.389999	42.709999	41.959999	42.490002
		42.490002			
## 2088	2005-08-31	42.439999	42.810001	42.040001	42.700001
		42.700001			
## 2089	2005-09-01	42.520000	42.970001	41.750000	41.840000
		41.840000			
## 2090	2005-09-02	42.000000	42.049999	41.040001	41.509998
		41.509998			
## 2091	2005-09-06	41.549999	43.650002	41.509998	43.619999
		43.619999			
## 2092	2005-09-07	43.500000	44.299999	43.450001	43.730000
		43.730000			
## 2093	2005-09-08	43.450001	43.490002	42.830002	42.959999
		42.959999			
## 2094	2005-09-09	42.990002	43.200001	42.810001	42.950001
		42.950001			
## 2095	2005-09-12	42.720001	44.959999	42.689999	44.500000
		44.500000			
## 2096	2005-09-13	44.169998	44.380001	43.439999	43.930000
		43.930000			
## 2097	2005-09-14	43.880001	44.730000	42.820000	43.099998
		43.099998			
## 2098	2005-09-15	43.200001	43.590000	42.650002	42.709999
		42.709999			
## 2099	2005-09-16	42.799999	42.919998	42.119999	42.799999
		42.799999			
## 2100	2005-09-19	42.630001	43.430000	42.169998	42.750000
		42.750000			
## 2101	2005-09-20	42.650002	43.009998	41.770000	41.869999
		41.869999			
## 2102	2005-09-21	41.849998	42.639999	41.250000	41.250000
		41.250000			
## 2103	2005-09-22	41.200001	42.270000	40.500000	42.080002
		42.080002			
## 2104	2005-09-23	41.970001	42.619999	41.549999	42.189999
		42.189999			
## 2105	2005-09-26	42.450001	43.419998	42.400002	43.340000
		43.340000			
## 2106	2005-09-27	43.259998	43.730000	42.820000	43.160000
		43.160000			
## 2107	2005-09-28	43.250000	43.740002	42.990002	43.369999
		43.369999			
## 2108	2005-09-29	43.380001	44.799999	43.130001	44.790001
		44.790001			
## 2109	2005-09-30	44.650002	45.840000	44.599998	45.299999
		45.299999			
## 2110	2005-10-03	45.330002	46.590000	45.160000	46.009998
		46.009998			
## 2111	2005-10-04	46.000000	46.119999	44.500000	44.930000
		44.930000			

## 2112 2005-10-05	44.910000	45.290001	43.889999	44.490002
44.490002				
## 2113 2005-10-06	44.560001	44.810001	43.330002	44.009998
44.009998				
## 2114 2005-10-07	44.270000	44.610001	43.380001	43.720001
43.720001				
## 2115 2005-10-10	43.820000	44.380001	43.580002	43.759998
43.759998				
## 2116 2005-10-11	43.919998	44.320000	43.230000	43.400002
43.400002				
## 2117 2005-10-12	42.910000	43.680000	42.439999	42.549999
42.549999				
## 2118 2005-10-13	42.430000	42.980000	41.900002	42.619999
42.619999				
## 2119 2005-10-14	43.000000	43.869999	42.340000	43.790001
43.790001				
## 2120 2005-10-17	43.630001	45.020000	43.619999	45.020000
45.020000				
## 2121 2005-10-18	44.919998	45.049999	44.299999	44.650002
44.650002				
## 2122 2005-10-19	44.540001	45.860001	44.279999	45.860001
45.860001				
## 2123 2005-10-20	45.900002	46.070000	44.680000	45.009998
45.009998				
## 2124 2005-10-21	45.669998	46.049999	45.150002	45.950001
45.950001				
## 2125 2005-10-24	46.119999	46.959999	45.860001	46.930000
46.930000				
## 2126 2005-10-25	46.880001	47.000000	46.040001	46.169998
46.169998				
## 2127 2005-10-26	41.000000	41.099998	39.480000	39.750000
39.750000				
## 2128 2005-10-27	39.639999	39.900002	38.860001	39.060001
39.060001				
## 2129 2005-10-28	39.549999	39.650002	38.720001	38.950001
38.950001				
## 2130 2005-10-31	39.349998	40.389999	39.119999	39.860001
39.860001				
## 2131 2005-11-01	39.970001	40.740002	39.650002	40.369999
40.369999				
## 2132 2005-11-02	40.290001	41.230000	39.799999	40.750000
40.750000				
## 2133 2005-11-03	40.889999	42.000000	40.849998	41.560001
41.560001				
## 2134 2005-11-04	41.490002	41.799999	40.910000	41.090000
41.090000				
## 2135 2005-11-07	41.080002	41.470001	40.549999	41.389999
41.389999				
## 2136 2005-11-08	41.330002	42.110001	41.029999	41.950001
41.950001				

## 2137 2005-11-09	41.790001	42.000000	41.279999	41.400002
41.400002				
## 2138 2005-11-10	41.470001	42.450001	40.860001	42.180000
42.180000				
## 2139 2005-11-11	42.369999	43.040001	42.250000	42.680000
42.680000				
## 2140 2005-11-14	42.520000	43.000000	42.340000	42.529999
42.529999				
## 2141 2005-11-15	45.459999	45.650002	44.430000	44.450001
44.450001				
## 2142 2005-11-16	44.270000	45.400002	44.240002	45.299999
45.299999				
## 2143 2005-11-17	45.430000	46.759998	45.360001	46.740002
46.740002				
## 2144 2005-11-18	46.900002	48.000000	46.660000	47.980000
47.980000				
## 2145 2005-11-21	47.570000	48.310001	47.279999	47.990002
47.990002				
## 2146 2005-11-22	47.500000	49.009998	47.340000	48.849998
48.849998				
## 2147 2005-11-23	48.770000	48.959999	48.090000	48.240002
48.240002				
## 2148 2005-11-25	48.049999	48.480000	47.619999	48.060001
48.060001				
## 2149 2005-11-28	48.150002	49.119999	47.619999	48.349998
48.349998				
## 2150 2005-11-29	48.310001	49.430000	48.119999	48.549999
48.549999				
## 2151 2005-11-30	48.480000	48.680000	47.549999	48.459999
48.459999				
## 2152 2005-12-01	48.880001	49.400002	48.630001	49.000000
49.000000				
## 2153 2005-12-02	48.919998	49.529999	48.400002	49.060001
49.060001				
## 2154 2005-12-05	48.860001	49.349998	48.750000	48.830002
48.830002				
## 2155 2005-12-06	49.060001	49.900002	49.060001	49.259998
49.259998				
## 2156 2005-12-07	49.310001	49.470001	48.290001	48.830002
48.830002				
## 2157 2005-12-08	48.830002	49.099998	47.860001	48.349998
48.349998				
## 2158 2005-12-09	48.650002	49.040001	48.250000	48.740002
48.740002				
## 2159 2005-12-12	49.150002	49.299999	48.639999	49.070000
49.070000				
## 2160 2005-12-13	48.540001	49.669998	48.480000	49.500000
49.500000				
## 2161 2005-12-14	49.200001	49.599998	48.790001	49.410000
49.410000				

## 2162	2005-12-15	49.500000	49.950001	49.049999	49.480000
49.480000					
## 2163	2005-12-16	49.400002	49.919998	49.209999	49.209999
49.209999					
## 2164	2005-12-19	48.990002	50.000000	48.320000	48.369999
48.369999					
## 2165	2005-12-20	48.459999	48.599998	47.680000	48.139999
48.139999					
## 2166	2005-12-21	48.290001	49.060001	47.779999	48.970001
48.970001					
## 2167	2005-12-22	48.900002	49.279999	48.360001	49.220001
49.220001					
## 2168	2005-12-23	49.090000	49.389999	48.720001	49.220001
49.220001					
## 2169	2005-12-27	48.900002	49.099998	48.360001	48.560001
48.560001					
## 2170	2005-12-28	48.490002	48.549999	47.900002	48.060001
48.060001					
## 2171	2005-12-29	48.130001	48.459999	47.970001	47.990002
47.990002					
## 2172	2005-12-30	47.730000	48.200001	47.139999	47.150002
47.150002					
## 2173	2006-01-03	47.470001	47.849998	46.250000	47.580002
47.580002					
## 2174	2006-01-04	47.490002	47.730000	46.689999	47.250000
47.250000					
## 2175	2006-01-05	47.160000	48.200001	47.110001	47.650002
47.650002					
## 2176	2006-01-06	47.970001	48.580002	47.320000	47.869999
47.869999					
## 2177	2006-01-09	46.549999	47.099998	46.400002	47.080002
47.080002					
## 2178	2006-01-10	46.410000	46.750000	45.360001	45.650002
45.650002					
## 2179	2006-01-11	45.650002	45.700001	44.259998	44.930000
44.930000					
## 2180	2006-01-12	44.790001	45.090000	44.090000	44.360001
44.360001					
## 2181	2006-01-13	44.470001	44.849998	44.000000	44.400002
44.400002					
## 2182	2006-01-17	43.950001	44.320000	43.660000	44.000000
44.000000					
## 2183	2006-01-18	43.189999	44.590000	43.099998	44.320000
44.320000					
## 2184	2006-01-19	44.490002	45.240002	44.299999	44.450001
44.450001					
## 2185	2006-01-20	44.230000	44.360001	43.200001	43.919998
43.919998					
## 2186	2006-01-23	44.180000	44.750000	43.500000	43.730000
43.730000					

## 2187	2006-01-24	43.660000	44.430000	43.419998	44.020000
		44.020000			
## 2188	2006-01-25	44.049999	44.470001	43.340000	43.599998
		43.599998			
## 2189	2006-01-26	43.950001	44.779999	43.790001	44.680000
		44.680000			
## 2190	2006-01-27	44.549999	45.220001	44.529999	45.220001
		45.220001			
## 2191	2006-01-30	45.410000	45.970001	44.740002	44.959999
		44.959999			
## 2192	2006-01-31	44.759998	45.209999	44.250000	44.820000
		44.820000			
## 2193	2006-02-01	43.919998	44.689999	43.500000	43.980000
		43.980000			
## 2194	2006-02-02	43.840000	44.040001	39.799999	42.740002
		42.740002			
## 2195	2006-02-03	37.700001	38.500000	37.369999	38.330002
		38.330002			
## 2196	2006-02-06	38.340000	38.340000	37.770000	37.950001
		37.950001			
## 2197	2006-02-07	38.090000	38.200001	37.200001	37.520000
		37.520000			
## 2198	2006-02-08	37.700001	38.389999	37.110001	38.169998
		38.169998			
## 2199	2006-02-09	38.610001	39.000000	37.930000	37.990002
		37.990002			
## 2200	2006-02-10	37.980000	38.520000	37.369999	38.520000
		38.520000			
## 2201	2006-02-13	38.250000	38.419998	37.529999	37.860001
		37.860001			
## 2202	2006-02-14	38.040001	38.490002	37.380001	38.250000
		38.250000			
## 2203	2006-02-15	38.240002	39.279999	38.099998	39.259998
		39.259998			
## 2204	2006-02-16	39.369999	40.000000	38.830002	39.150002
		39.150002			
## 2205	2006-02-17	38.930000	39.380001	38.910000	39.189999
		39.189999			
## 2206	2006-02-21	39.009998	39.110001	38.259998	38.290001
		38.290001			
## 2207	2006-02-22	38.310001	39.099998	37.709999	38.720001
		38.720001			
## 2208	2006-02-23	38.619999	38.750000	37.869999	37.900002
		37.900002			
## 2209	2006-02-24	38.250000	38.410000	37.860001	38.349998
		38.349998			
## 2210	2006-02-27	38.400002	38.779999	37.930000	38.009998
		38.009998			
## 2211	2006-02-28	37.790001	38.090000	37.049999	37.439999
		37.439999			

## 2212	2006-03-01	37.450001	37.689999	36.849998	37.119999
37.119999					
## 2213	2006-03-02	35.639999	37.000000	35.369999	36.880001
36.880001					
## 2214	2006-03-03	36.889999	37.830002	36.669998	37.209999
37.209999					
## 2215	2006-03-06	37.320000	37.580002	36.770000	36.860001
36.860001					
## 2216	2006-03-07	36.709999	37.419998	36.700001	36.930000
36.930000					
## 2217	2006-03-08	36.720001	37.470001	36.610001	36.810001
36.810001					
## 2218	2006-03-09	36.799999	36.959999	35.900002	36.119999
36.119999					
## 2219	2006-03-10	36.240002	36.500000	35.740002	36.220001
36.220001					
## 2220	2006-03-13	36.310001	36.630001	35.970001	36.189999
36.189999					
## 2221	2006-03-14	36.040001	37.000000	36.009998	36.910000
36.910000					
## 2222	2006-03-15	36.950001	37.000000	36.430000	36.889999
36.889999					
## 2223	2006-03-16	37.080002	37.389999	36.740002	36.770000
36.770000					
## 2224	2006-03-17	36.880001	36.980000	35.849998	35.990002
35.990002					
## 2225	2006-03-20	35.919998	37.270000	35.799999	36.230000
36.230000					
## 2226	2006-03-21	35.919998	36.730000	35.660000	35.919998
35.919998					
## 2227	2006-03-22	36.000000	36.540001	35.790001	36.000000
36.000000					
## 2228	2006-03-23	35.959999	36.340000	35.480000	35.680000
35.680000					
## 2229	2006-03-24	35.720001	36.119999	35.310001	35.470001
35.470001					
## 2230	2006-03-27	35.500000	35.660000	35.139999	35.250000
35.250000					
## 2231	2006-03-28	35.209999	36.020000	35.200001	35.689999
35.689999					
## 2232	2006-03-29	35.689999	36.810001	35.310001	36.320000
36.320000					
## 2233	2006-03-30	36.450001	36.900002	36.180000	36.669998
36.669998					
## 2234	2006-03-31	36.680000	36.770000	36.480000	36.529999
36.529999					
## 2235	2006-04-03	36.669998	37.330002	36.099998	36.139999
36.139999					
## 2236	2006-04-04	36.139999	37.099998	36.020000	36.770000
36.770000					

## 2237	2006-04-05	36.660000	37.340000	36.270000	37.340000
		37.340000			
## 2238	2006-04-06	37.200001	38.840000	37.130001	38.509998
		38.509998			
## 2239	2006-04-07	38.549999	38.669998	37.000000	37.090000
		37.090000			
## 2240	2006-04-10	37.150002	37.279999	36.220001	36.610001
		36.610001			
## 2241	2006-04-11	36.610001	36.750000	35.520000	36.060001
		36.060001			
## 2242	2006-04-12	35.910000	36.439999	35.910000	36.130001
		36.130001			
## 2243	2006-04-13	35.950001	36.720001	35.490002	36.619999
		36.619999			
## 2244	2006-04-17	36.470001	36.619999	35.049999	35.270000
		35.270000			
## 2245	2006-04-18	35.389999	36.450001	35.200001	36.279999
		36.279999			
## 2246	2006-04-19	36.119999	36.959999	35.889999	36.889999
		36.889999			
## 2247	2006-04-20	36.700001	37.200001	36.230000	36.340000
		36.340000			
## 2248	2006-04-21	36.619999	36.779999	35.720001	36.029999
		36.029999			
## 2249	2006-04-24	36.119999	36.119999	35.320000	35.790001
		35.790001			
## 2250	2006-04-25	35.590000	35.770000	35.009998	35.549999
		35.549999			
## 2251	2006-04-26	35.340000	36.349998	35.150002	35.790001
		35.790001			
## 2252	2006-04-27	35.509998	35.869999	35.299999	35.740002
		35.740002			
## 2253	2006-04-28	35.770000	35.889999	35.139999	35.209999
		35.209999			
## 2254	2006-05-01	35.189999	35.570000	34.439999	34.590000
		34.590000			
## 2255	2006-05-02	34.639999	34.939999	34.230000	34.380001
		34.380001			
## 2256	2006-05-03	34.290001	34.389999	33.509998	33.959999
		33.959999			
## 2257	2006-05-04	34.619999	34.720001	34.380001	34.470001
		34.470001			
## 2258	2006-05-05	34.650002	35.040001	34.150002	35.040001
		35.040001			
## 2259	2006-05-08	34.990002	35.310001	34.470001	34.689999
		34.689999			
## 2260	2006-05-09	34.419998	35.259998	34.209999	34.840000
		34.840000			
## 2261	2006-05-10	34.680000	35.000000	34.099998	34.160000
		34.160000			

## 2262	2006-05-11	34.119999	34.150002	33.080002	33.529999
33.529999					
## 2263	2006-05-12	33.560001	33.779999	32.549999	32.730000
32.730000					
## 2264	2006-05-15	32.549999	32.849998	32.209999	32.779999
32.779999					
## 2265	2006-05-16	32.840000	33.020000	32.320000	32.759998
32.759998					
## 2266	2006-05-17	32.450001	32.700001	31.530001	31.610001
31.610001					
## 2267	2006-05-18	31.709999	33.639999	31.520000	32.610001
32.610001					
## 2268	2006-05-19	32.660000	34.000000	32.029999	33.939999
33.939999					
## 2269	2006-05-22	33.959999	34.990002	33.180000	34.830002
34.830002					
## 2270	2006-05-23	35.000000	36.000000	33.759998	33.759998
33.759998					
## 2271	2006-05-24	33.410000	35.230000	33.369999	35.189999
35.189999					
## 2272	2006-05-25	35.360001	35.689999	34.599998	35.630001
35.630001					
## 2273	2006-05-26	35.660000	36.500000	35.459999	36.070000
36.070000					
## 2274	2006-05-30	35.730000	35.750000	34.439999	34.639999
34.639999					
## 2275	2006-05-31	34.740002	34.939999	33.730000	34.610001
34.610001					
## 2276	2006-06-01	34.630001	35.450001	34.299999	35.070000
35.070000					
## 2277	2006-06-02	35.189999	35.220001	34.049999	34.759998
34.759998					
## 2278	2006-06-05	34.459999	34.540001	33.270000	33.490002
33.490002					
## 2279	2006-06-06	33.580002	33.799999	32.930000	33.410000
33.410000					
## 2280	2006-06-07	33.400002	34.540001	32.910000	33.770000
33.770000					
## 2281	2006-06-08	33.549999	34.060001	32.419998	33.549999
33.549999					
## 2282	2006-06-09	33.500000	34.349998	33.450001	33.779999
33.779999					
## 2283	2006-06-12	34.000000	34.450001	33.490002	33.599998
33.599998					
## 2284	2006-06-13	33.490002	34.169998	33.130001	33.470001
33.470001					
## 2285	2006-06-14	33.500000	33.990002	33.080002	33.680000
33.680000					
## 2286	2006-06-15	33.840000	35.169998	33.669998	34.959999
34.959999					

## 2287	2006-06-16	34.880001	35.259998	34.700001	35.090000
35.090000					
## 2288	2006-06-19	35.200001	35.480000	35.040001	35.070000
35.070000					
## 2289	2006-06-20	35.009998	35.650002	34.880001	35.480000
35.480000					
## 2290	2006-06-21	35.340000	37.049999	35.340000	36.650002
36.650002					
## 2291	2006-06-22	36.549999	36.849998	36.110001	36.369999
36.369999					
## 2292	2006-06-23	36.459999	36.650002	36.020000	36.549999
36.549999					
## 2293	2006-06-26	36.549999	37.169998	36.430000	36.770000
36.770000					
## 2294	2006-06-27	36.720001	37.500000	36.169998	36.480000
36.480000					
## 2295	2006-06-28	36.700001	37.110001	36.480000	36.700001
36.700001					
## 2296	2006-06-29	36.820000	38.570000	36.700001	38.520000
38.520000					
## 2297	2006-06-30	38.580002	38.840000	37.830002	38.680000
38.680000					
## 2298	2006-07-03	38.520000	38.619999	38.230000	38.610001
38.610001					
## 2299	2006-07-05	38.279999	38.430000	36.779999	37.110001
37.110001					
## 2300	2006-07-06	37.070000	37.740002	36.520000	36.799999
36.799999					
## 2301	2006-07-07	36.709999	37.279999	35.750000	36.110001
36.110001					
## 2302	2006-07-10	36.299999	36.700001	35.400002	35.790001
35.790001					
## 2303	2006-07-11	35.740002	35.919998	35.009998	35.660000
35.660000					
## 2304	2006-07-12	35.599998	35.900002	34.570000	34.630001
34.630001					
## 2305	2006-07-13	34.330002	34.630001	33.709999	33.730000
33.730000					
## 2306	2006-07-14	33.509998	33.730000	32.799999	32.919998
32.919998					
## 2307	2006-07-17	32.790001	33.930000	32.790001	33.669998
33.669998					
## 2308	2006-07-18	33.650002	34.290001	32.959999	33.490002
33.490002					
## 2309	2006-07-19	33.500000	34.770000	33.389999	34.480000
34.480000					
## 2310	2006-07-20	34.389999	34.810001	33.830002	34.180000
34.180000					
## 2311	2006-07-21	33.849998	33.970001	32.919998	33.189999
33.189999					

## 2312	2006-07-24	33.349998	34.680000	33.340000	34.310001
34.310001					
## 2313	2006-07-25	34.000000	34.160000	33.389999	33.590000
33.590000					
## 2314	2006-07-26	28.760000	29.000000	25.959999	26.260000
26.260000					
## 2315	2006-07-27	26.450001	26.799999	26.209999	26.559999
26.559999					
## 2316	2006-07-28	26.799999	27.180000	26.570000	27.170000
27.170000					
## 2317	2006-07-31	27.020000	27.290001	26.740000	26.889999
26.889999					
## 2318	2006-08-01	26.549999	26.639999	25.840000	26.320000
26.320000					
## 2319	2006-08-02	26.150000	26.299999	25.889999	26.090000
26.090000					
## 2320	2006-08-03	26.090000	26.900000	25.900000	26.690001
26.690001					
## 2321	2006-08-04	26.940001	27.590000	26.799999	27.290001
27.290001					
## 2322	2006-08-07	27.190001	27.290001	26.590000	26.780001
26.780001					
## 2323	2006-08-08	26.799999	27.020000	26.190001	26.360001
26.360001					
## 2324	2006-08-09	26.540001	26.700001	26.000000	26.209999
26.209999					
## 2325	2006-08-10	26.200001	26.520000	25.879999	26.490000
26.490000					
## 2326	2006-08-11	26.430000	26.430000	25.760000	26.070000
26.070000					
## 2327	2006-08-14	26.219999	27.059999	26.180000	26.530001
26.530001					
## 2328	2006-08-15	26.969999	27.860001	26.620001	27.770000
27.770000					
## 2329	2006-08-16	27.969999	28.139999	27.520000	27.950001
27.950001					
## 2330	2006-08-17	27.959999	29.750000	27.830000	29.090000
29.090000					
## 2331	2006-08-18	29.090000	29.230000	28.219999	29.120001
29.120001					
## 2332	2006-08-21	28.700001	28.980000	27.969999	28.129999
28.129999					
## 2333	2006-08-22	28.139999	28.889999	28.049999	28.370001
28.370001					
## 2334	2006-08-23	28.559999	28.889999	27.770000	28.139999
28.139999					
## 2335	2006-08-24	28.240000	28.250000	27.540001	27.969999
27.969999					
## 2336	2006-08-25	27.790001	28.230000	27.620001	28.030001
28.030001					

## 2337	2006-08-28	28.400000	29.000000	28.270000	28.910000
		28.910000			
## 2338	2006-08-29	28.969999	29.719999	28.750000	29.520000
		29.520000			
## 2339	2006-08-30	29.570000	30.850000	29.480000	30.670000
		30.670000			
## 2340	2006-08-31	30.750000	30.990000	30.469999	30.830000
		30.830000			
## 2341	2006-09-01	30.850000	31.799999	30.850000	31.760000
		31.760000			
## 2342	2006-09-05	31.610001	32.299999	31.240000	32.230000
		32.230000			
## 2343	2006-09-06	31.760000	31.980000	30.650000	30.799999
		30.799999			
## 2344	2006-09-07	30.570000	30.639999	29.680000	29.730000
		29.730000			
## 2345	2006-09-08	30.190001	30.660000	29.940001	30.510000
		30.510000			
## 2346	2006-09-11	30.230000	31.129999	29.719999	30.790001
		30.790001			
## 2347	2006-09-12	30.870001	31.940001	30.530001	31.719999
		31.719999			
## 2348	2006-09-13	31.730000	31.959999	31.370001	31.670000
		31.670000			
## 2349	2006-09-14	31.540001	31.870001	31.180000	31.650000
		31.650000			
## 2350	2006-09-15	31.900000	32.740002	31.580000	32.520000
		32.520000			
## 2351	2006-09-18	32.450001	32.669998	31.879999	32.080002
		32.080002			
## 2352	2006-09-19	32.240002	32.299999	30.820000	31.580000
		31.580000			
## 2353	2006-09-20	31.809999	32.810001	31.799999	32.119999
		32.119999			
## 2354	2006-09-21	32.240002	32.560001	30.070000	30.219999
		30.219999			
## 2355	2006-09-22	30.219999	30.950001	29.900000	30.840000
		30.840000			
## 2356	2006-09-25	31.049999	31.969999	30.740000	31.790001
		31.790001			
## 2357	2006-09-26	31.889999	32.590000	31.799999	32.500000
		32.500000			
## 2358	2006-09-27	32.279999	32.459999	31.930000	32.330002
		32.330002			
## 2359	2006-09-28	32.270000	32.330002	31.219999	31.840000
		31.840000			
## 2360	2006-09-29	32.009998	32.340000	31.540001	32.119999
		32.119999			
## 2361	2006-10-02	31.980000	32.029999	30.830000	30.870001
		30.870001			

## 2362	2006-10-03	30.900000	32.000000	30.580000	31.700001
31.70001					
## 2363	2006-10-04	31.750000	32.830002	31.299999	32.759998
32.75998					
## 2364	2006-10-05	32.680000	33.400002	32.400002	33.320000
33.32000					
## 2365	2006-10-06	33.150002	33.220001	32.500000	32.590000
32.59000					
## 2366	2006-10-09	32.490002	33.480000	32.450001	33.380001
33.38001					
## 2367	2006-10-10	33.270000	33.580002	32.490002	32.619999
32.61999					
## 2368	2006-10-11	32.610001	33.150002	32.270000	32.910000
32.91000					
## 2369	2006-10-12	33.099998	33.709999	32.630001	33.549999
33.54999					
## 2370	2006-10-13	33.349998	33.580002	33.080002	33.320000
33.32000					
## 2371	2006-10-16	32.849998	33.200001	32.549999	32.599998
32.59998					
## 2372	2006-10-17	32.200001	32.610001	31.750000	32.470001
32.47001					
## 2373	2006-10-18	32.570000	32.779999	32.000000	32.310001
32.31001					
## 2374	2006-10-19	32.169998	32.840000	32.099998	32.540001
32.54001					
## 2375	2006-10-20	32.689999	32.689999	32.209999	32.570000
32.57000					
## 2376	2006-10-23	32.470001	32.910000	32.139999	32.880001
32.88001					
## 2377	2006-10-24	32.869999	38.000000	32.860001	33.630001
33.63001					
## 2378	2006-10-25	37.299999	37.980000	36.040001	37.680000
37.68000					
## 2379	2006-10-26	37.250000	38.490002	37.180000	38.299999
38.29999					
## 2380	2006-10-27	38.150002	38.380001	37.660000	38.240002
38.24000					
## 2381	2006-10-30	38.049999	38.340000	37.680000	38.150002
38.15000					
## 2382	2006-10-31	38.220001	38.590000	37.799999	38.090000
38.09000					
## 2383	2006-11-01	38.130001	38.200001	37.459999	37.560001
37.56001					
## 2384	2006-11-02	37.330002	37.770000	37.110001	37.450001
37.45000					
## 2385	2006-11-03	37.610001	37.709999	36.869999	37.459999
37.45999					
## 2386	2006-11-06	37.639999	38.349998	37.529999	38.209999
38.20999					

## 2387 2006-11-07	38.200001	39.000000	38.040001	38.770000
38.770000				
## 2388 2006-11-08	38.580002	39.480000	38.459999	39.470001
39.470001				
## 2389 2006-11-09	39.500000	39.770000	38.810001	38.840000
38.840000				
## 2390 2006-11-10	38.790001	39.360001	38.759998	39.259998
39.259998				
## 2391 2006-11-13	39.230000	40.000000	39.130001	39.990002
39.990002				
## 2392 2006-11-14	40.110001	41.669998	39.619999	41.509998
41.509998				
## 2393 2006-11-15	41.500000	43.099998	41.500000	42.599998
42.599998				
## 2394 2006-11-16	42.450001	42.950001	42.400002	42.840000
42.840000				
## 2395 2006-11-17	42.549999	42.669998	42.220001	42.549999
42.549999				
## 2396 2006-11-20	42.349998	42.549999	41.939999	42.439999
42.439999				
## 2397 2006-11-21	42.549999	43.250000	42.119999	42.540001
42.540001				
## 2398 2006-11-22	42.500000	42.980000	42.180000	42.959999
42.959999				
## 2399 2006-11-24	42.560001	42.939999	42.310001	42.410000
42.410000				
## 2400 2006-11-27	42.180000	42.799999	40.720001	40.849998
40.849998				
## 2401 2006-11-28	40.750000	41.070000	40.299999	40.919998
40.919998				
## 2402 2006-11-29	40.480000	41.099998	40.000000	40.630001
40.630001				
## 2403 2006-11-30	40.419998	40.639999	39.849998	40.340000
40.340000				
## 2404 2006-12-01	40.259998	40.540001	39.090000	39.410000
39.410000				
## 2405 2006-12-04	39.310001	39.480000	38.869999	39.099998
39.099998				
## 2406 2006-12-05	39.130001	39.299999	38.720001	38.980000
38.980000				
## 2407 2006-12-06	38.770000	39.580002	38.639999	38.900002
38.900002				
## 2408 2006-12-07	38.930000	39.090000	38.049999	38.119999
38.119999				
## 2409 2006-12-08	37.919998	38.950001	37.700001	38.459999
38.459999				
## 2410 2006-12-11	38.220001	39.150002	38.080002	38.689999
38.689999				
## 2411 2006-12-12	38.439999	38.939999	38.150002	38.459999
38.459999				

## 2412	2006-12-13	38.610001	39.189999	38.189999	38.500000
38.500000					
## 2413	2006-12-14	38.740002	39.540001	38.599998	39.020000
39.020000					
## 2414	2006-12-15	39.380001	40.189999	39.230000	40.009998
40.009998					
## 2415	2006-12-18	40.200001	40.639999	38.860001	39.259998
39.259998					
## 2416	2006-12-19	38.779999	39.720001	38.230000	39.419998
39.419998					
## 2417	2006-12-20	39.430000	40.299999	39.389999	40.009998
40.009998					
## 2418	2006-12-21	39.869999	40.340000	39.650002	39.889999
39.889999					
## 2419	2006-12-22	39.980000	40.509998	39.910000	40.240002
40.240002					
## 2420	2006-12-26	40.130001	40.130001	39.419998	39.799999
39.799999					
## 2421	2006-12-27	39.860001	40.470001	39.799999	40.290001
40.290001					
## 2422	2006-12-28	40.380001	40.630001	39.919998	40.209999
40.209999					
## 2423	2006-12-29	40.060001	40.250000	39.349998	39.459999
39.459999					
## 2424	2007-01-03	38.680000	39.060001	38.049999	38.700001
38.700001					
## 2425	2007-01-04	38.590000	39.139999	38.259998	38.900002
38.900002					
## 2426	2007-01-05	38.720001	38.790001	37.599998	38.369999
38.369999					
## 2427	2007-01-08	38.220001	38.310001	37.169998	37.500000
37.500000					
## 2428	2007-01-09	37.599998	38.060001	37.340000	37.779999
37.779999					
## 2429	2007-01-10	37.490002	37.700001	37.070000	37.150002
37.150002					
## 2430	2007-01-11	37.169998	38.000000	37.169998	37.400002
37.400002					
## 2431	2007-01-12	37.360001	38.209999	37.270000	38.200001
38.200001					
## 2432	2007-01-16	38.400002	38.889999	37.970001	38.660000
38.660000					
## 2433	2007-01-17	38.700001	39.000000	37.779999	37.880001
37.880001					
## 2434	2007-01-18	37.500000	37.650002	36.720001	36.980000
36.980000					
## 2435	2007-01-19	36.689999	37.480000	36.599998	37.020000
37.020000					
## 2436	2007-01-22	37.650002	37.900002	36.799999	36.950001
36.950001					

## 2437	2007-01-23	36.900002	37.070000	36.299999	36.430000
36.430000					
## 2438	2007-01-24	36.509998	37.360001	36.500000	37.259998
37.259998					
## 2439	2007-01-25	38.080002	38.230000	36.779999	37.080002
37.080002					
## 2440	2007-01-26	37.259998	37.259998	36.299999	36.849998
36.849998					
## 2441	2007-01-29	36.700001	37.450001	36.540001	37.430000
37.430000					
## 2442	2007-01-30	37.290001	37.419998	36.630001	37.049999
37.049999					
## 2443	2007-01-31	36.950001	38.189999	36.759998	37.669998
37.669998					
## 2444	2007-02-01	37.950001	39.299999	37.849998	38.700001
38.700001					
## 2445	2007-02-02	37.230000	37.740002	36.680000	37.389999
37.389999					
## 2446	2007-02-05	37.250000	37.419998	36.770000	37.160000
37.160000					
## 2447	2007-02-06	37.200001	38.410000	37.080002	38.270000
38.270000					
## 2448	2007-02-07	38.490002	39.520000	38.400002	38.980000
38.980000					
## 2449	2007-02-08	38.950001	39.509998	38.669998	39.099998
39.099998					
## 2450	2007-02-09	39.189999	39.310001	38.660000	38.720001
38.720001					
## 2451	2007-02-12	38.790001	38.990002	38.360001	38.849998
38.849998					
## 2452	2007-02-13	38.849998	39.610001	38.849998	39.310001
39.310001					
## 2453	2007-02-14	39.230000	40.279999	39.139999	40.139999
40.139999					
## 2454	2007-02-15	40.139999	40.320000	39.860001	40.060001
40.060001					
## 2455	2007-02-16	39.900002	40.439999	39.869999	40.330002
40.330002					
## 2456	2007-02-20	40.130001	41.740002	40.000000	41.509998
41.509998					
## 2457	2007-02-21	41.189999	41.320000	40.919998	41.259998
41.259998					
## 2458	2007-02-22	41.400002	42.000000	40.889999	41.000000
41.000000					
## 2459	2007-02-23	41.000000	41.200001	40.740002	40.779999
40.779999					
## 2460	2007-02-26	40.860001	41.200001	40.400002	40.880001
40.880001					
## 2461	2007-02-27	40.189999	40.540001	38.779999	38.830002
38.830002					

## 2462	2007-02-28	38.910000	39.580002	38.080002	39.139999
39.139999					
## 2463	2007-03-01	39.320000	39.320000	38.049999	38.849998
38.849998					
## 2464	2007-03-02	38.320000	38.869999	37.689999	37.689999
37.689999					
## 2465	2007-03-05	37.150002	38.320000	37.040001	37.049999
37.049999					
## 2466	2007-03-06	37.689999	38.660000	37.410000	38.580002
38.580002					
## 2467	2007-03-07	38.680000	39.320000	38.279999	38.360001
38.360001					
## 2468	2007-03-08	38.770000	39.220001	37.980000	38.099998
38.099998					
## 2469	2007-03-09	38.480000	38.889999	38.000000	38.840000
38.840000					
## 2470	2007-03-12	38.639999	39.049999	38.380001	38.810001
38.810001					
## 2471	2007-03-13	38.299999	38.880001	37.689999	37.820000
37.820000					
## 2472	2007-03-14	37.759998	38.220001	37.259998	38.080002
38.080002					
## 2473	2007-03-15	38.099998	38.290001	37.549999	37.779999
37.779999					
## 2474	2007-03-16	37.720001	38.080002	37.520000	37.849998
37.849998					
## 2475	2007-03-19	38.000000	38.540001	38.000000	38.450001
38.450001					
## 2476	2007-03-20	38.529999	38.689999	38.230000	38.580002
38.580002					
## 2477	2007-03-21	38.549999	39.799999	38.310001	39.799999
39.799999					
## 2478	2007-03-22	39.480000	39.720001	38.910000	39.490002
39.490002					
## 2479	2007-03-23	39.560001	39.599998	38.980000	38.980000
38.980000					
## 2480	2007-03-26	38.980000	39.049999	38.430000	39.009998
39.009998					
## 2481	2007-03-27	38.820000	39.419998	38.759998	39.369999
39.369999					
## 2482	2007-03-28	39.090000	39.509998	38.740002	39.340000
39.340000					
## 2483	2007-03-29	39.650002	39.919998	39.299999	39.810001
39.810001					
## 2484	2007-03-30	39.750000	40.240002	39.419998	39.790001
39.790001					
## 2485	2007-04-02	39.849998	40.470001	39.549999	40.419998
40.419998					
## 2486	2007-04-03	40.419998	41.380001	40.400002	41.189999
41.189999					

## 2487	2007-04-04	41.220001	41.549999	40.919998	41.529999
41.529999					
## 2488	2007-04-05	41.570000	41.759998	41.439999	41.680000
41.680000					
## 2489	2007-04-09	41.720001	42.139999	41.610001	41.660000
41.660000					
## 2490	2007-04-10	41.570000	41.959999	41.459999	41.860001
41.860001					
## 2491	2007-04-11	41.730000	41.869999	41.240002	41.680000
41.680000					
## 2492	2007-04-12	41.730000	42.369999	41.400002	42.270000
42.270000					
## 2493	2007-04-13	42.189999	42.500000	41.930000	42.410000
42.410000					
## 2494	2007-04-16	43.770000	45.299999	43.669998	45.200001
45.200001					
## 2495	2007-04-17	45.279999	45.320000	44.750000	45.070000
45.070000					
## 2496	2007-04-18	44.799999	45.150002	44.630001	44.990002
44.990002					
## 2497	2007-04-19	44.610001	45.150002	44.410000	44.639999
44.639999					
## 2498	2007-04-20	45.090000	45.169998	44.520000	44.950001
44.950001					
## 2499	2007-04-23	44.270000	44.810001	44.160000	44.770000
44.770000					
## 2500	2007-04-24	44.750000	45.000000	44.430000	44.750000
44.750000					
## 2501	2007-04-25	53.119999	57.180000	52.950001	56.810001
56.810001					
## 2502	2007-04-26	56.500000	63.040001	56.070000	62.779999
62.779999					
## 2503	2007-04-27	61.240002	63.840000	60.619999	62.599998
62.599998					
## 2504	2007-04-30	61.910000	62.439999	61.180000	61.330002
61.330002					
## 2505	2007-05-01	61.119999	62.040001	60.279999	62.040001
62.040001					
## 2506	2007-05-02	61.680000	62.250000	60.900002	61.180000
61.180000					
## 2507	2007-05-03	61.080002	62.540001	60.759998	62.189999
62.189999					
## 2508	2007-05-04	62.389999	63.750000	62.349998	63.230000
63.230000					
## 2509	2007-05-07	62.430000	63.230000	60.709999	60.820000
60.820000					
## 2510	2007-05-08	60.540001	61.840000	59.700001	61.830002
61.830002					
## 2511	2007-05-09	62.000000	62.950001	61.299999	62.849998
62.849998					

## 2512	2007-05-10	62.439999	62.650002	60.849998	60.919998
60.919998					
## 2513	2007-05-11	60.959999	61.599998	60.560001	61.560001
61.560001					
## 2514	2007-05-14	61.680000	61.740002	60.599998	61.700001
61.700001					
## 2515	2007-05-15	61.400002	61.970001	60.520000	60.580002
60.580002					
## 2516	2007-05-16	61.020000	63.340000	60.099998	63.220001
63.220001					
## 2517	2007-05-17	62.880001	63.520000	62.020000	62.169998
62.169998					
## 2518	2007-05-18	62.480000	63.299999	62.279999	63.299999
63.299999					
## 2519	2007-05-21	63.580002	68.680000	63.299999	68.300003
68.300003					
## 2520	2007-05-22	68.480003	69.070000	67.209999	68.879997
68.879997					
## 2521	2007-05-23	69.209999	73.309998	68.790001	69.000000
69.000000					
## 2522	2007-05-24	69.040001	70.419998	67.709999	69.349998
69.349998					
## 2523	2007-05-25	69.690002	69.699997	68.250000	68.550003
68.550003					
## 2524	2007-05-29	68.430000	69.779999	67.720001	69.629997
69.629997					
## 2525	2007-05-30	69.059998	70.080002	68.860001	69.860001
69.860001					
## 2526	2007-05-31	70.680000	70.739998	68.570000	69.139999
69.139999					
## 2527	2007-06-01	68.900002	69.300003	68.349998	68.580002
68.580002					
## 2528	2007-06-04	68.250000	70.650002	67.650002	70.419998
70.419998					
## 2529	2007-06-05	71.099998	74.239998	70.860001	73.650002
73.650002					
## 2530	2007-06-06	73.139999	73.750000	71.860001	72.290001
72.290001					
## 2531	2007-06-07	72.570000	74.720001	70.879997	72.040001
72.040001					
## 2532	2007-06-08	72.470001	73.239998	71.050003	73.239998
73.239998					
## 2533	2007-06-11	73.000000	73.050003	71.000000	71.169998
71.169998					
## 2534	2007-06-12	70.440002	70.760002	69.419998	70.070000
70.070000					
## 2535	2007-06-13	70.900002	71.889999	69.250000	70.889999
70.889999					
## 2536	2007-06-14	70.900002	72.120003	70.800003	71.940002
71.940002					

## 2537	2007-06-15	72.849998	72.870003	71.190002	72.400002
72.400002					
## 2538	2007-06-18	72.339996	72.639999	71.400002	71.830002
71.830002					
## 2539	2007-06-19	71.550003	71.660004	69.680000	69.809998
69.809998					
## 2540	2007-06-20	70.250000	70.500000	69.050003	69.099998
69.099998					
## 2541	2007-06-21	69.160004	69.769997	68.660004	69.669998
69.669998					
## 2542	2007-06-22	69.550003	69.879997	68.419998	68.860001
68.860001					
## 2543	2007-06-25	69.349998	69.629997	68.300003	68.660004
68.660004					
## 2544	2007-06-26	68.529999	68.629997	67.379997	67.480003
67.480003					
## 2545	2007-06-27	66.959999	68.209999	66.709999	68.139999
68.139999					
## 2546	2007-06-28	68.459999	70.230003	68.150002	68.889999
68.889999					
## 2547	2007-06-29	69.029999	69.190002	68.150002	68.410004
68.410004					
## 2548	2007-07-02	68.809998	69.709999	68.199997	69.610001
69.610001					
## 2549	2007-07-03	70.040001	70.050003	69.019997	69.449997
69.449997					
## 2550	2007-07-05	69.360001	69.650002	68.059998	68.730003
68.730003					
## 2551	2007-07-06	68.750000	69.300003	68.010002	68.970001
68.970001					
## 2552	2007-07-09	69.379997	72.349998	69.019997	72.070000
72.070000					
## 2553	2007-07-10	71.650002	71.940002	70.070000	70.279999
70.279999					
## 2554	2007-07-11	70.580002	71.650002	70.150002	70.730003
70.730003					
## 2555	2007-07-12	71.309998	73.570000	70.730003	72.790001
72.790001					
## 2556	2007-07-13	73.080002	75.349998	72.970001	75.099998
75.099998					
## 2557	2007-07-16	74.730003	74.839996	73.000000	73.690002
73.690002					
## 2558	2007-07-17	74.389999	74.519997	73.589996	73.790001
73.790001					
## 2559	2007-07-18	73.269997	73.489998	72.250000	73.320000
73.320000					
## 2560	2007-07-19	74.239998	74.320000	73.120003	73.349998
73.349998					
## 2561	2007-07-20	72.620003	72.959999	70.500000	71.629997
71.629997					

## 2562	2007-07-23	71.779999	72.669998	70.849998	71.739998
71.739998					
## 2563	2007-07-24	71.040001	72.160004	68.849998	69.250000
69.250000					
## 2564	2007-07-25	84.660004	88.800003	83.650002	86.180000
86.180000					
## 2565	2007-07-26	85.019997	89.000000	83.430000	84.010002
84.010002					
## 2566	2007-07-27	84.269997	85.330002	82.480003	84.040001
84.040001					
## 2567	2007-07-30	83.000000	84.050003	81.510002	82.699997
82.699997					
## 2568	2007-07-31	83.699997	83.730003	78.000000	78.540001
78.540001					
## 2569	2007-08-01	78.099998	78.150002	75.059998	77.309998
77.309998					
## 2570	2007-08-02	77.860001	79.760002	76.120003	79.709999
79.709999					
## 2571	2007-08-03	79.540001	80.750000	76.709999	76.800003
76.800003					
## 2572	2007-08-06	77.059998	79.000000	76.599998	79.000000
79.000000					
## 2573	2007-08-07	78.550003	80.000000	77.889999	79.139999
79.139999					
## 2574	2007-08-08	79.769997	79.879997	76.559998	77.779999
77.779999					
## 2575	2007-08-09	76.400002	77.260002	74.110001	74.110001
74.110001					
## 2576	2007-08-10	73.150002	76.500000	72.370003	74.779999
74.779999					
## 2577	2007-08-13	76.089996	76.320000	74.699997	74.870003
74.870003					
## 2578	2007-08-14	74.790001	74.790001	72.919998	73.449997
73.449997					
## 2579	2007-08-15	73.019997	75.150002	72.260002	72.379997
72.379997					
## 2580	2007-08-16	72.000000	73.239998	70.050003	72.790001
72.790001					
## 2581	2007-08-17	74.489998	75.040001	73.110001	75.019997
75.019997					
## 2582	2007-08-20	74.980003	75.279999	73.800003	74.699997
74.699997					
## 2583	2007-08-21	74.209999	77.830002	74.089996	77.489998
77.489998					
## 2584	2007-08-22	78.239998	79.489998	77.839996	78.500000
78.500000					
## 2585	2007-08-23	78.940002	79.000000	76.510002	77.300003
77.300003					
## 2586	2007-08-24	76.800003	79.400002	76.690002	79.250000
79.250000					

## 2587	2007-08-27	80.559998	80.800003	78.419998	78.650002
78.650002					
## 2588	2007-08-28	77.860001	78.650002	76.080002	76.220001
76.220001					
## 2589	2007-08-29	76.959999	79.050003	76.860001	79.050003
79.050003					
## 2590	2007-08-30	78.400002	80.110001	78.300003	78.680000
78.680000					
## 2591	2007-08-31	80.000000	80.529999	79.699997	79.910004
79.910004					
## 2592	2007-09-04	79.900002	83.529999	79.730003	82.699997
82.699997					
## 2593	2007-09-05	82.239998	84.889999	82.220001	83.750000
83.750000					
## 2594	2007-09-06	84.500000	86.459999	82.849998	86.209999
86.209999					
## 2595	2007-09-07	84.699997	84.970001	83.209999	84.519997
84.519997					
## 2596	2007-09-10	84.930000	85.160004	82.510002	83.339996
83.339996					
## 2597	2007-09-11	84.169998	86.610001	83.529999	86.279999
86.279999					
## 2598	2007-09-12	86.070000	88.889999	85.970001	87.300003
87.300003					
## 2599	2007-09-13	87.949997	88.070000	86.500000	87.260002
87.260002					
## 2600	2007-09-14	86.410004	88.089996	86.309998	87.769997
87.769997					
## 2601	2007-09-17	86.980003	87.339996	85.980003	86.910004
86.910004					
## 2602	2007-09-18	87.379997	91.599998	86.709999	88.750000
88.750000					
## 2603	2007-09-19	89.519997	89.820000	88.260002	89.000000
89.000000					
## 2604	2007-09-20	88.900002	90.419998	88.820000	89.650002
89.650002					
## 2605	2007-09-21	90.290001	91.900002	89.650002	91.300003
91.300003					
## 2606	2007-09-24	91.300003	93.750000	90.809998	92.589996
92.589996					
## 2607	2007-09-25	91.989998	93.500000	90.949997	93.480003
93.480003					
## 2608	2007-09-26	94.040001	94.260002	92.290001	93.430000
93.430000					
## 2609	2007-09-27	94.070000	94.110001	93.110001	93.379997
93.379997					
## 2610	2007-09-28	92.769997	93.599998	91.699997	93.150002
93.150002					
## 2611	2007-10-01	93.419998	94.099998	92.830002	93.410004
93.410004					

## 2612	2007-10-02	93.860001	93.900002	91.400002	92.360001
92.360001					
## 2613	2007-10-03	92.190002	92.800003	91.779999	92.459999
92.459999					
## 2614	2007-10-04	92.550003	92.570000	91.449997	92.260002
92.260002					
## 2615	2007-10-05	93.550003	93.709999	92.339996	93.430000
93.430000					
## 2616	2007-10-08	94.220001	95.849998	94.000000	95.849998
95.849998					
## 2617	2007-10-09	96.589996	96.730003	94.750000	95.320000
95.320000					
## 2618	2007-10-10	95.500000	95.750000	94.370003	94.660004
94.660004					
## 2619	2007-10-11	95.330002	95.739998	88.129997	89.339996
89.339996					
## 2620	2007-10-12	89.419998	92.389999	88.919998	92.370003
92.370003					
## 2621	2007-10-15	91.800003	92.120003	90.099998	90.529999
90.529999					
## 2622	2007-10-16	88.690002	90.050003	88.500000	89.529999
89.529999					
## 2623	2007-10-17	91.900002	91.900002	89.059998	90.550003
90.550003					
## 2624	2007-10-18	89.370003	90.430000	89.150002	89.849998
89.849998					
## 2625	2007-10-19	89.930000	90.650002	89.320000	89.760002
89.760002					
## 2626	2007-10-22	89.250000	91.690002	89.019997	91.290001
91.290001					
## 2627	2007-10-23	95.279999	101.089996	94.209999	100.820000
100.820000					
## 2628	2007-10-24	90.870003	90.879997	83.269997	88.730003
88.730003					
## 2629	2007-10-25	88.230003	89.500000	86.320000	88.209999
88.209999					
## 2630	2007-10-26	89.000000	90.879997	87.699997	90.000000
90.000000					
## 2631	2007-10-29	90.410004	91.470001	89.480003	90.099998
90.099998					
## 2632	2007-10-30	89.669998	90.650002	88.050003	88.239998
88.239998					
## 2633	2007-10-31	88.050003	89.599998	87.000000	89.150002
89.150002					
## 2634	2007-11-01	87.750000	89.580002	86.500000	87.650002
87.650002					
## 2635	2007-11-02	87.970001	88.120003	83.500000	85.980003
85.980003					
## 2636	2007-11-05	84.349998	86.019997	82.760002	84.370003
84.370003					

## 2637	2007-11-06	84.610001	87.500000	84.370003	87.269997
87.269997					
## 2638	2007-11-07	86.410004	89.160004	86.160004	87.040001
87.040001					
## 2639	2007-11-08	86.800003	86.959999	81.400002	83.580002
83.580002					
## 2640	2007-11-09	82.419998	82.419998	78.839996	78.889999
78.889999					
## 2641	2007-11-12	78.260002	80.089996	76.500000	77.000000
77.000000					
## 2642	2007-11-13	77.910004	80.050003	77.800003	79.860001
79.860001					
## 2643	2007-11-14	80.400002	81.150002	78.150002	78.510002
78.510002					
## 2644	2007-11-15	79.430000	79.730003	76.699997	77.849998
77.849998					
## 2645	2007-11-16	77.010002	78.989998	76.629997	78.599998
78.599998					
## 2646	2007-11-19	78.830002	79.750000	77.940002	79.180000
79.180000					
## 2647	2007-11-20	79.860001	82.000000	78.309998	80.389999
80.389999					
## 2648	2007-11-21	79.239998	80.860001	78.650002	79.760002
79.760002					
## 2649	2007-11-23	80.110001	81.449997	78.980003	81.430000
81.430000					
## 2650	2007-11-26	82.300003	84.489998	81.139999	81.300003
81.300003					
## 2651	2007-11-27	82.919998	85.650002	82.209999	85.589996
85.589996					
## 2652	2007-11-28	87.550003	90.570000	86.750000	90.300003
90.300003					
## 2653	2007-11-29	89.889999	91.470001	88.680000	89.150002
89.150002					
## 2654	2007-11-30	90.559998	91.080002	88.309998	90.559998
90.559998					
## 2655	2007-12-03	90.029999	92.250000	89.769997	90.910004
90.910004					
## 2656	2007-12-04	90.040001	94.559998	90.040001	94.410004
94.410004					
## 2657	2007-12-05	94.989998	94.989998	91.980003	93.190002
93.190002					
## 2658	2007-12-06	93.279999	95.000000	92.830002	94.209999
94.209999					
## 2659	2007-12-07	94.559998	94.680000	92.910004	94.309998
94.309998					
## 2660	2007-12-10	94.309998	94.349998	92.300003	93.019997
93.019997					
## 2661	2007-12-11	93.099998	95.940002	90.750000	90.750000
90.750000					

## 2662	2007-12-12	92.839996	93.750000	89.320000	91.279999
91.279999					
## 2663	2007-12-13	91.050003	93.000000	90.629997	92.400002
92.400002					
## 2664	2007-12-14	90.769997	91.239998	88.930000	89.080002
89.080002					
## 2665	2007-12-17	89.010002	89.059998	84.989998	85.089996
85.089996					
## 2666	2007-12-18	85.830002	87.459999	83.860001	86.889999
86.889999					
## 2667	2007-12-19	86.940002	89.949997	86.830002	89.379997
89.379997					
## 2668	2007-12-20	90.139999	90.750000	89.089996	90.580002
90.580002					
## 2669	2007-12-21	91.470001	92.279999	90.389999	91.260002
91.260002					
## 2670	2007-12-24	91.050003	91.559998	90.300003	91.010002
91.010002					
## 2671	2007-12-26	91.480003	93.940002	90.500000	92.849998
92.849998					
## 2672	2007-12-27	92.669998	95.290001	92.500000	94.250000
94.250000					
## 2673	2007-12-28	95.269997	95.900002	92.099998	94.449997
94.449997					
## 2674	2007-12-31	93.809998	94.370003	92.449997	92.639999
92.639999					
## 2675	2008-01-02	95.349998	97.430000	94.699997	96.250000
96.250000					
## 2676	2008-01-03	96.059998	97.250000	94.519997	95.209999
95.209999					
## 2677	2008-01-04	93.260002	93.400002	88.500000	88.790001
88.790001					
## 2678	2008-01-07	88.620003	90.570000	85.470001	88.820000
88.820000					
## 2679	2008-01-08	87.550003	91.830002	86.930000	87.879997
87.879997					
## 2680	2008-01-09	87.559998	87.800003	80.239998	85.220001
85.220001					
## 2681	2008-01-10	83.980003	85.970001	82.970001	84.260002
84.260002					
## 2682	2008-01-11	84.029999	84.029999	80.290001	81.080002
81.080002					
## 2683	2008-01-14	82.180000	83.320000	78.870003	82.870003
82.870003					
## 2684	2008-01-15	80.489998	81.010002	78.510002	80.239998
80.239998					
## 2685	2008-01-16	79.580002	82.360001	78.440002	80.349998
80.349998					
## 2686	2008-01-17	80.160004	82.250000	79.540001	80.120003
80.120003					

## 2687	2008-01-18	79.930000	82.309998	78.040001	79.760002
79.760002					
## 2688	2008-01-22	73.580002	79.720001	72.220001	78.480003
78.480003					
## 2689	2008-01-23	75.599998	76.800003	69.949997	73.970001
73.970001					
## 2690	2008-01-24	74.529999	77.879997	74.190002	77.669998
77.669998					
## 2691	2008-01-25	78.690002	81.430000	76.330002	77.599998
77.599998					
## 2692	2008-01-28	76.910004	77.400002	74.339996	75.820000
75.820000					
## 2693	2008-01-29	75.769997	75.900002	72.059998	73.949997
73.949997					
## 2694	2008-01-30	73.540001	77.419998	73.250000	74.209999
74.209999					
## 2695	2008-01-31	68.910004	78.870003	68.839996	77.699997
77.699997					
## 2696	2008-02-01	79.019997	79.400002	73.370003	74.629997
74.629997					
## 2697	2008-02-04	74.500000	76.660004	73.900002	73.949997
73.949997					
## 2698	2008-02-05	72.800003	74.209999	72.000000	72.089996
72.089996					
## 2699	2008-02-06	72.300003	72.430000	68.169998	68.489998
68.489998					
## 2700	2008-02-07	67.370003	72.709999	67.220001	70.910004
70.910004					
## 2701	2008-02-08	73.400002	74.599998	72.519997	73.500000
73.500000					
## 2702	2008-02-11	73.139999	75.959999	72.769997	75.190002
75.190002					
## 2703	2008-02-12	75.430000	77.050003	73.790001	74.449997
74.449997					
## 2704	2008-02-13	74.989998	78.849998	73.269997	77.730003
77.730003					
## 2705	2008-02-14	77.730003	77.879997	75.180000	75.800003
75.800003					
## 2706	2008-02-15	75.000000	75.190002	71.940002	72.959999
72.959999					
## 2707	2008-02-19	73.540001	74.000000	71.550003	72.080002
72.080002					
## 2708	2008-02-20	71.900002	73.879997	71.099998	73.639999
73.639999					
## 2709	2008-02-21	73.940002	74.209999	69.370003	69.900002
69.900002					
## 2710	2008-02-22	70.540001	72.209999	69.860001	72.080002
72.080002					
## 2711	2008-02-25	72.349998	73.500000	71.410004	73.269997
73.269997					

## 2712	2008-02-26	71.910004	73.500000	70.279999	71.690002
71.690002					
## 2713	2008-02-27	70.680000	71.480003	69.570000	70.870003
70.870003					
## 2714	2008-02-28	70.300003	70.599998	67.110001	67.849998
67.849998					
## 2715	2008-02-29	67.010002	67.500000	63.970001	64.470001
64.470001					
## 2716	2008-03-03	63.590000	64.489998	61.200001	62.430000
62.430000					
## 2717	2008-03-04	61.669998	66.599998	61.230000	65.339996
65.339996					
## 2718	2008-03-05	65.660004	66.339996	63.820000	64.989998
64.989998					
## 2719	2008-03-06	64.750000	65.459999	62.500000	62.740002
62.740002					
## 2720	2008-03-07	62.200001	64.870003	62.009998	64.089996
64.089996					
## 2721	2008-03-10	63.900002	65.150002	62.910000	63.470001
63.470001					
## 2722	2008-03-11	65.949997	67.169998	63.709999	67.150002
67.150002					
## 2723	2008-03-12	66.769997	68.230003	65.639999	66.510002
66.510002					
## 2724	2008-03-13	65.110001	69.550003	64.370003	68.320000
68.320000					
## 2725	2008-03-14	68.610001	70.680000	66.059998	68.220001
68.220001					
## 2726	2008-03-17	65.720001	67.790001	64.919998	66.529999
66.529999					
## 2727	2008-03-18	68.250000	71.930000	67.589996	71.699997
71.699997					
## 2728	2008-03-19	71.099998	74.000000	70.169998	70.169998
70.169998					
## 2729	2008-03-20	70.169998	73.489998	69.379997	73.190002
73.190002					
## 2730	2008-03-24	73.820000	76.930000	72.750000	75.949997
75.949997					
## 2731	2008-03-25	75.830002	76.290001	74.050003	75.169998
75.169998					
## 2732	2008-03-26	74.139999	75.120003	73.239998	73.800003
73.800003					
## 2733	2008-03-27	74.370003	74.690002	70.800003	70.800003
70.800003					
## 2734	2008-03-28	71.000000	72.209999	69.260002	69.760002
69.760002					
## 2735	2008-03-31	70.250000	71.639999	69.629997	71.300003
71.300003					
## 2736	2008-04-01	72.989998	77.089996	72.760002	76.699997
76.699997					

## 2737	2008-04-02	77.080002	79.000000	76.120003	77.370003
77.370003					
## 2738	2008-04-03	75.150002	76.010002	73.809998	74.940002
74.940002					
## 2739	2008-04-04	75.260002	77.830002	74.279999	76.870003
76.870003					
## 2740	2008-04-07	77.360001	78.430000	76.000000	76.900002
76.900002					
## 2741	2008-04-08	76.400002	77.610001	75.500000	77.300003
77.300003					
## 2742	2008-04-09	76.559998	76.669998	73.660004	74.389999
74.389999					
## 2743	2008-04-10	74.480003	75.489998	72.730003	74.830002
74.830002					
## 2744	2008-04-11	73.839996	74.300003	71.620003	71.989998
71.989998					
## 2745	2008-04-14	71.699997	74.000000	71.290001	72.610001
72.610001					
## 2746	2008-04-15	72.970001	73.980003	70.650002	72.500000
72.500000					
## 2747	2008-04-16	73.019997	75.000000	72.940002	74.589996
74.589996					
## 2748	2008-04-17	74.180000	75.019997	73.610001	74.040001
74.040001					
## 2749	2008-04-18	76.480003	82.000000	76.320000	80.099998
80.099998					
## 2750	2008-04-21	80.029999	81.339996	79.059998	80.180000
80.180000					
## 2751	2008-04-22	79.940002	79.940002	77.540001	79.599998
79.599998					
## 2752	2008-04-23	80.300003	82.639999	78.739998	81.000000
81.000000					
## 2753	2008-04-24	77.709999	80.529999	76.930000	77.690002
77.690002					
## 2754	2008-04-25	77.809998	81.320000	77.260002	80.860001
80.860001					
## 2755	2008-04-28	80.639999	82.500000	80.120003	81.970001
81.970001					
## 2756	2008-04-29	81.419998	81.769997	79.860001	80.739998
80.739998					
## 2757	2008-04-30	80.900002	81.339996	77.919998	78.629997
78.629997					
## 2758	2008-05-01	78.400002	80.010002	77.970001	79.360001
79.360001					
## 2759	2008-05-02	80.300003	81.199997	76.400002	77.309998
77.309998					
## 2760	2008-05-05	77.269997	77.769997	75.870003	75.919998
75.919998					
## 2761	2008-05-06	75.510002	76.769997	75.050003	75.709999
75.709999					

## 2762 2008-05-07	75.260002	76.639999	73.089996	73.180000
73.180000				
## 2763 2008-05-08	73.730003	74.160004	71.559998	72.790001
72.790001				
## 2764 2008-05-09	72.199997	73.339996	71.660004	72.410004
72.410004				
## 2765 2008-05-12	73.000000	74.930000	71.779999	74.529999
74.529999				
## 2766 2008-05-13	74.570000	74.959999	73.309998	74.559998
74.559998				
## 2767 2008-05-14	74.919998	75.750000	73.980003	74.199997
74.199997				
## 2768 2008-05-15	73.889999	76.320000	73.550003	76.120003
76.120003				
## 2769 2008-05-16	76.419998	76.830002	74.860001	76.459999
76.459999				
## 2770 2008-05-19	79.010002	84.750000	78.860001	82.290001
82.290001				
## 2771 2008-05-20	82.169998	82.699997	80.029999	80.720001
80.720001				
## 2772 2008-05-21	80.370003	81.150002	77.500000	78.300003
78.300003				
## 2773 2008-05-22	78.680000	79.690002	78.000000	79.260002
79.260002				
## 2774 2008-05-23	78.550003	78.870003	77.430000	78.349998
78.349998				
## 2775 2008-05-27	78.260002	80.900002	77.970001	80.620003
80.620003				
## 2776 2008-05-28	80.730003	80.790001	78.989998	80.080002
80.080002				
## 2777 2008-05-29	80.610001	81.959999	80.169998	80.349998
80.349998				
## 2778 2008-05-30	80.580002	81.769997	80.300003	81.620003
81.620003				
## 2779 2008-06-02	81.150002	81.570000	80.050003	80.230003
80.230003				
## 2780 2008-06-03	80.709999	81.889999	79.260002	80.110001
80.110001				
## 2781 2008-06-04	80.110001	81.820000	79.720001	81.500000
81.500000				
## 2782 2008-06-05	82.110001	84.879997	81.800003	84.510002
84.510002				
## 2783 2008-06-06	83.239998	83.639999	80.559998	80.629997
80.629997				
## 2784 2008-06-09	81.190002	81.529999	78.120003	79.430000
79.430000				
## 2785 2008-06-10	78.199997	81.040001	78.199997	79.620003
79.620003				
## 2786 2008-06-11	79.349998	80.000000	77.029999	77.279999
77.279999				

## 2787	2008-06-12	78.019997	79.050003	75.010002	76.150002
76.150002					
## 2788	2008-06-13	76.699997	80.000000	76.699997	79.169998
79.169998					
## 2789	2008-06-16	78.419998	82.529999	78.410004	81.699997
81.699997					
## 2790	2008-06-17	83.150002	84.300003	82.800003	82.970001
82.970001					
## 2791	2008-06-18	82.000000	83.169998	81.320000	82.519997
82.519997					
## 2792	2008-06-19	82.209999	84.470001	81.500000	84.260002
84.260002					
## 2793	2008-06-20	83.099998	83.459999	80.510002	81.099998
81.099998					
## 2794	2008-06-23	81.300003	82.150002	79.550003	80.680000
80.680000					
## 2795	2008-06-24	79.550003	80.790001	77.629997	79.639999
79.639999					
## 2796	2008-06-25	80.449997	82.150002	79.519997	80.510002
80.510002					
## 2797	2008-06-26	79.099998	79.889999	76.000000	76.300003
76.300003					
## 2798	2008-06-27	75.589996	76.070000	72.620003	74.660004
74.660004					
## 2799	2008-06-30	75.029999	76.120003	73.209999	73.330002
73.330002					
## 2800	2008-07-01	72.239998	74.230003	70.519997	73.620003
73.620003					
## 2801	2008-07-02	74.160004	74.410004	71.379997	71.440002
71.440002					
## 2802	2008-07-03	72.510002	73.839996	70.519997	72.000000
72.000000					
## 2803	2008-07-07	72.370003	74.400002	70.760002	72.489998
72.489998					
## 2804	2008-07-08	72.379997	75.489998	71.750000	75.040001
75.040001					
## 2805	2008-07-09	74.559998	74.900002	70.480003	70.610001
70.610001					
## 2806	2008-07-10	70.699997	71.769997	67.989998	70.629997
70.629997					
## 2807	2008-07-11	69.400002	69.989998	66.739998	68.540001
68.540001					
## 2808	2008-07-14	69.309998	69.500000	65.589996	66.279999
66.279999					
## 2809	2008-07-15	65.870003	68.620003	62.990002	67.029999
67.029999					
## 2810	2008-07-16	66.940002	72.750000	66.839996	71.839996
71.839996					
## 2811	2008-07-17	71.199997	72.379997	67.739998	72.110001
72.110001					

## 2812	2008-07-18	69.940002	70.839996	68.400002	69.120003
69.120003					
## 2813	2008-07-21	69.519997	69.800003	66.300003	68.480003
68.480003					
## 2814	2008-07-22	67.089996	69.139999	65.879997	67.970001
67.970001					
## 2815	2008-07-23	67.459999	72.070000	67.459999	70.540001
70.540001					
## 2816	2008-07-24	76.300003	82.379997	76.290001	78.720001
78.720001					
## 2817	2008-07-25	79.629997	80.940002	78.120003	78.309998
78.309998					
## 2818	2008-07-28	77.089996	78.309998	74.860001	75.980003
75.980003					
## 2819	2008-07-29	76.489998	78.800003	76.160004	78.209999
78.209999					
## 2820	2008-07-30	78.360001	79.849998	76.419998	78.209999
78.209999					
## 2821	2008-07-31	76.750000	78.169998	76.099998	76.339996
76.339996					
## 2822	2008-08-01	76.360001	76.489998	74.050003	75.750000
75.750000					
## 2823	2008-08-04	75.989998	77.300003	75.010002	75.709999
75.709999					
## 2824	2008-08-05	76.919998	79.519997	76.519997	79.110001
79.110001					
## 2825	2008-08-06	78.550003	78.629997	76.730003	78.089996
78.089996					
## 2826	2008-08-07	77.010002	78.050003	76.000000	76.949997
76.949997					
## 2827	2008-08-08	76.779999	81.209999	76.290001	80.510002
80.510002					
## 2828	2008-08-11	80.180000	91.750000	79.779999	88.089996
88.089996					
## 2829	2008-08-12	87.320000	88.480003	86.099998	87.250000
87.250000					
## 2830	2008-08-13	86.279999	88.250000	84.540001	86.690002
86.690002					
## 2831	2008-08-14	85.709999	88.750000	85.220001	88.029999
88.029999					
## 2832	2008-08-15	88.279999	89.529999	86.260002	86.400002
86.400002					
## 2833	2008-08-18	86.089996	86.279999	83.040001	83.110001
83.110001					
## 2834	2008-08-19	83.089996	83.510002	81.059998	81.290001
81.290001					
## 2835	2008-08-20	82.000000	83.250000	81.199997	82.129997
82.129997					
## 2836	2008-08-21	81.410004	83.769997	80.980003	83.260002
83.260002					

## 2837	2008-08-22	84.269997	85.459999	83.930000	85.260002
85.260002					
## 2838	2008-08-25	84.629997	84.639999	82.449997	82.849998
82.849998					
## 2839	2008-08-26	82.739998	83.120003	81.250000	81.760002
81.760002					
## 2840	2008-08-27	81.440002	82.739998	81.000000	81.730003
81.730003					
## 2841	2008-08-28	82.209999	83.650002	81.800003	83.419998
83.419998					
## 2842	2008-08-29	82.900002	82.900002	80.500000	80.809998
80.809998					
## 2843	2008-09-02	83.160004	84.500000	81.209999	81.410004
81.410004					
## 2844	2008-09-03	81.400002	82.000000	80.019997	80.769997
80.769997					
## 2845	2008-09-04	80.599998	80.809998	78.019997	78.029999
78.029999					
## 2846	2008-09-05	77.339996	80.720001	77.080002	79.190002
79.190002					
## 2847	2008-09-08	82.250000	83.750000	78.849998	81.160004
81.160004					
## 2848	2008-09-09	80.760002	81.959999	78.989998	79.040001
79.040001					
## 2849	2008-09-10	80.010002	80.220001	76.150002	76.739998
76.739998					
## 2850	2008-09-11	75.269997	79.800003	75.099998	79.510002
79.510002					
## 2851	2008-09-12	78.809998	79.599998	76.620003	78.300003
78.300003					
## 2852	2008-09-15	76.860001	79.879997	76.300003	77.339996
77.339996					
## 2853	2008-09-16	76.800003	79.629997	76.669998	78.730003
78.730003					
## 2854	2008-09-17	77.680000	78.239998	71.239998	71.540001
71.540001					
## 2855	2008-09-18	73.080002	77.500000	70.080002	76.500000
76.500000					
## 2856	2008-09-19	80.120003	86.769997	76.500000	81.000000
81.000000					
## 2857	2008-09-22	81.129997	81.629997	74.320000	74.930000
74.930000					
## 2858	2008-09-23	75.790001	76.290001	70.769997	71.760002
71.760002					
## 2859	2008-09-24	72.300003	73.650002	68.940002	69.959999
69.959999					
## 2860	2008-09-25	70.660004	72.750000	70.010002	72.080002
72.080002					
## 2861	2008-09-26	69.519997	71.050003	68.080002	70.699997
70.699997					

## 2862	2008-09-29	68.410004	69.370003	61.320000	63.349998
63.349998					
## 2863	2008-09-30	65.839996	73.120003	65.320000	72.760002
72.760002					
## 2864	2008-10-01	71.779999	71.989998	68.410004	69.580002
69.580002					
## 2865	2008-10-02	67.629997	68.959999	65.410004	67.360001
67.360001					
## 2866	2008-10-03	69.419998	70.949997	66.589996	67.000000
67.000000					
## 2867	2008-10-06	64.059998	65.889999	60.470001	65.230003
65.230003					
## 2868	2008-10-07	65.790001	66.430000	58.500000	58.520000
58.520000					
## 2869	2008-10-08	55.639999	62.750000	55.349998	61.020000
61.020000					
## 2870	2008-10-09	61.970001	63.500000	56.000000	56.000000
56.000000					
## 2871	2008-10-10	52.990002	59.750000	51.049999	56.250000
56.250000					
## 2872	2008-10-13	58.959999	62.209999	57.369999	62.020000
62.020000					
## 2873	2008-10-14	63.500000	64.000000	54.799999	55.860001
55.860001					
## 2874	2008-10-15	54.459999	54.689999	48.349998	48.720001
48.720001					
## 2875	2008-10-16	46.400002	50.700001	43.389999	50.290001
50.290001					
## 2876	2008-10-17	48.830002	62.330002	48.410000	50.650002
50.650002					
## 2877	2008-10-20	52.169998	53.099998	49.910000	52.970001
52.970001					
## 2878	2008-10-21	51.860001	52.950001	49.919998	50.230000
50.230000					
## 2879	2008-10-22	50.049999	52.470001	47.900002	49.990002
49.990002					
## 2880	2008-10-23	43.369999	50.910000	43.310001	50.320000
50.320000					
## 2881	2008-10-24	44.750000	52.320000	44.500000	48.959999
48.959999					
## 2882	2008-10-27	49.000000	52.590000	48.430000	49.580002
49.580002					
## 2883	2008-10-28	51.500000	56.299999	49.070000	56.040001
56.040001					
## 2884	2008-10-29	55.529999	59.790001	54.520000	56.889999
56.889999					
## 2885	2008-10-30	58.759998	59.889999	55.080002	56.709999
56.709999					
## 2886	2008-10-31	56.009998	57.250000	55.009998	57.240002
57.240002					

## 2887	2008-11-03	56.349998	57.250000	55.020000	55.770000
55.770000					
## 2888	2008-11-04	57.160000	58.730000	55.220001	58.450001
58.450001					
## 2889	2008-11-05	57.470001	58.000000	51.619999	51.980000
51.980000					
## 2890	2008-11-06	49.799999	51.040001	46.299999	47.220001
47.220001					
## 2891	2008-11-07	47.759998	49.790001	47.009998	49.209999
49.209999					
## 2892	2008-11-10	49.980000	50.680000	46.860001	48.459999
48.459999					
## 2893	2008-11-11	47.099998	48.060001	44.810001	46.299999
46.299999					
## 2894	2008-11-12	43.990002	45.439999	40.900002	41.560001
41.560001					
## 2895	2008-11-13	41.400002	45.000000	38.480000	44.930000
44.930000					
## 2896	2008-11-14	43.610001	44.500000	41.500000	41.750000
41.750000					
## 2897	2008-11-17	39.910000	41.259998	39.070000	39.689999
39.689999					
## 2898	2008-11-18	39.730000	40.660000	36.080002	38.439999
38.439999					
## 2899	2008-11-19	37.970001	39.000000	35.750000	35.840000
35.840000					
## 2900	2008-11-20	35.290001	39.720001	34.680000	35.029999
35.029999					
## 2901	2008-11-21	36.389999	39.000000	35.720001	37.869999
37.869999					
## 2902	2008-11-24	38.790001	43.439999	38.700001	42.500000
42.500000					
## 2903	2008-11-25	42.090000	42.889999	39.610001	42.189999
42.189999					
## 2904	2008-11-26	40.869999	44.000000	40.290001	43.959999
43.959999					
## 2905	2008-11-28	44.029999	44.099998	42.220001	42.700001
42.700001					
## 2906	2008-12-01	42.000000	43.259998	40.380001	40.470001
40.470001					
## 2907	2008-12-02	41.389999	41.709999	38.820000	41.189999
41.189999					
## 2908	2008-12-03	40.160000	45.880001	40.049999	45.209999
45.209999					
## 2909	2008-12-04	45.939999	50.500000	45.750000	47.320000
47.320000					
## 2910	2008-12-05	45.889999	48.490002	43.299999	48.259998
48.259998					
## 2911	2008-12-08	49.150002	52.139999	47.360001	51.410000
51.410000					

## 2912	2008-12-09	49.810001	54.480000	49.700001	51.250000
51.250000					
## 2913	2008-12-10	51.459999	51.500000	48.340000	49.700001
49.700001					
## 2914	2008-12-11	49.330002	50.490002	48.169998	48.250000
48.250000					
## 2915	2008-12-12	47.520000	51.380001	47.520000	51.250000
51.250000					
## 2916	2008-12-15	50.650002	50.950001	48.150002	48.849998
48.849998					
## 2917	2008-12-16	49.619999	52.959999	49.290001	52.630001
52.630001					
## 2918	2008-12-17	52.259998	54.770000	51.529999	53.180000
53.180000					
## 2919	2008-12-18	53.000000	54.849998	51.200001	52.080002
52.080002					
## 2920	2008-12-19	51.590000	52.990002	50.919998	51.560001
51.560001					
## 2921	2008-12-22	51.599998	52.150002	48.470001	49.840000
49.840000					
## 2922	2008-12-23	50.119999	51.610001	50.119999	51.080002
51.080002					
## 2923	2008-12-24	51.660000	51.950001	51.009998	51.439999
51.439999					
## 2924	2008-12-26	53.790001	53.950001	51.549999	51.779999
51.779999					
## 2925	2008-12-29	51.430000	51.770000	48.560001	49.400002
49.400002					
## 2926	2008-12-30	49.509998	51.209999	48.740002	50.759998
50.759998					
## 2927	2008-12-31	50.740002	51.689999	49.910000	51.279999
51.279999					
## 2928	2009-01-02	51.349998	54.529999	51.070000	54.360001
54.360001					
## 2929	2009-01-05	55.730000	55.740002	53.029999	54.060001
54.060001					
## 2930	2009-01-06	54.549999	58.220001	53.750000	57.360001
57.360001					
## 2931	2009-01-07	56.290001	56.950001	55.349998	56.200001
56.200001					
## 2932	2009-01-08	54.990002	57.320000	54.580002	57.160000
57.160000					
## 2933	2009-01-09	56.919998	57.000000	54.700001	55.509998
55.509998					
## 2934	2009-01-12	54.119999	54.299999	50.869999	51.919998
51.919998					
## 2935	2009-01-13	50.959999	53.290001	50.750000	51.450001
51.450001					
## 2936	2009-01-14	50.099998	50.099998	48.139999	48.490002
48.490002					

## 2937	2009-01-15	48.560001	52.230000	47.630001	51.439999
51.439999					
## 2938	2009-01-16	51.799999	52.330002	49.529999	51.590000
51.590000					
## 2939	2009-01-20	50.750000	51.700001	48.270000	48.439999
48.439999					
## 2940	2009-01-21	49.310001	50.689999	48.250000	50.540001
50.540001					
## 2941	2009-01-22	49.419998	50.880001	48.259998	49.939999
49.939999					
## 2942	2009-01-23	48.900002	51.419998	48.450001	50.630001
50.630001					
## 2943	2009-01-26	50.180000	50.889999	48.520000	49.630001
49.630001					
## 2944	2009-01-27	49.299999	50.419998	47.720001	48.439999
48.439999					
## 2945	2009-01-28	49.720001	51.490002	48.970001	50.360001
50.360001					
## 2946	2009-01-29	49.959999	51.849998	49.139999	50.000000
50.000000					
## 2947	2009-01-30	57.360001	59.740002	57.240002	58.820000
58.820000					
## 2948	2009-02-02	58.570000	62.000000	58.130001	61.150002
61.150002					
## 2949	2009-02-03	60.869999	64.199997	60.000000	63.590000
63.590000					
## 2950	2009-02-04	63.380001	63.439999	60.830002	61.060001
61.060001					
## 2951	2009-02-05	61.150002	63.810001	60.630001	63.180000
63.180000					
## 2952	2009-02-06	63.180000	67.000000	63.180000	66.550003
66.550003					
## 2953	2009-02-09	66.559998	67.360001	65.379997	66.709999
66.709999					
## 2954	2009-02-10	66.150002	67.230003	63.070000	63.310001
63.310001					
## 2955	2009-02-11	63.099998	64.900002	62.250000	64.349998
64.349998					
## 2956	2009-02-12	63.250000	64.250000	61.709999	63.959999
63.959999					
## 2957	2009-02-13	63.970001	64.680000	62.869999	63.259998
63.259998					
## 2958	2009-02-17	61.669998	62.650002	61.180000	61.669998
61.669998					
## 2959	2009-02-18	62.270000	62.779999	60.520000	62.349998
62.349998					
## 2960	2009-02-19	62.840000	64.180000	61.669998	61.950001
61.950001					
## 2961	2009-02-20	61.070000	64.150002	60.840000	63.860001
63.860001					

## 2962	2009-02-23	64.160004	64.910004	61.520000	61.709999
61.709999					
## 2963	2009-02-24	61.970001	66.099998	61.889999	65.599998
65.599998					
## 2964	2009-02-25	64.900002	65.750000	62.820000	63.709999
63.709999					
## 2965	2009-02-26	64.120003	64.730003	62.340000	62.340000
62.340000					
## 2966	2009-02-27	61.259998	65.080002	60.939999	64.790001
64.790001					
## 2967	2009-03-02	63.939999	65.519997	61.509998	61.990002
61.990002					
## 2968	2009-03-03	62.750000	63.290001	61.299999	61.700001
61.700001					
## 2969	2009-03-04	62.799999	65.790001	62.400002	64.809998
64.809998					
## 2970	2009-03-05	64.120003	65.800003	63.599998	64.769997
64.769997					
## 2971	2009-03-06	65.199997	65.500000	59.820000	61.689999
61.689999					
## 2972	2009-03-09	62.200001	64.029999	60.150002	60.490002
60.490002					
## 2973	2009-03-10	62.490002	65.900002	61.779999	65.709999
65.709999					
## 2974	2009-03-11	66.239998	69.370003	65.269997	68.540001
68.540001					
## 2975	2009-03-12	68.349998	69.870003	67.250000	69.580002
69.580002					
## 2976	2009-03-13	69.639999	69.739998	67.529999	68.629997
68.629997					
## 2977	2009-03-16	68.559998	69.290001	66.680000	66.980003
66.980003					
## 2978	2009-03-17	67.370003	71.709999	67.000000	71.349998
71.349998					
## 2979	2009-03-18	70.970001	73.910004	70.129997	71.250000
71.250000					
## 2980	2009-03-19	71.400002	71.910004	69.239998	70.099998
70.099998					
## 2981	2009-03-20	70.389999	70.889999	69.080002	69.959999
69.959999					
## 2982	2009-03-23	71.360001	75.610001	70.699997	75.580002
75.580002					
## 2983	2009-03-24	74.849998	75.000000	72.309998	72.809998
72.809998					
## 2984	2009-03-25	73.089996	73.949997	69.839996	72.400002
72.400002					
## 2985	2009-03-26	73.470001	74.980003	72.639999	73.690002
73.690002					
## 2986	2009-03-27	71.610001	72.290001	70.099998	70.519997
70.519997					

## 2987	2009-03-30	70.400002	71.669998	69.750000	71.440002
71.440002					
## 2988	2009-03-31	72.610001	74.500000	72.120003	73.440002
73.440002					
## 2989	2009-04-01	73.019997	75.089996	71.709999	73.500000
73.500000					
## 2990	2009-04-02	73.629997	77.239998	73.440002	76.339996
76.339996					
## 2991	2009-04-03	76.419998	78.320000	75.500000	78.169998
78.169998					
## 2992	2009-04-06	77.260002	78.360001	76.000000	77.989998
77.989998					
## 2993	2009-04-07	76.970001	77.080002	74.879997	75.510002
75.510002					
## 2994	2009-04-08	75.930000	77.110001	74.570000	76.980003
76.980003					
## 2995	2009-04-09	77.510002	80.000000	77.260002	79.769997
79.769997					
## 2996	2009-04-13	79.839996	79.970001	77.849998	78.940002
78.940002					
## 2997	2009-04-14	78.000000	79.459999	76.940002	77.220001
77.220001					
## 2998	2009-04-15	75.500000	75.809998	73.510002	74.709999
74.709999					
## 2999	2009-04-16	75.330002	77.480003	75.160004	77.250000
77.250000					
## 3000	2009-04-17	76.779999	78.720001	75.879997	78.050003
78.050003					
## 3001	2009-04-20	78.440002	79.790001	76.830002	77.570000
77.570000					
## 3002	2009-04-21	77.330002	79.099998	77.290001	78.739998
78.739998					
## 3003	2009-04-22	78.169998	82.180000	77.809998	79.199997
79.199997					
## 3004	2009-04-23	81.330002	82.059998	79.080002	80.610001
80.610001					
## 3005	2009-04-24	82.029999	86.680000	80.730003	84.459999
84.459999					
## 3006	2009-04-27	83.879997	84.980003	82.209999	83.120003
83.120003					
## 3007	2009-04-28	82.680000	85.349998	82.400002	82.400002
82.400002					
## 3008	2009-04-29	82.989998	82.989998	79.260002	79.790001
79.790001					
## 3009	2009-04-30	80.930000	82.669998	79.889999	80.519997
80.519997					
## 3010	2009-05-01	80.379997	80.379997	77.849998	78.959999
78.959999					
## 3011	2009-05-04	80.260002	81.349998	78.849998	79.769997
79.769997					

## 3012 2009-05-05	81.010002	82.000000	80.190002	81.900002
81.900002				
## 3013 2009-05-06	82.879997	83.599998	79.660004	81.989998
81.989998				
## 3014 2009-05-07	82.730003	82.750000	77.879997	79.279999
79.279999				
## 3015 2009-05-08	79.690002	80.230003	76.309998	77.949997
77.949997				
## 3016 2009-05-11	76.800003	79.849998	76.010002	78.610001
78.610001				
## 3017 2009-05-12	78.699997	78.970001	76.529999	77.930000
77.930000				
## 3018 2009-05-13	76.250000	76.650002	74.010002	74.190002
74.190002				
## 3019 2009-05-14	73.790001	76.059998	73.309998	75.110001
75.110001				
## 3020 2009-05-15	74.540001	76.209999	73.419998	73.599998
73.599998				
## 3021 2009-05-18	73.959999	75.959999	73.099998	75.949997
75.949997				
## 3022 2009-05-19	75.430000	78.959999	75.120003	77.870003
77.870003				
## 3023 2009-05-20	78.500000	81.110001	77.419998	77.970001
77.970001				
## 3024 2009-05-21	76.750000	77.970001	75.400002	75.959999
75.959999				
## 3025 2009-05-22	76.099998	77.040001	75.019997	75.639999
75.639999				
## 3026 2009-05-26	75.029999	78.480003	74.550003	78.389999
78.389999				
## 3027 2009-05-27	78.510002	79.500000	76.750000	77.099998
77.099998				
## 3028 2009-05-28	77.699997	79.099998	75.879997	77.650002
77.650002				
## 3029 2009-05-29	77.720001	78.010002	76.400002	77.989998
77.989998				
## 3030 2009-06-01	78.209999	84.800003	77.489998	83.050003
83.050003				
## 3031 2009-06-02	82.419998	85.449997	82.099998	84.930000
84.930000				
## 3032 2009-06-03	83.309998	85.709999	83.129997	85.680000
85.680000				
## 3033 2009-06-04	85.419998	86.400002	84.570000	85.519997
85.519997				
## 3034 2009-06-05	86.290001	87.949997	85.300003	87.559998
87.559998				
## 3035 2009-06-08	86.750000	87.180000	85.110001	86.360001
86.360001				
## 3036 2009-06-09	86.930000	87.669998	86.169998	87.080002
87.080002				

## 3037 2009-06-10	87.580002	88.559998	84.830002	86.589996
86.589996				
## 3038 2009-06-11	86.300003	87.489998	85.050003	85.690002
85.690002				
## 3039 2009-06-12	85.029999	85.199997	82.010002	84.080002
84.080002				
## 3040 2009-06-15	82.830002	83.300003	81.000000	83.180000
83.180000				
## 3041 2009-06-16	83.699997	83.949997	81.279999	82.150002
82.150002				
## 3042 2009-06-17	82.500000	84.300003	80.639999	82.650002
82.650002				
## 3043 2009-06-18	82.809998	82.949997	81.000000	81.599998
81.599998				
## 3044 2009-06-19	82.150002	83.459999	81.500000	82.959999
82.959999				
## 3045 2009-06-22	82.410004	82.430000	78.559998	79.150002
79.150002				
## 3046 2009-06-23	78.970001	79.099998	76.250000	77.680000
77.680000				
## 3047 2009-06-24	78.000000	80.529999	77.800003	79.269997
79.269997				
## 3048 2009-06-25	79.099998	82.230003	79.029999	82.199997
82.199997				
## 3049 2009-06-26	81.900002	84.139999	81.129997	83.879997
83.879997				
## 3050 2009-06-29	83.870003	84.199997	82.410004	83.029999
83.029999				
## 3051 2009-06-30	83.620003	84.919998	82.470001	83.660004
83.660004				
## 3052 2009-07-01	84.419998	84.500000	81.370003	81.599998
81.599998				
## 3053 2009-07-02	81.110001	81.370003	78.510002	79.320000
79.320000				
## 3054 2009-07-06	78.449997	78.889999	76.540001	78.099998
78.099998				
## 3055 2009-07-07	78.529999	78.690002	75.410004	75.629997
75.629997				
## 3056 2009-07-08	76.459999	77.930000	75.699997	77.360001
77.360001				
## 3057 2009-07-09	78.250000	78.540001	76.820000	78.099998
78.099998				
## 3058 2009-07-10	77.519997	78.820000	76.169998	77.629997
77.629997				
## 3059 2009-07-13	78.070000	81.650002	78.010002	81.470001
81.470001				
## 3060 2009-07-14	81.480003	82.419998	80.419998	81.949997
81.949997				
## 3061 2009-07-15	83.000000	84.639999	82.779999	84.550003
84.550003				

## 3062 2009-07-16	84.419998	86.239998	83.720001	86.110001
86.110001				
## 3063 2009-07-17	85.800003	86.500000	85.199997	85.849998
85.849998				
## 3064 2009-07-20	86.269997	88.879997	86.260002	88.230003
88.230003				
## 3065 2009-07-21	88.519997	89.010002	87.400002	89.010002
89.010002				
## 3066 2009-07-22	88.650002	89.230003	87.779999	88.790001
88.790001				
## 3067 2009-07-23	89.839996	94.400002	89.589996	93.870003
93.870003				
## 3068 2009-07-24	87.599998	88.900002	85.500000	86.489998
86.489998				
## 3069 2009-07-27	86.239998	86.489998	83.559998	84.239998
84.239998				
## 3070 2009-07-28	83.839996	85.639999	82.599998	84.980003
84.980003				
## 3071 2009-07-29	84.470001	85.500000	83.519997	84.339996
84.339996				
## 3072 2009-07-30	85.639999	87.250000	85.169998	86.089996
86.089996				
## 3073 2009-07-31	85.760002	86.750000	84.620003	85.760002
85.760002				
## 3074 2009-08-03	86.559998	88.199997	86.559998	87.440002
87.440002				
## 3075 2009-08-04	87.480003	87.480003	84.930000	85.800003
85.800003				
## 3076 2009-08-05	85.639999	85.750000	83.019997	84.290001
84.290001				
## 3077 2009-08-06	84.309998	84.839996	83.050003	84.470001
84.470001				
## 3078 2009-08-07	84.099998	85.959999	84.099998	85.320000
85.320000				
## 3079 2009-08-10	85.010002	85.470001	83.269997	84.440002
84.440002				
## 3080 2009-08-11	83.639999	84.400002	82.449997	83.559998
83.559998				
## 3081 2009-08-12	83.419998	86.599998	83.379997	85.959999
85.959999				
## 3082 2009-08-13	85.720001	86.370003	84.070000	84.599998
84.599998				
## 3083 2009-08-14	84.110001	84.169998	82.779999	83.580002
83.580002				
## 3084 2009-08-17	81.160004	81.779999	80.250000	81.059998
81.059998				
## 3085 2009-08-18	81.410004	82.690002	80.790001	82.120003
82.120003				
## 3086 2009-08-19	80.910004	83.000000	80.489998	83.000000
83.000000				

## 3087 2009-08-20	82.980003	84.349998	82.660004	84.089996
84.089996				
## 3088 2009-08-21	84.779999	85.059998	83.540001	85.000000
85.000000				
## 3089 2009-08-24	85.169998	85.589996	84.239998	84.500000
84.500000				
## 3090 2009-08-25	84.660004	86.339996	83.949997	84.190002
84.190002				
## 3091 2009-08-26	84.099998	84.760002	83.379997	84.000000
84.000000				
## 3092 2009-08-27	84.010002	84.849998	83.139999	84.309998
84.309998				
## 3093 2009-08-28	84.779999	84.989998	82.570000	82.760002
82.760002				
## 3094 2009-08-31	81.930000	81.949997	80.349998	81.190002
81.190002				
## 3095 2009-09-01	80.739998	82.419998	79.000000	79.160004
79.160004				
## 3096 2009-09-02	79.040001	80.150002	77.800003	78.139999
78.139999				
## 3097 2009-09-03	78.389999	78.959999	77.510002	78.459999
78.459999				
## 3098 2009-09-04	78.269997	79.779999	77.629997	78.870003
78.870003				
## 3099 2009-09-08	79.860001	81.040001	78.870003	80.900002
80.900002				
## 3100 2009-09-09	80.599998	82.629997	80.500000	82.239998
82.239998				
## 3101 2009-09-10	82.330002	84.070000	82.300003	83.849998
83.849998				
## 3102 2009-09-11	84.440002	84.900002	83.760002	84.540001
84.540001				
## 3103 2009-09-14	83.809998	84.570000	83.459999	83.860001
83.860001				
## 3104 2009-09-15	84.169998	84.410004	82.790001	83.550003
83.550003				
## 3105 2009-09-16	85.910004	90.980003	85.900002	90.699997
90.699997				
## 3106 2009-09-17	90.750000	91.190002	89.000000	90.440002
90.440002				
## 3107 2009-09-18	90.739998	91.000000	89.470001	90.279999
90.279999				
## 3108 2009-09-21	89.690002	90.760002	88.480003	90.559998
90.559998				
## 3109 2009-09-22	91.459999	94.190002	91.099998	93.750000
93.750000				
## 3110 2009-09-23	92.820000	94.500000	92.220001	92.379997
92.379997				
## 3111 2009-09-24	92.000000	92.709999	90.769997	92.110001
92.110001				

## 3112 2009-09-25	91.440002	92.250000	89.750000	90.519997
90.519997				
## 3113 2009-09-28	91.040001	92.809998	90.599998	92.209999
92.209999				
## 3114 2009-09-29	91.959999	92.330002	90.099998	91.720001
91.720001				
## 3115 2009-09-30	92.260002	94.169998	91.430000	93.360001
93.360001				
## 3116 2009-10-01	92.500000	92.900002	90.370003	91.040001
91.040001				
## 3117 2009-10-02	90.050003	91.139999	89.580002	89.849998
89.849998				
## 3118 2009-10-05	90.250000	90.930000	88.269997	88.669998
88.669998				
## 3119 2009-10-06	89.330002	91.080002	88.400002	90.910004
90.910004				
## 3120 2009-10-07	91.500000	94.480003	91.150002	93.970001
93.970001				
## 3121 2009-10-08	94.800003	96.720001	94.230003	95.220001
95.220001				
## 3122 2009-10-09	95.000000	95.949997	94.260002	95.709999
95.709999				
## 3123 2009-10-12	96.169998	96.250000	93.070000	93.599998
93.599998				
## 3124 2009-10-13	93.830002	95.250000	93.680000	94.830002
94.830002				
## 3125 2009-10-14	96.220001	97.820000	96.019997	97.459999
97.459999				
## 3126 2009-10-15	95.129997	97.059998	95.080002	96.010002
96.010002				
## 3127 2009-10-16	95.300003	96.120003	93.610001	95.320000
95.320000				
## 3128 2009-10-19	95.349998	96.279999	94.250000	94.680000
94.680000				
## 3129 2009-10-20	95.910004	96.099998	94.269997	94.980003
94.980003				
## 3130 2009-10-21	95.269997	96.629997	92.910004	93.419998
93.419998				
## 3131 2009-10-22	93.660004	94.099998	91.699997	93.449997
93.449997				
## 3132 2009-10-23	111.050003	119.650002	110.620003	118.489998
118.489998				
## 3133 2009-10-26	119.209999	125.680000	118.489998	124.639999
124.639999				
## 3134 2009-10-27	122.930000	124.260002	119.419998	122.070000
122.070000				
## 3135 2009-10-28	121.570000	125.120003	120.760002	121.639999
121.639999				
## 3136 2009-10-29	123.900002	124.300003	120.120003	122.580002
122.580002				

## 3137	2009-10-30	121.970001	122.900002	118.209999	118.809998
118.809998					
## 3138	2009-11-02	118.660004	119.500000	116.709999	118.839996
118.839996					
## 3139	2009-11-03	117.669998	118.879997	116.629997	118.370003
118.370003					
## 3140	2009-11-04	119.000000	119.250000	116.760002	117.099998
117.099998					
## 3141	2009-11-05	117.459999	120.949997	116.250000	120.610001
120.610001					
## 3142	2009-11-06	123.000000	126.980003	122.669998	126.199997
126.199997					
## 3143	2009-11-09	127.110001	128.320007	125.589996	126.669998
126.669998					
## 3144	2009-11-10	126.800003	130.610001	126.000000	130.149994
130.149994					
## 3145	2009-11-11	131.080002	131.309998	128.330002	129.910004
129.910004					
## 3146	2009-11-12	129.979996	132.149994	129.979996	130.529999
130.529999					
## 3147	2009-11-13	131.160004	132.990005	129.750000	132.970001
132.970001					
## 3148	2009-11-16	132.119995	134.559998	130.979996	131.589996
131.589996					
## 3149	2009-11-17	131.399994	131.850006	129.320007	131.250000
131.250000					
## 3150	2009-11-18	130.899994	131.410004	129.529999	131.289993
131.289993					
## 3151	2009-11-19	130.539993	130.539993	128.479996	128.990005
128.990005					
## 3152	2009-11-20	127.760002	129.990005	127.410004	129.660004
129.660004					
## 3153	2009-11-23	131.050003	133.000000	131.000000	133.000000
133.000000					
## 3154	2009-11-24	133.570007	134.330002	132.220001	132.940002
132.940002					
## 3155	2009-11-25	133.309998	134.199997	132.399994	134.029999
134.029999					
## 3156	2009-11-27	130.300003	133.000000	129.880005	131.740005
131.740005					
## 3157	2009-11-30	132.190002	136.080002	132.160004	135.910004
135.910004					
## 3158	2009-12-01	136.940002	139.350006	135.750000	138.500000
138.500000					
## 3159	2009-12-02	139.149994	142.669998	138.960007	142.250000
142.250000					
## 3160	2009-12-03	143.619995	145.910004	140.770004	141.169998
141.169998					
## 3161	2009-12-04	143.419998	143.449997	135.110001	137.580002
137.580002					

## 3162	2009-12-07	138.000000	139.000000	133.839996	134.210007
		134.210007			
## 3163	2009-12-08	134.300003	136.080002	132.869995	134.110001
		134.110001			
## 3164	2009-12-09	134.600006	134.710007	129.820007	131.309998
		131.309998			
## 3165	2009-12-10	132.410004	136.190002	132.399994	135.380005
		135.380005			
## 3166	2009-12-11	136.070007	136.289993	133.199997	134.149994
		134.149994			
## 3167	2009-12-14	132.500000	132.610001	129.350006	131.380005
		131.380005			
## 3168	2009-12-15	130.759995	132.460007	129.589996	130.229996
		130.229996			
## 3169	2009-12-16	130.929993	131.449997	127.650002	128.360001
		128.360001			
## 3170	2009-12-17	129.360001	130.080002	126.900002	126.910004
		126.910004			
## 3171	2009-12-18	127.910004	128.789993	125.650002	128.479996
		128.479996			
## 3172	2009-12-21	130.479996	133.199997	130.190002	132.789993
		132.789993			
## 3173	2009-12-22	133.759995	135.990005	132.649994	133.750000
		133.750000			
## 3174	2009-12-23	134.800003	139.050003	134.350006	138.940002
		138.940002			
## 3175	2009-12-24	139.199997	139.699997	137.539993	138.470001
		138.470001			
## 3176	2009-12-28	139.750000	141.979996	138.529999	139.309998
		139.309998			
## 3177	2009-12-29	141.289993	142.580002	138.550003	139.410004
		139.410004			
## 3178	2009-12-30	138.399994	138.399994	135.279999	136.490005
		136.490005			
## 3179	2009-12-31	137.089996	137.279999	134.520004	134.520004
		134.520004			
## 3180	2010-01-04	136.250000	136.610001	133.139999	133.899994
		133.899994			
## 3181	2010-01-05	133.429993	135.479996	131.809998	134.690002
		134.690002			
## 3182	2010-01-06	134.600006	134.729996	131.649994	132.250000
		132.250000			
## 3183	2010-01-07	132.009995	132.320007	128.800003	130.000000
		130.000000			
## 3184	2010-01-08	130.559998	133.679993	129.029999	133.520004
		133.520004			
## 3185	2010-01-11	132.619995	132.800003	129.210007	130.309998
		130.309998			
## 3186	2010-01-12	128.990005	129.820007	126.550003	127.349998
		127.349998			

## 3187	2010-01-13	127.900002	129.710007	125.750000	129.110001
129.110001					
## 3188	2010-01-14	129.139999	130.380005	126.400002	127.349998
127.349998					
## 3189	2010-01-15	129.179993	129.649994	127.059998	127.139999
127.139999					
## 3190	2010-01-19	126.309998	128.000000	124.330002	127.610001
127.610001					
## 3191	2010-01-20	127.129997	129.199997	125.080002	125.779999
125.779999					
## 3192	2010-01-21	127.260002	128.149994	125.000000	126.620003
126.620003					
## 3193	2010-01-22	125.599998	127.669998	120.760002	121.430000
121.430000					
## 3194	2010-01-25	122.099998	122.279999	118.120003	120.309998
120.309998					
## 3195	2010-01-26	120.559998	122.980003	119.059998	119.480003
119.480003					
## 3196	2010-01-27	121.029999	123.330002	118.800003	122.750000
122.750000					
## 3197	2010-01-28	124.430000	127.199997	122.800003	126.029999
126.029999					
## 3198	2010-01-29	129.770004	131.850006	124.139999	125.410004
125.410004					
## 3199	2010-02-01	123.180000	124.860001	113.820000	118.870003
118.870003					
## 3200	2010-02-02	118.790001	118.980003	114.400002	118.120003
118.120003					
## 3201	2010-02-03	117.120003	119.610001	116.559998	119.099998
119.099998					
## 3202	2010-02-04	118.639999	120.330002	115.739998	115.940002
115.940002					
## 3203	2010-02-05	115.879997	117.650002	114.099998	117.389999
117.389999					
## 3204	2010-02-08	119.379997	121.000000	116.559998	116.830002
116.830002					
## 3205	2010-02-09	118.199997	119.089996	117.000000	118.029999
118.029999					
## 3206	2010-02-10	118.000000	118.610001	116.000000	117.360001
117.360001					
## 3207	2010-02-11	117.209999	120.419998	116.500000	120.089996
120.089996					
## 3208	2010-02-12	118.989998	119.940002	117.500000	119.660004
119.660004					
## 3209	2010-02-16	120.059998	120.500000	117.180000	117.529999
117.529999					
## 3210	2010-02-17	117.070000	117.129997	115.550003	116.309998
116.309998					
## 3211	2010-02-18	115.839996	118.510002	114.820000	118.080002
118.080002					

## 3212	2010-02-19	117.910004	119.089996	117.000000	117.519997
		117.519997			
## 3213	2010-02-22	117.370003	118.970001	116.180000	118.010002
		118.010002			
## 3214	2010-02-23	118.010002	119.250000	116.510002	117.239998
		117.239998			
## 3215	2010-02-24	117.959999	119.800003	117.150002	119.720001
		119.720001			
## 3216	2010-02-25	118.169998	118.339996	115.849998	118.199997
		118.199997			
## 3217	2010-02-26	117.879997	119.430000	117.000000	118.400002
		118.400002			
## 3218	2010-03-01	118.699997	124.660004	117.529999	124.540001
		124.540001			
## 3219	2010-03-02	125.010002	127.349998	124.800003	125.529999
		125.529999			
## 3220	2010-03-03	125.400002	126.940002	124.430000	125.889999
		125.889999			
## 3221	2010-03-04	125.980003	128.850006	125.570000	128.529999
		128.529999			
## 3222	2010-03-05	129.130005	129.449997	127.070000	128.910004
		128.910004			
## 3223	2010-03-08	128.300003	130.850006	127.709999	130.110001
		130.110001			
## 3224	2010-03-09	129.589996	130.809998	127.970001	128.820007
		128.820007			
## 3225	2010-03-10	129.110001	131.169998	128.479996	130.509995
		130.509995			
## 3226	2010-03-11	130.449997	133.619995	130.360001	133.580002
		133.580002			
## 3227	2010-03-12	134.199997	134.199997	131.179993	131.820007
		131.820007			
## 3228	2010-03-15	131.699997	132.000000	128.630005	131.130005
		131.130005			
## 3229	2010-03-16	131.240005	132.289993	130.500000	131.789993
		131.789993			
## 3230	2010-03-17	132.410004	132.690002	131.220001	131.339996
		131.339996			
## 3231	2010-03-18	131.020004	132.850006	130.440002	132.759995
		132.759995			
## 3232	2010-03-19	133.710007	133.710007	129.660004	130.350006
		130.350006			
## 3233	2010-03-22	130.199997	130.960007	128.639999	130.470001
		130.470001			
## 3234	2010-03-23	130.889999	130.940002	128.070007	129.259995
		129.259995			
## 3235	2010-03-24	128.639999	129.399994	127.199997	128.039993
		128.039993			
## 3236	2010-03-25	129.139999	136.910004	128.039993	134.729996
		134.729996			

## 3237	2010-03-26	134.899994	136.990005	133.759995	135.059998
135.059998					
## 3238	2010-03-29	135.369995	136.630005	134.330002	135.119995
135.119995					
## 3239	2010-03-30	135.740005	138.190002	135.360001	136.580002
136.580002					
## 3240	2010-03-31	136.000000	136.800003	134.479996	135.770004
135.770004					
## 3241	2010-04-01	135.800003	136.509995	131.179993	131.809998
131.809998					
## 3242	2010-04-05	132.850006	133.740005	130.779999	131.490005
131.490005					
## 3243	2010-04-06	131.229996	136.000000	131.179993	135.559998
135.559998					
## 3244	2010-04-07	135.960007	136.080002	133.860001	134.869995
134.869995					
## 3245	2010-04-08	134.710007	141.250000	134.710007	140.960007
140.960007					
## 3246	2010-04-09	140.720001	141.330002	139.070007	140.059998
140.059998					
## 3247	2010-04-12	140.000000	142.910004	139.679993	141.199997
141.199997					
## 3248	2010-04-13	141.229996	141.979996	139.119995	140.160004
140.160004					
## 3249	2010-04-14	140.339996	144.500000	139.199997	144.279999
144.279999					
## 3250	2010-04-15	144.550003	147.089996	144.000000	145.820007
145.820007					
## 3251	2010-04-16	144.880005	147.169998	141.449997	142.169998
142.169998					
## 3252	2010-04-19	142.350006	143.669998	139.130005	142.429993
142.429993					
## 3253	2010-04-20	143.830002	144.639999	142.100006	144.199997
144.199997					
## 3254	2010-04-21	145.169998	149.000000	143.520004	146.429993
146.429993					
## 3255	2010-04-22	147.009995	151.089996	145.880005	150.089996
150.089996					
## 3256	2010-04-23	145.380005	149.089996	142.419998	143.630005
143.630005					
## 3257	2010-04-26	143.199997	147.729996	142.899994	147.110001
147.110001					
## 3258	2010-04-27	145.550003	146.440002	141.110001	142.020004
142.020004					
## 3259	2010-04-28	142.589996	142.750000	138.690002	139.350006
139.350006					
## 3260	2010-04-29	140.089996	142.449997	139.789993	141.729996
141.729996					
## 3261	2010-04-30	141.399994	141.399994	136.910004	137.100006
137.100006					

## 3262	2010-05-03	137.199997	139.440002	136.110001	137.490005
		137.490005			
## 3263	2010-05-04	135.619995	135.809998	128.380005	129.830002
		129.830002			
## 3264	2010-05-05	128.000000	131.610001	127.550003	130.929993
		130.929993			
## 3265	2010-05-06	130.000000	132.330002	120.599998	128.710007
		128.710007			
## 3266	2010-05-07	127.970001	131.179993	123.760002	124.980003
		124.980003			
## 3267	2010-05-10	129.729996	132.210007	129.259995	131.289993
		131.289993			
## 3268	2010-05-11	129.949997	133.080002	128.470001	130.460007
		130.460007			
## 3269	2010-05-12	131.410004	134.130005	129.679993	133.869995
		133.869995			
## 3270	2010-05-13	133.929993	136.990005	131.000000	131.470001
		131.470001			
## 3271	2010-05-14	130.360001	131.000000	126.760002	128.529999
		128.529999			
## 3272	2010-05-17	128.240005	129.949997	125.800003	128.910004
		128.910004			
## 3273	2010-05-18	130.139999	131.250000	125.510002	126.279999
		126.279999			
## 3274	2010-05-19	125.510002	127.930000	123.800003	124.589996
		124.589996			
## 3275	2010-05-20	122.639999	125.000000	118.779999	119.709999
		119.709999			
## 3276	2010-05-21	117.900002	124.970001	117.519997	122.720001
		122.720001			
## 3277	2010-05-24	122.570000	124.500000	120.650002	122.120003
		122.120003			
## 3278	2010-05-25	118.540001	125.190002	118.500000	124.860001
		124.860001			
## 3279	2010-05-26	125.050003	125.790001	122.300003	123.209999
		123.209999			
## 3280	2010-05-27	124.980003	126.849998	120.599998	126.699997
		126.699997			
## 3281	2010-05-28	126.070000	127.599998	124.010002	125.459999
		125.459999			
## 3282	2010-06-01	124.970001	126.570000	123.019997	123.239998
		123.239998			
## 3283	2010-06-02	124.019997	126.430000	121.650002	126.309998
		126.309998			
## 3284	2010-06-03	126.250000	129.149994	124.849998	128.759995
		128.759995			
## 3285	2010-06-04	126.330002	128.199997	122.180000	122.769997
		122.769997			
## 3286	2010-06-07	125.839996	126.610001	121.669998	122.010002
		122.010002			

## 3287	2010-06-08	122.000000	122.000000	115.800003	118.839996
118.839996					
## 3288	2010-06-09	120.309998	121.470001	117.360001	117.910004
117.910004					
## 3289	2010-06-10	120.000000	123.500000	119.199997	123.209999
123.209999					
## 3290	2010-06-11	121.389999	123.529999	120.290001	123.029999
123.029999					
## 3291	2010-06-14	124.239998	125.699997	123.500000	123.830002
123.830002					
## 3292	2010-06-15	123.199997	126.919998	122.500000	126.839996
126.839996					
## 3293	2010-06-16	125.389999	127.980003	125.360001	126.900002
126.900002					
## 3294	2010-06-17	126.739998	127.800003	124.690002	125.889999
125.889999					
## 3295	2010-06-18	126.480003	127.480003	125.070000	125.830002
125.830002					
## 3296	2010-06-21	126.790001	127.480003	121.410004	122.550003
122.550003					
## 3297	2010-06-22	122.650002	125.230003	121.550003	122.309998
122.309998					
## 3298	2010-06-23	122.110001	123.220001	120.040001	121.449997
121.449997					
## 3299	2010-06-24	120.610001	120.849998	116.800003	118.330002
118.330002					
## 3300	2010-06-25	118.139999	121.760002	117.629997	121.000000
121.000000					
## 3301	2010-06-28	118.849998	120.040001	117.099998	117.800003
117.800003					
## 3302	2010-06-29	116.260002	116.480003	106.010002	108.610001
108.610001					
## 3303	2010-06-30	108.580002	112.680000	108.110001	109.260002
109.260002					
## 3304	2010-07-01	108.900002	111.690002	106.699997	110.959999
110.959999					
## 3305	2010-07-02	110.919998	111.290001	108.559998	109.139999
109.139999					
## 3306	2010-07-06	110.650002	112.529999	109.000000	110.059998
110.059998					
## 3307	2010-07-07	109.839996	113.629997	109.809998	113.430000
113.430000					
## 3308	2010-07-08	115.019997	117.480003	114.070000	116.220001
116.220001					
## 3309	2010-07-09	116.550003	117.400002	114.650002	117.260002
117.260002					
## 3310	2010-07-12	117.809998	119.699997	117.320000	119.510002
119.510002					
## 3311	2010-07-13	120.690002	124.879997	120.300003	123.650002
123.650002					

## 3312	2010-07-14	123.029999	123.750000	121.470001	123.300003
		123.300003			
## 3313	2010-07-15	120.129997	122.480003	119.260002	122.059998
		122.059998			
## 3314	2010-07-16	121.279999	121.919998	118.010002	118.489998
		118.489998			
## 3315	2010-07-19	118.379997	120.739998	117.000000	119.940002
		119.940002			
## 3316	2010-07-20	120.610001	120.709999	117.510002	120.099998
		120.099998			
## 3317	2010-07-21	120.620003	121.250000	117.260002	117.430000
		117.430000			
## 3318	2010-07-22	118.709999	120.870003	118.019997	120.070000
		120.070000			
## 3319	2010-07-23	105.930000	119.279999	105.800003	118.870003
		118.870003			
## 3320	2010-07-26	118.260002	118.599998	114.879997	118.400002
		118.400002			
## 3321	2010-07-27	118.430000	118.500000	115.070000	117.129997
		117.129997			
## 3322	2010-07-28	117.000000	118.199997	116.400002	117.129997
		117.129997			
## 3323	2010-07-29	117.989998	118.870003	115.519997	116.860001
		116.860001			
## 3324	2010-07-30	115.529999	118.739998	114.510002	117.889999
		117.889999			
## 3325	2010-08-02	119.150002	120.379997	117.570000	120.070000
		120.070000			
## 3326	2010-08-03	120.000000	122.870003	119.680000	122.419998
		122.419998			
## 3327	2010-08-04	123.059998	128.470001	123.000000	127.580002
		127.580002			
## 3328	2010-08-05	126.769997	128.000000	125.820000	127.830002
		127.830002			
## 3329	2010-08-06	126.720001	128.399994	125.900002	128.320007
		128.320007			
## 3330	2010-08-09	128.460007	129.929993	127.849998	128.830002
		128.830002			
## 3331	2010-08-10	127.949997	130.000000	127.379997	130.000000
		130.000000			
## 3332	2010-08-11	128.100006	128.119995	125.199997	125.889999
		125.889999			
## 3333	2010-08-12	123.760002	127.000000	123.550003	126.559998
		126.559998			
## 3334	2010-08-13	126.059998	127.480003	124.260002	124.690002
		124.690002			
## 3335	2010-08-16	123.610001	127.370003	123.040001	126.070000
		126.070000			
## 3336	2010-08-17	127.339996	129.979996	126.790001	128.860001
		128.860001			

## 3337	2010-08-18	129.250000	130.809998	128.259995	129.649994
129.649994					
## 3338	2010-08-19	129.220001	130.020004	126.820000	127.570000
127.570000					
## 3339	2010-08-20	127.199997	128.039993	126.019997	127.760002
127.760002					
## 3340	2010-08-23	127.860001	129.220001	126.500000	126.599998
126.599998					
## 3341	2010-08-24	125.410004	125.440002	123.180000	124.529999
124.529999					
## 3342	2010-08-25	123.849998	127.370003	123.830002	126.849998
126.849998					
## 3343	2010-08-26	127.150002	127.589996	124.820000	124.860001
124.860001					
## 3344	2010-08-27	125.459999	126.639999	122.250000	126.639999
126.639999					
## 3345	2010-08-30	126.029999	126.949997	123.690002	123.790001
123.790001					
## 3346	2010-08-31	122.849998	125.900002	122.500000	124.830002
124.830002					
## 3347	2010-09-01	126.360001	132.600006	126.169998	132.490005
132.490005					
## 3348	2010-09-02	132.169998	135.210007	132.050003	135.210007
135.210007					
## 3349	2010-09-03	136.889999	139.500000	136.630005	138.789993
138.789993					
## 3350	2010-09-07	137.559998	138.600006	136.889999	137.220001
137.220001					
## 3351	2010-09-08	137.929993	139.699997	136.449997	139.139999
139.139999					
## 3352	2010-09-09	140.389999	141.369995	139.259995	140.380005
140.380005					
## 3353	2010-09-10	140.750000	142.600006	140.039993	142.440002
142.440002					
## 3354	2010-09-13	144.070007	145.740005	143.759995	145.070007
145.070007					
## 3355	2010-09-14	144.500000	146.699997	143.830002	145.750000
145.750000					
## 3356	2010-09-15	144.880005	145.619995	143.559998	145.449997
145.449997					
## 3357	2010-09-16	145.399994	148.229996	145.160004	148.130005
148.130005					
## 3358	2010-09-17	148.899994	148.979996	146.500000	148.320007
148.320007					
## 3359	2010-09-20	148.699997	151.949997	147.350006	151.300003
151.300003					
## 3360	2010-09-21	150.759995	153.309998	149.600006	150.729996
150.729996					
## 3361	2010-09-22	149.839996	152.699997	149.100006	151.830002
151.830002					

## 3362	2010-09-23	151.199997	155.919998	150.970001	152.850006
		152.850006			
## 3363	2010-09-24	155.429993	160.889999	155.419998	160.729996
		160.729996			
## 3364	2010-09-27	160.220001	161.199997	157.880005	159.369995
		159.369995			
## 3365	2010-09-28	159.839996	160.880005	154.889999	159.699997
		159.699997			
## 3366	2010-09-29	159.029999	161.779999	157.750000	158.990005
		158.990005			
## 3367	2010-09-30	160.009995	160.929993	155.600006	157.059998
		157.059998			
## 3368	2010-10-01	157.080002	157.440002	152.199997	153.710007
		153.710007			
## 3369	2010-10-04	153.949997	155.960007	152.789993	155.389999
		155.389999			
## 3370	2010-10-05	157.080002	161.210007	157.009995	160.869995
		160.869995			
## 3371	2010-10-06	160.600006	160.679993	154.600006	155.399994
		155.399994			
## 3372	2010-10-07	156.509995	157.399994	153.389999	156.270004
		156.270004			
## 3373	2010-10-08	155.179993	156.279999	152.779999	155.550003
		155.550003			
## 3374	2010-10-11	154.889999	156.630005	152.339996	153.029999
		153.029999			
## 3375	2010-10-12	152.509995	156.949997	151.399994	156.479996
		156.479996			
## 3376	2010-10-13	156.690002	156.789993	153.850006	155.169998
		155.169998			
## 3377	2010-10-14	155.160004	156.949997	154.229996	155.529999
		155.529999			
## 3378	2010-10-15	158.419998	164.880005	156.750000	164.639999
		164.639999			
## 3379	2010-10-18	165.000000	165.190002	161.820007	163.559998
		163.559998			
## 3380	2010-10-19	160.679993	162.800003	157.000000	158.669998
		158.669998			
## 3381	2010-10-20	158.779999	159.869995	156.570007	158.669998
		158.669998			
## 3382	2010-10-21	162.669998	166.130005	161.289993	164.970001
		164.970001			
## 3383	2010-10-22	162.449997	170.169998	162.270004	169.130005
		169.130005			
## 3384	2010-10-25	171.570007	171.990005	168.320007	169.000000
		169.000000			
## 3385	2010-10-26	167.570007	171.000000	167.500000	169.949997
		169.949997			
## 3386	2010-10-27	168.910004	169.750000	166.539993	167.509995
		167.509995			

## 3387	2010-10-28	168.309998	168.490005	165.050003	166.839996
166.839996					
## 3388	2010-10-29	165.800003	168.500000	164.809998	165.229996
165.229996					
## 3389	2010-11-01	164.449997	164.580002	161.520004	162.580002
162.580002					
## 3390	2010-11-02	163.750000	165.940002	163.360001	164.610001
164.610001					
## 3391	2010-11-03	165.399994	168.610001	162.289993	168.470001
168.470001					
## 3392	2010-11-04	169.860001	172.529999	168.399994	168.929993
168.929993					
## 3393	2010-11-05	169.350006	171.649994	168.589996	170.770004
170.770004					
## 3394	2010-11-08	170.839996	173.199997	168.779999	171.990005
171.990005					
## 3395	2010-11-09	172.669998	173.139999	169.059998	170.270004
170.270004					
## 3396	2010-11-10	170.589996	173.369995	169.410004	173.330002
173.330002					
## 3397	2010-11-11	171.000000	172.050003	169.419998	170.369995
170.369995					
## 3398	2010-11-12	170.119995	171.259995	165.050003	165.679993
165.679993					
## 3399	2010-11-15	165.160004	165.350006	158.559998	158.899994
158.899994					
## 3400	2010-11-16	158.740005	160.910004	156.770004	157.779999
157.779999					
## 3401	2010-11-17	157.839996	160.850006	157.550003	158.350006
158.350006					
## 3402	2010-11-18	160.740005	165.000000	160.740005	164.169998
164.169998					
## 3403	2010-11-19	163.949997	164.990005	162.839996	164.820007
164.820007					
## 3404	2010-11-22	165.100006	170.600006	165.000000	170.389999
170.389999					
## 3405	2010-11-23	168.610001	168.809998	164.619995	168.199997
168.199997					
## 3406	2010-11-24	171.529999	177.889999	171.529999	177.250000
177.250000					
## 3407	2010-11-26	177.360001	178.380005	176.160004	177.199997
177.199997					
## 3408	2010-11-29	179.990005	181.839996	177.570007	179.490005
179.490005					
## 3409	2010-11-30	176.949997	177.699997	174.899994	175.399994
175.399994					
## 3410	2010-12-01	179.160004	179.320007	176.000000	176.550003
176.550003					
## 3411	2010-12-02	176.860001	177.449997	173.919998	176.529999
176.529999					

## 3412	2010-12-03	175.500000	176.399994	174.050003	175.679993
175.679993					
## 3413	2010-12-06	175.520004	178.429993	174.600006	178.050003
178.050003					
## 3414	2010-12-07	180.500000	181.470001	176.570007	176.770004
176.770004					
## 3415	2010-12-08	177.490005	178.160004	175.199997	176.289993
176.289993					
## 3416	2010-12-09	177.770004	178.110001	173.800003	174.850006
174.850006					
## 3417	2010-12-10	174.880005	175.949997	173.360001	175.619995
175.619995					
## 3418	2010-12-13	176.330002	177.940002	173.729996	174.250000
174.250000					
## 3419	2010-12-14	174.279999	175.759995	173.089996	173.940002
173.940002					
## 3420	2010-12-15	173.720001	179.000000	173.589996	175.570007
175.570007					
## 3421	2010-12-16	175.580002	178.300003	175.039993	178.039993
178.039993					
## 3422	2010-12-17	178.410004	178.750000	177.020004	177.580002
177.580002					
## 3423	2010-12-20	179.270004	183.979996	178.039993	183.289993
183.289993					
## 3424	2010-12-21	183.880005	185.649994	182.600006	184.750000
184.750000					
## 3425	2010-12-22	185.000000	185.449997	184.110001	184.759995
184.759995					
## 3426	2010-12-23	184.339996	184.979996	181.889999	182.589996
182.589996					
## 3427	2010-12-27	181.899994	183.139999	180.449997	182.139999
182.139999					
## 3428	2010-12-28	182.100006	182.770004	181.050003	181.089996
181.089996					
## 3429	2010-12-29	181.800003	184.350006	180.410004	183.369995
183.369995					
## 3430	2010-12-30	183.919998	184.550003	182.750000	182.750000
182.750000					
## 3431	2010-12-31	181.960007	182.300003	179.509995	180.000000
180.000000					
## 3432	2011-01-03	181.369995	186.000000	181.210007	184.220001
184.220001					
## 3433	2011-01-04	186.149994	187.699997	183.779999	185.009995
185.009995					
## 3434	2011-01-05	184.100006	187.449997	184.070007	187.419998
187.419998					
## 3435	2011-01-06	186.500000	187.410004	185.250000	185.860001
185.860001					
## 3436	2011-01-07	187.880005	188.449997	183.740005	185.490005
185.490005					

## 3437	2011-01-10	185.039993	185.289993	182.509995	184.679993
		184.679993			
## 3438	2011-01-11	185.419998	186.000000	183.210007	184.339996
		184.339996			
## 3439	2011-01-12	185.360001	185.380005	183.300003	184.080002
		184.080002			
## 3440	2011-01-13	183.600006	186.449997	183.509995	185.529999
		185.529999			
## 3441	2011-01-14	185.500000	188.940002	184.919998	188.750000
		188.750000			
## 3442	2011-01-18	188.660004	191.600006	188.250000	191.250000
		191.250000			
## 3443	2011-01-19	190.899994	191.000000	186.210007	186.869995
		186.869995			
## 3444	2011-01-20	185.289993	186.850006	181.000000	181.960007
		181.960007			
## 3445	2011-01-21	183.000000	183.250000	176.839996	177.419998
		177.419998			
## 3446	2011-01-24	177.949997	178.490005	174.149994	176.850006
		176.850006			
## 3447	2011-01-25	175.500000	176.750000	174.279999	176.699997
		176.699997			
## 3448	2011-01-26	177.509995	177.889999	174.630005	175.389999
		175.389999			
## 3449	2011-01-27	177.479996	185.000000	177.309998	184.449997
		184.449997			
## 3450	2011-01-28	171.449997	173.710007	166.899994	171.139999
		171.139999			
## 3451	2011-01-31	170.160004	171.440002	167.410004	169.639999
		169.639999			
## 3452	2011-02-01	170.520004	173.100006	169.509995	172.110001
		172.110001			
## 3453	2011-02-02	171.419998	175.199997	170.869995	173.529999
		173.529999			
## 3454	2011-02-03	173.500000	174.669998	171.949997	173.710007
		173.710007			
## 3455	2011-02-04	174.000000	177.190002	173.750000	175.929993
		175.929993			
## 3456	2011-02-07	176.149994	177.550003	174.770004	176.429993
		176.429993			
## 3457	2011-02-08	176.660004	183.110001	176.589996	183.059998
		183.059998			
## 3458	2011-02-09	183.149994	186.470001	182.259995	185.300003
		185.300003			
## 3459	2011-02-10	184.389999	187.240005	183.600006	186.210007
		186.210007			
## 3460	2011-02-11	185.559998	189.500000	185.369995	189.250000
		189.250000			
## 3461	2011-02-14	189.250000	191.399994	188.350006	190.419998
		190.419998			

## 3462	2011-02-15	188.729996	190.490005	188.250000	189.029999
		189.029999			
## 3463	2011-02-16	189.770004	190.000000	186.350006	186.619995
		186.619995			
## 3464	2011-02-17	185.770004	189.089996	185.309998	187.759995
		187.759995			
## 3465	2011-02-18	187.539993	188.500000	185.130005	186.500000
		186.500000			
## 3466	2011-02-22	183.679993	184.720001	179.320007	180.419998
		180.419998			
## 3467	2011-02-23	180.250000	181.149994	174.389999	176.679993
		176.679993			
## 3468	2011-02-24	176.860001	179.750000	174.559998	177.750000
		177.750000			
## 3469	2011-02-25	178.949997	180.750000	177.100006	177.240005
		177.240005			
## 3470	2011-02-28	173.910004	175.889999	172.149994	173.289993
		173.289993			
## 3471	2011-03-01	173.529999	173.960007	168.669998	169.440002
		169.440002			
## 3472	2011-03-02	169.089996	173.300003	168.350006	172.020004
		172.020004			
## 3473	2011-03-03	173.710007	174.460007	172.050003	172.789993
		172.789993			
## 3474	2011-03-04	172.619995	172.750000	169.509995	171.669998
		171.669998			
## 3475	2011-03-07	171.919998	172.089996	166.240005	169.080002
		169.080002			
## 3476	2011-03-08	169.389999	169.710007	166.720001	166.889999
		166.889999			
## 3477	2011-03-09	166.669998	169.750000	163.899994	169.050003
		169.050003			
## 3478	2011-03-10	167.070007	168.470001	164.820007	166.139999
		166.139999			
## 3479	2011-03-11	165.500000	169.199997	164.119995	168.070007
		168.070007			
## 3480	2011-03-14	166.600006	168.080002	164.570007	166.729996
		166.729996			
## 3481	2011-03-15	161.389999	166.880005	160.759995	165.080002
		165.080002			
## 3482	2011-03-16	164.699997	168.139999	162.869995	164.699997
		164.699997			
## 3483	2011-03-17	165.910004	166.300003	160.779999	160.970001
		160.970001			
## 3484	2011-03-18	161.190002	163.539993	160.589996	161.820007
		161.820007			
## 3485	2011-03-21	163.369995	165.789993	161.720001	164.520004
		164.520004			
## 3486	2011-03-22	164.070007	164.440002	162.250000	162.600006
		162.600006			

## 3487	2011-03-23	162.30003	166.25995	160.82007	165.32007
		165.32007			
## 3488	2011-03-24	168.21007	172.00000	167.36001	171.10006
	171.10006				
## 3489	2011-03-25	171.63999	173.49005	170.30003	170.97996
	170.97996				
## 3490	2011-03-28	171.80003	172.50000	169.25000	169.35006
	169.35006				
## 3491	2011-03-29	170.72996	174.83996	170.07007	174.61995
	174.61995				
## 3492	2011-03-30	177.77999	181.16004	177.66004	179.41998
	179.41998				
## 3493	2011-03-31	179.30998	181.57007	178.50000	180.13005
	180.13005				
## 3494	2011-04-01	181.58002	183.25000	178.58996	180.13005
	180.13005				
## 3495	2011-04-04	180.88999	183.61001	180.69002	182.94002
	182.94002				
## 3496	2011-04-05	182.10006	186.36001	181.80003	185.28993
	185.28993				
## 3497	2011-04-06	186.14994	188.27004	181.11995	182.75995
	182.75995				
## 3498	2011-04-07	182.77999	185.16998	181.75995	184.91004
	184.91004				
## 3499	2011-04-08	185.25995	186.22001	182.77999	184.71007
	184.71007				
## 3500	2011-04-11	184.86001	186.49005	181.85006	184.03993
	184.03993				
## 3501	2011-04-12	183.05998	184.58996	179.41998	180.47996
	180.47996				
## 3502	2011-04-13	180.83002	182.88005	179.80003	182.28993
	182.28993				
## 3503	2011-04-14	181.38999	182.08002	179.36001	181.82007
	181.82007				
## 3504	2011-04-15	181.00000	181.77999	179.02004	180.00995
	180.00995				
## 3505	2011-04-18	178.38005	178.91004	175.36995	178.33996
	178.33996				
## 3506	2011-04-19	178.35006	179.47001	176.60006	178.82007
	178.82007				
## 3507	2011-04-20	181.61995	185.00000	181.58996	183.86995
	183.86995				
## 3508	2011-04-21	184.55998	185.97001	183.05003	185.88999
	185.88999				
## 3509	2011-04-25	185.64994	186.35006	183.77004	185.41998
	185.41998				
## 3510	2011-04-26	186.27004	186.41998	180.74005	182.30003
	182.30003				
## 3511	2011-04-27	183.19997	197.80003	182.75000	196.63005
	196.63005				

## 3512	2011-04-28	195.960007	196.789993	192.270004	195.070007
195.070007					
## 3513	2011-04-29	194.380005	196.589996	193.779999	195.809998
195.809998					
## 3514	2011-05-02	196.570007	203.419998	196.179993	201.190002
201.190002					
## 3515	2011-05-03	201.000000	202.589996	196.690002	198.449997
198.449997					
## 3516	2011-05-04	198.250000	201.860001	195.369995	199.970001
199.970001					
## 3517	2011-05-05	198.660004	201.000000	196.119995	197.110001
197.110001					
## 3518	2011-05-06	199.100006	199.559998	196.559998	197.600006
197.600006					
## 3519	2011-05-09	198.339996	202.360001	196.779999	200.800003
200.800003					
## 3520	2011-05-10	201.940002	205.289993	201.559998	203.940002
203.940002					
## 3521	2011-05-11	203.119995	205.500000	202.250000	204.380005
204.380005					
## 3522	2011-05-12	204.220001	206.190002	200.619995	206.070007
206.070007					
## 3523	2011-05-13	205.699997	206.389999	202.360001	202.559998
202.559998					
## 3524	2011-05-16	200.539993	200.899994	191.369995	192.509995
192.509995					
## 3525	2011-05-17	191.820007	195.979996	191.759995	194.809998
194.809998					
## 3526	2011-05-18	194.130005	198.279999	193.250000	197.089996
197.089996					
## 3527	2011-05-19	198.330002	199.949997	197.550003	198.800003
198.800003					
## 3528	2011-05-20	197.949997	199.800003	197.240005	198.649994
198.649994					
## 3529	2011-05-23	195.559998	197.289993	192.020004	196.220001
196.220001					
## 3530	2011-05-24	197.000000	197.000000	193.000000	193.270004
193.270004					
## 3531	2011-05-25	193.570007	194.350006	191.139999	192.259995
192.259995					
## 3532	2011-05-26	191.240005	196.449997	190.880005	195.000000
195.000000					
## 3533	2011-05-27	194.759995	196.119995	193.500000	194.130005
194.130005					
## 3534	2011-05-31	195.940002	198.440002	195.029999	196.690002
196.690002					
## 3535	2011-06-01	196.059998	197.259995	192.050003	192.399994
192.399994					
## 3536	2011-06-02	192.279999	194.440002	190.559998	193.649994
193.649994					

## 3537	2011-06-03	191.229996	193.210007	187.619995	188.320007
		188.320007			
## 3538	2011-06-06	188.009995	189.850006	185.179993	185.690002
		185.690002			
## 3539	2011-06-07	185.720001	190.630005	185.520004	187.550003
		187.550003			
## 3540	2011-06-08	187.449997	189.809998	186.320007	188.050003
		188.050003			
## 3541	2011-06-09	189.740005	191.759995	185.710007	189.679993
		189.679993			
## 3542	2011-06-10	189.250000	190.770004	186.279999	186.529999
		186.529999			
## 3543	2011-06-13	186.809998	189.309998	184.860001	186.289993
		186.289993			
## 3544	2011-06-14	188.990005	190.720001	187.070007	189.960007
		189.960007			
## 3545	2011-06-15	188.039993	192.449997	185.300003	185.979996
		185.979996			
## 3546	2011-06-16	185.740005	187.000000	181.589996	183.649994
		183.649994			
## 3547	2011-06-17	186.509995	187.389999	184.639999	186.369995
		186.369995			
## 3548	2011-06-20	185.960007	188.850006	185.570007	187.720001
		187.720001			
## 3549	2011-06-21	188.300003	195.000000	187.119995	194.229996
		194.229996			
## 3550	2011-06-22	193.960007	195.199997	191.320007	191.630005
		191.630005			
## 3551	2011-06-23	189.500000	194.460007	188.300003	194.160004
		194.160004			
## 3552	2011-06-24	193.880005	194.919998	191.350006	192.550003
		192.550003			
## 3553	2011-06-27	194.500000	202.580002	194.029999	201.250000
		201.250000			
## 3554	2011-06-28	201.919998	202.880005	200.600006	202.350006
		202.350006			
## 3555	2011-06-29	202.669998	206.250000	201.029999	204.179993
		204.179993			
## 3556	2011-06-30	200.779999	205.199997	200.500000	204.490005
		204.490005			
## 3557	2011-07-01	205.550003	210.270004	203.610001	209.490005
		209.490005			
## 3558	2011-07-05	208.759995	214.449997	208.729996	213.190002
		213.190002			
## 3559	2011-07-06	212.119995	214.399994	211.009995	214.190002
		214.190002			
## 3560	2011-07-07	215.089996	217.800003	215.089996	216.740005
		216.740005			
## 3561	2011-07-08	214.300003	218.320007	213.250000	218.279999
		218.279999			

## 3562	2011-07-11	216.740005	217.500000	211.000000	212.550003
		212.550003			
## 3563	2011-07-12	214.639999	215.649994	211.119995	211.229996
		211.229996			
## 3564	2011-07-13	214.699997	216.830002	212.139999	213.500000
		213.500000			
## 3565	2011-07-14	213.580002	215.910004	209.380005	210.380005
		210.380005			
## 3566	2011-07-15	213.080002	214.529999	209.289993	212.869995
		212.869995			
## 3567	2011-07-18	212.529999	213.389999	208.289993	211.529999
		211.529999			
## 3568	2011-07-19	213.770004	218.399994	213.770004	218.059998
		218.059998			
## 3569	2011-07-20	220.050003	220.199997	214.410004	215.550003
		215.550003			
## 3570	2011-07-21	216.740005	217.089996	211.070007	213.210007
		213.210007			
## 3571	2011-07-22	213.860001	217.949997	211.110001	216.520004
		216.520004			
## 3572	2011-07-25	215.490005	216.080002	213.000000	213.490005
		213.490005			
## 3573	2011-07-26	214.990005	215.600006	210.350006	214.179993
		214.179993			
## 3574	2011-07-27	224.389999	227.199997	219.619995	222.520004
		222.520004			
## 3575	2011-07-28	223.270004	225.949997	220.229996	223.899994
		223.899994			
## 3576	2011-07-29	221.289993	225.750000	219.509995	222.520004
		222.520004			
## 3577	2011-08-01	225.000000	227.449997	217.660004	221.320007
		221.320007			
## 3578	2011-08-02	220.320007	222.429993	211.300003	211.699997
		211.699997			
## 3579	2011-08-03	212.970001	214.830002	205.539993	209.960007
		209.960007			
## 3580	2011-08-04	206.729996	208.000000	201.449997	201.479996
		201.479996			
## 3581	2011-08-05	204.669998	207.320007	194.839996	202.699997
		202.699997			
## 3582	2011-08-08	196.399994	200.389999	190.050003	193.699997
		193.699997			
## 3583	2011-08-09	196.699997	205.089996	190.460007	205.089996
		205.089996			
## 3584	2011-08-10	200.759995	202.399994	193.600006	194.130005
		194.130005			
## 3585	2011-08-11	197.009995	200.850006	191.360001	198.360001
		198.360001			
## 3586	2011-08-12	200.279999	204.559998	197.210007	202.300003
		202.300003			

## 3587	2011-08-15	202.059998	205.279999	198.320007	202.949997
202.949997					
## 3588	2011-08-16	201.139999	201.389999	194.750000	197.679993
197.679993					
## 3589	2011-08-17	198.529999	199.600006	193.740005	195.929993
195.929993					
## 3590	2011-08-18	191.210007	191.339996	179.720001	182.520004
182.520004					
## 3591	2011-08-19	180.289993	190.000000	177.550003	178.929993
178.929993					
## 3592	2011-08-22	182.830002	184.199997	177.100006	177.539993
177.539993					
## 3593	2011-08-23	178.919998	194.839996	178.520004	193.550003
193.550003					
## 3594	2011-08-24	193.889999	196.309998	190.169998	193.729996
193.729996					
## 3595	2011-08-25	194.410004	196.990005	191.070007	192.029999
192.029999					
## 3596	2011-08-26	191.240005	199.720001	189.600006	199.270004
199.270004					
## 3597	2011-08-29	202.820007	206.669998	202.550003	206.529999
206.529999					
## 3598	2011-08-30	205.779999	212.490005	204.320007	210.919998
210.919998					
## 3599	2011-08-31	212.270004	216.169998	211.350006	215.229996
215.229996					
## 3600	2011-09-01	215.279999	217.639999	211.619995	212.539993
212.539993					
## 3601	2011-09-02	208.940002	210.690002	207.000000	210.000000
210.000000					
## 3602	2011-09-06	204.770004	216.600006	204.470001	216.179993
216.179993					
## 3603	2011-09-07	218.800003	220.190002	214.220001	219.899994
219.899994					
## 3604	2011-09-08	218.300003	220.639999	216.339996	217.259995
217.259995					
## 3605	2011-09-09	215.050003	216.960007	209.750000	211.389999
211.389999					
## 3606	2011-09-12	208.750000	216.660004	208.649994	216.559998
216.559998					
## 3607	2011-09-13	217.789993	219.949997	215.009995	219.529999
219.529999					
## 3608	2011-09-14	220.220001	224.990005	216.720001	222.570007
222.570007					
## 3609	2011-09-15	223.990005	227.199997	221.250000	226.779999
226.779999					
## 3610	2011-09-16	227.570007	240.440002	226.740005	239.300003
239.300003					
## 3611	2011-09-19	237.110001	244.000000	232.880005	241.690002
241.690002					

## 3612	2011-09-20	240.800003	241.050003	231.029999	233.250000
		233.250000			
## 3613	2011-09-21	234.509995	240.520004	231.809998	231.869995
		231.869995			
## 3614	2011-09-22	224.720001	228.789993	219.000000	223.229996
		223.229996			
## 3615	2011-09-23	220.509995	224.490005	219.059998	223.610001
		223.610001			
## 3616	2011-09-26	227.479996	230.240005	221.399994	229.850006
		229.850006			
## 3617	2011-09-27	234.220001	234.750000	222.399994	224.210007
		224.210007			
## 3618	2011-09-28	226.350006	235.809998	225.600006	229.710007
		229.710007			
## 3619	2011-09-29	234.169998	234.300003	216.289993	222.440002
		222.440002			
## 3620	2011-09-30	218.190002	223.000000	215.210007	216.229996
		216.229996			
## 3621	2011-10-03	217.009995	221.600006	211.389999	211.979996
		211.979996			
## 3622	2011-10-04	209.619995	215.000000	200.429993	212.500000
		212.500000			
## 3623	2011-10-05	212.529999	220.169998	208.479996	219.500000
		219.500000			
## 3624	2011-10-06	220.279999	223.619995	217.550003	221.509995
		221.509995			
## 3625	2011-10-07	222.479996	227.899994	218.410004	224.740005
		224.740005			
## 3626	2011-10-10	226.229996	232.800003	224.100006	231.320007
		231.320007			
## 3627	2011-10-11	230.600006	236.750000	229.000000	235.479996
		235.479996			
## 3628	2011-10-12	236.639999	241.839996	234.330002	236.809998
		236.809998			
## 3629	2011-10-13	237.000000	239.679993	235.229996	236.149994
		236.149994			
## 3630	2011-10-14	240.869995	246.710007	240.179993	246.710007
		246.710007			
## 3631	2011-10-17	244.289993	246.710007	240.669998	242.330002
		242.330002			
## 3632	2011-10-18	242.309998	244.610001	236.619995	243.880005
		243.880005			
## 3633	2011-10-19	240.669998	243.330002	229.250000	231.529999
		231.529999			
## 3634	2011-10-20	232.130005	234.740005	229.800003	233.610001
		233.610001			
## 3635	2011-10-21	236.910004	237.000000	230.600006	234.779999
		234.779999			
## 3636	2011-10-24	236.020004	240.470001	234.000000	237.610001
		237.610001			

## 3637	2011-10-25	238.589996	239.009995	225.889999	227.149994
		227.149994			
## 3638	2011-10-26	203.690002	207.580002	196.509995	198.399994
		198.399994			
## 3639	2011-10-27	204.259995	208.600006	201.100006	206.779999
		206.779999			
## 3640	2011-10-28	206.529999	218.399994	205.750000	217.320007
		217.320007			
## 3641	2011-10-31	215.789993	218.889999	213.039993	213.509995
		213.509995			
## 3642	2011-11-01	208.110001	216.210007	207.429993	212.100006
		212.100006			
## 3643	2011-11-02	215.550003	216.789993	212.720001	215.619995
		215.619995			
## 3644	2011-11-03	216.300003	218.500000	213.020004	218.289993
		218.289993			
## 3645	2011-11-04	217.649994	218.229996	214.330002	216.479996
		216.479996			
## 3646	2011-11-07	216.839996	220.199997	214.000000	217.000000
		217.000000			
## 3647	2011-11-08	219.199997	219.350006	215.210007	217.990005
		217.990005			
## 3648	2011-11-09	214.949997	215.699997	210.600006	211.220001
		211.220001			
## 3649	2011-11-10	213.500000	214.059998	208.100006	210.789993
		210.789993			
## 3650	2011-11-11	212.520004	217.880005	210.309998	217.389999
		217.389999			
## 3651	2011-11-14	215.649994	222.350006	214.250000	218.929993
		218.929993			
## 3652	2011-11-15	218.000000	220.330002	214.259995	217.830002
		217.830002			
## 3653	2011-11-16	216.270004	216.970001	211.229996	211.990005
		211.990005			
## 3654	2011-11-17	212.509995	212.899994	202.100006	204.520004
		204.520004			
## 3655	2011-11-18	205.330002	205.339996	197.110001	197.139999
		197.139999			
## 3656	2011-11-21	193.289993	193.360001	185.050003	189.250000
		189.250000			
## 3657	2011-11-22	186.949997	194.039993	183.580002	192.339996
		192.339996			
## 3658	2011-11-23	193.059998	194.600006	187.889999	188.990005
		188.990005			
## 3659	2011-11-25	190.410004	190.830002	181.509995	182.399994
		182.399994			
## 3660	2011-11-28	191.649994	194.619995	190.539993	194.149994
		194.149994			
## 3661	2011-11-29	194.779999	195.500000	187.300003	188.389999
		188.389999			

## 3662	2011-11-30	194.759995	195.300003	188.750000	192.289993
		192.289993			
## 3663	2011-12-01	191.850006	198.070007	191.589996	197.130005
		197.130005			
## 3664	2011-12-02	197.070007	199.660004	195.179993	196.029999
		196.029999			
## 3665	2011-12-05	198.860001	199.000000	193.669998	196.240005
		196.240005			
## 3666	2011-12-06	195.979996	198.320007	190.110001	191.990005
		191.990005			
## 3667	2011-12-07	191.029999	196.710007	189.119995	195.320007
		195.320007			
## 3668	2011-12-08	193.570007	195.889999	190.080002	190.479996
		190.479996			
## 3669	2011-12-09	191.210007	193.949997	188.399994	193.029999
		193.029999			
## 3670	2011-12-12	190.029999	191.149994	187.630005	189.520004
		189.520004			
## 3671	2011-12-13	188.559998	189.679993	178.500000	180.509995
		180.509995			
## 3672	2011-12-14	179.000000	180.750000	170.250000	180.210007
		180.210007			
## 3673	2011-12-15	182.050003	184.800003	179.529999	181.259995
		181.259995			
## 3674	2011-12-16	182.419998	184.410004	180.309998	181.259995
		181.259995			
## 3675	2011-12-19	182.000000	183.169998	179.000000	179.330002
		179.330002			
## 3676	2011-12-20	182.690002	183.169998	180.539993	182.520004
		182.520004			
## 3677	2011-12-21	181.919998	183.500000	172.490005	174.350006
		174.350006			
## 3678	2011-12-22	175.089996	179.669998	174.210007	179.029999
		179.029999			
## 3679	2011-12-23	179.220001	179.679993	175.600006	177.279999
		177.279999			
## 3680	2011-12-27	177.729996	178.589996	176.160004	176.270004
		176.270004			
## 3681	2011-12-28	176.389999	176.649994	172.279999	173.889999
		173.889999			
## 3682	2011-12-29	169.619995	174.550003	166.970001	173.860001
		173.860001			
## 3683	2011-12-30	173.360001	175.169998	172.490005	173.100006
		173.100006			
## 3684	2012-01-03	175.889999	179.479996	175.550003	179.029999
		179.029999			
## 3685	2012-01-04	179.210007	180.500000	176.070007	177.509995
		177.509995			
## 3686	2012-01-05	175.940002	178.250000	174.050003	177.610001
		177.610001			

## 3687	2012-01-06	178.070007	184.649994	177.500000	182.610001
182.610001					
## 3688	2012-01-09	182.759995	184.369995	177.000000	178.559998
178.559998					
## 3689	2012-01-10	181.100006	182.399994	177.100006	179.339996
179.339996					
## 3690	2012-01-11	179.639999	180.770004	178.190002	178.899994
178.899994					
## 3691	2012-01-12	179.419998	179.490005	175.750000	175.929993
175.929993					
## 3692	2012-01-13	175.809998	178.800003	173.500000	178.419998
178.419998					
## 3693	2012-01-17	180.149994	183.300003	178.509995	181.660004
181.660004					
## 3694	2012-01-18	181.940002	190.250000	181.119995	189.440002
189.440002					
## 3695	2012-01-19	190.880005	195.940002	190.360001	194.449997
194.449997					
## 3696	2012-01-20	190.710007	192.899994	189.039993	190.929993
190.929993					
## 3697	2012-01-23	190.789993	191.729996	185.229996	186.089996
186.089996					
## 3698	2012-01-24	185.000000	188.410004	183.820007	187.000000
187.000000					
## 3699	2012-01-25	186.990005	188.169998	184.610001	187.800003
187.800003					
## 3700	2012-01-26	189.300003	194.850006	188.729996	193.320007
193.320007					
## 3701	2012-01-27	193.089996	196.500000	192.330002	195.369995
195.369995					
## 3702	2012-01-30	193.679993	195.000000	190.130005	192.149994
192.149994					
## 3703	2012-01-31	194.000000	195.630005	189.699997	194.440002
194.440002					
## 3704	2012-02-01	173.809998	179.949997	172.000000	179.460007
179.460007					
## 3705	2012-02-02	179.649994	181.940002	176.800003	181.720001
181.720001					
## 3706	2012-02-03	182.830002	187.899994	181.889999	187.679993
187.679993					
## 3707	2012-02-06	186.279999	186.559998	182.919998	183.139999
183.139999					
## 3708	2012-02-07	182.649994	184.940002	182.059998	184.190002
184.190002					
## 3709	2012-02-08	184.949997	186.490005	182.910004	185.479996
185.479996					
## 3710	2012-02-09	184.500000	185.690002	181.759995	184.979996
184.979996					
## 3711	2012-02-10	183.419998	187.630005	182.520004	185.539993
185.539993					

## 3712	2012-02-13	187.169998	192.500000	185.679993	191.589996
191.589996					
## 3713	2012-02-14	191.080002	193.570007	186.100006	191.300003
191.300003					
## 3714	2012-02-15	191.289993	191.539993	183.259995	184.470001
184.470001					
## 3715	2012-02-16	177.789993	181.679993	175.139999	179.929993
179.929993					
## 3716	2012-02-17	180.089996	183.410004	179.360001	182.500000
182.500000					
## 3717	2012-02-21	182.649994	184.750000	180.580002	182.259995
182.259995					
## 3718	2012-02-22	181.949997	182.990005	180.289993	180.580002
180.580002					
## 3719	2012-02-23	179.639999	180.750000	176.960007	178.889999
178.889999					
## 3720	2012-02-24	179.699997	180.740005	178.369995	179.130005
179.130005					
## 3721	2012-02-27	177.539993	179.190002	176.500000	178.529999
178.529999					
## 3722	2012-02-28	178.899994	184.289993	177.949997	183.800003
183.800003					
## 3723	2012-02-29	183.889999	184.000000	179.009995	179.690002
179.690002					
## 3724	2012-03-01	179.889999	180.490005	176.580002	180.039993
180.039993					
## 3725	2012-03-02	179.479996	181.839996	178.919998	179.300003
179.300003					
## 3726	2012-03-05	179.000000	181.820007	178.179993	180.259995
180.259995					
## 3727	2012-03-06	178.679993	183.500000	178.039993	181.089996
181.089996					
## 3728	2012-03-07	182.649994	185.500000	182.399994	183.770004
183.770004					
## 3729	2012-03-08	184.169998	188.380005	183.800003	187.639999
187.639999					
## 3730	2012-03-09	186.789993	187.199997	183.440002	184.320007
184.320007					
## 3731	2012-03-12	184.130005	185.399994	182.199997	183.389999
183.389999					
## 3732	2012-03-13	183.919998	184.869995	180.770004	184.589996
184.589996					
## 3733	2012-03-14	183.649994	184.320007	181.139999	182.259995
182.259995					
## 3734	2012-03-15	182.020004	184.429993	180.300003	184.429993
184.429993					
## 3735	2012-03-16	183.279999	185.679993	182.350006	185.050003
185.050003					
## 3736	2012-03-19	183.449997	186.679993	183.000000	185.520004
185.520004					

## 3737	2012-03-20	184.880005	194.410004	182.880005	192.330002
		192.330002			
## 3738	2012-03-21	192.500000	194.279999	191.259995	191.729996
		191.729996			
## 3739	2012-03-22	190.539993	194.059998	190.259995	192.399994
		192.399994			
## 3740	2012-03-23	192.009995	196.199997	191.800003	195.039993
		195.039993			
## 3741	2012-03-26	196.479996	202.970001	195.500000	202.869995
		202.869995			
## 3742	2012-03-27	203.589996	209.850006	202.880005	205.440002
		205.440002			
## 3743	2012-03-28	206.139999	207.000000	200.309998	201.160004
		201.160004			
## 3744	2012-03-29	201.279999	205.309998	200.630005	204.610001
		204.610001			
## 3745	2012-03-30	205.020004	206.850006	201.869995	202.509995
		202.509995			
## 3746	2012-04-02	198.020004	199.899994	197.000000	198.050003
		198.050003			
## 3747	2012-04-03	198.240005	202.389999	197.500000	199.660004
		199.660004			
## 3748	2012-04-04	196.949997	197.679993	192.360001	193.990005
		193.990005			
## 3749	2012-04-05	193.550003	196.029999	193.550003	194.389999
		194.389999			
## 3750	2012-04-09	192.020004	194.199997	190.500000	191.869995
		191.869995			
## 3751	2012-04-10	192.750000	193.520004	186.570007	186.979996
		186.979996			
## 3752	2012-04-11	189.630005	191.970001	186.789993	187.970001
		187.970001			
## 3753	2012-04-12	188.059998	192.259995	185.610001	190.690002
		190.690002			
## 3754	2012-04-13	189.899994	189.940002	186.259995	188.460007
		188.460007			
## 3755	2012-04-16	189.009995	189.470001	183.649994	185.500000
		185.500000			
## 3756	2012-04-17	187.210007	190.039993	186.869995	188.389999
		188.389999			
## 3757	2012-04-18	188.820007	193.449997	188.740005	191.070007
		191.070007			
## 3758	2012-04-19	192.929993	194.550003	189.750000	191.100006
		191.100006			
## 3759	2012-04-20	192.339996	193.479996	189.800003	189.979996
		189.979996			
## 3760	2012-04-23	188.990005	188.990005	185.509995	188.240005
		188.240005			
## 3761	2012-04-24	188.679993	190.699997	186.509995	190.330002
		190.330002			

## 3762	2012-04-25	191.669998	194.800003	191.600006	194.419998
		194.419998			
## 3763	2012-04-26	193.570007	196.360001	193.020004	195.990005
		195.990005			
## 3764	2012-04-27	224.830002	228.690002	220.220001	226.850006
		226.850006			
## 3765	2012-04-30	223.949997	233.839996	223.050003	231.899994
		231.899994			
## 3766	2012-05-01	229.399994	232.970001	228.399994	230.039993
		230.039993			
## 3767	2012-05-02	227.820007	231.440002	227.399994	230.250000
		230.250000			
## 3768	2012-05-03	229.740005	232.529999	228.029999	229.449997
		229.449997			
## 3769	2012-05-04	227.800003	229.720001	223.740005	223.990005
		223.990005			
## 3770	2012-05-07	222.360001	226.869995	222.289993	225.160004
		225.160004			
## 3771	2012-05-08	223.149994	225.389999	218.199997	223.899994
		223.899994			
## 3772	2012-05-09	220.589996	225.779999	220.160004	222.979996
		222.979996			
## 3773	2012-05-10	223.910004	229.080002	221.949997	226.690002
		226.690002			
## 3774	2012-05-11	225.949997	230.679993	225.729996	227.679993
		227.679993			
## 3775	2012-05-14	225.600006	227.289993	222.509995	222.929993
		222.929993			
## 3776	2012-05-15	226.500000	230.610001	223.000000	224.389999
		224.389999			
## 3777	2012-05-16	225.000000	228.000000	222.500000	224.059998
		224.059998			
## 3778	2012-05-17	225.050003	226.000000	218.089996	218.360001
		218.360001			
## 3779	2012-05-18	219.410004	219.630005	212.809998	213.850006
		213.850006			
## 3780	2012-05-21	214.029999	219.979996	212.820007	218.110001
		218.110001			
## 3781	2012-05-22	218.309998	218.869995	213.960007	215.330002
		215.330002			
## 3782	2012-05-23	214.710007	217.550003	211.179993	217.279999
		217.279999			
## 3783	2012-05-24	216.979996	217.660004	212.699997	215.240005
		215.240005			
## 3784	2012-05-25	214.990005	215.979996	212.220001	212.889999
		212.889999			
## 3785	2012-05-29	214.300003	216.550003	212.289993	214.750000
		214.750000			
## 3786	2012-05-30	212.139999	212.979996	207.750000	209.229996
		209.229996			

## 3787	2012-05-31	209.479996	213.789993	207.110001	212.910004
		212.910004			
## 3788	2012-06-01	208.440002	211.229996	207.300003	208.220001
		208.220001			
## 3789	2012-06-04	207.399994	215.350006	206.369995	214.570007
		214.570007			
## 3790	2012-06-05	213.850006	216.860001	211.160004	213.210007
		213.210007			
## 3791	2012-06-06	214.630005	218.399994	214.520004	217.639999
		217.639999			
## 3792	2012-06-07	219.649994	221.490005	218.110001	218.800003
		218.800003			
## 3793	2012-06-08	218.610001	219.419998	216.660004	218.479996
		218.479996			
## 3794	2012-06-11	217.490005	220.869995	215.199997	216.500000
		216.500000			
## 3795	2012-06-12	217.649994	218.000000	214.520004	216.419998
		216.419998			
## 3796	2012-06-13	215.520004	217.380005	213.520004	214.729996
		214.729996			
## 3797	2012-06-14	215.259995	216.500000	212.559998	214.449997
		214.449997			
## 3798	2012-06-15	215.289993	219.330002	214.460007	218.350006
		218.350006			
## 3799	2012-06-18	217.279999	223.759995	216.729996	222.660004
		222.660004			
## 3800	2012-06-19	223.259995	225.199997	221.660004	224.029999
		224.029999			
## 3801	2012-06-20	224.509995	224.740005	220.839996	223.020004
		223.020004			
## 3802	2012-06-21	223.839996	226.029999	220.520004	220.570007
		220.570007			
## 3803	2012-06-22	221.830002	222.509995	219.350006	222.160004
		222.160004			
## 3804	2012-06-25	220.300003	221.589996	218.000000	220.070007
		220.070007			
## 3805	2012-06-26	221.449997	226.389999	221.449997	225.610001
		225.610001			
## 3806	2012-06-27	225.009995	227.500000	223.300003	225.619995
		225.619995			
## 3807	2012-06-28	223.919998	224.619995	218.750000	221.309998
		221.309998			
## 3808	2012-06-29	224.699997	228.350006	223.710007	228.350006
		228.350006			
## 3809	2012-07-02	229.300003	229.339996	226.339996	229.320007
		229.320007			
## 3810	2012-07-03	229.139999	229.529999	227.589996	229.529999
		229.529999			
## 3811	2012-07-05	228.619995	230.500000	226.529999	227.059998
		227.059998			

## 3812	2012-07-06	226.350006	228.899994	224.179993	225.050003
		225.050003			
## 3813	2012-07-09	225.000000	226.000000	223.449997	225.050003
		225.050003			
## 3814	2012-07-10	226.250000	227.139999	218.279999	219.500000
		219.500000			
## 3815	2012-07-11	218.949997	221.740005	215.339996	218.369995
		218.369995			
## 3816	2012-07-12	216.610001	217.300003	212.610001	215.360001
		215.360001			
## 3817	2012-07-13	215.630005	219.309998	213.880005	218.389999
		218.389999			
## 3818	2012-07-16	216.600006	218.309998	214.460007	216.009995
		216.009995			
## 3819	2012-07-17	217.449997	217.940002	213.960007	216.929993
		216.929993			
## 3820	2012-07-18	216.149994	218.669998	215.710007	217.470001
		217.470001			
## 3821	2012-07-19	220.729996	227.500000	220.690002	226.169998
		226.169998			
## 3822	2012-07-20	225.360001	229.389999	225.289993	228.289993
		228.289993			
## 3823	2012-07-23	224.720001	226.580002	221.539993	226.009995
		226.009995			
## 3824	2012-07-24	226.270004	226.610001	221.229996	223.039993
		223.039993			
## 3825	2012-07-25	222.000000	222.500000	215.910004	217.050003
		217.050003			
## 3826	2012-07-26	220.000000	221.449997	214.949997	220.009995
		220.009995			
## 3827	2012-07-27	225.250000	238.339996	224.500000	237.320007
		237.320007			
## 3828	2012-07-30	237.000000	240.740005	234.070007	236.089996
		236.089996			
## 3829	2012-07-31	235.100006	236.300003	231.610001	233.300003
		233.300003			
## 3830	2012-08-01	234.139999	234.380005	230.699997	232.089996
		232.089996			
## 3831	2012-08-02	230.559998	234.339996	228.660004	230.809998
		230.809998			
## 3832	2012-08-03	234.029999	236.490005	233.029999	234.970001
		234.970001			
## 3833	2012-08-06	235.559998	235.740005	233.809998	233.990005
		233.990005			
## 3834	2012-08-07	234.130005	238.000000	233.250000	236.559998
		236.559998			
## 3835	2012-08-08	235.289993	236.449997	233.589996	234.380005
		234.380005			
## 3836	2012-08-09	233.929993	235.990005	233.500000	234.059998
		234.059998			

## 3837	2012-08-10	233.080002	234.850006	231.429993	232.750000
		232.750000			
## 3838	2012-08-13	232.229996	234.369995	231.000000	232.440002
		232.440002			
## 3839	2012-08-14	234.710007	236.720001	232.619995	233.190002
		233.190002			
## 3840	2012-08-15	232.259995	238.139999	232.250000	237.419998
		237.419998			
## 3841	2012-08-16	237.720001	242.820007	236.199997	241.550003
		241.550003			
## 3842	2012-08-17	240.600006	243.350006	240.470001	241.169998
		241.169998			
## 3843	2012-08-20	241.369995	241.649994	238.199997	240.350006
		240.350006			
## 3844	2012-08-21	240.880005	243.850006	238.550003	239.449997
		239.449997			
## 3845	2012-08-22	239.399994	244.899994	238.800003	243.100006
		243.100006			
## 3846	2012-08-23	242.139999	243.479996	239.020004	241.199997
		241.199997			
## 3847	2012-08-24	241.679993	246.869995	241.360001	245.740005
		245.740005			
## 3848	2012-08-27	245.789993	247.500000	243.119995	243.919998
		243.919998			
## 3849	2012-08-28	243.970001	246.779999	243.000000	246.110001
		246.110001			
## 3850	2012-08-29	246.779999	247.610001	244.589996	247.119995
		247.119995			
## 3851	2012-08-30	246.990005	250.000000	245.250000	246.220001
		246.220001			
## 3852	2012-08-31	248.070007	249.449997	245.500000	248.270004
		248.270004			
## 3853	2012-09-04	248.270004	251.000000	244.660004	247.880005
		247.880005			
## 3854	2012-09-05	247.610001	248.610001	245.300003	246.220001
		246.220001			
## 3855	2012-09-06	248.229996	252.699997	247.199997	251.380005
		251.380005			
## 3856	2012-09-07	253.850006	259.420013	253.520004	259.140015
		259.140015			
## 3857	2012-09-10	259.000000	260.000000	256.820007	257.089996
		257.089996			
## 3858	2012-09-11	257.600006	257.600006	254.259995	255.669998
		255.669998			
## 3859	2012-09-12	256.500000	257.779999	253.500000	255.630005
		255.630005			
## 3860	2012-09-13	254.940002	262.000000	253.800003	260.239990
		260.239990			
## 3861	2012-09-14	261.399994	264.109985	259.769989	261.269989
		261.269989			

## 3862	2012-09-17	261.250000	261.250000	257.000000	258.000000
		258.000000			
## 3863	2012-09-18	258.480011	260.500000	257.000000	258.750000
		258.750000			
## 3864	2012-09-19	259.450012	262.839996	258.529999	261.679993
		261.679993			
## 3865	2012-09-20	260.029999	260.869995	258.000000	260.809998
		260.809998			
## 3866	2012-09-21	261.739990	262.000000	256.739990	257.470001
		257.470001			
## 3867	2012-09-24	255.220001	255.600006	253.000000	254.800003
		254.800003			
## 3868	2012-09-25	256.329987	258.950012	251.029999	252.460007
		252.460007			
## 3869	2012-09-26	252.399994	254.610001	248.229996	249.669998
		249.669998			
## 3870	2012-09-27	250.539993	257.399994	250.520004	256.589996
		256.589996			
## 3871	2012-09-28	256.140015	257.000000	253.199997	254.320007
		254.320007			
## 3872	2012-10-01	255.399994	256.160004	250.490005	252.009995
		252.009995			
## 3873	2012-10-02	252.800003	253.149994	249.029999	250.600006
		250.600006			
## 3874	2012-10-03	251.210007	256.100006	249.559998	255.919998
		255.919998			
## 3875	2012-10-04	256.010010	261.519989	255.869995	260.470001
		260.470001			
## 3876	2012-10-05	261.200012	261.899994	257.489990	258.510010
		258.510010			
## 3877	2012-10-08	257.670013	259.799988	255.559998	259.059998
		259.059998			
## 3878	2012-10-09	258.670013	259.350006	250.729996	250.960007
		250.960007			
## 3879	2012-10-10	252.000000	252.460007	244.009995	244.990005
		244.990005			
## 3880	2012-10-11	248.000000	249.300003	241.889999	244.220001
		244.220001			
## 3881	2012-10-12	243.179993	245.460007	241.910004	242.360001
		242.360001			
## 3882	2012-10-15	242.850006	244.779999	238.509995	244.179993
		244.179993			
## 3883	2012-10-16	244.869995	245.770004	242.080002	243.940002
		243.940002			
## 3884	2012-10-17	243.369995	248.800003	243.300003	247.490005
		247.490005			
## 3885	2012-10-18	247.770004	250.910004	242.699997	244.850006
		244.850006			
## 3886	2012-10-19	245.160004	246.820007	238.940002	240.000000
		240.000000			

## 3887	2012-10-22	238.809998	238.949997	232.320007	233.779999
233.779999					
## 3888	2012-10-23	231.050003	236.500000	230.009995	234.309998
234.309998					
## 3889	2012-10-24	235.880005	235.940002	227.949997	228.490005
228.490005					
## 3890	2012-10-25	230.919998	230.919998	222.919998	222.919998
222.919998					
## 3891	2012-10-26	228.600006	238.710007	226.690002	238.240005
238.240005					
## 3892	2012-10-31	236.320007	238.699997	230.500000	232.889999
232.889999					
## 3893	2012-11-01	234.229996	234.550003	231.339996	232.139999
232.139999					
## 3894	2012-11-02	234.009995	237.399994	232.110001	232.419998
232.419998					
## 3895	2012-11-05	232.039993	234.830002	230.110001	234.330002
234.330002					
## 3896	2012-11-06	235.410004	237.750000	234.449997	237.559998
237.559998					
## 3897	2012-11-07	235.649994	235.660004	229.419998	232.059998
232.059998					
## 3898	2012-11-08	232.220001	233.449997	227.100006	227.350006
227.350006					
## 3899	2012-11-09	226.259995	230.970001	224.600006	226.309998
226.309998					
## 3900	2012-11-12	226.589996	229.220001	225.410004	226.470001
226.470001					
## 3901	2012-11-13	225.119995	227.899994	224.710007	226.600006
226.600006					
## 3902	2012-11-14	226.500000	227.410004	222.509995	222.949997
222.949997					
## 3903	2012-11-15	222.300003	225.160004	218.179993	220.600006
220.600006					
## 3904	2012-11-16	221.309998	226.250000	218.639999	225.229996
225.229996					
## 3905	2012-11-19	228.320007	232.500000	227.449997	229.710007
229.710007					
## 3906	2012-11-20	230.000000	233.820007	229.500000	233.779999
233.779999					
## 3907	2012-11-21	233.839996	238.669998	232.750000	238.029999
238.029999					
## 3908	2012-11-23	239.889999	240.000000	236.479996	239.880005
239.880005					
## 3909	2012-11-26	240.389999	244.320007	238.000000	243.619995
243.619995					
## 3910	2012-11-27	243.220001	245.669998	241.539993	243.399994
243.399994					
## 3911	2012-11-28	242.449997	247.229996	241.500000	247.110001
247.110001					

## 3912	2012-11-29	248.050003	252.479996	247.500000	251.270004
		251.270004			
## 3913	2012-11-30	250.380005	252.649994	248.270004	252.050003
		252.050003			
## 3914	2012-12-03	252.539993	254.160004	250.000000	250.330002
		250.330002			
## 3915	2012-12-04	249.940002	253.000000	248.660004	252.490005
		252.490005			
## 3916	2012-12-05	252.440002	255.550003	250.380005	253.960007
		253.960007			
## 3917	2012-12-06	253.000000	255.169998	251.509995	253.369995
		253.369995			
## 3918	2012-12-07	254.139999	255.210007	252.009995	253.270004
		253.270004			
## 3919	2012-12-10	253.100006	254.779999	247.300003	247.770004
		247.770004			
## 3920	2012-12-11	248.500000	253.479996	246.649994	250.690002
		250.690002			
## 3921	2012-12-12	251.070007	254.360001	250.059998	251.759995
		251.759995			
## 3922	2012-12-13	251.110001	254.539993	250.020004	251.250000
		251.250000			
## 3923	2012-12-14	250.110001	251.899994	247.789993	249.190002
		249.190002			
## 3924	2012-12-17	249.809998	254.000000	249.259995	253.860001
		253.860001			
## 3925	2012-12-18	254.570007	263.109985	254.570007	260.399994
		260.399994			
## 3926	2012-12-19	261.299988	261.670013	257.679993	257.989990
		257.989990			
## 3927	2012-12-20	258.359985	262.410004	256.540009	261.500000
		261.500000			
## 3928	2012-12-21	257.820007	258.380005	255.740005	256.920013
		256.920013			
## 3929	2012-12-24	257.299988	259.500000	256.959991	258.619995
		258.619995			
## 3930	2012-12-26	257.149994	257.420013	248.039993	248.630005
		248.630005			
## 3931	2012-12-27	248.279999	249.350006	242.860001	248.309998
		248.309998			
## 3932	2012-12-28	245.850006	247.440002	245.050003	245.179993
		245.179993			
## 3933	2012-12-31	243.750000	252.410004	242.750000	250.869995
		250.869995			
## 3934	2013-01-02	256.079987	258.100006	253.259995	257.309998
		257.309998			
## 3935	2013-01-03	257.269989	260.880005	256.369995	258.480011
		258.480011			
## 3936	2013-01-04	257.579987	259.799988	256.649994	259.149994
		259.149994			

## 3937	2013-01-07	262.970001	269.730011	262.670013	268.459991
		268.459991			
## 3938	2013-01-08	267.070007	268.980011	263.570007	266.380005
		266.380005			
## 3939	2013-01-09	268.170013	269.500000	265.399994	266.350006
		266.350006			
## 3940	2013-01-10	268.540009	268.739990	262.299988	265.339996
		265.339996			
## 3941	2013-01-11	265.100006	268.429993	264.109985	267.940002
		267.940002			
## 3942	2013-01-14	268.000000	274.260010	267.540009	272.730011
		272.730011			
## 3943	2013-01-15	270.679993	272.730011	269.299988	271.899994
		271.899994			
## 3944	2013-01-16	270.529999	271.239990	267.829987	268.929993
		268.929993			
## 3945	2013-01-17	271.500000	271.970001	269.209991	270.480011
		270.480011			
## 3946	2013-01-18	270.829987	274.500000	269.600006	272.119995
		272.119995			
## 3947	2013-01-22	271.619995	272.100006	269.230011	270.190002
		270.190002			
## 3948	2013-01-23	270.570007	271.089996	266.649994	268.109985
		268.109985			
## 3949	2013-01-24	269.369995	276.649994	269.369995	273.459991
		273.459991			
## 3950	2013-01-25	275.000000	284.720001	274.399994	283.989990
		283.989990			
## 3951	2013-01-28	283.779999	284.480011	274.399994	276.040009
		276.040009			
## 3952	2013-01-29	275.350006	275.459991	258.350006	260.350006
		260.350006			
## 3953	2013-01-30	283.000000	284.200012	267.109985	272.760010
		272.760010			
## 3954	2013-01-31	271.040009	275.940002	263.700012	265.500000
		265.500000			
## 3955	2013-02-01	268.929993	268.929993	262.799988	265.000000
		265.000000			
## 3956	2013-02-04	262.779999	264.679993	259.070007	259.980011
		259.980011			
## 3957	2013-02-05	262.000000	268.029999	261.459991	266.890015
		266.890015			
## 3958	2013-02-06	265.160004	266.890015	261.109985	262.220001
		262.220001			
## 3959	2013-02-07	264.100006	264.100006	255.110001	260.230011
		260.230011			
## 3960	2013-02-08	261.399994	265.250000	260.549988	261.950012
		261.950012			
## 3961	2013-02-11	263.200012	263.250000	256.600006	257.209991
		257.209991			

## 3962	2013-02-12	259.190002	260.160004	257.000000	258.700012
		258.700012			
## 3963	2013-02-13	261.529999	269.959991	260.299988	269.470001
		269.470001			
## 3964	2013-02-14	267.369995	270.649994	265.399994	269.239990
		269.239990			
## 3965	2013-02-15	267.630005	268.920013	263.109985	265.089996
		265.089996			
## 3966	2013-02-19	265.910004	270.109985	264.500000	269.750000
		269.750000			
## 3967	2013-02-20	270.200012	274.299988	266.369995	266.410004
		266.410004			
## 3968	2013-02-21	265.119995	269.480011	263.250000	265.940002
		265.940002			
## 3969	2013-02-22	266.619995	267.109985	261.609985	265.420013
		265.420013			
## 3970	2013-02-25	266.940002	268.690002	259.649994	259.869995
		259.869995			
## 3971	2013-02-26	260.890015	262.040009	255.729996	259.359985
		259.359985			
## 3972	2013-02-27	259.399994	265.829987	256.859985	263.250000
		263.250000			
## 3973	2013-02-28	261.809998	267.000000	260.630005	264.269989
		264.269989			
## 3974	2013-03-01	263.269989	266.600006	261.040009	265.739990
		265.739990			
## 3975	2013-03-04	265.359985	273.299988	264.140015	273.109985
		273.109985			
## 3976	2013-03-05	274.000000	276.679993	269.989990	275.589996
		275.589996			
## 3977	2013-03-06	275.760010	276.489990	271.829987	273.790009
		273.790009			
## 3978	2013-03-07	274.100006	274.799988	271.850006	273.880005
		273.880005			
## 3979	2013-03-08	275.000000	275.440002	271.500000	274.190002
		274.190002			
## 3980	2013-03-11	273.429993	273.989990	270.399994	271.239990
		271.239990			
## 3981	2013-03-12	271.000000	277.399994	270.359985	274.130005
		274.130005			
## 3982	2013-03-13	275.239990	276.500000	272.640015	275.100006
		275.100006			
## 3983	2013-03-14	269.670013	270.000000	263.529999	265.739990
		265.739990			
## 3984	2013-03-15	264.980011	267.260010	260.049988	261.820007
		261.820007			
## 3985	2013-03-18	259.299988	261.489990	257.119995	257.890015
		257.890015			
## 3986	2013-03-19	258.399994	259.500000	252.619995	256.410004
		256.410004			

## 3987	2013-03-20	258.049988	259.760010	254.550003	257.279999
		257.279999			
## 3988	2013-03-21	256.109985	257.000000	252.679993	253.389999
		253.389999			
## 3989	2013-03-22	254.550003	257.769989	252.070007	257.750000
		257.750000			
## 3990	2013-03-25	258.579987	259.429993	254.500000	256.019989
		256.019989			
## 3991	2013-03-26	257.049988	261.480011	256.279999	260.309998
		260.309998			
## 3992	2013-03-27	258.750000	265.929993	257.899994	265.299988
		265.299988			
## 3993	2013-03-28	265.820007	267.380005	264.059998	266.489990
		266.489990			
## 3994	2013-04-01	266.980011	267.399994	261.010010	261.609985
		261.609985			
## 3995	2013-04-02	262.399994	265.890015	260.549988	263.320007
		263.320007			
## 3996	2013-04-03	262.119995	263.670013	257.750000	259.029999
		259.029999			
## 3997	2013-04-04	259.230011	260.410004	256.119995	259.079987
		259.079987			
## 3998	2013-04-05	255.720001	256.179993	253.669998	255.479996
		255.479996			
## 3999	2013-04-08	255.919998	259.679993	255.630005	258.950012
		258.950012			
## 4000	2013-04-09	258.850006	262.609985	257.000000	261.140015
		261.140015			
## 4001	2013-04-10	261.779999	265.980011	259.320007	264.769989
		264.769989			
## 4002	2013-04-11	264.739990	270.970001	264.739990	269.850006
		269.850006			
## 4003	2013-04-12	270.119995	273.269989	267.019989	272.869995
		272.869995			
## 4004	2013-04-15	271.079987	275.119995	267.100006	267.720001
		267.720001			
## 4005	2013-04-16	269.309998	272.799988	268.059998	272.339996
		272.339996			
## 4006	2013-04-17	270.799988	270.850006	264.250000	267.399994
		267.399994			
## 4007	2013-04-18	266.809998	266.989990	256.600006	259.420013
		259.420013			
## 4008	2013-04-19	258.160004	262.880005	257.500000	260.320007
		260.320007			
## 4009	2013-04-22	259.350006	264.600006	258.029999	263.549988
		263.549988			
## 4010	2013-04-23	264.500000	269.869995	264.500000	268.899994
		268.899994			
## 4011	2013-04-24	269.500000	271.470001	266.809998	268.779999
		268.779999			

## 4012	2013-04-25	271.529999	275.799988	270.500000	274.700012
		274.700012			
## 4013	2013-04-26	269.970001	272.019989	252.809998	254.809998
		254.809998			
## 4014	2013-04-29	254.899994	257.010010	249.149994	249.740005
		249.740005			
## 4015	2013-04-30	249.369995	254.679993	248.559998	253.809998
		253.809998			
## 4016	2013-05-01	253.899994	254.199997	245.750000	248.229996
		248.229996			
## 4017	2013-05-02	248.940002	252.929993	245.779999	252.550003
		252.550003			
## 4018	2013-05-03	256.140015	259.250000	254.699997	258.049988
		258.049988			
## 4019	2013-05-06	258.089996	259.500000	253.419998	255.720001
		255.720001			
## 4020	2013-05-07	256.309998	259.739990	252.910004	257.730011
		257.730011			
## 4021	2013-05-08	256.869995	260.299988	255.330002	258.679993
		258.679993			
## 4022	2013-05-09	258.730011	263.549988	256.880005	260.160004
		260.160004			
## 4023	2013-05-10	260.880005	263.649994	260.209991	263.630005
		263.630005			
## 4024	2013-05-13	262.769989	265.880005	262.000000	264.510010
		264.510010			
## 4025	2013-05-14	264.500000	269.399994	264.029999	268.329987
		268.329987			
## 4026	2013-05-15	267.070007	269.049988	264.559998	266.559998
		266.559998			
## 4027	2013-05-16	265.959991	268.429993	263.850006	264.119995
		264.119995			
## 4028	2013-05-17	265.829987	269.980011	265.000000	269.899994
		269.899994			
## 4029	2013-05-20	269.000000	271.790009	266.500000	267.630005
		267.630005			
## 4030	2013-05-21	268.739990	270.769989	267.660004	268.859985
		268.859985			
## 4031	2013-05-22	267.390015	267.589996	260.799988	262.959991
		262.959991			
## 4032	2013-05-23	260.489990	263.170013	259.589996	261.799988
		261.799988			
## 4033	2013-05-24	259.850006	261.929993	258.339996	261.739990
		261.739990			
## 4034	2013-05-28	266.480011	271.100006	266.000000	267.290009
		267.290009			
## 4035	2013-05-29	265.459991	268.250000	264.839996	265.529999
		265.529999			
## 4036	2013-05-30	265.709991	268.570007	265.609985	266.829987
		266.829987			

## 4037	2013-05-31	266.000000	271.910004	265.940002	269.200012
		269.200012			
## 4038	2013-06-03	268.959991	269.109985	262.950012	266.880005
		266.880005			
## 4039	2013-06-04	267.000000	268.880005	263.019989	265.700012
		265.700012			
## 4040	2013-06-05	265.809998	271.660004	265.019989	267.170013
		267.170013			
## 4041	2013-06-06	267.750000	270.500000	264.209991	267.829987
		267.829987			
## 4042	2013-06-07	269.739990	280.100006	269.130005	276.869995
		276.869995			
## 4043	2013-06-10	276.679993	282.470001	275.239990	281.070007
		281.070007			
## 4044	2013-06-11	276.000000	278.410004	274.239990	274.779999
		274.779999			
## 4045	2013-06-12	276.600006	276.799988	270.450012	271.670013
		271.670013			
## 4046	2013-06-13	271.500000	276.799988	270.290009	275.790009
		275.790009			
## 4047	2013-06-14	275.000000	277.070007	273.440002	273.989990
		273.989990			
## 4048	2013-06-17	276.350006	280.200012	275.649994	278.059998
		278.059998			
## 4049	2013-06-18	279.079987	282.910004	278.109985	281.760010
		281.760010			
## 4050	2013-06-19	281.260010	283.339996	277.869995	278.160004
		278.160004			
## 4051	2013-06-20	275.140015	278.600006	272.390015	273.440002
		273.440002			
## 4052	2013-06-21	274.570007	275.839996	269.790009	273.359985
		273.359985			
## 4053	2013-06-24	271.290009	273.160004	265.000000	270.609985
		270.609985			
## 4054	2013-06-25	272.299988	273.470001	269.000000	272.089996
		272.089996			
## 4055	2013-06-26	273.980011	277.980011	273.500000	277.570007
		277.570007			
## 4056	2013-06-27	279.179993	280.200012	274.540009	277.549988
		277.549988			
## 4057	2013-06-28	276.190002	279.829987	276.190002	277.690002
		277.690002			
## 4058	2013-07-01	279.000000	283.290009	277.160004	282.100006
		282.100006			
## 4059	2013-07-02	281.040009	286.579987	280.589996	283.730011
		283.730011			
## 4060	2013-07-03	282.000000	285.399994	282.000000	284.029999
		284.029999			
## 4061	2013-07-05	285.000000	286.380005	282.070007	285.880005
		285.880005			

## 4062	2013-07-08	286.420013	291.670013	286.140015	290.589996
290.589996					
## 4063	2013-07-09	291.000000	292.570007	288.010010	291.529999
291.529999					
## 4064	2013-07-10	291.410004	293.339996	289.399994	292.329987
292.329987					
## 4065	2013-07-11	294.989990	300.690002	292.100006	299.660004
299.660004					
## 4066	2013-07-12	298.690002	307.549988	298.500000	307.549988
307.549988					
## 4067	2013-07-15	307.269989	307.989990	304.350006	306.570007
306.570007					
## 4068	2013-07-16	307.299988	309.390015	305.510010	306.869995
306.869995					
## 4069	2013-07-17	306.970001	308.799988	305.690002	308.690002
308.690002					
## 4070	2013-07-18	306.269989	306.339996	301.869995	304.109985
304.109985					
## 4071	2013-07-19	304.390015	305.790009	301.910004	305.230011
305.230011					
## 4072	2013-07-22	309.250000	309.250000	302.000000	303.480011
303.480011					
## 4073	2013-07-23	303.160004	305.059998	300.559998	301.059998
301.059998					
## 4074	2013-07-24	303.019989	303.839996	298.040009	298.940002
298.940002					
## 4075	2013-07-25	299.000000	304.500000	296.750000	303.399994
303.399994					
## 4076	2013-07-26	299.549988	313.619995	295.549988	312.010010
312.010010					
## 4077	2013-07-29	311.070007	313.000000	305.899994	306.100006
306.100006					
## 4078	2013-07-30	307.720001	309.779999	301.570007	302.410004
302.410004					
## 4079	2013-07-31	303.910004	305.149994	301.000000	301.220001
301.220001					
## 4080	2013-08-01	303.079987	306.209991	298.899994	305.570007
305.570007					
## 4081	2013-08-02	304.630005	305.329987	301.500000	304.209991
304.209991					
## 4082	2013-08-05	303.399994	303.619995	298.299988	300.989990
300.989990					
## 4083	2013-08-06	300.510010	301.359985	297.519989	300.750000
300.750000					
## 4084	2013-08-07	300.149994	300.989990	296.149994	296.910004
296.910004					
## 4085	2013-08-08	298.519989	298.519989	292.549988	295.739990
295.739990					
## 4086	2013-08-09	295.679993	299.269989	294.299988	297.260010
297.260010					

## 4087	2013-08-12	295.790009	299.079987	295.260010	296.690002
		296.690002			
## 4088	2013-08-13	295.880005	296.369995	290.670013	293.970001
		293.970001			
## 4089	2013-08-14	294.290009	294.290009	290.540009	291.339996
		291.339996			
## 4090	2013-08-15	288.790009	289.299988	285.149994	286.470001
		286.470001			
## 4091	2013-08-16	286.549988	288.329987	284.500000	284.820007
		284.820007			
## 4092	2013-08-19	285.190002	289.559998	283.480011	285.570007
		285.570007			
## 4093	2013-08-20	285.880005	289.510010	285.739990	287.089996
		287.089996			
## 4094	2013-08-21	285.089996	288.500000	283.829987	284.570007
		284.570007			
## 4095	2013-08-22	284.799988	289.869995	284.799988	289.730011
		289.730011			
## 4096	2013-08-23	291.209991	291.500000	287.899994	290.010010
		290.010010			
## 4097	2013-08-26	290.429993	291.049988	285.619995	286.209991
		286.209991			
## 4098	2013-08-27	283.869995	285.279999	279.739990	280.929993
		280.929993			
## 4099	2013-08-28	280.359985	283.000000	279.329987	281.579987
		281.579987			
## 4100	2013-08-29	281.450012	285.980011	280.000000	283.980011
		283.980011			
## 4101	2013-08-30	284.589996	284.869995	280.000000	280.980011
		280.980011			
## 4102	2013-09-03	284.730011	291.390015	284.170013	288.799988
		288.799988			
## 4103	2013-09-04	288.329987	295.230011	287.579987	293.640015
		293.640015			
## 4104	2013-09-05	293.630005	297.000000	292.709991	294.100006
		294.100006			
## 4105	2013-09-06	295.329987	298.880005	290.799988	295.859985
		295.859985			
## 4106	2013-09-09	297.220001	299.959991	296.600006	299.709991
		299.709991			
## 4107	2013-09-10	300.549988	301.000000	297.220001	300.359985
		300.359985			
## 4108	2013-09-11	298.910004	301.859985	297.839996	299.640015
		299.640015			
## 4109	2013-09-12	299.390015	302.000000	297.660004	298.859985
		298.859985			
## 4110	2013-09-13	300.140015	300.220001	296.200012	297.920013
		297.920013			
## 4111	2013-09-16	299.820007	301.000000	295.260010	296.059998
		296.059998			

## 4112	2013-09-17	297.630005	304.649994	296.010010	304.170013
304.170013					
## 4113	2013-09-18	304.059998	312.739990	302.910004	312.029999
312.029999					
## 4114	2013-09-19	313.769989	314.540009	311.040009	312.059998
312.059998					
## 4115	2013-09-20	312.540009	320.570007	312.410004	316.339996
316.339996					
## 4116	2013-09-23	314.010010	315.899994	308.769989	311.489990
311.489990					
## 4117	2013-09-24	312.429993	318.079987	311.279999	314.130005
314.130005					
## 4118	2013-09-25	314.529999	316.709991	310.750000	312.649994
312.649994					
## 4119	2013-09-26	313.899994	319.369995	313.260010	318.119995
318.119995					
## 4120	2013-09-27	316.920013	317.209991	313.350006	316.010010
316.010010					
## 4121	2013-09-30	313.410004	315.309998	311.059998	312.640015
312.640015					
## 4122	2013-10-01	314.220001	321.000000	313.649994	320.950012
320.950012					
## 4123	2013-10-02	318.040009	321.730011	317.519989	320.510010
320.510010					
## 4124	2013-10-03	320.390015	322.920013	313.019989	314.760010
314.760010					
## 4125	2013-10-04	315.130005	319.200012	312.619995	319.040009
319.040009					
## 4126	2013-10-07	315.239990	315.339996	309.739990	310.029999
310.029999					
## 4127	2013-10-08	311.500000	311.549988	300.269989	303.230011
303.230011					
## 4128	2013-10-09	303.420013	303.500000	296.500000	298.230011
298.230011					
## 4129	2013-10-10	304.630005	306.700012	302.589996	305.170013
305.170013					
## 4130	2013-10-11	304.769989	310.929993	303.839996	310.890015
310.890015					
## 4131	2013-10-14	309.220001	311.649994	307.000000	310.700012
310.700012					
## 4132	2013-10-15	309.869995	310.790009	305.260010	306.399994
306.399994					
## 4133	2013-10-16	308.380005	310.799988	305.549988	310.489990
310.489990					
## 4134	2013-10-17	307.070007	311.000000	305.239990	310.769989
310.769989					
## 4135	2013-10-18	319.359985	331.890015	316.750000	328.929993
328.929993					
## 4136	2013-10-21	329.890015	330.000000	323.799988	326.440002
326.440002					

## 4137	2013-10-22	327.720001	337.109985	325.679993	332.540009
		332.540009			
## 4138	2013-10-23	330.839996	331.720001	324.059998	326.760010
		326.760010			
## 4139	2013-10-24	329.630005	332.649994	326.750000	332.209991
		332.209991			
## 4140	2013-10-25	358.600006	368.399994	352.619995	363.390015
		363.390015			
## 4141	2013-10-28	359.920013	362.750000	357.200012	358.160004
		358.160004			
## 4142	2013-10-29	358.959991	362.890015	356.290009	362.700012
		362.700012			
## 4143	2013-10-30	362.619995	365.000000	358.649994	361.079987
		361.079987			
## 4144	2013-10-31	361.730011	366.000000	359.000000	364.029999
		364.029999			
## 4145	2013-11-01	365.630005	365.769989	356.100006	359.000000
		359.000000			
## 4146	2013-11-04	360.119995	361.000000	354.399994	358.739990
		358.739990			
## 4147	2013-11-05	356.779999	360.170013	354.839996	358.890015
		358.890015			
## 4148	2013-11-06	360.450012	362.869995	354.500000	356.179993
		356.179993			
## 4149	2013-11-07	355.859985	357.899994	341.880005	343.559998
		343.559998			
## 4150	2013-11-08	345.950012	351.049988	344.040009	350.309998
		350.309998			
## 4151	2013-11-11	350.589996	355.369995	348.059998	354.380005
		354.380005			
## 4152	2013-11-12	352.989990	355.480011	347.279999	349.529999
		349.529999			
## 4153	2013-11-13	347.399994	356.220001	345.679993	356.220001
		356.220001			
## 4154	2013-11-14	357.390015	368.940002	356.429993	367.399994
		367.399994			
## 4155	2013-11-15	367.630005	372.899994	365.549988	369.170013
		369.170013			
## 4156	2013-11-18	370.279999	373.489990	364.670013	366.179993
		366.179993			
## 4157	2013-11-19	365.820007	368.779999	362.500000	364.940002
		364.940002			
## 4158	2013-11-20	367.559998	367.559998	360.450012	362.570007
		362.570007			
## 4159	2013-11-21	364.049988	369.250000	363.299988	368.920013
		368.920013			
## 4160	2013-11-22	370.000000	374.500000	366.309998	372.309998
		372.309998			
## 4161	2013-11-25	373.820007	377.790009	373.179993	376.640015
		376.640015			

## 4162	2013-11-26	377.609985	382.500000	374.820007	381.369995
381.369995					
## 4163	2013-11-27	383.500000	387.000000	382.609985	386.709991
386.709991					
## 4164	2013-11-29	389.100006	394.100006	388.619995	393.619995
393.619995					
## 4165	2013-12-02	399.000000	399.000000	389.100006	392.299988
392.299988					
## 4166	2013-12-03	390.109985	390.950012	383.100006	384.660004
384.660004					
## 4167	2013-12-04	383.500000	389.690002	381.489990	385.959991
385.959991					
## 4168	2013-12-05	386.649994	386.649994	381.369995	384.489990
384.489990					
## 4169	2013-12-06	388.350006	388.350006	383.829987	386.950012
386.950012					
## 4170	2013-12-09	388.109985	388.209991	382.570007	384.890015
384.890015					
## 4171	2013-12-10	383.739990	389.059998	383.019989	387.779999
387.779999					
## 4172	2013-12-11	387.339996	388.980011	382.000000	382.190002
382.190002					
## 4173	2013-12-12	381.260010	385.000000	379.500000	381.250000
381.250000					
## 4174	2013-12-13	385.320007	389.420013	383.799988	384.239990
384.239990					
## 4175	2013-12-16	385.029999	391.700012	385.000000	388.970001
388.970001					
## 4176	2013-12-17	390.649994	391.359985	386.500000	387.649994
387.649994					
## 4177	2013-12-18	389.230011	396.299988	383.100006	395.959991
395.959991					
## 4178	2013-12-19	394.269989	397.290009	392.600006	395.190002
395.190002					
## 4179	2013-12-20	396.549988	404.720001	395.779999	402.200012
402.200012					
## 4180	2013-12-23	403.690002	405.000000	399.200012	402.920013
402.920013					
## 4181	2013-12-24	402.519989	403.720001	396.369995	399.200012
399.200012					
## 4182	2013-12-26	401.790009	404.519989	396.809998	404.390015
404.390015					
## 4183	2013-12-27	404.649994	405.630005	396.250000	398.079987
398.079987					
## 4184	2013-12-30	399.410004	399.920013	392.450012	393.369995
393.369995					
## 4185	2013-12-31	394.579987	398.829987	393.799988	398.790009
398.790009					
## 4186	2014-01-02	398.799988	399.359985	394.019989	397.970001
397.970001					

## 4187	2014-01-03	398.290009	402.709991	396.220001	396.440002
396.440002					
## 4188	2014-01-06	395.850006	397.000000	388.420013	393.630005
393.630005					
## 4189	2014-01-07	395.040009	398.470001	394.290009	398.029999
398.029999					
## 4190	2014-01-08	398.470001	403.000000	396.040009	401.920013
401.920013					
## 4191	2014-01-09	403.709991	406.890015	398.440002	401.010010
401.010010					
## 4192	2014-01-10	402.529999	403.760010	393.799988	397.660004
397.660004					
## 4193	2014-01-13	397.980011	399.779999	388.450012	390.980011
390.980011					
## 4194	2014-01-14	392.130005	398.630005	391.290009	397.540009
397.540009					
## 4195	2014-01-15	398.940002	399.309998	392.529999	395.869995
395.869995					
## 4196	2014-01-16	393.679993	399.290009	389.410004	395.799988
395.799988					
## 4197	2014-01-17	394.260010	403.489990	393.660004	399.609985
399.609985					
## 4198	2014-01-21	403.000000	407.799988	401.600006	407.049988
407.049988					
## 4199	2014-01-22	408.000000	408.059998	402.000000	404.540009
404.540009					
## 4200	2014-01-23	401.000000	406.170013	397.790009	399.869995
399.869995					
## 4201	2014-01-24	398.160004	400.200012	387.269989	387.600006
387.600006					
## 4202	2014-01-27	390.500000	394.100006	380.489990	386.279999
386.279999					
## 4203	2014-01-28	387.399994	394.739990	387.119995	394.429993
394.429993					
## 4204	2014-01-29	392.160004	392.850006	383.239990	384.200012
384.200012					
## 4205	2014-01-30	393.769989	406.250000	387.700012	403.010010
403.010010					
## 4206	2014-01-31	371.760010	375.450012	357.760010	358.690002
358.690002					
## 4207	2014-02-03	358.980011	360.850006	340.100006	346.149994
346.149994					
## 4208	2014-02-04	349.589996	354.000000	344.019989	347.950012
347.950012					
## 4209	2014-02-05	346.000000	349.369995	337.730011	346.450012
346.450012					
## 4210	2014-02-06	347.399994	354.820007	347.399994	354.589996
354.589996					
## 4211	2014-02-07	358.980011	361.799988	352.489990	361.079987
361.079987					

## 4212	2014-02-10	361.609985	365.000000	359.350006	360.869995
360.869995					
## 4213	2014-02-11	361.839996	363.609985	356.250000	361.790009
361.790009					
## 4214	2014-02-12	356.429993	357.750000	346.320007	349.250000
349.250000					
## 4215	2014-02-13	347.700012	357.200012	346.500000	357.200012
357.200012					
## 4216	2014-02-14	359.339996	359.339996	353.350006	357.350006
357.350006					
## 4217	2014-02-18	355.279999	355.730011	349.450012	353.649994
353.649994					
## 4218	2014-02-19	352.640015	354.540009	346.100006	347.380005
347.380005					
## 4219	2014-02-20	348.799988	350.459991	344.380005	349.799988
349.799988					
## 4220	2014-02-21	352.440002	354.140015	346.750000	346.760010
346.760010					
## 4221	2014-02-24	345.190002	353.000000	343.290009	351.779999
351.779999					
## 4222	2014-02-25	353.000000	361.079987	351.579987	358.320007
358.320007					
## 4223	2014-02-26	359.859985	364.750000	357.170013	359.799988
359.799988					
## 4224	2014-02-27	357.220001	360.589996	355.500000	360.130005
360.130005					
## 4225	2014-02-28	360.600006	365.869995	357.079987	362.100006
362.100006					
## 4226	2014-03-03	358.739990	360.959991	354.480011	359.779999
359.779999					
## 4227	2014-03-04	363.899994	365.679993	362.459991	363.899994
363.899994					
## 4228	2014-03-05	364.130005	372.730011	363.899994	372.369995
372.369995					
## 4229	2014-03-06	374.049988	375.329987	368.899994	372.160004
372.160004					
## 4230	2014-03-07	374.579987	374.989990	369.529999	372.059998
372.059998					
## 4231	2014-03-10	372.690002	372.730011	367.000000	370.529999
370.529999					
## 4232	2014-03-11	370.989990	372.799988	367.279999	368.820007
368.820007					
## 4233	2014-03-12	366.399994	371.160004	363.609985	370.640015
370.640015					
## 4234	2014-03-13	376.619995	383.109985	368.079987	371.510010
371.510010					
## 4235	2014-03-14	372.799988	378.570007	371.549988	373.739990
373.739990					
## 4236	2014-03-17	375.720001	378.850006	374.880005	375.040009
375.040009					

## 4237	2014-03-18	377.320007	379.000000	375.000000	378.769989
378.769989					
## 4238	2014-03-19	378.769989	379.000000	369.420013	373.230011
373.230011					
## 4239	2014-03-20	370.640015	373.000000	366.220001	368.970001
368.970001					
## 4240	2014-03-21	371.000000	372.839996	358.399994	360.619995
360.619995					
## 4241	2014-03-24	360.089996	361.500000	348.600006	351.850006
351.850006					
## 4242	2014-03-25	354.029999	358.970001	348.839996	354.709991
354.709991					
## 4243	2014-03-26	357.130005	357.600006	343.399994	343.410004
343.410004					
## 4244	2014-03-27	343.149994	344.000000	330.880005	338.470001
338.470001					
## 4245	2014-03-28	340.049988	347.000000	336.079987	338.290009
338.290009					
## 4246	2014-03-31	342.399994	346.290009	334.059998	336.369995
336.369995					
## 4247	2014-04-01	338.089996	344.429993	338.000000	342.989990
342.989990					
## 4248	2014-04-02	345.989990	348.299988	340.380005	341.959991
341.959991					
## 4249	2014-04-03	341.820007	342.500000	328.459991	333.619995
333.619995					
## 4250	2014-04-04	335.149994	335.440002	315.609985	323.000000
323.000000					
## 4251	2014-04-07	320.989990	324.940002	313.130005	317.760010
317.760010					
## 4252	2014-04-08	321.880005	328.000000	318.440002	327.070007
327.070007					
## 4253	2014-04-09	328.470001	332.179993	322.500000	331.809998
331.809998					
## 4254	2014-04-10	330.600006	331.000000	316.500000	317.109985
317.109985					
## 4255	2014-04-11	314.000000	316.500000	309.500000	311.730011
311.730011					
## 4256	2014-04-14	317.670013	320.480011	311.279999	315.910004
315.910004					
## 4257	2014-04-15	316.700012	318.279999	305.500000	316.079987
316.079987					
## 4258	2014-04-16	321.170013	324.000000	314.709991	323.679993
323.679993					
## 4259	2014-04-17	319.760010	328.660004	319.760010	324.910004
324.910004					
## 4260	2014-04-21	323.970001	331.149994	322.309998	330.869995
330.869995					
## 4261	2014-04-22	332.000000	337.500000	328.940002	329.320007
329.320007					

## 4262	2014-04-23	333.059998	333.130005	323.390015	324.579987
		324.579987			
## 4263	2014-04-24	329.670013	337.399994	322.950012	337.149994
		337.149994			
## 4264	2014-04-25	316.250000	316.489990	302.709991	303.829987
		303.829987			
## 4265	2014-04-28	304.000000	304.390015	288.000000	296.579987
		296.579987			
## 4266	2014-04-29	296.440002	301.839996	290.450012	300.380005
		300.380005			
## 4267	2014-04-30	298.100006	304.559998	298.100006	304.130005
		304.130005			
## 4268	2014-05-01	304.130005	310.480011	304.000000	307.890015
		307.890015			
## 4269	2014-05-02	310.420013	313.290009	304.309998	308.010010
		308.010010			
## 4270	2014-05-05	306.369995	310.230011	305.000000	310.049988
		310.049988			
## 4271	2014-05-06	309.529999	309.809998	297.040009	297.380005
		297.380005			
## 4272	2014-05-07	295.559998	296.399994	286.679993	292.709991
		292.709991			
## 4273	2014-05-08	290.820007	295.880005	287.230011	288.320007
		288.320007			
## 4274	2014-05-09	290.570007	293.679993	284.380005	292.239990
		292.239990			
## 4275	2014-05-12	294.299988	303.339996	294.160004	302.859985
		302.859985			
## 4276	2014-05-13	302.600006	305.600006	300.750000	304.640015
		304.640015			
## 4277	2014-05-14	302.500000	304.640015	296.660004	297.619995
		297.619995			
## 4278	2014-05-15	298.019989	299.200012	290.380005	295.190002
		295.190002			
## 4279	2014-05-16	292.799988	298.880005	291.549988	297.700012
		297.700012			
## 4280	2014-05-19	295.760010	299.000000	293.809998	296.760010
		296.760010			
## 4281	2014-05-20	297.100006	304.459991	296.750000	301.190002
		301.190002			
## 4282	2014-05-21	302.209991	305.959991	301.519989	305.010010
		305.010010			
## 4283	2014-05-22	305.049988	308.540009	303.010010	304.910004
		304.910004			
## 4284	2014-05-23	305.459991	312.350006	304.899994	312.239990
		312.239990			
## 4285	2014-05-27	314.410004	314.630005	307.380005	310.820007
		310.820007			
## 4286	2014-05-28	309.500000	313.820007	307.420013	310.160004
		310.160004			

## 4287	2014-05-29	310.420013	314.869995	310.200012	313.779999
313.779999					
## 4288	2014-05-30	314.429993	314.649994	307.570007	312.549988
312.549988					
## 4289	2014-06-02	312.589996	312.600006	307.000000	308.839996
308.839996					
## 4290	2014-06-03	305.750000	307.920013	305.070007	307.190002
307.190002					
## 4291	2014-06-04	306.850006	309.500000	303.839996	306.779999
306.779999					
## 4292	2014-06-05	308.100006	327.940002	306.899994	323.570007
323.570007					
## 4293	2014-06-06	325.000000	330.880005	324.929993	329.670013
329.670013					
## 4294	2014-06-09	331.570007	333.000000	325.649994	327.500000
327.500000					
## 4295	2014-06-10	327.649994	335.500000	327.500000	332.410004
332.410004					
## 4296	2014-06-11	336.000000	340.720001	333.880005	335.200012
335.200012					
## 4297	2014-06-12	335.549988	335.549988	324.660004	325.910004
325.910004					
## 4298	2014-06-13	327.049988	329.299988	323.529999	326.269989
326.269989					
## 4299	2014-06-16	324.859985	328.690002	323.519989	327.619995
327.619995					
## 4300	2014-06-17	327.540009	331.339996	325.230011	325.619995
325.619995					
## 4301	2014-06-18	328.000000	335.750000	325.000000	334.380005
334.380005					
## 4302	2014-06-19	335.260010	338.899994	325.980011	327.000000
327.000000					
## 4303	2014-06-20	327.760010	328.220001	320.420013	324.200012
324.200012					
## 4304	2014-06-23	323.329987	327.549988	321.410004	327.239990
327.239990					
## 4305	2014-06-24	327.540009	329.730011	322.739990	324.160004
324.160004					
## 4306	2014-06-25	324.329987	328.149994	321.739990	327.440002
327.440002					
## 4307	2014-06-26	328.489990	328.649994	322.130005	325.690002
325.690002					
## 4308	2014-06-27	325.880005	326.519989	323.269989	324.570007
324.570007					
## 4309	2014-06-30	324.980011	326.980011	322.239990	324.779999
324.779999					
## 4310	2014-07-01	325.859985	333.200012	325.100006	332.390015
332.390015					
## 4311	2014-07-02	333.200012	336.760010	331.660004	332.850006
332.850006					

## 4312	2014-07-03	334.829987	338.299988	333.079987	337.489990
		337.489990			
## 4313	2014-07-07	337.500000	337.549988	332.519989	333.549988
		333.549988			
## 4314	2014-07-08	333.100006	333.739990	321.399994	323.809998
		323.809998			
## 4315	2014-07-09	324.709991	330.200012	323.149994	329.970001
		329.970001			
## 4316	2014-07-10	324.339996	329.980011	322.649994	327.920013
		327.920013			
## 4317	2014-07-11	334.709991	347.000000	334.709991	346.200012
		346.200012			
## 4318	2014-07-14	347.029999	355.769989	345.359985	355.320007
		355.320007			
## 4319	2014-07-15	353.720001	355.589996	349.399994	354.440002
		354.440002			
## 4320	2014-07-16	355.619995	359.320007	353.000000	355.899994
		355.899994			
## 4321	2014-07-17	353.440002	356.959991	351.380005	352.450012
		352.450012			
## 4322	2014-07-18	354.399994	359.679993	352.079987	358.660004
		358.660004			
## 4323	2014-07-21	358.100006	361.709991	356.720001	359.760010
		359.760010			
## 4324	2014-07-22	355.250000	362.929993	355.250000	360.839996
		360.839996			
## 4325	2014-07-23	359.049988	360.630005	356.619995	358.140015
		358.140015			
## 4326	2014-07-24	359.980011	364.850006	358.519989	358.609985
		358.609985			
## 4327	2014-07-25	317.299988	324.869995	314.760010	324.010010
		324.010010			
## 4328	2014-07-28	324.250000	324.820007	316.500000	320.410004
		320.410004			
## 4329	2014-07-29	321.980011	322.899994	319.500000	320.000000
		320.000000			
## 4330	2014-07-30	321.450012	322.730011	318.500000	322.510010
		322.510010			
## 4331	2014-07-31	320.010010	320.679993	311.859985	312.989990
		312.989990			
## 4332	2014-08-01	313.690002	315.829987	304.589996	307.059998
		307.059998			
## 4333	2014-08-04	308.839996	316.179993	308.500000	313.649994
		313.649994			
## 4334	2014-08-05	313.299988	314.549988	310.059998	312.320007
		312.320007			
## 4335	2014-08-06	310.829987	315.779999	310.200012	313.890015
		313.890015			
## 4336	2014-08-07	315.209991	315.880005	309.649994	311.450012
		311.450012			

## 4337	2014-08-08	311.940002	317.320007	310.660004	316.799988
		316.799988			
## 4338	2014-08-11	318.480011	320.380005	316.880005	318.329987
		318.329987			
## 4339	2014-08-12	318.890015	321.309998	316.950012	319.320007
		319.320007			
## 4340	2014-08-13	327.600006	331.720001	326.140015	326.279999
		326.279999			
## 4341	2014-08-14	327.799988	334.089996	326.709991	333.209991
		333.209991			
## 4342	2014-08-15	334.000000	335.000000	328.320007	333.630005
		333.630005			
## 4343	2014-08-18	335.480011	337.799988	333.769989	334.529999
		334.529999			
## 4344	2014-08-19	334.869995	335.809998	333.010010	335.130005
		335.130005			
## 4345	2014-08-20	334.679993	337.160004	334.019989	335.779999
		335.779999			
## 4346	2014-08-21	336.480011	336.579987	332.230011	332.910004
		332.910004			
## 4347	2014-08-22	332.989990	334.079987	330.799988	331.589996
		331.589996			
## 4348	2014-08-25	333.209991	336.769989	332.709991	334.019989
		334.019989			
## 4349	2014-08-26	337.000000	344.359985	334.549988	341.829987
		341.829987			
## 4350	2014-08-27	342.089996	346.670013	341.339996	343.179993
		343.179993			
## 4351	2014-08-28	340.000000	341.790009	338.799988	340.019989
		340.019989			
## 4352	2014-08-29	341.760010	341.820007	337.679993	339.040009
		339.040009			
## 4353	2014-09-02	339.980011	342.500000	337.160004	342.380005
		342.380005			
## 4354	2014-09-03	342.540009	343.269989	337.549988	339.000000
		339.000000			
## 4355	2014-09-04	343.690002	349.380005	343.579987	345.950012
		345.950012			
## 4356	2014-09-05	346.299988	346.829987	342.500000	346.380005
		346.380005			
## 4357	2014-09-08	344.540009	345.809998	339.040009	342.339996
		342.339996			
## 4358	2014-09-09	341.609985	341.760010	329.179993	329.750000
		329.750000			
## 4359	2014-09-10	334.299988	334.980011	328.820007	331.329987
		331.329987			
## 4360	2014-09-11	329.940002	333.010010	326.390015	330.519989
		330.519989			
## 4361	2014-09-12	329.559998	332.890015	328.790009	331.190002
		331.190002			

## 4362	2014-09-15	330.910004	331.329987	319.000000	323.890015
		323.890015			
## 4363	2014-09-16	321.070007	329.480011	320.100006	327.760010
		327.760010			
## 4364	2014-09-17	327.760010	328.000000	321.519989	324.000000
		324.000000			
## 4365	2014-09-18	325.440002	327.100006	323.709991	325.000000
		325.000000			
## 4366	2014-09-19	327.600006	332.760010	325.570007	331.320007
		331.320007			
## 4367	2014-09-22	328.489990	329.489990	321.059998	324.500000
		324.500000			
## 4368	2014-09-23	322.459991	327.600006	321.250000	323.630005
		323.630005			
## 4369	2014-09-24	324.170013	329.440002	319.559998	328.209991
		328.209991			
## 4370	2014-09-25	327.989990	328.540009	321.399994	321.929993
		321.929993			
## 4371	2014-09-26	320.600006	323.500000	317.640015	323.209991
		323.209991			
## 4372	2014-09-29	320.500000	323.750000	319.000000	321.820007
		321.820007			
## 4373	2014-09-30	321.359985	323.429993	318.510010	322.440002
		322.440002			
## 4374	2014-10-01	322.040009	322.170013	315.549988	317.459991
		317.459991			
## 4375	2014-10-02	316.920013	318.529999	311.309998	318.410004
		318.410004			
## 4376	2014-10-03	320.359985	325.160004	319.529999	322.739990
		322.739990			
## 4377	2014-10-06	323.500000	324.130005	319.600006	322.200012
		322.200012			
## 4378	2014-10-07	319.429993	322.000000	316.670013	316.980011
		316.980011			
## 4379	2014-10-08	316.579987	324.109985	314.140015	322.700012
		322.700012			
## 4380	2014-10-09	321.489990	322.269989	314.519989	315.369995
		315.369995			
## 4381	2014-10-10	314.019989	317.769989	311.380005	311.390015
		311.390015			
## 4382	2014-10-13	309.869995	313.200012	303.470001	306.450012
		306.450012			
## 4383	2014-10-14	308.000000	312.239990	305.750000	308.309998
		308.309998			
## 4384	2014-10-15	304.350006	307.899994	299.100006	305.970001
		305.970001			
## 4385	2014-10-16	293.829987	306.820007	293.829987	302.859985
		302.859985			
## 4386	2014-10-17	307.149994	309.200012	302.720001	303.640015
		303.640015			

## 4387	2014-10-20	302.950012	306.529999	302.019989	306.209991
306.209991					
## 4388	2014-10-21	309.899994	315.640015	307.070007	315.329987
315.329987					
## 4389	2014-10-22	315.429993	318.980011	312.640015	312.970001
312.970001					
## 4390	2014-10-23	313.399994	316.799988	311.399994	313.179993
313.179993					
## 4391	2014-10-24	284.399994	293.809998	284.000000	287.059998
287.059998					
## 4392	2014-10-27	285.700012	290.420013	285.019989	289.970001
289.970001					
## 4393	2014-10-28	289.760010	298.000000	289.760010	295.589996
295.589996					
## 4394	2014-10-29	299.109985	299.609985	293.070007	294.119995
294.119995					
## 4395	2014-10-30	293.980011	299.739990	292.359985	299.070007
299.070007					
## 4396	2014-10-31	305.149994	305.720001	301.500000	305.459991
305.459991					
## 4397	2014-11-03	306.239990	308.010010	303.239990	305.720001
305.720001					
## 4398	2014-11-04	303.989990	304.250000	300.170013	302.809998
302.809998					
## 4399	2014-11-05	303.010010	304.000000	294.160004	296.519989
296.519989					
## 4400	2014-11-06	296.690002	297.000000	292.290009	296.640015
296.640015					
## 4401	2014-11-07	297.820007	299.989990	296.290009	299.859985
299.859985					
## 4402	2014-11-10	300.000000	305.799988	300.000000	305.109985
305.109985					
## 4403	2014-11-11	305.940002	312.380005	303.649994	312.010010
312.010010					
## 4404	2014-11-12	310.750000	312.579987	308.790009	311.510010
311.510010					
## 4405	2014-11-13	312.000000	317.890015	311.510010	316.480011
316.480011					
## 4406	2014-11-14	317.119995	332.880005	316.399994	327.820007
327.820007					
## 4407	2014-11-17	326.440002	328.000000	318.029999	323.049988
323.049988					
## 4408	2014-11-18	323.989990	329.559998	323.250000	324.929993
324.929993					
## 4409	2014-11-19	327.250000	328.399994	324.019989	326.540009
326.540009					
## 4410	2014-11-20	324.000000	332.670013	323.329987	330.540009
330.540009					
## 4411	2014-11-21	335.420013	338.329987	331.470001	332.630005
332.630005					

## 4412	2014-11-24	334.779999	337.390015	333.600006	335.640015
335.640015					
## 4413	2014-11-25	335.269989	336.329987	331.279999	335.040009
335.040009					
## 4414	2014-11-26	333.779999	334.649994	331.750000	333.570007
333.570007					
## 4415	2014-11-28	336.029999	341.260010	336.029999	338.640015
338.640015					
## 4416	2014-12-01	338.119995	340.640015	325.929993	326.000000
326.000000					
## 4417	2014-12-02	327.500000	327.929993	323.250000	326.309998
326.309998					
## 4418	2014-12-03	325.730011	326.769989	314.359985	316.500000
316.500000					
## 4419	2014-12-04	315.529999	318.589996	313.470001	316.929993
316.929993					
## 4420	2014-12-05	316.799988	316.929993	310.839996	312.630005
312.630005					
## 4421	2014-12-08	311.570007	316.559998	304.820007	306.640015
306.640015					
## 4422	2014-12-09	302.989990	313.640015	301.140015	312.500000
312.500000					
## 4423	2014-12-10	312.000000	313.190002	304.679993	305.839996
305.839996					
## 4424	2014-12-11	307.890015	312.640015	306.010010	307.359985
307.359985					
## 4425	2014-12-12	303.989990	310.640015	303.010010	307.320007
307.320007					
## 4426	2014-12-15	308.869995	310.859985	302.149994	306.070007
306.070007					
## 4427	2014-12-16	304.350006	304.489990	295.010010	295.059998
295.059998					
## 4428	2014-12-17	296.369995	299.670013	293.029999	298.880005
298.880005					
## 4429	2014-12-18	304.010010	304.500000	293.250000	297.730011
297.730011					
## 4430	2014-12-19	296.910004	301.540009	295.519989	299.899994
299.899994					
## 4431	2014-12-22	301.940002	307.359985	301.940002	306.540009
306.540009					
## 4432	2014-12-23	306.980011	307.489990	303.250000	306.290009
306.290009					
## 4433	2014-12-24	306.380005	307.000000	302.880005	303.029999
303.029999					
## 4434	2014-12-26	305.000000	310.779999	303.809998	309.089996
309.089996					
## 4435	2014-12-29	307.850006	314.269989	306.579987	312.040009
312.040009					
## 4436	2014-12-30	309.910004	313.940002	309.339996	310.299988
310.299988					

## 4437	2014-12-31	311.549988	312.980011	310.010010	310.350006
310.350006					
## 4438	2015-01-02	312.579987	314.750000	306.959991	308.519989
308.519989					
## 4439	2015-01-05	307.010010	308.380005	300.850006	302.190002
302.190002					
## 4440	2015-01-06	302.239990	303.000000	292.380005	295.290009
295.290009					
## 4441	2015-01-07	297.500000	301.279999	295.329987	298.420013
298.420013					
## 4442	2015-01-08	300.320007	303.140015	296.109985	300.459991
300.459991					
## 4443	2015-01-09	301.480011	302.869995	296.679993	296.929993
296.929993					
## 4444	2015-01-12	297.559998	298.510010	289.279999	291.410004
291.410004					
## 4445	2015-01-13	297.480011	301.500000	293.230011	294.739990
294.739990					
## 4446	2015-01-14	291.929993	295.910004	286.500000	293.269989
293.269989					
## 4447	2015-01-15	294.000000	296.000000	286.820007	286.950012
286.950012					
## 4448	2015-01-16	286.279999	290.790009	285.250000	290.739990
290.739990					
## 4449	2015-01-20	292.589996	293.359985	286.390015	289.440002
289.440002					
## 4450	2015-01-21	289.640015	306.000000	287.260010	297.250000
297.250000					
## 4451	2015-01-22	300.000000	312.250000	300.000000	310.320007
310.320007					
## 4452	2015-01-23	308.079987	316.929993	307.720001	312.390015
312.390015					
## 4453	2015-01-26	311.820007	313.000000	307.519989	309.660004
309.660004					
## 4454	2015-01-27	306.299988	310.239990	302.630005	306.750000
306.750000					
## 4455	2015-01-28	309.809998	311.510010	303.799988	303.910004
303.910004					
## 4456	2015-01-29	304.730011	312.799988	299.329987	311.779999
311.779999					
## 4457	2015-01-30	346.320007	359.500000	340.739990	354.529999
354.529999					
## 4458	2015-02-02	350.049988	365.000000	350.010010	364.470001
364.470001					
## 4459	2015-02-03	360.290009	367.820007	360.209991	363.549988
363.549988					
## 4460	2015-02-04	358.380005	367.500000	358.230011	364.750000
364.750000					
## 4461	2015-02-05	366.000000	378.799988	365.899994	373.890015
373.890015					

## 4462	2015-02-06	374.869995	375.989990	371.010010	374.279999
374.279999					
## 4463	2015-02-09	371.000000	374.410004	367.200012	370.559998
370.559998					
## 4464	2015-02-10	371.190002	374.299988	368.510010	373.000000
373.000000					
## 4465	2015-02-11	371.230011	377.100006	371.100006	375.140015
375.140015					
## 4466	2015-02-12	375.100006	378.510010	373.149994	377.170013
377.170013					
## 4467	2015-02-13	378.410004	383.000000	377.010010	381.829987
381.829987					
## 4468	2015-02-17	377.720001	379.989990	372.670013	375.429993
375.429993					
## 4469	2015-02-18	373.779999	376.739990	372.850006	373.369995
373.369995					
## 4470	2015-02-19	373.489990	381.880005	373.429993	379.000000
379.000000					
## 4471	2015-02-20	378.619995	383.700012	375.839996	383.660004
383.660004					
## 4472	2015-02-23	383.440002	384.540009	378.000000	380.140015
380.140015					
## 4473	2015-02-24	378.649994	380.480011	376.160004	378.589996
378.589996					
## 4474	2015-02-25	377.269989	387.850006	376.540009	385.369995
385.369995					
## 4475	2015-02-26	384.070007	389.369995	383.279999	384.799988
384.799988					
## 4476	2015-02-27	384.000000	385.989990	379.790009	380.160004
380.160004					
## 4477	2015-03-02	380.850006	385.899994	379.480011	385.660004
385.660004					
## 4478	2015-03-03	383.950012	386.100006	381.600006	384.609985
384.609985					
## 4479	2015-03-04	385.709991	387.899994	382.190002	382.720001
382.720001					
## 4480	2015-03-05	385.609985	388.420013	383.890015	387.829987
387.829987					
## 4481	2015-03-06	385.519989	387.000000	378.880005	380.089996
380.089996					
## 4482	2015-03-09	378.399994	379.329987	375.279999	378.559998
378.559998					
## 4483	2015-03-10	377.450012	377.769989	369.179993	369.510010
369.510010					
## 4484	2015-03-11	370.609985	373.350006	366.260010	366.369995
366.369995					
## 4485	2015-03-12	368.820007	375.500000	367.519989	374.239990
374.239990					
## 4486	2015-03-13	371.519989	373.989990	366.679993	370.579987
370.579987					

## 4487	2015-03-16	370.380005	373.940002	366.720001	373.350006
		373.350006			
## 4488	2015-03-17	371.109985	374.500000	369.640015	371.920013
		371.920013			
## 4489	2015-03-18	369.970001	375.989990	366.700012	375.140015
		375.140015			
## 4490	2015-03-19	373.869995	377.109985	372.190002	373.239990
		373.239990			
## 4491	2015-03-20	376.290009	379.369995	375.920013	378.489990
		378.489990			
## 4492	2015-03-23	378.070007	381.769989	374.940002	375.109985
		375.109985			
## 4493	2015-03-24	373.989990	375.239990	372.269989	374.089996
		374.089996			
## 4494	2015-03-25	375.170013	380.500000	370.290009	370.959991
		370.959991			
## 4495	2015-03-26	369.589996	371.399994	365.649994	367.350006
		367.350006			
## 4496	2015-03-27	367.109985	373.170013	366.570007	370.559998
		370.559998			
## 4497	2015-03-30	371.869995	376.119995	371.549988	374.589996
		374.589996			
## 4498	2015-03-31	373.239990	377.700012	371.510010	372.100006
		372.100006			
## 4499	2015-04-01	372.100006	373.160004	368.339996	370.260010
		370.260010			
## 4500	2015-04-02	370.500000	373.279999	369.000000	372.250000
		372.250000			
## 4501	2015-04-06	370.100006	380.200012	369.359985	377.040009
		377.040009			
## 4502	2015-04-07	376.149994	379.309998	374.029999	374.410004
		374.410004			
## 4503	2015-04-08	374.660004	381.579987	374.649994	381.200012
		381.200012			
## 4504	2015-04-09	380.660004	384.420013	378.799988	383.540009
		383.540009			
## 4505	2015-04-10	384.309998	387.119995	381.320007	382.649994
		382.649994			
## 4506	2015-04-13	383.529999	385.279999	380.140015	382.359985
		382.359985			
## 4507	2015-04-14	383.510010	387.809998	381.209991	385.109985
		385.109985			
## 4508	2015-04-15	384.649994	385.779999	381.640015	383.450012
		383.450012			
## 4509	2015-04-16	383.690002	387.450012	383.549988	386.040009
		386.040009			
## 4510	2015-04-17	382.630005	383.559998	374.399994	375.559998
		375.559998			
## 4511	2015-04-20	378.549988	391.940002	377.000000	389.510010
		389.510010			

## 4512	2015-04-21	391.309998	394.600006	386.799988	391.179993
391.179993					
## 4513	2015-04-22	391.910004	394.279999	388.000000	389.799988
389.799988					
## 4514	2015-04-23	390.209991	391.880005	386.149994	389.989990
389.989990					
## 4515	2015-04-24	439.000000	452.649994	439.000000	445.100006
445.100006					
## 4516	2015-04-27	443.859985	446.989990	437.410004	438.559998
438.559998					
## 4517	2015-04-28	438.510010	439.000000	428.040009	429.309998
429.309998					
## 4518	2015-04-29	426.750000	434.239990	426.029999	429.369995
429.369995					
## 4519	2015-04-30	427.109985	431.750000	419.239990	421.779999
421.779999					
## 4520	2015-05-01	423.820007	425.640015	416.000000	422.869995
422.869995					
## 4521	2015-05-04	424.799988	429.769989	422.420013	423.040009
423.040009					
## 4522	2015-05-05	422.850006	427.510010	421.019989	421.190002
421.190002					
## 4523	2015-05-06	421.429993	422.720001	414.549988	419.100006
419.100006					
## 4524	2015-05-07	424.149994	428.500000	422.850006	426.880005
426.880005					
## 4525	2015-05-08	430.750000	435.200012	430.170013	433.690002
433.690002					
## 4526	2015-05-11	432.510010	439.000000	431.369995	432.850006
432.850006					
## 4527	2015-05-12	431.079987	433.250000	426.709991	431.019989
431.019989					
## 4528	2015-05-13	429.980011	433.529999	425.799988	426.869995
426.869995					
## 4529	2015-05-14	429.450012	433.000000	427.010010	432.279999
432.279999					
## 4530	2015-05-15	428.000000	430.399994	424.299988	426.000000
426.000000					
## 4531	2015-05-18	426.000000	427.269989	421.459991	425.239990
425.239990					
## 4532	2015-05-19	424.869995	428.239990	420.630005	421.709991
421.709991					
## 4533	2015-05-20	420.600006	427.100006	418.359985	423.859985
423.859985					
## 4534	2015-05-21	428.000000	436.899994	428.000000	431.630005
431.630005					
## 4535	2015-05-22	431.549988	432.440002	427.609985	427.630005
427.630005					
## 4536	2015-05-26	426.200012	427.000000	422.000000	425.470001
425.470001					

## 4537	2015-05-27	427.450012	431.850006	425.010010	431.420013
431.420013					
## 4538	2015-05-28	429.709991	431.350006	425.470001	426.570007
426.570007					
## 4539	2015-05-29	427.230011	432.500000	427.230011	429.230011
429.230011					
## 4540	2015-06-01	430.399994	433.160004	426.200012	430.920013
430.920013					
## 4541	2015-06-02	430.070007	433.230011	426.250000	430.989990
430.989990					
## 4542	2015-06-03	434.399994	438.390015	432.750000	436.589996
436.589996					
## 4543	2015-06-04	434.399994	436.760010	429.260010	430.779999
430.779999					
## 4544	2015-06-05	429.660004	430.799988	426.500000	426.950012
426.950012					
## 4545	2015-06-08	425.619995	426.799988	421.429993	423.500000
423.500000					
## 4546	2015-06-09	422.959991	427.489990	419.140015	425.480011
425.480011					
## 4547	2015-06-10	426.459991	432.200012	425.660004	430.769989
430.769989					
## 4548	2015-06-11	432.290009	438.890015	431.470001	432.970001
432.970001					
## 4549	2015-06-12	431.250000	432.359985	428.260010	429.920013
429.920013					
## 4550	2015-06-15	427.660004	428.049988	422.640015	423.670013
423.670013					
## 4551	2015-06-16	424.149994	427.970001	422.670013	427.260010
427.260010					
## 4552	2015-06-17	428.359985	431.350006	424.750000	427.809998
427.809998					
## 4553	2015-06-18	430.299988	439.730011	429.410004	439.390015
439.390015					
## 4554	2015-06-19	440.260010	444.989990	433.239990	434.920013
434.920013					
## 4555	2015-06-22	437.000000	439.239990	434.179993	436.290009
436.290009					
## 4556	2015-06-23	435.589996	447.040009	433.690002	445.989990
445.989990					
## 4557	2015-06-24	444.970001	446.470001	440.230011	440.839996
440.839996					
## 4558	2015-06-25	438.070007	443.470001	436.390015	440.100006
440.100006					
## 4559	2015-06-26	441.760010	443.489990	435.059998	438.100006
438.100006					
## 4560	2015-06-29	434.980011	437.000000	429.000000	429.859985
429.859985					
## 4561	2015-06-30	434.200012	435.570007	430.459991	434.089996
434.089996					

## 4562	2015-07-01	439.350006	440.000000	435.579987	437.390015
437.390015					
## 4563	2015-07-02	437.000000	438.200012	433.480011	437.709991
437.709991					
## 4564	2015-07-06	435.230011	439.730011	433.519989	436.040009
436.040009					
## 4565	2015-07-07	435.679993	437.730011	425.570007	436.720001
436.720001					
## 4566	2015-07-08	434.350006	435.989990	428.829987	429.700012
429.700012					
## 4567	2015-07-09	434.899994	438.720001	434.149994	434.390015
434.390015					
## 4568	2015-07-10	440.489990	444.720001	439.000000	443.510010
443.510010					
## 4569	2015-07-13	448.290009	457.869995	447.540009	455.570007
455.570007					
## 4570	2015-07-14	462.320007	469.600006	458.160004	465.570007
465.570007					
## 4571	2015-07-15	463.040009	464.700012	460.200012	461.190002
461.190002					
## 4572	2015-07-16	465.500000	475.880005	464.799988	475.480011
475.480011					
## 4573	2015-07-17	477.700012	485.420013	477.250000	483.010010
483.010010					
## 4574	2015-07-20	492.570007	493.200012	485.399994	488.100006
488.100006					
## 4575	2015-07-21	487.899994	488.880005	482.549988	488.000000
488.000000					
## 4576	2015-07-22	485.989990	492.500000	484.899994	488.269989
488.269989					
## 4577	2015-07-23	491.660004	491.660004	475.700012	482.179993
482.179993					
## 4578	2015-07-24	578.989990	580.570007	529.349976	529.419983
529.419983					
## 4579	2015-07-27	527.750000	544.950012	526.599976	531.409973
531.409973					
## 4580	2015-07-28	536.000000	536.390015	523.119995	526.030029
526.030029					
## 4581	2015-07-29	530.919983	532.969971	525.020020	529.000000
529.000000					
## 4582	2015-07-30	527.650024	539.200012	524.289978	536.760010
536.760010					
## 4583	2015-07-31	539.090027	542.840027	534.520020	536.150024
536.150024					
## 4584	2015-08-03	537.450012	540.440002	529.359985	535.030029
535.030029					
## 4585	2015-08-04	529.690002	536.950012	529.159973	531.900024
531.900024					
## 4586	2015-08-05	538.799988	539.140015	534.119995	537.010010
537.010010					

## 4587	2015-08-06	539.299988	542.739990	527.520020	529.460022
529.460022					
## 4588	2015-08-07	529.159973	529.460022	518.210022	522.619995
522.619995					
## 4589	2015-08-10	528.520020	532.280029	523.000000	524.000000
524.000000					
## 4590	2015-08-11	523.650024	528.979980	522.000000	527.460022
527.460022					
## 4591	2015-08-12	523.750000	527.500000	513.059998	525.909973
525.909973					
## 4592	2015-08-13	527.369995	534.659973	525.489990	529.659973
529.659973					
## 4593	2015-08-14	528.250000	534.109985	528.250000	531.520020
531.520020					
## 4594	2015-08-17	531.289978	538.739990	527.119995	535.219971
535.219971					
## 4595	2015-08-18	535.039978	539.489990	533.000000	535.020020
535.020020					
## 4596	2015-08-19	533.739990	537.250000	529.000000	532.919983
532.919983					
## 4597	2015-08-20	530.390015	533.250000	515.770020	515.780029
515.780029					
## 4598	2015-08-21	507.359985	512.330017	494.470001	494.470001
494.470001					
## 4599	2015-08-24	463.579987	476.579987	451.000000	463.369995
463.369995					
## 4600	2015-08-25	487.489990	489.440002	466.250000	466.369995
466.369995					
## 4601	2015-08-26	484.019989	503.720001	478.760010	500.769989
500.769989					
## 4602	2015-08-27	513.710022	522.690002	507.260010	518.369995
518.369995					
## 4603	2015-08-28	517.500000	521.500000	513.039978	518.010010
518.010010					
## 4604	2015-08-31	516.440002	519.409973	509.070007	512.890015
512.890015					
## 4605	2015-09-01	499.140015	510.000000	493.429993	496.540009
496.540009					
## 4606	2015-09-02	505.089996	510.859985	497.720001	510.549988
510.549988					
## 4607	2015-09-03	514.500000	515.840027	502.570007	504.720001
504.720001					
## 4608	2015-09-04	497.649994	502.850006	495.640015	499.000000
499.000000					
## 4609	2015-09-08	508.690002	518.349976	508.510010	517.539978
517.539978					
## 4610	2015-09-09	524.000000	529.950012	515.059998	516.890015
516.890015					
## 4611	2015-09-10	515.150024	526.130005	514.780029	522.239990
522.239990					

## 4612	2015-09-11	521.070007	529.440002	520.609985	529.440002
529.440002					
## 4613	2015-09-14	529.440002	532.450012	518.580017	521.380005
521.380005					
## 4614	2015-09-15	523.250000	527.919983	517.200012	522.369995
522.369995					
## 4615	2015-09-16	521.979980	528.299988	518.520020	527.390015
527.390015					
## 4616	2015-09-17	526.979980	546.969971	526.570007	538.869995
538.869995					
## 4617	2015-09-18	534.619995	546.239990	531.349976	540.260010
540.260010					
## 4618	2015-09-21	544.330017	549.780029	539.590027	548.390015
548.390015					
## 4619	2015-09-22	539.710022	543.549988	532.659973	538.400024
538.400024					
## 4620	2015-09-23	538.299988	541.210022	534.000000	536.070007
536.070007					
## 4621	2015-09-24	530.549988	534.559998	522.869995	533.750000
533.750000					
## 4622	2015-09-25	542.570007	542.799988	521.400024	524.250000
524.250000					
## 4623	2015-09-28	520.020020	520.280029	494.329987	504.059998
504.059998					
## 4624	2015-09-29	506.000000	511.480011	490.500000	496.070007
496.070007					
## 4625	2015-09-30	505.440002	512.799988	501.670013	511.890015
511.890015					
## 4626	2015-10-01	511.000000	520.799988	506.000000	520.719971
520.719971					
## 4627	2015-10-02	512.989990	532.599976	508.100006	532.539978
532.539978					
## 4628	2015-10-05	536.989990	545.909973	536.000000	543.679993
543.679993					
## 4629	2015-10-06	545.500000	551.500000	533.330017	537.479980
537.479980					
## 4630	2015-10-07	541.789978	542.000000	529.000000	541.940002
541.940002					
## 4631	2015-10-08	536.710022	539.390015	519.890015	533.159973
533.159973					
## 4632	2015-10-09	534.479980	541.789978	530.270020	539.799988
539.799988					
## 4633	2015-10-12	539.960022	550.820007	539.799988	550.190002
550.190002					
## 4634	2015-10-13	546.260010	553.200012	543.099976	548.900024
548.900024					
## 4635	2015-10-14	551.340027	552.250000	539.679993	544.830017
544.830017					
## 4636	2015-10-15	547.750000	563.000000	547.000000	562.440002
562.440002					

## 4637	2015-10-16	565.270020	570.940002	560.309998	570.760010
		570.760010			
## 4638	2015-10-19	570.760010	579.000000	567.380005	573.150024
		573.150024			
## 4639	2015-10-20	572.000000	573.000000	555.280029	560.880005
		560.880005			
## 4640	2015-10-21	563.869995	565.250000	552.520020	555.770020
		555.770020			
## 4641	2015-10-22	562.700012	569.150024	556.669983	563.909973
		563.909973			
## 4642	2015-10-23	617.679993	619.450012	595.359985	599.030029
		599.030029			
## 4643	2015-10-26	602.299988	609.849976	596.289978	608.609985
		608.609985			
## 4644	2015-10-27	608.599976	614.710022	605.530029	611.010010
		611.010010			
## 4645	2015-10-28	612.299988	617.229980	609.500000	617.099976
		617.099976			
## 4646	2015-10-29	617.700012	627.539978	615.390015	626.549988
		626.549988			
## 4647	2015-10-30	626.010010	630.719971	625.280029	625.900024
		625.900024			
## 4648	2015-11-02	627.130005	628.630005	620.409973	628.349976
		628.349976			
## 4649	2015-11-03	629.530029	629.890015	622.000000	625.309998
		625.309998			
## 4650	2015-11-04	627.760010	645.929993	627.349976	640.950012
		640.950012			
## 4651	2015-11-05	647.099976	657.000000	643.090027	655.650024
		655.650024			
## 4652	2015-11-06	655.000000	662.260010	652.000000	659.369995
		659.369995			
## 4653	2015-11-09	658.650024	661.960022	647.849976	655.489990
		655.489990			
## 4654	2015-11-10	651.010010	660.000000	647.260010	659.679993
		659.679993			
## 4655	2015-11-11	663.250000	675.960022	663.250000	673.250000
		673.250000			
## 4656	2015-11-12	673.000000	675.640015	664.219971	665.599976
		665.599976			
## 4657	2015-11-13	663.570007	667.000000	640.450012	642.349976
		642.349976			
## 4658	2015-11-16	640.919983	649.989990	622.289978	647.809998
		647.809998			
## 4659	2015-11-17	650.650024	653.250000	641.000000	643.299988
		643.299988			
## 4660	2015-11-18	646.510010	664.880005	646.369995	663.539978
		663.539978			
## 4661	2015-11-19	664.989990	672.859985	659.000000	661.270020
		661.270020			

## 4662	2015-11-20	667.940002	668.869995	657.570007	668.450012
668.450012					
## 4663	2015-11-23	671.500000	682.770020	670.119995	678.989990
678.989990					
## 4664	2015-11-24	674.140015	675.799988	661.210022	671.150024
671.150024					
## 4665	2015-11-25	675.000000	679.700012	671.239990	675.340027
675.340027					
## 4666	2015-11-27	680.799988	680.989990	672.099976	673.260010
673.260010					
## 4667	2015-11-30	675.900024	681.289978	664.599976	664.799988
664.799988					
## 4668	2015-12-01	673.750000	681.000000	667.859985	679.059998
679.059998					
## 4669	2015-12-02	681.000000	684.820007	674.250000	676.010010
676.010010					
## 4670	2015-12-03	679.440002	682.789978	661.479980	666.250000
666.250000					
## 4671	2015-12-04	666.000000	674.780029	661.400024	672.640015
672.640015					
## 4672	2015-12-07	674.739990	675.460022	660.500000	669.830017
669.830017					
## 4673	2015-12-08	663.130005	679.989990	659.789978	677.330017
677.330017					
## 4674	2015-12-09	678.000000	679.000000	655.679993	664.789978
664.789978					
## 4675	2015-12-10	665.590027	668.530029	659.559998	662.320007
662.320007					
## 4676	2015-12-11	651.229980	657.880005	639.619995	640.150024
640.150024					
## 4677	2015-12-14	641.750000	658.590027	635.270020	657.909973
657.909973					
## 4678	2015-12-15	665.030029	671.500000	657.349976	658.640015
658.640015					
## 4679	2015-12-16	663.559998	677.349976	659.320007	675.770020
675.770020					
## 4680	2015-12-17	680.000000	682.500000	670.650024	670.650024
670.650024					
## 4681	2015-12-18	668.650024	676.840027	664.130005	664.140015
664.140015					
## 4682	2015-12-21	668.500000	669.900024	658.929993	664.510010
664.510010					
## 4683	2015-12-22	666.830017	668.489990	659.260010	663.150024
663.150024					
## 4684	2015-12-23	666.500000	666.599976	656.630005	663.700012
663.700012					
## 4685	2015-12-24	663.349976	664.679993	660.599976	662.789978
662.789978					
## 4686	2015-12-28	665.559998	675.500000	665.500000	675.200012
675.200012					

## 4687	2015-12-29	677.979980	696.440002	677.890015	693.969971
693.969971					
## 4688	2015-12-30	691.890015	695.489990	686.380005	689.070007
689.070007					
## 4689	2015-12-31	686.080017	687.750000	675.890015	675.890015
675.890015					
## 4690	2016-01-04	656.289978	657.719971	627.510010	636.989990
636.989990					
## 4691	2016-01-05	646.859985	646.909973	627.650024	633.789978
633.789978					
## 4692	2016-01-06	622.000000	639.789978	620.309998	632.650024
632.650024					
## 4693	2016-01-07	621.799988	630.000000	605.210022	607.940002
607.940002					
## 4694	2016-01-08	619.659973	624.140015	606.000000	607.049988
607.049988					
## 4695	2016-01-11	612.479980	619.849976	598.570007	617.739990
617.739990					
## 4696	2016-01-12	625.250000	625.989990	612.239990	617.890015
617.890015					
## 4697	2016-01-13	620.880005	620.880005	579.159973	581.809998
581.809998					
## 4698	2016-01-14	580.250000	602.250000	569.880005	593.000000
593.000000					
## 4699	2016-01-15	572.239990	584.619995	565.299988	570.179993
570.179993					
## 4700	2016-01-19	577.090027	584.000000	566.450012	574.479980
574.479980					
## 4701	2016-01-20	564.359985	578.450012	547.179993	571.770020
571.770020					
## 4702	2016-01-21	573.580017	588.809998	568.219971	575.020020
575.020020					
## 4703	2016-01-22	588.729980	600.099976	584.109985	596.380005
596.380005					
## 4704	2016-01-25	597.989990	608.500000	594.559998	596.530029
596.530029					
## 4705	2016-01-26	603.450012	604.500000	590.380005	601.250000
601.250000					
## 4706	2016-01-27	601.989990	603.390015	578.780029	583.349976
583.349976					
## 4707	2016-01-28	608.369995	638.059998	597.549988	635.349976
635.349976					
## 4708	2016-01-29	571.979980	593.000000	570.000000	587.000000
587.000000					
## 4709	2016-02-01	578.150024	581.799988	570.309998	574.809998
574.809998					
## 4710	2016-02-02	570.000000	571.559998	550.090027	552.099976
552.099976					
## 4711	2016-02-03	553.500000	556.000000	521.900024	531.070007
531.070007					

## 4712	2016-02-04	525.000000	538.989990	519.219971	536.260010
		536.260010			
## 4713	2016-02-05	529.280029	529.450012	499.190002	502.130005
		502.130005			
## 4714	2016-02-08	486.470001	493.500000	475.209991	488.100006
		488.100006			
## 4715	2016-02-09	478.010010	498.380005	474.000000	482.070007
		482.070007			
## 4716	2016-02-10	491.760010	504.660004	486.000000	490.480011
		490.480011			
## 4717	2016-02-11	491.170013	509.299988	484.000000	503.820007
		503.820007			
## 4718	2016-02-12	510.700012	516.750000	501.489990	507.079987
		507.079987			
## 4719	2016-02-16	519.479980	524.450012	511.660004	521.099976
		521.099976			
## 4720	2016-02-17	528.739990	537.479980	519.390015	534.099976
		534.099976			
## 4721	2016-02-18	541.190002	541.200012	523.729980	525.000000
		525.000000			
## 4722	2016-02-19	520.710022	535.950012	515.349976	534.900024
		534.900024			
## 4723	2016-02-22	542.200012	560.650024	541.080017	559.500000
		559.500000			
## 4724	2016-02-23	555.549988	556.909973	545.330017	552.940002
		552.940002			
## 4725	2016-02-24	545.750000	554.270020	533.150024	554.039978
		554.039978			
## 4726	2016-02-25	555.520020	559.390015	545.289978	555.150024
		555.150024			
## 4727	2016-02-26	560.119995	562.500000	553.169983	555.229980
		555.229980			
## 4728	2016-02-29	554.000000	564.809998	552.510010	552.520020
		552.520020			
## 4729	2016-03-01	556.289978	579.250000	556.000000	579.039978
		579.039978			
## 4730	2016-03-02	581.750000	585.000000	573.700012	580.210022
		580.210022			
## 4731	2016-03-03	577.960022	579.869995	573.109985	577.489990
		577.489990			
## 4732	2016-03-04	581.070007	581.400024	571.070007	575.140015
		575.140015			
## 4733	2016-03-07	573.539978	573.630005	555.549988	562.799988
		562.799988			
## 4734	2016-03-08	557.869995	571.349976	554.739990	560.260010
		560.260010			
## 4735	2016-03-09	559.559998	560.349976	550.130005	559.469971
		559.469971			
## 4736	2016-03-10	566.739990	567.000000	547.900024	558.929993
		558.929993			

## 4737	2016-03-11	566.950012	570.059998	562.729980	569.609985
569.609985					
## 4738	2016-03-14	567.000000	576.890015	563.049988	573.369995
573.369995					
## 4739	2016-03-15	571.000000	581.520020	567.000000	577.020020
577.020020					
## 4740	2016-03-16	576.640015	581.320007	571.140015	574.270020
574.270020					
## 4741	2016-03-17	569.510010	571.400024	555.010010	559.440002
559.440002					
## 4742	2016-03-18	560.940002	562.330017	546.090027	552.080017
552.080017					
## 4743	2016-03-21	548.909973	555.239990	538.580017	553.979980
553.979980					
## 4744	2016-03-22	545.109985	562.760010	545.049988	560.479980
560.479980					
## 4745	2016-03-23	561.000000	572.479980	558.099976	569.630005
569.630005					
## 4746	2016-03-24	567.109985	583.549988	567.080017	582.950012
582.950012					
## 4747	2016-03-28	584.400024	584.750000	575.559998	579.869995
579.869995					
## 4748	2016-03-29	580.150024	595.849976	576.500000	593.859985
593.859985					
## 4749	2016-03-30	596.710022	603.239990	595.000000	598.690002
598.690002					
## 4750	2016-03-31	599.280029	600.750000	592.210022	593.640015
593.640015					
## 4751	2016-04-01	590.489990	599.030029	588.299988	598.500000
598.500000					
## 4752	2016-04-04	599.000000	599.500000	590.549988	593.190002
593.190002					
## 4753	2016-04-05	590.770020	593.469971	585.250000	586.140015
586.140015					
## 4754	2016-04-06	587.520020	602.390015	587.500000	602.080017
602.080017					
## 4755	2016-04-07	598.760010	599.599976	589.080017	591.429993
591.429993					
## 4756	2016-04-08	594.320007	597.859985	589.000000	594.599976
594.599976					
## 4757	2016-04-11	596.140015	604.000000	594.909973	595.929993
595.929993					
## 4758	2016-04-12	598.400024	604.059998	592.309998	603.169983
603.169983					
## 4759	2016-04-13	607.679993	616.809998	605.289978	614.820007
614.820007					
## 4760	2016-04-14	615.070007	624.380005	615.070007	620.750000
620.750000					
## 4761	2016-04-15	621.919983	626.770020	618.109985	625.890015
625.890015					

## 4762	2016-04-18	625.349976	637.640015	624.960022	635.349976
635.349976					
## 4763	2016-04-19	637.140015	638.010010	620.799988	627.900024
627.900024					
## 4764	2016-04-20	630.000000	636.549988	623.000000	632.989990
632.989990					
## 4765	2016-04-21	631.000000	637.820007	628.500000	631.000000
631.000000					
## 4766	2016-04-22	624.469971	628.250000	611.559998	620.500000
620.500000					
## 4767	2016-04-25	616.609985	626.979980	616.250000	626.200012
626.200012					
## 4768	2016-04-26	626.169983	626.750000	614.880005	616.880005
616.880005					
## 4769	2016-04-27	611.799988	615.950012	601.280029	606.570007
606.570007					
## 4770	2016-04-28	615.539978	626.799988	599.200012	602.000000
602.000000					
## 4771	2016-04-29	666.000000	669.979980	654.000000	659.590027
659.590027					
## 4772	2016-05-02	663.919983	685.500000	662.030029	683.849976
683.849976					
## 4773	2016-05-03	677.359985	680.299988	670.429993	671.320007
671.320007					
## 4774	2016-05-04	662.590027	674.000000	662.140015	670.900024
670.900024					
## 4775	2016-05-05	673.309998	676.489990	656.000000	659.090027
659.090027					
## 4776	2016-05-06	656.049988	676.950012	656.010010	673.950012
673.950012					
## 4777	2016-05-09	673.950012	686.979980	671.409973	679.750000
679.750000					
## 4778	2016-05-10	694.000000	704.549988	693.500000	703.070007
703.070007					
## 4779	2016-05-11	705.789978	719.000000	701.650024	713.229980
713.229980					
## 4780	2016-05-12	717.380005	722.450012	711.510010	717.929993
717.929993					
## 4781	2016-05-13	714.640015	719.250000	706.510010	709.919983
709.919983					
## 4782	2016-05-16	710.130005	713.250000	700.280029	710.659973
710.659973					
## 4783	2016-05-17	709.900024	714.469971	693.909973	695.270020
695.270020					
## 4784	2016-05-18	689.559998	702.539978	688.760010	697.450012
697.450012					
## 4785	2016-05-19	691.880005	699.400024	689.559998	698.520020
698.520020					
## 4786	2016-05-20	701.049988	707.239990	700.000000	702.799988
702.799988					

## 4787	2016-05-23	704.250000	706.000000	696.419983	696.750000
696.750000					
## 4788	2016-05-24	698.010010	707.500000	698.000000	704.200012
704.200012					
## 4789	2016-05-25	708.000000	710.859985	705.520020	708.349976
708.349976					
## 4790	2016-05-26	708.330017	715.000000	707.289978	714.909973
714.909973					
## 4791	2016-05-27	715.000000	716.599976	711.099976	712.239990
712.239990					
## 4792	2016-05-31	712.330017	724.229980	711.320007	722.789978
722.789978					
## 4793	2016-06-01	720.900024	726.429993	718.219971	719.440002
719.440002					
## 4794	2016-06-02	720.969971	728.280029	715.500000	728.239990
728.239990					
## 4795	2016-06-03	726.739990	727.000000	718.429993	725.539978
725.539978					
## 4796	2016-06-06	726.500000	731.500000	724.419983	726.729980
726.729980					
## 4797	2016-06-07	729.890015	730.000000	720.549988	723.739990
723.739990					
## 4798	2016-06-08	726.400024	729.419983	721.599976	726.640015
726.640015					
## 4799	2016-06-09	723.099976	728.909973	722.299988	727.650024
727.650024					
## 4800	2016-06-10	722.349976	724.979980	714.210022	717.909973
717.909973					
## 4801	2016-06-13	714.010010	721.989990	711.159973	715.239990
715.239990					
## 4802	2016-06-14	712.330017	720.809998	712.270020	719.299988
719.299988					
## 4803	2016-06-15	722.000000	722.559998	713.349976	714.260010
714.260010					
## 4804	2016-06-16	712.049988	718.000000	705.299988	717.510010
717.510010					
## 4805	2016-06-17	718.190002	718.200012	699.179993	706.390015
706.390015					
## 4806	2016-06-20	713.500000	721.309998	710.809998	714.010010
714.010010					
## 4807	2016-06-21	715.719971	718.400024	712.719971	715.820007
715.820007					
## 4808	2016-06-22	716.580017	717.000000	707.570007	710.599976
710.599976					
## 4809	2016-06-23	715.500000	722.119995	712.500000	722.080017
722.080017					
## 4810	2016-06-24	693.000000	712.530029	692.200012	698.960022
698.960022					
## 4811	2016-06-27	692.010010	696.820007	682.119995	691.359985
691.359985					

## 4812	2016-06-28	700.000000	708.000000	698.169983	707.950012
		707.950012			
## 4813	2016-06-29	715.750000	719.500000	713.539978	715.599976
		715.599976			
## 4814	2016-06-30	717.200012	719.369995	712.539978	715.619995
		715.619995			
## 4815	2016-07-01	717.320007	728.000000	716.539978	725.679993
		725.679993			
## 4816	2016-07-05	722.799988	729.559998	719.609985	728.099976
		728.099976			
## 4817	2016-07-06	725.710022	737.770020	722.580017	737.609985
		737.609985			
## 4818	2016-07-07	739.330017	739.549988	731.630005	736.570007
		736.570007			
## 4819	2016-07-08	740.140015	746.099976	738.000000	745.809998
		745.809998			
## 4820	2016-07-11	750.000000	755.900024	747.000000	753.780029
		753.780029			
## 4821	2016-07-12	756.859985	757.340027	740.330017	748.210022
		748.210022			
## 4822	2016-07-13	746.760010	756.869995	741.250000	742.630005
		742.630005			
## 4823	2016-07-14	748.859985	749.039978	739.020020	741.200012
		741.200012			
## 4824	2016-07-15	746.549988	746.549988	734.049988	735.440002
		735.440002			
## 4825	2016-07-18	735.489990	741.599976	728.719971	736.070007
		736.070007			
## 4826	2016-07-19	732.500000	743.330017	732.309998	739.950012
		739.950012			
## 4827	2016-07-20	744.000000	746.250000	740.700012	745.719971
		745.719971			
## 4828	2016-07-21	747.500000	749.359985	742.789978	744.429993
		744.429993			
## 4829	2016-07-22	747.789978	751.280029	743.530029	744.859985
		744.859985			
## 4830	2016-07-25	746.549988	748.500000	735.349976	739.609985
		739.609985			
## 4831	2016-07-26	742.710022	743.130005	732.750000	735.590027
		735.590027			
## 4832	2016-07-27	737.969971	740.940002	733.859985	736.669983
		736.669983			
## 4833	2016-07-28	745.979980	753.359985	739.700012	752.609985
		752.609985			
## 4834	2016-07-29	765.000000	766.000000	755.000000	758.809998
		758.809998			
## 4835	2016-08-01	759.869995	770.500000	757.059998	767.739990
		767.739990			
## 4836	2016-08-02	763.809998	765.010010	757.020020	760.580017
		760.580017			

## 4837	2016-08-03	757.059998	758.890015	752.250000	754.640015
754.640015					
## 4838	2016-08-04	753.700012	765.000000	750.349976	760.770020
760.770020					
## 4839	2016-08-05	764.809998	768.469971	763.090027	765.979980
765.979980					
## 4840	2016-08-08	766.809998	767.000000	761.020020	766.559998
766.559998					
## 4841	2016-08-09	767.390015	772.599976	766.900024	768.309998
768.309998					
## 4842	2016-08-10	769.799988	772.099976	766.190002	768.559998
768.559998					
## 4843	2016-08-11	769.940002	773.750000	769.119995	771.239990
771.239990					
## 4844	2016-08-12	768.460022	773.150024	768.419983	772.559998
772.559998					
## 4845	2016-08-15	771.900024	772.039978	767.710022	768.489990
768.489990					
## 4846	2016-08-16	768.619995	768.729980	763.820007	764.039978
764.039978					
## 4847	2016-08-17	764.409973	765.219971	759.200012	764.630005
764.630005					
## 4848	2016-08-18	764.000000	765.169983	760.599976	764.460022
764.460022					
## 4849	2016-08-19	761.900024	762.489990	756.890015	757.309998
757.309998					
## 4850	2016-08-22	757.500000	759.849976	752.099976	759.479980
759.479980					
## 4851	2016-08-23	763.309998	764.700012	761.000000	762.450012
762.450012					
## 4852	2016-08-24	763.000000	763.409973	755.359985	757.250000
757.250000					
## 4853	2016-08-25	756.000000	760.559998	754.739990	759.219971
759.219971					
## 4854	2016-08-26	760.049988	770.000000	759.799988	769.000000
769.000000					
## 4855	2016-08-29	768.719971	774.979980	768.599976	771.289978
771.289978					
## 4856	2016-08-30	771.049988	771.840027	765.559998	767.580017
767.580017					
## 4857	2016-08-31	766.599976	769.640015	764.000000	769.159973
769.159973					
## 4858	2016-09-01	770.900024	772.039978	766.750000	770.619995
770.619995					
## 4859	2016-09-02	774.109985	776.000000	771.700012	772.440002
772.440002					
## 4860	2016-09-06	774.039978	789.479980	770.219971	788.869995
788.869995					
## 4861	2016-09-07	789.530029	790.789978	784.330017	784.479980
784.479980					

## 4862	2016-09-08	783.890015	786.500000	781.440002	784.059998
784.059998					
## 4863	2016-09-09	779.359985	781.000000	760.109985	760.140015
760.140015					
## 4864	2016-09-12	757.349976	772.659973	756.000000	771.489990
771.489990					
## 4865	2016-09-13	768.770020	769.890015	759.049988	761.010010
761.010010					
## 4866	2016-09-14	762.200012	767.500000	758.849976	761.090027
761.090027					
## 4867	2016-09-15	762.000000	770.869995	757.580017	769.690002
769.690002					
## 4868	2016-09-16	773.280029	780.460022	771.659973	778.520020
778.520020					
## 4869	2016-09-19	779.969971	781.940002	771.000000	775.099976
775.099976					
## 4870	2016-09-20	776.000000	781.369995	776.000000	780.219971
780.219971					
## 4871	2016-09-21	783.250000	790.690002	779.010010	789.739990
789.739990					
## 4872	2016-09-22	794.270020	805.890015	794.270020	804.700012
804.700012					
## 4873	2016-09-23	803.130005	807.750000	802.119995	805.750000
805.750000					
## 4874	2016-09-26	801.799988	805.929993	797.150024	799.159973
799.159973					
## 4875	2016-09-27	801.849976	816.640015	801.109985	816.109985
816.109985					
## 4876	2016-09-28	818.000000	830.140015	817.030029	828.719971
828.719971					
## 4877	2016-09-29	828.260010	837.500000	824.630005	829.049988
829.049988					
## 4878	2016-09-30	832.609985	839.950012	832.400024	837.309998
837.309998					
## 4879	2016-10-03	836.000000	839.859985	831.250000	836.739990
836.739990					
## 4880	2016-10-04	840.909973	842.369995	830.260010	834.030029
834.030029					
## 4881	2016-10-05	838.000000	845.669983	836.119995	844.359985
844.359985					
## 4882	2016-10-06	843.700012	847.210022	840.599976	841.659973
841.659973					
## 4883	2016-10-07	845.789978	845.950012	837.450012	839.429993
839.429993					
## 4884	2016-10-10	843.250000	845.200012	840.270020	841.710022
841.710022					
## 4885	2016-10-11	841.020020	841.289978	828.349976	831.000000
831.000000					
## 4886	2016-10-12	834.000000	837.669983	830.099976	834.090027
834.090027					

## 4887	2016-10-13	829.000000	831.799988	821.210022	829.280029
829.280029					
## 4888	2016-10-14	835.080017	835.739990	822.960022	822.960022
822.960022					
## 4889	2016-10-17	821.500000	822.000000	811.679993	812.950012
812.950012					
## 4890	2016-10-18	822.109985	823.260010	815.020020	817.650024
817.650024					
## 4891	2016-10-19	820.400024	820.669983	815.169983	817.690002
817.690002					
## 4892	2016-10-20	813.989990	815.710022	803.099976	810.320007
810.320007					
## 4893	2016-10-21	809.359985	819.419983	809.000000	818.989990
818.989990					
## 4894	2016-10-24	824.950012	838.299988	822.210022	838.090027
838.090027					
## 4895	2016-10-25	839.299988	843.090027	833.219971	835.179993
835.179993					
## 4896	2016-10-26	832.760010	833.440002	820.000000	822.590027
822.590027					
## 4897	2016-10-27	831.239990	831.719971	815.429993	818.359985
818.359985					
## 4898	2016-10-28	782.000000	789.489990	774.609985	776.320007
776.320007					
## 4899	2016-10-31	781.030029	793.700012	780.109985	789.820007
789.820007					
## 4900	2016-11-01	799.000000	800.840027	776.710022	785.409973
785.409973					
## 4901	2016-11-02	783.929993	784.750000	763.549988	765.559998
765.559998					
## 4902	2016-11-03	765.049988	777.000000	764.000000	767.030029
767.030029					
## 4903	2016-11-04	762.789978	766.000000	753.229980	755.049988
755.049988					
## 4904	2016-11-07	771.640015	787.729980	770.940002	784.929993
784.929993					
## 4905	2016-11-08	784.969971	791.739990	779.099976	787.750000
787.750000					
## 4906	2016-11-09	764.000000	777.500000	760.090027	771.880005
771.880005					
## 4907	2016-11-10	778.809998	778.830017	717.700012	742.380005
742.380005					
## 4908	2016-11-11	735.729980	743.260010	728.900024	739.010010
739.010010					
## 4909	2016-11-14	745.510010	746.000000	710.099976	719.070007
719.070007					
## 4910	2016-11-15	730.000000	746.780029	725.989990	743.239990
743.239990					
## 4911	2016-11-16	739.880005	749.869995	735.609985	746.489990
746.489990					

## 4912	2016-11-17	749.320007	757.500000	748.000000	756.400024
		756.400024			
## 4913	2016-11-18	761.000000	767.739990	757.640015	760.159973
	760.159973				
## 4914	2016-11-21	766.000000	780.349976	765.109985	780.000000
	780.000000				
## 4915	2016-11-22	788.169983	792.400024	781.000000	785.330017
	785.330017				
## 4916	2016-11-23	781.729980	781.750000	773.119995	780.119995
	780.119995				
## 4917	2016-11-25	786.500000	786.750000	777.900024	780.369995
	780.369995				
## 4918	2016-11-28	776.989990	777.000000	764.239990	766.770020
	766.770020				
## 4919	2016-11-29	768.000000	769.890015	761.320007	762.520020
	762.520020				
## 4920	2016-11-30	762.000000	768.090027	750.250000	750.570007
	750.570007				
## 4921	2016-12-01	752.409973	753.369995	738.030029	743.650024
	743.650024				
## 4922	2016-12-02	743.400024	748.489990	736.700012	740.340027
	740.340027				
## 4923	2016-12-05	745.000000	761.489990	742.000000	759.359985
	759.359985				
## 4924	2016-12-06	763.989990	768.239990	757.250000	764.719971
	764.719971				
## 4925	2016-12-07	764.549988	770.419983	755.820007	770.419983
	770.419983				
## 4926	2016-12-08	771.869995	773.789978	765.190002	767.330017
	767.330017				
## 4927	2016-12-09	770.000000	770.250000	765.340027	768.659973
	768.659973				
## 4928	2016-12-12	766.400024	766.890015	757.200012	760.119995
	760.119995				
## 4929	2016-12-13	764.960022	782.460022	762.000000	774.340027
	774.340027				
## 4930	2016-12-14	778.250000	780.859985	762.809998	768.820007
	768.820007				
## 4931	2016-12-15	766.280029	769.099976	760.309998	761.000000
	761.000000				
## 4932	2016-12-16	765.000000	765.130005	754.000000	757.770020
	757.770020				
## 4933	2016-12-19	758.890015	770.500000	756.159973	766.000000
	766.000000				
## 4934	2016-12-20	768.650024	774.390015	767.710022	771.219971
	771.219971				
## 4935	2016-12-21	770.000000	771.219971	765.700012	770.599976
	770.599976				
## 4936	2016-12-22	768.119995	771.210022	763.020020	766.340027
	766.340027				

## 4937	2016-12-23	764.549988	766.500000	757.989990	760.590027
760.590027					
## 4938	2016-12-27	763.400024	774.650024	761.200012	771.400024
771.400024					
## 4939	2016-12-28	776.250000	780.000000	770.500000	772.130005
772.130005					
## 4940	2016-12-29	772.400024	773.400024	760.849976	765.150024
765.150024					
## 4941	2016-12-30	766.469971	767.400024	748.280029	749.869995
749.869995					
## 4942	2017-01-03	757.919983	758.760010	747.700012	753.669983
753.669983					
## 4943	2017-01-04	758.390015	759.679993	754.200012	757.179993
757.179993					
## 4944	2017-01-05	761.549988	782.400024	760.260010	780.450012
780.450012					
## 4945	2017-01-06	782.359985	799.440002	778.479980	795.989990
795.989990					
## 4946	2017-01-09	798.000000	801.770020	791.770020	796.919983
796.919983					
## 4947	2017-01-10	796.599976	798.000000	789.539978	795.900024
795.900024					
## 4948	2017-01-11	793.659973	799.500000	789.510010	799.020020
799.020020					
## 4949	2017-01-12	800.309998	814.130005	799.500000	813.640015
813.640015					
## 4950	2017-01-13	814.320007	821.650024	811.400024	817.140015
817.140015					
## 4951	2017-01-17	815.700012	816.000000	803.440002	809.719971
809.719971					
## 4952	2017-01-18	809.500000	811.729980	804.270020	807.479980
807.479980					
## 4953	2017-01-19	810.000000	813.510010	807.320007	809.039978
809.039978					
## 4954	2017-01-20	815.280029	816.020020	806.260010	808.330017
808.330017					
## 4955	2017-01-23	806.799988	818.500000	805.080017	817.880005
817.880005					
## 4956	2017-01-24	822.000000	823.989990	814.500000	822.440002
822.440002					
## 4957	2017-01-25	825.789978	837.419983	825.289978	836.520020
836.520020					
## 4958	2017-01-26	835.530029	843.840027	833.000000	839.150024
839.150024					
## 4959	2017-01-27	839.000000	839.700012	829.440002	835.770020
835.770020					
## 4960	2017-01-30	833.000000	833.500000	816.380005	830.380005
830.380005					
## 4961	2017-01-31	823.750000	826.989990	819.559998	823.479980
823.479980					

## 4962	2017-02-01	829.210022	833.780029	824.940002	832.349976
		832.349976			
## 4963	2017-02-02	836.590027	842.489990	828.260010	839.950012
		839.950012			
## 4964	2017-02-03	806.719971	818.299988	804.000000	810.200012
		810.200012			
## 4965	2017-02-06	809.799988	810.719971	803.000000	807.640015
		807.640015			
## 4966	2017-02-07	809.309998	816.159973	807.500000	812.500000
		812.500000			
## 4967	2017-02-08	812.690002	821.479980	812.500000	819.710022
		819.710022			
## 4968	2017-02-09	821.599976	825.000000	819.710022	821.359985
		821.359985			
## 4969	2017-02-10	823.820007	828.000000	822.849976	827.460022
		827.460022			
## 4970	2017-02-13	831.619995	843.000000	828.549988	836.530029
		836.530029			
## 4971	2017-02-14	837.000000	838.309998	831.450012	836.390015
		836.390015			
## 4972	2017-02-15	834.000000	842.809998	832.820007	842.700012
		842.700012			
## 4973	2017-02-16	841.840027	845.000000	839.380005	844.140015
		844.140015			
## 4974	2017-02-17	842.000000	847.270020	840.729980	845.070007
		845.070007			
## 4975	2017-02-21	848.840027	857.979980	847.250000	856.440002
		856.440002			
## 4976	2017-02-22	856.950012	858.429993	852.179993	855.609985
		855.609985			
## 4977	2017-02-23	857.570007	860.859985	848.000000	852.190002
		852.190002			
## 4978	2017-02-24	844.690002	845.809998	837.750000	845.239990
		845.239990			
## 4979	2017-02-27	842.380005	852.500000	839.669983	848.640015
		848.640015			
## 4980	2017-02-28	851.450012	854.090027	842.049988	845.039978
		845.039978			
## 4981	2017-03-01	853.049988	854.830017	849.010010	853.080017
		853.080017			
## 4982	2017-03-02	853.080017	854.820007	847.280029	848.909973
		848.909973			
## 4983	2017-03-03	847.200012	851.989990	846.270020	849.880005
		849.880005			
## 4984	2017-03-06	845.229980	848.489990	841.119995	846.609985
		846.609985			
## 4985	2017-03-07	845.479980	848.460022	843.750000	846.020020
		846.020020			
## 4986	2017-03-08	848.000000	853.070007	846.789978	850.500000
		850.500000			

## 4987	2017-03-09	851.000000	856.400024	850.309998	853.000000
		853.000000			
## 4988	2017-03-10	857.000000	857.349976	851.719971	852.460022
		852.460022			
## 4989	2017-03-13	851.770020	855.690002	851.710022	854.590027
		854.590027			
## 4990	2017-03-14	853.549988	853.750000	847.549988	852.530029
		852.530029			
## 4991	2017-03-15	854.330017	854.450012	847.109985	852.969971
		852.969971			
## 4992	2017-03-16	855.299988	855.500000	850.510010	853.419983
		853.419983			
## 4993	2017-03-17	853.489990	853.830017	850.640015	852.309998
		852.309998			
## 4994	2017-03-20	851.510010	857.799988	851.010010	856.969971
		856.969971			
## 4995	2017-03-21	858.840027	862.799988	841.309998	843.200012
		843.200012			
## 4996	2017-03-22	840.429993	849.369995	839.049988	848.059998
		848.059998			
## 4997	2017-03-23	848.200012	850.890015	844.799988	847.380005
		847.380005			
## 4998	2017-03-24	851.679993	851.799988	843.530029	845.609985
		845.609985			
## 4999	2017-03-27	838.070007	850.299988	833.500000	846.820007
		846.820007			
## 5000	2017-03-28	851.750000	858.460022	850.099976	856.000000
		856.000000			
## 5001	2017-03-29	859.049988	876.440002	859.020020	874.320007
		874.320007			
## 5002	2017-03-30	874.950012	877.059998	871.659973	876.340027
		876.340027			
## 5003	2017-03-31	877.000000	890.349976	876.650024	886.539978
		886.539978			
## 5004	2017-04-03	888.000000	893.489990	885.419983	891.510010
		891.510010			
## 5005	2017-04-04	891.500000	908.539978	890.280029	906.830017
		906.830017			
## 5006	2017-04-05	910.820007	923.719971	905.619995	909.280029
		909.280029			
## 5007	2017-04-06	913.799988	917.190002	894.489990	898.280029
		898.280029			
## 5008	2017-04-07	899.650024	900.090027	889.309998	894.880005
		894.880005			
## 5009	2017-04-10	899.630005	908.510010	899.000000	907.039978
		907.039978			
## 5010	2017-04-11	907.039978	911.239990	897.500000	902.359985
		902.359985			
## 5011	2017-04-12	903.090027	904.090027	895.250000	896.229980
		896.229980			

## 5012	2017-04-13	891.450012	894.969971	884.489990	884.669983
884.669983					
## 5013	2017-04-17	887.500000	902.380005	887.500000	901.989990
901.989990					
## 5014	2017-04-18	900.989990	909.609985	900.780029	903.780029
903.780029					
## 5015	2017-04-19	907.840027	910.500000	897.369995	899.200012
899.200012					
## 5016	2017-04-20	899.700012	905.320007	896.289978	902.059998
902.059998					
## 5017	2017-04-21	902.669983	903.650024	896.770020	898.530029
898.530029					
## 5018	2017-04-24	908.679993	909.989990	903.820007	907.409973
907.409973					
## 5019	2017-04-25	907.039978	909.479980	903.000000	907.619995
907.619995					
## 5020	2017-04-26	910.299988	915.750000	907.559998	909.289978
909.289978					
## 5021	2017-04-27	914.390015	921.859985	912.109985	918.380005
918.380005					
## 5022	2017-04-28	948.830017	949.590027	924.330017	924.989990
924.989990					
## 5023	2017-05-01	927.799988	954.400024	927.799988	948.229980
948.229980					
## 5024	2017-05-02	946.650024	950.099976	941.409973	946.940002
946.940002					
## 5025	2017-05-03	946.000000	946.000000	935.900024	941.030029
941.030029					
## 5026	2017-05-04	944.750000	945.000000	934.219971	937.530029
937.530029					
## 5027	2017-05-05	940.520020	940.789978	930.299988	934.150024
934.150024					
## 5028	2017-05-08	940.950012	949.049988	939.210022	949.039978
949.039978					
## 5029	2017-05-09	952.799988	957.890015	950.200012	952.820007
952.820007					
## 5030	2017-05-10	953.500000	953.750000	945.000000	948.950012
948.950012					
## 5031	2017-05-11	945.109985	950.289978	940.780029	947.619995
947.619995					
## 5032	2017-05-12	954.500000	962.789978	951.530029	961.349976
961.349976					
## 5033	2017-05-15	958.729980	963.150024	956.059998	957.969971
957.969971					
## 5034	2017-05-16	961.000000	970.059998	960.909973	966.070007
966.070007					
## 5035	2017-05-17	954.700012	960.400024	944.119995	944.760010
944.760010					
## 5036	2017-05-18	944.799988	962.750000	944.760010	958.489990
958.489990					

## 5037	2017-05-19	962.840027	968.919983	959.719971	959.840027
959.840027					
## 5038	2017-05-22	964.000000	971.380005	962.900024	970.669983
970.669983					
## 5039	2017-05-23	975.020020	975.200012	966.849976	971.539978
971.539978					
## 5040	2017-05-24	976.000000	981.000000	970.229980	980.349976
980.349976					
## 5041	2017-05-25	984.849976	999.000000	982.109985	993.380005
993.380005					
## 5042	2017-05-26	995.000000	998.650024	989.250000	995.780029
995.780029					
## 5043	2017-05-30	996.510010	1001.200012	995.520020	996.700012
996.700012					
## 5044	2017-05-31	1000.000000	1000.119995	982.159973	994.619995
994.619995					
## 5045	2017-06-01	998.590027	998.989990	991.369995	995.950012
995.950012					
## 5046	2017-06-02	998.989990	1008.479980	995.669983	1006.729980
1006.729980					
## 5047	2017-06-05	1007.229980	1013.210022	1003.510010	1011.340027
1011.340027					
## 5048	2017-06-06	1012.000000	1016.500000	1001.250000	1003.000000
1003.000000					
## 5049	2017-06-07	1005.950012	1010.250000	1002.000000	1010.070007
1010.070007					
## 5050	2017-06-08	1012.059998	1013.609985	1006.109985	1010.270020
1010.270020					
## 5051	2017-06-09	1012.500000	1012.989990	927.000000	978.309998
978.309998					
## 5052	2017-06-12	967.000000	975.950012	945.000000	964.909973
964.909973					
## 5053	2017-06-13	977.989990	984.500000	966.099976	980.789978
980.789978					
## 5054	2017-06-14	988.590027	990.340027	966.710022	976.469971
976.469971					
## 5055	2017-06-15	958.700012	965.729980	950.859985	964.169983
964.169983					
## 5056	2017-06-16	996.000000	999.750000	982.000000	987.710022
987.710022					
## 5057	2017-06-19	1017.000000	1017.000000	989.900024	995.169983
995.169983					
## 5058	2017-06-20	998.000000	1004.880005	992.020020	992.590027
992.590027					
## 5059	2017-06-21	998.700012	1002.719971	992.650024	1002.229980
1002.229980					
## 5060	2017-06-22	1002.229980	1006.960022	997.200012	1001.299988
1001.299988					
## 5061	2017-06-23	1002.539978	1004.619995	998.020020	1003.739990
1003.739990					

```

## 5062 2017-06-26 1008.500000 1009.799988 992.000000 993.979980
993.979980
## 5063 2017-06-27 990.690002 998.799988 976.000000 976.780029
976.780029
## 5064 2017-06-28 978.549988 990.679993 969.210022 990.330017
990.330017
## 5065 2017-06-29 979.000000 987.559998 965.250000 975.929993
975.929993
## 5066 2017-06-30 980.119995 983.469971 967.609985 968.000000
968.000000
## 5067 2017-07-03 972.789978 974.489990 951.000000 953.659973
953.659973
## 5068 2017-07-05 961.530029 975.000000 955.250000 971.400024
971.400024
## 5069 2017-07-06 964.659973 974.400024 959.020020 965.140015
965.140015
## 5070 2017-07-07 969.549988 980.109985 969.140015 978.760010
978.760010
## 5071 2017-07-10 985.000000 999.440002 983.500000 996.469971
996.469971
## 5072 2017-07-11 993.000000 995.989990 983.719971 994.130005
994.130005
## 5073 2017-07-12 1000.650024 1008.549988 998.099976 1006.510010
1006.510010
## 5074 2017-07-13 1004.619995 1006.880005 995.900024 1000.630005
1000.630005
## 5075 2017-07-14 1002.400024 1004.450012 996.890015 1001.809998
1001.809998
## 5076 2017-07-17 1004.690002 1014.750000 1003.809998 1010.039978
1010.039978
## 5077 2017-07-18 1006.000000 1026.030029 1004.000000 1024.449951
1024.449951
## 5078 2017-07-19 1025.000000 1031.589966 1022.500000 1026.869995
1026.869995
## 5079 2017-07-20 1031.589966 1034.969971 1022.520020 1028.699951
1028.699951
## 5080 2017-07-21 1021.280029 1026.099976 1011.000000 1025.670044
1025.670044
## 5081 2017-07-24 1028.339966 1043.010010 1027.430054 1038.949951
1038.949951
## 5082 2017-07-25 1038.050049 1043.329956 1032.479980 1039.869995
1039.869995
## 5083 2017-07-26 1043.199951 1053.199951 1043.199951 1052.800049
1052.800049
## 5084 2017-07-27 1069.550049 1083.310059 1040.180054 1046.000000
1046.000000
## 5085 2017-07-28 1012.140015 1032.849976 1001.000000 1020.039978
1020.039978
## 5086 2017-07-31 1019.049988 1019.049988 987.020020 987.780029
987.780029

```

## 5087	2017-08-01	996.109985	1006.400024	991.580017	996.190002
996.190002					
## 5088	2017-08-02	1001.770020	1003.210022	981.729980	995.890015
995.890015					
## 5089	2017-08-03	999.469971	999.500000	984.590027	986.919983
986.919983					
## 5090	2017-08-04	989.679993	991.669983	982.000000	987.580017
987.580017					
## 5091	2017-08-07	990.650024	995.000000	987.140015	992.270020
992.270020					
## 5092	2017-08-08	994.349976	996.280029	985.789978	989.840027
989.840027					
## 5093	2017-08-09	982.599976	988.000000	975.270020	982.010010
982.010010					
## 5094	2017-08-10	976.299988	979.859985	954.679993	956.919983
956.919983					
## 5095	2017-08-11	960.000000	970.390015	951.380005	967.989990
967.989990					
## 5096	2017-08-14	978.409973	985.500000	976.190002	983.299988
983.299988					
## 5097	2017-08-15	988.900024	991.739990	982.000000	982.739990
982.739990					
## 5098	2017-08-16	981.650024	986.460022	973.219971	978.179993
978.179993					
## 5099	2017-08-17	977.840027	977.840027	960.320007	960.570007
960.570007					
## 5100	2017-08-18	961.400024	965.429993	954.650024	958.469971
958.469971					
## 5101	2017-08-21	957.570007	961.200012	945.460022	953.289978
953.289978					
## 5102	2017-08-22	955.520020	967.929993	955.500000	966.900024
966.900024					
## 5103	2017-08-23	959.380005	962.000000	954.200012	958.000000
958.000000					
## 5104	2017-08-24	957.419983	959.000000	941.140015	952.450012
952.450012					
## 5105	2017-08-25	956.000000	957.619995	944.099976	945.260010
945.260010					
## 5106	2017-08-28	946.539978	953.000000	942.250000	946.020020
946.020020					
## 5107	2017-08-29	940.000000	956.000000	936.330017	954.059998
954.059998					
## 5108	2017-08-30	958.440002	969.409973	956.909973	967.590027
967.590027					
## 5109	2017-08-31	974.700012	981.000000	972.760010	980.599976
980.599976					
## 5110	2017-09-01	984.200012	984.500000	976.880005	978.250000
978.250000					
## 5111	2017-09-05	975.400024	976.770020	960.369995	965.270020
965.270020					

## 5112	2017-09-06	968.320007	971.840027	960.599976	967.799988
967.799988					
## 5113	2017-09-07	974.000000	980.590027	972.549988	979.469971
979.469971					
## 5114	2017-09-08	979.099976	979.880005	963.469971	965.900024
965.900024					
## 5115	2017-09-11	974.460022	981.940002	974.219971	977.960022
977.960022					
## 5116	2017-09-12	983.270020	984.669983	975.520020	982.580017
982.580017					
## 5117	2017-09-13	983.969971	1000.000000	979.419983	999.599976
999.599976					
## 5118	2017-09-14	996.799988	998.559998	987.739990	992.210022
992.210022					
## 5119	2017-09-15	993.010010	996.250000	984.030029	986.789978
986.789978					
## 5120	2017-09-18	990.400024	992.789978	968.169983	974.190002
974.190002					
## 5121	2017-09-19	977.250000	978.239990	967.460022	969.859985
969.859985					
## 5122	2017-09-20	971.789978	974.809998	962.159973	973.210022
973.210022					
## 5123	2017-09-21	971.309998	971.700012	962.020020	964.650024
964.650024					
## 5124	2017-09-22	961.010010	965.609985	954.419983	955.099976
955.099976					
## 5125	2017-09-25	949.309998	949.419983	932.890015	939.789978
939.789978					
## 5126	2017-09-26	945.489990	948.630005	931.750000	938.599976
938.599976					
## 5127	2017-09-27	948.000000	955.299988	943.299988	950.869995
950.869995					
## 5128	2017-09-28	951.859985	959.700012	950.099976	956.400024
956.400024					
## 5129	2017-09-29	960.109985	964.830017	958.380005	961.349976
961.349976					
## 5130	2017-10-02	964.000000	967.309998	952.119995	959.190002
959.190002					
## 5131	2017-10-03	958.000000	963.690002	950.369995	957.099976
957.099976					
## 5132	2017-10-04	954.210022	967.789978	954.049988	965.450012
965.450012					
## 5133	2017-10-05	970.000000	981.510010	969.640015	980.849976
980.849976					
## 5134	2017-10-06	975.640015	995.750000	975.640015	989.580017
989.580017					
## 5135	2017-10-09	993.239990	998.500000	987.500000	990.989990
990.989990					
## 5136	2017-10-10	996.669983	997.950012	980.099976	987.200012
987.200012					

```
## 5137 2017-10-11 991.270020 995.500000 986.700012 995.000000  
995.000000  
## 5138 2017-10-12 996.809998 1008.440002 992.400024 1000.929993  
1000.929993  
## 5139 2017-10-13 1007.000000 1007.770020 1001.030029 1002.940002  
1002.940002  
## 5140 2017-10-16 1008.440002 1009.570007 1001.039978 1006.340027  
1006.340027  
## 5141 2017-10-17 1005.590027 1011.469971 1004.380005 1009.130005  
1009.130005  
## 5142 2017-10-18 1009.270020 1022.309998 996.549988 997.000000  
997.000000  
## 5143 2017-10-19 990.000000 991.049988 980.239990 986.609985  
986.609985  
## 5144 2017-10-20 993.530029 994.619995 982.000000 982.909973  
982.909973  
## 5145 2017-10-23 986.729980 986.780029 962.500000 966.299988  
966.299988  
## 5146 2017-10-24 969.000000 979.849976 965.000000 975.900024  
975.900024  
## 5147 2017-10-25 978.000000 984.440002 966.239990 972.909973  
972.909973  
## 5148 2017-10-26 980.330017 982.900024 968.549988 972.429993  
972.429993  
## 5149 2017-10-27 1058.140015 1105.579956 1050.550049 1100.949951  
1100.949951  
## 5150 2017-10-30 1095.010010 1122.790039 1093.560059 1110.849976  
1110.849976  
## 5151 2017-10-31 1109.000000 1110.540039 1101.119995 1105.280029  
1105.280029  
## 5152 2017-11-01 1105.400024 1108.969971 1096.739990 1103.680054  
1103.680054  
## 5153 2017-11-02 1097.810059 1101.939941 1086.869995 1094.219971  
1094.219971  
## 5154 2017-11-03 1091.150024 1112.680054 1088.520020 1111.599976  
1111.599976  
## 5155 2017-11-06 1109.150024 1125.410034 1108.770020 1120.660034  
1120.660034  
## 5156 2017-11-07 1124.739990 1130.599976 1117.500000 1123.170044  
1123.170044  
## 5157 2017-11-08 1122.819946 1135.540039 1119.109985 1132.880005  
1132.880005  
## 5158 2017-11-09 1125.959961 1129.619995 1115.770020 1129.130005  
1129.130005  
## 5159 2017-11-10 1126.099976 1131.750000 1124.060059 1125.349976  
1125.349976  
## 5160 2017-11-13 1123.000000 1139.900024 1122.339966 1129.170044  
1129.170044  
## 5161 2017-11-14 1130.109985 1138.000000 1123.890015 1136.839966  
1136.839966
```

```
## 5162 2017-11-15 1127.010010 1131.750000 1121.630005 1126.689941  
1126.689941  
## 5163 2017-11-16 1130.160034 1138.160034 1130.050049 1137.290039  
1137.290039  
## 5164 2017-11-17 1138.280029 1138.800049 1125.810059 1129.880005  
1129.880005  
## 5165 2017-11-20 1129.770020 1133.420044 1122.550049 1126.310059  
1126.310059  
## 5166 2017-11-21 1132.859985 1140.000000 1128.199951 1139.489990  
1139.489990  
## 5167 2017-11-22 1141.000000 1160.270020 1141.000000 1156.160034  
1156.160034  
## 5168 2017-11-24 1160.699951 1186.839966 1160.699951 1186.000000  
1186.000000  
## 5169 2017-11-27 1202.660034 1213.410034 1191.150024 1195.829956  
1195.829956  
## 5170 2017-11-28 1204.880005 1205.339966 1188.520020 1193.599976  
1193.599976  
## 5171 2017-11-29 1194.800049 1194.800049 1145.189941 1161.270020  
1161.270020  
## 5172 2017-11-30 1167.099976 1178.569946 1160.000000 1176.750000  
1176.750000  
## 5173 2017-12-01 1172.050049 1179.650024 1152.000000 1162.349976  
1162.349976  
## 5174 2017-12-04 1173.849976 1175.199951 1128.000000 1133.949951  
1133.949951  
## 5175 2017-12-05 1128.260010 1159.270020 1124.739990 1141.569946  
1141.569946  
## 5176 2017-12-06 1137.989990 1155.890015 1136.079956 1152.349976  
1152.349976  
## 5177 2017-12-07 1156.589966 1163.189941 1151.000000 1159.790039  
1159.790039  
## 5178 2017-12-08 1170.400024 1172.790039 1157.099976 1162.000000  
1162.000000  
## 5179 2017-12-11 1164.599976 1169.900024 1157.000000 1168.920044  
1168.920044  
## 5180 2017-12-12 1166.510010 1173.599976 1161.609985 1165.079956  
1165.079956  
## 5181 2017-12-13 1170.000000 1170.869995 1160.270020 1164.130005  
1164.130005  
## 5182 2017-12-14 1163.709961 1177.930054 1162.449951 1174.260010  
1174.260010  
## 5183 2017-12-15 1179.030029 1182.750000 1169.329956 1179.140015  
1179.140015  
## 5184 2017-12-18 1187.369995 1194.780029 1180.910034 1190.579956  
1190.579956  
## 5185 2017-12-19 1189.150024 1192.969971 1179.140015 1187.380005  
1187.380005  
## 5186 2017-12-20 1190.500000 1191.000000 1176.000000 1177.619995  
1177.619995
```

```
## 5187 2017-12-21 1175.900024 1179.170044 1167.640015 1174.760010  
1174.760010  
## 5188 2017-12-22 1172.079956 1174.619995 1167.829956 1168.359985  
1168.359985  
## 5189 2017-12-26 1168.359985 1178.319946 1160.550049 1176.760010  
1176.760010  
## 5190 2017-12-27 1179.910034 1187.290039 1175.609985 1182.260010  
1182.260010  
## 5191 2017-12-28 1189.000000 1190.099976 1184.380005 1186.099976  
1186.099976  
## 5192 2017-12-29 1182.349976 1184.000000 1167.500000 1169.469971  
1169.469971  
## 5193 2018-01-02 1172.000000 1190.000000 1170.510010 1189.010010  
1189.010010  
## 5194 2018-01-03 1188.300049 1205.489990 1188.300049 1204.199951  
1204.199951  
## 5195 2018-01-04 1205.000000 1215.869995 1204.660034 1209.589966  
1209.589966  
## 5196 2018-01-05 1217.510010 1229.140015 1210.000000 1229.140015  
1229.140015  
## 5197 2018-01-08 1236.000000 1253.079956 1232.030029 1246.869995  
1246.869995  
## 5198 2018-01-09 1256.900024 1259.329956 1241.760010 1252.699951  
1252.699951  
## 5199 2018-01-10 1245.150024 1254.329956 1237.229980 1254.329956  
1254.329956  
## 5200 2018-01-11 1259.739990 1276.770020 1256.459961 1276.680054  
1276.680054  
## 5201 2018-01-12 1273.390015 1305.760010 1273.390015 1305.199951  
1305.199951  
## 5202 2018-01-16 1323.000000 1339.939941 1292.300049 1304.859985  
1304.859985  
## 5203 2018-01-17 1312.239990 1314.000000 1280.880005 1295.000000  
1295.000000  
## 5204 2018-01-18 1293.949951 1304.599976 1284.020020 1293.319946  
1293.319946  
## 5205 2018-01-19 1312.000000 1313.000000 1292.989990 1294.579956  
1294.579956  
## 5206 2018-01-22 1297.170044 1327.449951 1296.660034 1327.310059  
1327.310059  
## 5207 2018-01-23 1338.089966 1364.900024 1337.339966 1362.540039  
1362.540039  
## 5208 2018-01-24 1374.819946 1388.160034 1338.000000 1357.510010  
1357.510010  
## 5209 2018-01-25 1368.000000 1378.339966 1357.619995 1377.949951  
1377.949951  
## 5210 2018-01-26 1392.010010 1402.530029 1380.910034 1402.050049  
1402.050049  
## 5211 2018-01-29 1409.180054 1431.390015 1400.439941 1417.680054  
1417.680054
```

```
## 5212 2018-01-30 1403.170044 1439.250000 1392.000000 1437.819946  
1437.819946  
## 5213 2018-01-31 1451.300049 1472.579956 1450.040039 1450.890015  
1450.890015  
## 5214 2018-02-01 1445.000000 1459.880005 1385.140015 1390.000000  
1390.000000  
## 5215 2018-02-02 1477.390015 1498.000000 1414.000000 1429.949951  
1429.949951  
## 5216 2018-02-05 1402.619995 1458.979980 1320.719971 1390.000000  
1390.000000  
## 5217 2018-02-06 1361.459961 1443.989990 1351.790039 1442.839966  
1442.839966  
## 5218 2018-02-07 1449.000000 1460.989990 1415.150024 1416.780029  
1416.780029  
## 5219 2018-02-08 1429.680054 1433.750000 1349.939941 1350.500000  
1350.500000  
## 5220 2018-02-09 1373.489990 1383.500000 1265.930054 1339.599976  
1339.599976  
## 5221 2018-02-12 1364.670044 1393.810059 1344.010010 1386.229980  
1386.229980  
## 5222 2018-02-13 1385.930054 1419.719971 1383.530029 1414.510010  
1414.510010  
## 5223 2018-02-14 1406.250000 1452.060059 1403.359985 1451.050049  
1451.050049  
## 5224 2018-02-15 1466.890015 1468.939941 1436.839966 1461.760010  
1461.760010  
## 5225 2018-02-16 1457.369995 1465.800049 1446.560059 1448.689941  
1448.689941  
## 5226 2018-02-20 1446.489990 1488.770020 1446.489990 1468.349976  
1468.349976  
## 5227 2018-02-21 1485.000000 1503.489990 1478.920044 1482.920044  
1482.920044  
## 5228 2018-02-22 1495.359985 1502.540039 1475.760010 1485.339966  
1485.339966  
## 5229 2018-02-23 1495.339966 1500.000000 1486.500000 1500.000000  
1500.000000  
## 5230 2018-02-26 1509.199951 1522.839966 1507.000000 1521.949951  
1521.949951  
## 5231 2018-02-27 1524.500000 1526.780029 1507.209961 1511.979980  
1511.979980  
## 5232 2018-02-28 1519.510010 1528.699951 1512.000000 1512.449951  
1512.449951  
## 5233 2018-03-01 1513.599976 1518.489990 1465.000000 1493.449951  
1493.449951  
## 5234 2018-03-02 1469.099976 1501.050049 1455.010010 1500.250000  
1500.250000  
## 5235 2018-03-05 1494.239990 1525.380005 1481.000000 1523.609985  
1523.609985  
## 5236 2018-03-06 1533.199951 1542.130005 1528.000000 1537.640015  
1537.640015
```

```
## 5237 2018-03-07 1526.520020 1545.900024 1522.510010 1545.000000  
1545.000000  
## 5238 2018-03-08 1550.000000 1554.880005 1545.250000 1551.859985  
1551.859985  
## 5239 2018-03-09 1563.500000 1578.939941 1559.079956 1578.890015  
1578.890015  
## 5240 2018-03-12 1592.599976 1605.329956 1586.699951 1598.390015  
1598.390015  
## 5241 2018-03-13 1615.959961 1617.540039 1578.010010 1588.180054  
1588.180054  
## 5242 2018-03-14 1597.000000 1606.439941 1590.890015 1591.000000  
1591.000000  
## 5243 2018-03-15 1595.000000 1596.910034 1578.109985 1582.319946  
1582.319946  
## 5244 2018-03-16 1583.449951 1589.439941 1567.500000 1571.680054  
1571.680054  
## 5245 2018-03-19 1554.530029 1561.660034 1525.349976 1544.930054  
1544.930054  
## 5246 2018-03-20 1550.339966 1587.000000 1545.410034 1586.510010  
1586.510010  
## 5247 2018-03-21 1586.449951 1590.000000 1563.170044 1581.859985  
1581.859985  
## 5248 2018-03-22 1565.469971 1573.849976 1542.400024 1544.920044  
1544.920044  
## 5249 2018-03-23 1539.010010 1549.020020 1495.359985 1495.560059  
1495.560059  
## 5250 2018-03-26 1530.000000 1556.989990 1499.250000 1555.859985  
1555.859985  
## 5251 2018-03-27 1572.400024 1575.969971 1482.319946 1497.050049  
1497.050049  
## 5252 2018-03-28 1447.000000 1455.900024 1386.170044 1431.420044  
1431.420044  
## 5253 2018-03-29 1406.000000 1455.469971 1365.199951 1447.339966  
1447.339966  
## 5254 2018-04-02 1417.619995 1421.359985 1355.000000 1371.989990  
1371.989990  
## 5255 2018-04-03 1391.380005 1414.000000 1355.329956 1392.050049  
1392.050049  
## 5256 2018-04-04 1358.239990 1415.390015 1352.880005 1410.569946  
1410.569946  
## 5257 2018-04-05 1441.989990 1459.560059 1427.069946 1451.750000  
1451.750000  
## 5258 2018-04-06 1429.969971 1452.500000 1400.260010 1405.229980  
1405.229980  
## 5259 2018-04-09 1425.030029 1438.479980 1402.569946 1406.079956  
1406.079956  
## 5260 2018-04-10 1431.989990 1438.380005 1415.699951 1436.219971  
1436.219971  
## 5261 2018-04-11 1439.439941 1448.780029 1424.890015 1427.050049  
1427.050049
```

```
## 5262 2018-04-12 1439.500000 1452.119995 1435.060059 1448.500000  
1448.500000  
## 5263 2018-04-13 1449.140015 1459.780029 1424.520020 1430.790039  
1430.790039  
## 5264 2018-04-16 1445.000000 1447.000000 1427.479980 1441.500000  
1441.500000  
## 5265 2018-04-17 1462.300049 1507.189941 1457.020020 1503.829956  
1503.829956  
## 5266 2018-04-18 1514.650024 1533.800049 1504.109985 1527.839966  
1527.839966  
## 5267 2018-04-19 1543.219971 1568.520020 1539.060059 1556.910034  
1556.910034  
## 5268 2018-04-20 1561.199951 1561.199951 1516.089966 1527.489990  
1527.489990  
## 5269 2018-04-23 1546.689941 1548.000000 1503.410034 1517.859985  
1517.859985  
## 5270 2018-04-24 1535.800049 1539.500000 1448.449951 1460.089966  
1460.089966  
## 5271 2018-04-25 1458.000000 1469.989990 1415.020020 1460.170044  
1460.170044  
## 5272 2018-04-26 1485.010010 1529.420044 1478.500000 1517.959961  
1517.959961  
## 5273 2018-04-27 1634.010010 1638.099976 1567.390015 1572.619995  
1572.619995  
## 5274 2018-04-30 1582.500000 1596.000000 1560.939941 1566.130005  
1566.130005  
## 5275 2018-05-01 1563.219971 1585.000000 1552.180054 1582.260010  
1582.260010  
## 5276 2018-05-02 1580.979980 1588.500000 1566.359985 1569.680054  
1569.680054  
## 5277 2018-05-03 1560.010010 1574.800049 1546.020020 1572.079956  
1572.079956  
## 5278 2018-05-04 1562.449951 1584.900024 1562.189941 1580.949951  
1580.949951  
## 5279 2018-05-07 1589.339966 1606.949951 1587.829956 1600.140015  
1600.140015  
## 5280 2018-05-08 1595.000000 1596.880005 1582.510010 1592.390015  
1592.390015  
## 5281 2018-05-09 1600.000000 1608.000000 1592.000000 1608.000000  
1608.000000  
## 5282 2018-05-10 1608.479980 1615.599976 1603.439941 1609.079956  
1609.079956  
## 5283 2018-05-11 1610.989990 1611.099976 1597.890015 1602.910034  
1602.910034  
## 5284 2018-05-14 1604.000000 1611.180054 1600.050049 1601.540039  
1601.540039  
## 5285 2018-05-15 1587.800049 1587.800049 1565.219971 1576.119995  
1576.119995  
## 5286 2018-05-16 1577.500000 1594.430054 1576.670044 1587.280029  
1587.280029
```

```
## 5287 2018-05-17 1580.560059 1594.040039 1573.000000 1581.760010  
1581.760010  
## 5288 2018-05-18 1581.329956 1583.589966 1572.099976 1574.369995  
1574.369995  
## 5289 2018-05-21 1585.000000 1592.050049 1575.000000 1585.459961  
1585.459961  
## 5290 2018-05-22 1589.890015 1589.890015 1575.250000 1581.400024  
1581.400024  
## 5291 2018-05-23 1571.050049 1601.859985 1566.339966 1601.859985  
1601.859985  
## 5292 2018-05-24 1598.030029 1608.239990 1588.380005 1603.069946  
1603.069946  
## 5293 2018-05-25 1603.000000 1614.119995 1600.449951 1610.150024  
1610.150024  
## 5294 2018-05-29 1600.709961 1621.790039 1600.150024 1612.869995  
1612.869995  
## 5295 2018-05-30 1618.099976 1626.000000 1612.930054 1624.890015  
1624.890015  
## 5296 2018-05-31 1623.000000 1635.000000 1621.349976 1629.619995  
1629.619995  
## 5297 2018-06-01 1637.030029 1646.729980 1635.089966 1641.540039  
1641.540039  
## 5298 2018-06-04 1648.900024 1665.680054 1645.489990 1665.270020  
1665.270020  
## 5299 2018-06-05 1672.989990 1699.000000 1670.060059 1696.349976  
1696.349976  
## 5300 2018-06-06 1704.510010 1714.500000 1686.469971 1695.750000  
1695.750000  
## 5301 2018-06-07 1698.560059 1699.900024 1676.109985 1689.300049  
1689.300049  
## 5302 2018-06-08 1681.119995 1689.439941 1673.010010 1683.989990  
1683.989990  
## 5303 2018-06-11 1681.510010 1694.239990 1680.589966 1689.119995  
1689.119995  
## 5304 2018-06-12 1693.000000 1699.510010 1691.520020 1698.750000  
1698.750000  
## 5305 2018-06-13 1702.810059 1713.750000 1700.119995 1704.859985  
1704.859985  
## 5306 2018-06-14 1713.479980 1724.800049 1708.869995 1723.859985  
1723.859985  
## 5307 2018-06-15 1714.000000 1720.869995 1708.520020 1715.969971  
1715.969971  
## 5308 2018-06-18 1706.260010 1726.739990 1702.560059 1723.790039  
1723.790039  
## 5309 2018-06-19 1709.040039 1736.109985 1700.390015 1734.780029  
1734.780029  
## 5310 2018-06-20 1742.500000 1762.930054 1741.359985 1750.079956  
1750.079956  
## 5311 2018-06-21 1760.000000 1763.099976 1717.560059 1730.219971  
1730.219971
```

```
## 5312 2018-06-22 1742.619995 1743.000000 1711.900024 1715.670044  
1715.670044  
## 5313 2018-06-25 1702.510010 1705.000000 1646.310059 1663.150024  
1663.150024  
## 5314 2018-06-26 1672.369995 1701.569946 1663.339966 1691.089966  
1691.089966  
## 5315 2018-06-27 1708.109985 1711.949951 1660.000000 1660.510010  
1660.510010  
## 5316 2018-06-28 1672.540039 1705.500000 1661.170044 1701.449951  
1701.449951  
## 5317 2018-06-29 1717.000000 1723.410034 1694.319946 1699.800049  
1699.800049  
## 5318 2018-07-02 1682.699951 1713.890015 1678.060059 1713.780029  
1713.780029  
## 5319 2018-07-03 1723.959961 1725.000000 1692.479980 1693.959961  
1693.959961  
## 5320 2018-07-05 1705.380005 1710.689941 1682.150024 1699.729980  
1699.729980  
## 5321 2018-07-06 1696.000000 1715.270020 1691.670044 1710.630005  
1710.630005  
## 5322 2018-07-09 1724.050049 1739.560059 1716.229980 1739.020020  
1739.020020  
## 5323 2018-07-10 1738.530029 1750.000000 1731.000000 1743.069946  
1743.069946  
## 5324 2018-07-11 1737.989990 1756.959961 1734.000000 1755.000000  
1755.000000  
## 5325 2018-07-12 1764.510010 1798.000000 1762.180054 1796.619995  
1796.619995  
## 5326 2018-07-13 1803.930054 1815.300049 1795.229980 1813.030029  
1813.030029  
## 5327 2018-07-16 1821.949951 1841.949951 1814.449951 1822.489990  
1822.489990  
## 5328 2018-07-17 1811.560059 1851.689941 1797.380005 1843.930054  
1843.930054  
## 5329 2018-07-18 1848.000000 1858.880005 1831.270020 1842.920044  
1842.920044  
## 5330 2018-07-19 1829.459961 1841.000000 1811.270020 1812.969971  
1812.969971  
## 5331 2018-07-20 1825.010010 1834.839966 1810.060059 1813.699951  
1813.699951  
## 5332 2018-07-23 1812.209961 1819.000000 1769.989990 1802.000000  
1802.000000  
## 5333 2018-07-24 1829.010010 1840.000000 1809.380005 1829.239990  
1829.239990  
## 5334 2018-07-25 1829.300049 1863.839966 1822.640015 1863.609985  
1863.609985  
## 5335 2018-07-26 1839.000000 1844.680054 1804.500000 1808.000000  
1808.000000  
## 5336 2018-07-27 1876.050049 1880.050049 1806.530029 1817.270020  
1817.270020
```

```
## 5337 2018-07-30 1827.329956 1829.500000 1766.020020 1779.219971  
1779.219971  
## 5338 2018-07-31 1786.489990 1801.829956 1739.319946 1777.439941  
1777.439941  
## 5339 2018-08-01 1784.000000 1798.439941 1776.020020 1797.170044  
1797.170044  
## 5340 2018-08-02 1788.770020 1836.560059 1786.000000 1834.329956  
1834.329956  
## 5341 2018-08-03 1837.739990 1841.000000 1821.500000 1823.290039  
1823.290039  
## 5342 2018-08-06 1825.810059 1847.770020 1818.920044 1847.750000  
1847.750000  
## 5343 2018-08-07 1854.530029 1869.719971 1846.270020 1862.479980  
1862.479980  
## 5344 2018-08-08 1861.000000 1891.510010 1854.500000 1886.520020  
1886.520020  
## 5345 2018-08-09 1882.000000 1914.569946 1877.479980 1898.520020  
1898.520020  
## 5346 2018-08-10 1888.510010 1899.500000 1878.209961 1886.300049  
1886.300049  
## 5347 2018-08-13 1898.500000 1925.000000 1893.670044 1896.199951  
1896.199951  
## 5348 2018-08-14 1919.390015 1921.010010 1900.000000 1919.650024  
1919.650024  
## 5349 2018-08-15 1909.550049 1916.209961 1869.790039 1882.619995  
1882.619995  
## 5350 2018-08-16 1903.939941 1905.000000 1883.550049 1886.520020  
1886.520020  
## 5351 2018-08-17 1885.800049 1888.000000 1855.550049 1882.219971  
1882.219971  
## 5352 2018-08-20 1890.569946 1891.750000 1866.060059 1876.709961  
1876.709961  
## 5353 2018-08-21 1880.000000 1897.750000 1874.410034 1883.420044  
1883.420044  
## 5354 2018-08-22 1876.640015 1905.800049 1876.640015 1904.900024  
1904.900024  
## 5355 2018-08-23 1907.170044 1919.500000 1900.760010 1902.900024  
1902.900024  
## 5356 2018-08-24 1910.510010 1916.010010 1902.540039 1905.390015  
1905.390015  
## 5357 2018-08-27 1915.000000 1927.699951 1909.280029 1927.680054  
1927.680054  
## 5358 2018-08-28 1937.729980 1941.780029 1928.819946 1932.819946  
1932.819946  
## 5359 2018-08-29 1953.449951 1998.689941 1948.939941 1998.099976  
1998.099976  
## 5360 2018-08-30 1997.420044 2025.569946 1986.900024 2002.380005  
2002.380005  
## 5361 2018-08-31 2007.000000 2022.380005 2004.739990 2012.709961  
2012.709961
```

```
## 5362 2018-09-04 2026.500000 2050.500000 2013.000000 2039.510010  
2039.510010  
## 5363 2018-09-05 2038.109985 2040.380005 1989.890015 1994.819946  
1994.819946  
## 5364 2018-09-06 2006.510010 2007.500000 1935.209961 1958.310059  
1958.310059  
## 5365 2018-09-07 1938.709961 1975.199951 1937.349976 1952.069946  
1952.069946  
## 5366 2018-09-10 1971.000000 1973.040039 1931.520020 1939.010010  
1939.010010  
## 5367 2018-09-11 1928.270020 1988.880005 1917.000000 1987.150024  
1987.150024  
## 5368 2018-09-12 1994.000000 2000.000000 1962.439941 1990.000000  
1990.000000  
## 5369 2018-09-13 2000.000000 2008.760010 1982.030029 1989.869995  
1989.869995  
## 5370 2018-09-14 1992.930054 1993.650024 1959.219971 1970.189941  
1970.189941  
## 5371 2018-09-17 1954.729980 1956.819946 1887.410034 1908.030029  
1908.030029  
## 5372 2018-09-18 1918.650024 1958.199951 1915.439941 1941.050049  
1941.050049  
## 5373 2018-09-19 1940.500000 1940.829956 1904.900024 1926.420044  
1926.420044  
## 5374 2018-09-20 1938.579956 1955.000000 1932.250000 1944.300049  
1944.300049  
## 5375 2018-09-21 1954.219971 1957.310059 1910.500000 1915.010010  
1915.010010  
## 5376 2018-09-24 1903.790039 1936.880005 1865.000000 1934.359985  
1934.359985  
## 5377 2018-09-25 1942.900024 1975.910034 1938.849976 1974.550049  
1974.550049  
## 5378 2018-09-26 1968.500000 1995.250000 1961.520020 1974.849976  
1974.849976  
## 5379 2018-09-27 1993.239990 2016.160034 1988.579956 2012.979980  
2012.979980  
## 5380 2018-09-28 2004.410034 2026.520020 1996.459961 2003.000000  
2003.000000  
## 5381 2018-10-01 2021.989990 2033.189941 2003.599976 2004.359985  
2004.359985  
## 5382 2018-10-02 1999.989990 2013.390015 1965.770020 1971.310059  
1971.310059  
## 5383 2018-10-03 1981.699951 1989.699951 1949.810059 1952.760010  
1952.760010  
## 5384 2018-10-04 1949.000000 1956.000000 1896.569946 1909.420044  
1909.420044  
## 5385 2018-10-05 1917.989990 1929.079956 1862.829956 1889.650024  
1889.650024  
## 5386 2018-10-08 1874.000000 1902.000000 1830.660034 1864.420044  
1864.420044
```

```
## 5387 2018-10-09 1859.989990 1896.680054 1852.319946 1870.319946  
1870.319946  
## 5388 2018-10-10 1857.890015 1858.560059 1754.410034 1755.250000  
1755.250000  
## 5389 2018-10-11 1724.000000 1755.400024 1685.099976 1719.359985  
1719.359985  
## 5390 2018-10-12 1808.000000 1808.949951 1742.530029 1788.609985  
1788.609985  
## 5391 2018-10-15 1795.000000 1795.050049 1734.229980 1760.949951  
1760.949951  
## 5392 2018-10-16 1783.500000 1823.880005 1761.550049 1819.959961  
1819.959961  
## 5393 2018-10-17 1842.790039 1845.000000 1807.000000 1831.729980  
1831.729980  
## 5394 2018-10-18 1821.489990 1830.150024 1767.869995 1770.719971  
1770.719971  
## 5395 2018-10-19 1785.160034 1809.099976 1753.000000 1764.030029  
1764.030029  
## 5396 2018-10-22 1784.000000 1809.500000 1756.000000 1789.300049  
1789.300049  
## 5397 2018-10-23 1742.239990 1776.339966 1714.000000 1768.699951  
1768.699951  
## 5398 2018-10-24 1773.699951 1777.709961 1656.560059 1664.199951  
1664.199951  
## 5399 2018-10-25 1703.339966 1794.810059 1692.010010 1782.170044  
1782.170044  
## 5400 2018-10-26 1649.589966 1698.459961 1603.000000 1642.810059  
1642.810059  
## 5401 2018-10-29 1660.000000 1665.739990 1495.000000 1538.880005  
1538.880005  
## 5402 2018-10-30 1486.160034 1540.989990 1476.359985 1530.420044  
1530.420044  
## 5403 2018-10-31 1569.989990 1623.910034 1565.089966 1598.010010  
1598.010010  
## 5404 2018-11-01 1623.530029 1670.449951 1598.439941 1665.530029  
1665.530029  
## 5405 2018-11-02 1678.589966 1697.439941 1651.829956 1665.530029  
1665.530029  
## 5406 2018-11-05 1657.569946 1658.089966 1596.359985 1627.800049  
1627.800049  
## 5407 2018-11-06 1618.349976 1665.000000 1614.550049 1642.810059  
1642.810059  
## 5408 2018-11-07 1673.000000 1759.229980 1664.079956 1755.489990  
1755.489990  
## 5409 2018-11-08 1755.000000 1784.000000 1725.109985 1754.910034  
1754.910034  
## 5410 2018-11-09 1732.500000 1743.920044 1701.869995 1712.430054  
1712.430054  
## 5411 2018-11-12 1698.239990 1708.550049 1630.010010 1636.849976  
1636.849976
```

```
## 5412 2018-11-13 1649.290039 1677.060059 1613.750000 1631.170044  
1631.170044  
## 5413 2018-11-14 1656.319946 1673.000000 1597.069946 1599.010010  
1599.010010  
## 5414 2018-11-15 1581.010010 1624.819946 1546.510010 1619.439941  
1619.439941  
## 5415 2018-11-16 1587.500000 1614.479980 1573.119995 1593.410034  
1593.410034  
## 5416 2018-11-19 1577.010010 1581.189941 1503.359985 1512.290039  
1512.290039  
## 5417 2018-11-20 1437.500000 1534.750000 1420.000000 1495.459961  
1495.459961  
## 5418 2018-11-21 1542.989990 1550.000000 1515.000000 1516.729980  
1516.729980  
## 5419 2018-11-23 1517.000000 1536.199951 1501.810059 1502.060059  
1502.060059  
## 5420 2018-11-26 1539.000000 1584.810059 1524.219971 1581.329956  
1581.329956  
## 5421 2018-11-27 1575.989990 1597.650024 1558.010010 1581.420044  
1581.420044  
## 5422 2018-11-28 1613.920044 1681.449951 1601.219971 1677.750000  
1677.750000  
## 5423 2018-11-29 1674.989990 1689.989990 1652.329956 1673.569946  
1673.569946  
## 5424 2018-11-30 1679.500000 1696.000000 1666.500000 1690.170044  
1690.170044  
## 5425 2018-12-03 1769.459961 1778.339966 1730.000000 1772.359985  
1772.359985  
## 5426 2018-12-04 1756.000000 1770.339966 1665.000000 1668.400024  
1668.400024  
## 5427 2018-12-06 1614.869995 1701.050049 1609.849976 1699.189941  
1699.189941  
## 5428 2018-12-07 1705.069946 1718.930054 1625.459961 1629.130005  
1629.130005  
## 5429 2018-12-10 1623.839966 1657.989990 1590.869995 1641.030029  
1641.030029  
## 5430 2018-12-11 1678.000000 1679.469971 1619.599976 1643.239990  
1643.239990  
## 5431 2018-12-12 1669.000000 1704.989990 1660.270020 1663.540039  
1663.540039  
## 5432 2018-12-13 1680.000000 1692.119995 1641.500000 1658.380005  
1658.380005  
## 5433 2018-12-14 1638.000000 1642.569946 1585.000000 1591.910034  
1591.910034  
## 5434 2018-12-17 1566.000000 1576.130005 1505.010010 1520.910034  
1520.910034  
## 5435 2018-12-18 1540.000000 1567.550049 1523.010010 1551.479980  
1551.479980  
## 5436 2018-12-19 1543.050049 1584.530029 1483.180054 1495.079956  
1495.079956
```

```
## 5437 2018-12-20 1484.000000 1509.500000 1432.689941 1460.829956  
1460.829956  
## 5438 2018-12-21 1464.989990 1480.000000 1363.959961 1377.449951  
1377.449951  
## 5439 2018-12-24 1346.000000 1396.030029 1307.000000 1343.959961  
1343.959961  
## 5440 2018-12-26 1368.890015 1473.160034 1363.010010 1470.900024  
1470.900024  
## 5441 2018-12-27 1454.199951 1469.000000 1390.310059 1461.640015  
1461.640015  
## 5442 2018-12-28 1473.349976 1513.469971 1449.000000 1478.020020  
1478.020020  
## 5443 2018-12-31 1510.800049 1520.760010 1487.000000 1501.969971  
1501.969971  
## 5444 2019-01-02 1465.199951 1553.359985 1460.930054 1539.130005  
1539.130005  
## 5445 2019-01-03 1520.010010 1538.000000 1497.109985 1500.280029  
1500.280029  
## 5446 2019-01-04 1530.000000 1594.000000 1518.310059 1575.390015  
1575.390015  
## 5447 2019-01-07 1602.310059 1634.560059 1589.189941 1629.510010  
1629.510010  
## 5448 2019-01-08 1664.689941 1676.609985 1616.609985 1656.579956  
1656.579956  
## 5449 2019-01-09 1652.979980 1667.800049 1641.400024 1659.420044  
1659.420044  
## 5450 2019-01-10 1641.010010 1663.250000 1621.619995 1656.219971  
1656.219971  
## 5451 2019-01-11 1640.550049 1660.290039 1636.219971 1640.560059  
1640.560059  
## 5452 2019-01-14 1615.000000 1648.199951 1595.150024 1617.209961  
1617.209961  
## 5453 2019-01-15 1632.000000 1675.160034 1626.010010 1674.560059  
1674.560059  
## 5454 2019-01-16 1684.219971 1705.000000 1675.880005 1683.780029  
1683.780029  
## 5455 2019-01-17 1680.000000 1700.170044 1677.500000 1693.219971  
1693.219971  
## 5456 2019-01-18 1712.000000 1716.199951 1691.540039 1696.199951  
1696.199951  
## 5457 2019-01-22 1681.000000 1681.869995 1610.199951 1632.170044  
1632.170044  
## 5458 2019-01-23 1656.000000 1657.430054 1612.000000 1640.020020  
1640.020020  
## 5459 2019-01-24 1641.069946 1657.260010 1631.780029 1654.930054  
1654.930054  
## 5460 2019-01-25 1670.500000 1683.479980 1661.609985 1670.569946  
1670.569946  
## 5461 2019-01-28 1643.589966 1645.000000 1614.089966 1637.890015  
1637.890015
```

```
## 5462 2019-01-29 1631.270020 1632.380005 1590.719971 1593.880005  
1593.880005  
## 5463 2019-01-30 1623.000000 1676.949951 1619.680054 1670.430054  
1670.430054  
## 5464 2019-01-31 1692.849976 1736.410034 1679.079956 1718.729980  
1718.729980  
## 5465 2019-02-01 1638.880005 1673.060059 1622.010010 1626.229980  
1626.229980  
## 5466 2019-02-04 1623.000000 1649.630005 1613.500000 1633.310059  
1633.310059  
## 5467 2019-02-05 1643.339966 1665.260010 1642.500000 1658.810059  
1658.810059  
## 5468 2019-02-06 1670.750000 1672.260010 1633.339966 1640.260010  
1640.260010  
## 5469 2019-02-07 1625.000000 1625.540039 1592.910034 1614.369995  
1614.369995  
## 5470 2019-02-08 1586.000000 1588.589966 1566.760010 1588.219971  
1588.219971  
## 5471 2019-02-11 1600.979980 1609.290039 1586.000000 1591.000000  
1591.000000  
## 5472 2019-02-12 1604.000000 1639.400024 1598.880005 1638.010010  
1638.010010  
## 5473 2019-02-13 1647.000000 1656.380005 1637.109985 1640.000000  
1640.000000  
## 5474 2019-02-14 1624.500000 1637.900024 1606.060059 1622.650024  
1622.650024  
## 5475 2019-02-15 1627.859985 1628.910034 1604.500000 1607.949951  
1607.949951  
## 5476 2019-02-19 1601.000000 1634.000000 1600.560059 1627.579956  
1627.579956  
## 5477 2019-02-20 1630.000000 1634.930054 1610.119995 1622.099976  
1622.099976  
## 5478 2019-02-21 1619.849976 1623.560059 1600.910034 1619.439941  
1619.439941  
## 5479 2019-02-22 1623.500000 1634.939941 1621.170044 1631.560059  
1631.560059  
## 5480 2019-02-25 1641.449951 1654.599976 1630.390015 1633.000000  
1633.000000  
## 5481 2019-02-26 1625.979980 1639.989990 1616.130005 1636.400024  
1636.400024  
## 5482 2019-02-27 1628.180054 1641.810059 1615.099976 1641.089966  
1641.089966  
## 5483 2019-02-28 1635.250000 1651.770020 1633.829956 1639.829956  
1639.829956  
## 5484 2019-03-01 1655.130005 1674.260010 1651.000000 1671.729980  
1671.729980  
## 5485 2019-03-04 1685.000000 1709.430054 1674.359985 1696.170044  
1696.170044  
## 5486 2019-03-05 1702.949951 1707.800049 1689.010010 1692.430054  
1692.430054
```

```
## 5487 2019-03-06 1695.969971 1697.750000 1668.280029 1668.949951  
1668.949951  
## 5488 2019-03-07 1667.369995 1669.750000 1620.510010 1625.949951  
1625.949951  
## 5489 2019-03-08 1604.010010 1622.719971 1586.569946 1620.800049  
1620.800049  
## 5490 2019-03-11 1626.119995 1672.290039 1626.010010 1670.619995  
1670.619995  
## 5491 2019-03-12 1669.000000 1684.270020 1660.979980 1673.099976  
1673.099976  
## 5492 2019-03-13 1683.000000 1700.000000 1679.349976 1690.810059  
1690.810059  
## 5493 2019-03-14 1691.199951 1702.000000 1684.339966 1686.219971  
1686.219971  
## 5494 2019-03-15 1703.000000 1718.800049 1693.130005 1712.359985  
1712.359985  
## 5495 2019-03-18 1712.699951 1750.000000 1712.630005 1742.150024  
1742.150024  
## 5496 2019-03-19 1753.510010 1784.160034 1753.510010 1761.849976  
1761.849976  
## 5497 2019-03-20 1769.939941 1799.500000 1767.030029 1797.270020  
1797.270020  
## 5498 2019-03-21 1796.260010 1823.750000 1787.280029 1819.260010  
1819.260010  
## 5499 2019-03-22 1810.170044 1818.979980 1763.109985 1764.770020  
1764.770020  
## 5500 2019-03-25 1757.790039 1782.680054 1747.500000 1774.260010  
1774.260010  
## 5501 2019-03-26 1793.000000 1805.770020 1773.359985 1783.760010  
1783.760010  
## 5502 2019-03-27 1784.130005 1787.500000 1745.680054 1765.699951  
1765.699951  
## 5503 2019-03-28 1770.000000 1777.930054 1753.469971 1773.420044  
1773.420044  
## 5504 2019-03-29 1786.579956 1792.859985 1776.630005 1780.750000  
1780.750000  
## 5505 2019-04-01 1800.109985 1815.670044 1798.729980 1814.189941  
1814.189941  
## 5506 2019-04-02 1811.020020 1820.000000 1805.119995 1813.979980  
1813.979980  
## 5507 2019-04-03 1826.719971 1830.000000 1809.619995 1820.699951  
1820.699951  
## 5508 2019-04-04 1820.650024 1828.750000 1804.199951 1818.859985  
1818.859985  
## 5509 2019-04-05 1829.000000 1838.579956 1825.189941 1837.280029  
1837.280029  
## 5510 2019-04-08 1833.229980 1850.199951 1825.109985 1849.859985  
1849.859985  
## 5511 2019-04-09 1845.489990 1853.089966 1831.780029 1835.839966  
1835.839966
```

```
## 5512 2019-04-10 1841.000000 1848.000000 1828.810059 1847.329956  
1847.329956  
## 5513 2019-04-11 1848.699951 1849.949951 1840.310059 1844.069946  
1844.069946  
## 5514 2019-04-12 1848.400024 1851.500000 1841.300049 1843.060059  
1843.060059  
## 5515 2019-04-15 1842.000000 1846.849976 1818.900024 1844.869995  
1844.869995  
## 5516 2019-04-16 1851.349976 1869.770020 1848.000000 1863.040039  
1863.040039  
## 5517 2019-04-17 1872.989990 1876.469971 1860.439941 1864.819946  
1864.819946  
## 5518 2019-04-18 1868.790039 1870.819946 1859.479980 1861.689941  
1861.689941  
## 5519 2019-04-22 1855.400024 1888.420044 1845.640015 1887.310059  
1887.310059  
## 5520 2019-04-23 1891.199951 1929.260010 1889.579956 1923.770020  
1923.770020  
## 5521 2019-04-24 1925.000000 1929.689941 1898.160034 1901.750000  
1901.750000  
## 5522 2019-04-25 1917.000000 1922.449951 1900.310059 1902.250000  
1902.250000  
## 5523 2019-04-26 1929.000000 1951.000000 1898.000000 1950.630005  
1950.630005  
## 5524 2019-04-29 1949.000000 1956.339966 1934.089966 1938.430054  
1938.430054  
## 5525 2019-04-30 1930.099976 1935.709961 1906.949951 1926.520020  
1926.520020  
## 5526 2019-05-01 1933.089966 1943.640015 1910.550049 1911.520020  
1911.520020  
## 5527 2019-05-02 1913.329956 1921.550049 1881.869995 1900.819946  
1900.819946  
## 5528 2019-05-03 1949.000000 1964.400024 1936.000000 1962.459961  
1962.459961  
## 5529 2019-05-06 1917.979980 1959.000000 1910.500000 1950.550049  
1950.550049  
## 5530 2019-05-07 1939.989990 1949.099976 1903.380005 1921.000000  
1921.000000  
## 5531 2019-05-08 1918.869995 1935.369995 1910.000000 1917.770020  
1917.770020  
## 5532 2019-05-09 1900.000000 1909.400024 1876.000000 1899.869995  
1899.869995  
## 5533 2019-05-10 1898.000000 1903.790039 1856.000000 1889.979980  
1889.979980  
## 5534 2019-05-13 1836.560059 1846.540039 1818.000000 1822.680054  
1822.680054  
## 5535 2019-05-14 1839.500000 1852.439941 1815.750000 1840.119995  
1840.119995  
## 5536 2019-05-15 1827.949951 1874.430054 1823.000000 1871.150024  
1871.150024
```

```
## 5537 2019-05-16 1885.939941 1917.510010 1882.290039 1907.569946
1907.569946
## 5538 2019-05-17 1893.050049 1910.530029 1867.329956 1869.000000
1869.000000
## 5539 2019-05-20 1852.689941 1867.780029 1835.540039 1858.969971
1858.969971
## 5540 2019-05-21 1874.790039 1879.000000 1846.000000 1857.520020
1857.520020
## 5541 2019-05-22 1851.780029 1871.489990 1851.000000 1859.680054
1859.680054
## 5542 2019-05-23 1836.589966 1844.000000 1804.199951 1815.479980
1815.479980
## 5543 2019-05-24 1835.890015 1841.760010 1817.849976 1823.280029
1823.280029
## 5544 2019-05-28 1832.750000 1849.270020 1827.349976 1836.430054
1836.430054
## 5545 2019-05-29 1823.119995 1830.000000 1807.530029 1819.189941
1819.189941
## 5546 2019-05-30 1825.489990 1829.469971 1807.829956 1816.319946
1816.319946
## 5547 2019-05-31 1790.010010 1795.589966 1772.699951 1775.069946
1775.069946
## 5548 2019-06-03 1760.010010 1766.290039 1672.000000 1692.689941
1692.689941
## 5549 2019-06-04 1699.239990 1730.819946 1680.890015 1729.560059
1729.560059
## 5550 2019-06-05 1749.599976 1752.000000 1715.250000 1738.500000
1738.500000
## 5551 2019-06-06 1737.709961 1760.000000 1726.130005 1754.359985
1754.359985
## 5552 2019-06-07 1763.699951 1806.250000 1759.489990 1804.030029
1804.030029
## 5553 2019-06-10 1822.000000 1884.869995 1818.000000 1860.630005
1860.630005
## 5554 2019-06-11 1883.250000 1893.699951 1858.000000 1863.699951
1863.699951
## 5555 2019-06-12 1853.979980 1865.000000 1844.380005 1855.319946
1855.319946
## 5556 2019-06-13 1866.719971 1883.089966 1862.219971 1870.300049
1870.300049
## 5557 2019-06-14 1864.000000 1876.000000 1859.000000 1869.670044
1869.670044
## 5558 2019-06-17 1876.500000 1895.689941 1875.449951 1886.030029
1886.030029
## 5559 2019-06-18 1901.349976 1921.670044 1899.790039 1901.369995
1901.369995
## 5560 2019-06-19 1907.839966 1919.579956 1892.469971 1908.790039
1908.790039
## 5561 2019-06-20 1933.329956 1935.199951 1905.800049 1918.189941
1918.189941
```

```
## 5562 2019-06-21 1916.099976 1925.949951 1907.579956 1911.300049  
1911.300049  
## 5563 2019-06-24 1912.660034 1916.859985 1901.300049 1913.900024  
1913.900024  
## 5564 2019-06-25 1911.839966 1916.390015 1872.420044 1878.270020  
1878.270020  
## 5565 2019-06-26 1892.479980 1903.800049 1887.319946 1897.829956  
1897.829956  
## 5566 2019-06-27 1902.000000 1911.239990 1898.040039 1904.280029  
1904.280029  
## 5567 2019-06-28 1909.099976 1912.939941 1884.000000 1893.630005  
1893.630005  
## 5568 2019-07-01 1922.979980 1929.819946 1914.660034 1922.189941  
1922.189941  
## 5569 2019-07-02 1919.380005 1934.790039 1906.630005 1934.310059  
1934.310059  
## 5570 2019-07-03 1935.890015 1941.589966 1930.500000 1939.000000  
1939.000000  
## 5571 2019-07-05 1928.599976 1945.900024 1925.300049 1942.910034  
1942.910034  
## 5572 2019-07-08 1934.119995 1956.000000 1928.250000 1952.319946  
1952.319946  
## 5573 2019-07-09 1947.800049 1990.010010 1943.479980 1988.300049  
1988.300049  
## 5574 2019-07-10 1996.510010 2024.939941 1995.400024 2017.410034  
2017.410034  
## 5575 2019-07-11 2025.619995 2035.800049 1995.300049 2001.069946  
2001.069946  
## 5576 2019-07-12 2008.270020 2017.000000 2003.869995 2011.000000  
2011.000000  
## 5577 2019-07-15 2021.400024 2022.900024 2001.550049 2020.989990  
2020.989990  
## 5578 2019-07-16 2010.579956 2026.319946 2001.219971 2009.900024  
2009.900024  
## 5579 2019-07-17 2007.050049 2012.000000 1992.030029 1992.030029  
1992.030029  
## 5580 2019-07-18 1980.010010 1987.500000 1951.550049 1977.900024  
1977.900024  
## 5581 2019-07-19 1991.209961 1996.000000 1962.229980 1964.520020  
1964.520020  
## 5582 2019-07-22 1971.140015 1989.000000 1958.260010 1985.630005  
1985.630005  
## 5583 2019-07-23 1995.989990 1997.790039 1973.130005 1994.489990  
1994.489990  
## 5584 2019-07-24 1969.300049 2001.300049 1965.869995 2000.810059  
2000.810059  
## 5585 2019-07-25 2001.000000 2001.199951 1972.719971 1973.819946  
1973.819946  
## 5586 2019-07-26 1942.000000 1950.900024 1924.510010 1943.050049  
1943.050049
```

```
## 5587 2019-07-29 1930.00000 1932.229980 1890.540039 1912.449951  
1912.449951  
## 5588 2019-07-30 1891.119995 1909.890015 1883.479980 1898.530029  
1898.530029  
## 5589 2019-07-31 1898.109985 1899.550049 1849.439941 1866.780029  
1866.780029  
## 5590 2019-08-01 1871.719971 1897.920044 1844.010010 1855.319946  
1855.319946  
## 5591 2019-08-02 1845.069946 1846.359985 1808.020020 1823.239990  
1823.239990  
## 5592 2019-08-05 1770.219971 1788.670044 1748.780029 1765.130005  
1765.130005  
## 5593 2019-08-06 1792.229980 1793.770020 1753.400024 1787.829956  
1787.829956  
## 5594 2019-08-07 1773.989990 1798.930054 1757.000000 1793.400024  
1793.400024  
## 5595 2019-08-08 1806.000000 1834.260010 1798.109985 1832.890015  
1832.890015  
## 5596 2019-08-09 1828.949951 1831.089966 1802.219971 1807.579956  
1807.579956  
## 5597 2019-08-12 1795.989990 1800.979980 1777.000000 1784.920044  
1784.920044  
## 5598 2019-08-13 1783.000000 1831.739990 1780.000000 1824.339966  
1824.339966  
## 5599 2019-08-14 1793.010010 1795.650024 1757.219971 1762.959961  
1762.959961  
## 5600 2019-08-15 1781.989990 1788.000000 1761.959961 1776.119995  
1776.119995  
## 5601 2019-08-16 1792.890015 1802.910034 1784.550049 1792.569946  
1792.569946  
## 5602 2019-08-19 1818.079956 1826.000000 1812.609985 1816.119995  
1816.119995  
## 5603 2019-08-20 1814.500000 1816.819946 1799.880005 1801.380005  
1801.380005  
## 5604 2019-08-21 1819.390015 1829.579956 1815.000000 1823.540039  
1823.540039  
## 5605 2019-08-22 1828.000000 1829.410034 1800.099976 1804.660034  
1804.660034  
## 5606 2019-08-23 1793.030029 1804.900024 1745.229980 1749.619995  
1749.619995  
## 5607 2019-08-26 1766.910034 1770.000000 1743.510010 1768.869995  
1768.869995  
## 5608 2019-08-27 1775.729980 1779.400024 1746.680054 1761.829956  
1761.829956  
## 5609 2019-08-28 1755.000000 1767.859985 1744.050049 1764.250000  
1764.250000  
## 5610 2019-08-29 1783.000000 1798.550049 1777.250000 1786.400024  
1786.400024  
## 5611 2019-08-30 1797.489990 1799.739990 1764.569946 1776.290039  
1776.290039
```

```
## 5612 2019-09-03 1770.00000 1800.800049 1768.000000 1789.839966
1789.839966
## 5613 2019-09-04 1805.00000 1807.630005 1796.229980 1800.619995
1800.619995
## 5614 2019-09-05 1821.949951 1842.000000 1815.579956 1840.719971
1840.719971
## 5615 2019-09-06 1838.219971 1840.650024 1826.400024 1833.510010
1833.510010
## 5616 2019-09-09 1841.000000 1850.000000 1824.609985 1831.349976
1831.349976
## 5617 2019-09-10 1822.750000 1825.810059 1805.339966 1820.550049
1820.550049
## 5618 2019-09-11 1812.140015 1833.420044 1809.079956 1822.989990
1822.989990
## 5619 2019-09-12 1837.630005 1853.660034 1834.280029 1843.550049
1843.550049
## 5620 2019-09-13 1842.010010 1846.119995 1835.170044 1839.339966
1839.339966
## 5621 2019-09-16 1824.020020 1825.689941 1800.199951 1807.839966
1807.839966
## 5622 2019-09-17 1807.079956 1823.989990 1804.099976 1822.550049
1822.550049
## 5623 2019-09-18 1817.040039 1822.060059 1795.500000 1817.459961
1817.459961
## 5624 2019-09-19 1821.020020 1832.569946 1817.900024 1821.500000
1821.500000
## 5625 2019-09-20 1821.709961 1830.630005 1780.920044 1794.160034
1794.160034
## 5626 2019-09-23 1777.000000 1792.699951 1767.319946 1785.300049
1785.300049
## 5627 2019-09-24 1790.609985 1795.709961 1735.550049 1741.609985
1741.609985
## 5628 2019-09-25 1747.359985 1773.000000 1723.000000 1768.329956
1768.329956
## 5629 2019-09-26 1762.790039 1763.369995 1731.500000 1739.839966
1739.839966
## 5630 2019-09-27 1748.000000 1749.119995 1713.819946 1725.449951
1725.449951
## 5631 2019-09-30 1726.989990 1737.459961 1709.219971 1735.910034
1735.910034
## 5632 2019-10-01 1746.000000 1755.599976 1728.410034 1735.650024
1735.650024
## 5633 2019-10-02 1727.739990 1728.890015 1705.000000 1713.229980
1713.229980
## 5634 2019-10-03 1713.000000 1725.000000 1685.060059 1724.420044
1724.420044
## 5635 2019-10-04 1726.020020 1740.579956 1719.229980 1739.650024
1739.650024
## 5636 2019-10-07 1731.630005 1747.829956 1723.699951 1732.660034
1732.660034
```

```
## 5637 2019-10-08 1722.489990 1727.000000 1705.000000 1705.510010  
1705.510010  
## 5638 2019-10-09 1719.609985 1729.949951 1714.359985 1721.989990  
1721.989990  
## 5639 2019-10-10 1725.239990 1738.290039 1713.750000 1720.260010  
1720.260010  
## 5640 2019-10-11 1742.920044 1745.449951 1729.859985 1731.920044  
1731.920044  
## 5641 2019-10-14 1728.910034 1741.890015 1722.000000 1736.430054  
1736.430054  
## 5642 2019-10-15 1742.140015 1776.449951 1740.619995 1767.380005  
1767.380005  
## 5643 2019-10-16 1773.329956 1786.239990 1770.520020 1777.430054  
1777.430054  
## 5644 2019-10-17 1796.489990 1798.849976 1782.020020 1787.479980  
1787.479980  
## 5645 2019-10-18 1787.800049 1793.979980 1749.199951 1757.510010  
1757.510010  
## 5646 2019-10-21 1769.660034 1785.880005 1765.000000 1785.660034  
1785.660034  
## 5647 2019-10-22 1788.150024 1789.780029 1762.000000 1765.729980  
1765.729980  
## 5648 2019-10-23 1761.300049 1770.050049 1742.000000 1762.170044  
1762.170044  
## 5649 2019-10-24 1771.089966 1788.339966 1760.270020 1780.780029  
1780.780029  
## 5650 2019-10-25 1697.550049 1764.209961 1695.000000 1761.329956  
1761.329956  
## 5651 2019-10-28 1748.060059 1778.699951 1742.500000 1777.079956  
1777.079956  
## 5652 2019-10-29 1774.810059 1777.000000 1755.810059 1762.709961  
1762.709961  
## 5653 2019-10-30 1760.239990 1782.380005 1759.119995 1779.989990  
1779.989990  
## 5654 2019-10-31 1775.989990 1792.000000 1771.479980 1776.660034  
1776.660034  
## 5655 2019-11-01 1788.010010 1797.449951 1785.209961 1791.439941  
1791.439941  
## 5656 2019-11-04 1801.010010 1815.060059 1801.010010 1804.660034  
1804.660034  
## 5657 2019-11-05 1809.160034 1810.250000 1794.000000 1801.709961  
1801.709961  
## 5658 2019-11-06 1801.000000 1802.500000 1788.579956 1795.770020  
1795.770020  
## 5659 2019-11-07 1803.760010 1805.900024 1783.479980 1788.199951  
1788.199951  
## 5660 2019-11-08 1787.890015 1789.880005 1774.040039 1785.880005  
1785.880005  
## 5661 2019-11-11 1778.000000 1780.000000 1767.130005 1771.650024  
1771.650024
```

```
## 5662 2019-11-12 1774.660034 1786.219971 1771.910034 1778.000000  
1778.000000  
## 5663 2019-11-13 1773.390015 1775.000000 1747.319946 1753.109985  
1753.109985  
## 5664 2019-11-14 1751.430054 1766.589966 1749.560059 1754.599976  
1754.599976  
## 5665 2019-11-15 1760.050049 1761.680054 1732.859985 1739.489990  
1739.489990  
## 5666 2019-11-18 1738.300049 1753.699951 1722.709961 1752.530029  
1752.530029  
## 5667 2019-11-19 1756.989990 1760.680054 1743.030029 1752.790039  
1752.790039  
## 5668 2019-11-20 1749.140015 1762.520020 1734.119995 1745.530029  
1745.530029  
## 5669 2019-11-21 1743.000000 1746.869995 1730.359985 1734.709961  
1734.709961  
## 5670 2019-11-22 1739.020020 1746.430054 1731.000000 1745.719971  
1745.719971  
## 5671 2019-11-25 1753.250000 1777.420044 1753.239990 1773.839966  
1773.839966  
## 5672 2019-11-26 1779.920044 1797.030029 1778.349976 1796.939941  
1796.939941  
## 5673 2019-11-27 1801.000000 1824.500000 1797.310059 1818.510010  
1818.510010  
## 5674 2019-11-29 1817.780029 1824.689941 1800.790039 1800.800049  
1800.800049  
## 5675 2019-12-02 1804.400024 1805.550049 1762.680054 1781.599976  
1781.599976  
## 5676 2019-12-03 1760.000000 1772.869995 1747.229980 1769.959961  
1769.959961  
## 5677 2019-12-04 1774.010010 1789.089966 1760.219971 1760.689941  
1760.689941  
## 5678 2019-12-05 1763.500000 1763.500000 1740.000000 1740.479980  
1740.479980  
## 5679 2019-12-06 1751.199951 1754.400024 1740.130005 1751.599976  
1751.599976  
## 5680 2019-12-09 1750.660034 1766.890015 1745.609985 1749.510010  
1749.510010  
## 5681 2019-12-10 1747.400024 1750.670044 1735.000000 1739.209961  
1739.209961  
## 5682 2019-12-11 1741.670044 1750.000000 1735.709961 1748.719971  
1748.719971  
## 5683 2019-12-12 1750.000000 1764.000000 1745.439941 1760.329956  
1760.329956  
## 5684 2019-12-13 1765.000000 1768.989990 1755.000000 1760.939941  
1760.939941  
## 5685 2019-12-16 1767.000000 1769.500000 1757.050049 1769.209961  
1769.209961  
## 5686 2019-12-17 1778.010010 1792.000000 1777.390015 1790.660034  
1790.660034
```

```
## 5687 2019-12-18 1795.020020 1798.199951 1782.359985 1784.030029  
1784.030029  
## 5688 2019-12-19 1780.500000 1792.989990 1774.060059 1792.280029  
1792.280029  
## 5689 2019-12-20 1799.619995 1802.969971 1782.449951 1786.500000  
1786.500000  
## 5690 2019-12-23 1788.260010 1793.000000 1784.510010 1793.000000  
1793.000000  
## 5691 2019-12-24 1793.810059 1795.569946 1787.579956 1789.209961  
1789.209961  
## 5692 2019-12-26 1801.010010 1870.459961 1799.500000 1868.770020  
1868.770020  
## 5693 2019-12-27 1882.920044 1901.400024 1866.010010 1869.800049  
1869.800049  
## 5694 2019-12-30 1874.000000 1884.000000 1840.619995 1846.890015  
1846.890015  
## 5695 2019-12-31 1842.000000 1853.260010 1832.229980 1847.839966  
1847.839966  
## 5696 2020-01-02 1875.000000 1898.010010 1864.150024 1898.010010  
1898.010010  
## 5697 2020-01-03 1864.500000 1886.199951 1864.500000 1874.969971  
1874.969971  
## 5698 2020-01-06 1860.000000 1903.689941 1860.000000 1902.880005  
1902.880005  
## 5699 2020-01-07 1904.500000 1913.890015 1892.040039 1906.859985  
1906.859985  
## 5700 2020-01-08 1898.040039 1911.000000 1886.439941 1891.969971  
1891.969971  
## 5701 2020-01-09 1909.890015 1917.819946 1895.800049 1901.050049  
1901.050049  
## 5702 2020-01-10 1905.369995 1906.939941 1880.000000 1883.160034  
1883.160034  
## 5703 2020-01-13 1891.310059 1898.000000 1880.800049 1891.300049  
1891.300049  
## 5704 2020-01-14 1885.880005 1887.109985 1858.550049 1869.439941  
1869.439941  
## 5705 2020-01-15 1872.250000 1878.859985 1855.089966 1862.020020  
1862.020020  
## 5706 2020-01-16 1882.989990 1885.589966 1866.020020 1877.939941  
1877.939941  
## 5707 2020-01-17 1885.890015 1886.640015 1857.250000 1864.719971  
1864.719971  
## 5708 2020-01-21 1865.000000 1894.270020 1860.000000 1892.000000  
1892.000000  
## 5709 2020-01-22 1896.089966 1902.500000 1883.339966 1887.459961  
1887.459961  
## 5710 2020-01-23 1885.109985 1889.979980 1872.760010 1884.579956  
1884.579956  
## 5711 2020-01-24 1891.369995 1894.989990 1847.439941 1861.640015  
1861.640015
```

```
## 5712 2020-01-27 1820.00000 1841.00000 1815.339966 1828.339966  
1828.339966  
## 5713 2020-01-28 1840.50000 1858.109985 1830.020020 1853.250000  
1853.250000  
## 5714 2020-01-29 1864.00000 1874.750000 1855.020020 1858.000000  
1858.000000  
## 5715 2020-01-30 1858.00000 1872.869995 1850.609985 1870.680054  
1870.680054  
## 5716 2020-01-31 2051.469971 2055.719971 2002.270020 2008.719971  
2008.719971  
## 5717 2020-02-03 2010.599976 2048.500000 2000.250000 2004.199951  
2004.199951  
## 5718 2020-02-04 2029.880005 2059.800049 2015.369995 2049.669922  
2049.669922  
## 5719 2020-02-05 2071.020020 2071.020020 2032.000000 2039.869995  
2039.869995  
## 5720 2020-02-06 2041.020020 2056.300049 2024.800049 2050.229980  
2050.229980  
## 5721 2020-02-07 2041.989990 2098.530029 2038.099976 2079.280029  
2079.280029  
## 5722 2020-02-10 2085.010010 2135.600098 2084.959961 2133.909912  
2133.909912  
## 5723 2020-02-11 2150.899902 2185.949951 2136.000000 2150.800049  
2150.800049  
## 5724 2020-02-12 2163.199951 2180.250000 2155.290039 2160.000000  
2160.000000  
## 5725 2020-02-13 2144.989990 2170.280029 2142.000000 2149.870117  
2149.870117  
## 5726 2020-02-14 2155.679932 2159.040039 2125.889893 2134.870117  
2134.870117  
## 5727 2020-02-18 2125.020020 2166.070068 2124.110107 2155.669922  
2155.669922  
## 5728 2020-02-19 2167.800049 2185.100098 2161.120117 2170.219971  
2170.219971  
## 5729 2020-02-20 2173.070068 2176.790039 2127.449951 2153.100098  
2153.100098  
## 5730 2020-02-21 2142.149902 2144.550049 2088.000000 2095.969971  
2095.969971  
## 5731 2020-02-24 2003.180054 2039.300049 1987.969971 2009.290039  
2009.290039  
## 5732 2020-02-25 2026.420044 2034.599976 1958.420044 1972.739990  
1972.739990  
## 5733 2020-02-26 1970.280029 2014.670044 1960.449951 1979.589966  
1979.589966  
## 5734 2020-02-27 1934.380005 1975.000000 1882.760010 1884.300049  
1884.300049  
## 5735 2020-02-28 1814.630005 1889.760010 1811.130005 1883.750000  
1883.750000  
## 5736 2020-03-02 1906.489990 1954.510010 1870.000000 1953.949951  
1953.949951
```

```
## 5737 2020-03-03 1975.369995 1996.329956 1888.089966 1908.989990  
1908.989990  
## 5738 2020-03-04 1946.569946 1978.000000 1922.000000 1975.829956  
1975.829956  
## 5739 2020-03-05 1933.000000 1960.719971 1910.000000 1924.030029  
1924.030029  
## 5740 2020-03-06 1875.000000 1910.869995 1869.500000 1901.089966  
1901.089966  
## 5741 2020-03-09 1773.859985 1862.770020 1761.290039 1800.609985  
1800.609985  
## 5742 2020-03-10 1870.880005 1894.270020 1818.170044 1891.819946  
1891.819946  
## 5743 2020-03-11 1857.849976 1871.319946 1801.500000 1820.859985  
1820.859985  
## 5744 2020-03-12 1721.979980 1765.000000 1675.000000 1676.609985  
1676.609985  
## 5745 2020-03-13 1755.000000 1786.310059 1680.619995 1785.000000  
1785.000000  
## 5746 2020-03-16 1641.510010 1759.449951 1626.030029 1689.150024  
1689.150024  
## 5747 2020-03-17 1775.469971 1857.780029 1689.239990 1807.839966  
1807.839966  
## 5748 2020-03-18 1750.000000 1841.660034 1745.000000 1830.000000  
1830.000000  
## 5749 2020-03-19 1860.000000 1945.000000 1832.650024 1880.930054  
1880.930054  
## 5750 2020-03-20 1926.310059 1957.000000 1820.729980 1846.089966  
1846.089966  
## 5751 2020-03-23 1827.750000 1919.400024 1812.000000 1902.829956  
1902.829956  
## 5752 2020-03-24 1951.500000 1955.000000 1900.339966 1940.099976  
1940.099976  
## 5753 2020-03-25 1920.689941 1950.260010 1885.780029 1885.839966  
1885.839966  
## 5754 2020-03-26 1902.000000 1956.489990 1889.290039 1955.489990  
1955.489990  
## 5755 2020-03-27 1930.859985 1939.790039 1899.920044 1900.099976  
1900.099976  
## 5756 2020-03-30 1922.829956 1973.630005 1912.339966 1963.949951  
1963.949951  
## 5757 2020-03-31 1964.349976 1993.020020 1944.010010 1949.719971  
1949.719971  
## 5758 2020-04-01 1932.969971 1944.959961 1893.000000 1907.699951  
1907.699951  
## 5759 2020-04-02 1901.640015 1927.530029 1890.000000 1918.829956  
1918.829956  
## 5760 2020-04-03 1911.150024 1926.329956 1889.150024 1906.589966  
1906.589966  
## 5761 2020-04-06 1936.000000 1998.520020 1930.020020 1997.589966  
1997.589966
```

```
## 5762 2020-04-07 2017.109985 2035.719971 1997.619995 2011.599976  
2011.599976  
## 5763 2020-04-08 2021.000000 2044.000000 2011.150024 2043.000000  
2043.000000  
## 5764 2020-04-09 2044.300049 2053.000000 2017.660034 2042.760010  
2042.760010  
## 5765 2020-04-13 2040.000000 2180.000000 2038.000000 2168.870117  
2168.870117  
## 5766 2020-04-14 2200.469971 2292.000000 2186.209961 2283.320068  
2283.320068  
## 5767 2020-04-15 2257.679932 2333.370117 2245.000000 2307.679932  
2307.679932  
## 5768 2020-04-16 2346.000000 2461.000000 2335.000000 2408.189941  
2408.189941  
## 5769 2020-04-17 2372.330078 2400.000000 2316.020020 2375.000000  
2375.000000  
## 5770 2020-04-20 2389.949951 2444.979980 2386.050049 2393.610107  
2393.610107  
## 5771 2020-04-21 2416.610107 2428.310059 2279.659912 2328.120117  
2328.120117  
## 5772 2020-04-22 2369.000000 2394.000000 2351.000000 2363.489990  
2363.489990  
## 5773 2020-04-23 2399.979980 2424.219971 2382.080078 2399.449951  
2399.449951  
## 5774 2020-04-24 2417.000000 2420.429932 2382.000000 2410.219971  
2410.219971  
## 5775 2020-04-27 2443.199951 2444.879883 2363.000000 2376.000000  
2376.000000  
## 5776 2020-04-28 2372.100098 2373.500000 2306.000000 2314.080078  
2314.080078  
## 5777 2020-04-29 2330.010010 2391.889893 2310.000000 2372.709961  
2372.709961  
## 5778 2020-04-30 2419.840088 2475.000000 2396.010010 2474.000000  
2474.000000  
## 5779 2020-05-01 2336.800049 2362.439941 2258.189941 2286.040039  
2286.040039  
## 5780 2020-05-04 2256.379883 2326.979980 2256.379883 2315.989990  
2315.989990  
## 5781 2020-05-05 2340.000000 2351.000000 2307.129883 2317.800049  
2317.800049  
## 5782 2020-05-06 2329.439941 2357.449951 2320.000000 2351.260010  
2351.260010  
## 5783 2020-05-07 2374.780029 2376.000000 2343.110107 2367.610107  
2367.610107  
## 5784 2020-05-08 2372.139893 2387.239990 2357.000000 2379.610107  
2379.610107  
## 5785 2020-05-11 2374.699951 2419.669922 2372.110107 2409.000000  
2409.000000  
## 5786 2020-05-12 2411.850098 2419.000000 2355.000000 2356.949951  
2356.949951
```

```
## 5787 2020-05-13 2366.800049 2407.699951 2337.800049 2367.919922  
2367.919922  
## 5788 2020-05-14 2361.010010 2391.370117 2353.209961 2388.850098  
2388.850098  
## 5789 2020-05-15 2368.520020 2411.000000 2356.370117 2409.780029  
2409.780029  
## 5790 2020-05-18 2404.350098 2433.000000 2384.010010 2426.260010  
2426.260010  
## 5791 2020-05-19 2429.830078 2485.000000 2428.969971 2449.330078  
2449.330078  
## 5792 2020-05-20 2477.870117 2500.010010 2467.270020 2497.939941  
2497.939941  
## 5793 2020-05-21 2500.000000 2525.449951 2442.540039 2446.739990  
2446.739990  
## 5794 2020-05-22 2455.010010 2469.850098 2430.129883 2436.879883  
2436.879883  
## 5795 2020-05-26 2458.000000 2462.000000 2414.060059 2421.860107  
2421.860107  
## 5796 2020-05-27 2404.989990 2413.580078 2330.000000 2410.389893  
2410.389893  
## 5797 2020-05-28 2384.330078 2436.969971 2378.229980 2401.100098  
2401.100098  
## 5798 2020-05-29 2415.939941 2442.370117 2398.199951 2442.370117  
2442.370117  
## 5799 2020-06-01 2448.000000 2476.929932 2444.169922 2471.040039  
2471.040039  
## 5800 2020-06-02 2467.000000 2473.530029 2445.310059 2472.409912  
2472.409912  
## 5801 2020-06-03 2468.010010 2488.000000 2461.169922 2478.399902  
2478.399902  
## 5802 2020-06-04 2477.429932 2507.540039 2450.010010 2460.600098  
2460.600098  
## 5803 2020-06-05 2444.510010 2488.649902 2437.129883 2483.000000  
2483.000000  
## 5804 2020-06-08 2500.199951 2530.000000 2487.340088 2524.060059  
2524.060059  
## 5805 2020-06-09 2529.439941 2626.429932 2525.000000 2600.860107  
2600.860107  
## 5806 2020-06-10 2645.000000 2722.350098 2626.260010 2647.449951  
2647.449951  
## 5807 2020-06-11 2603.500000 2671.379883 2536.229980 2557.959961  
2557.959961  
## 5808 2020-06-12 2601.209961 2621.479980 2503.350098 2545.020020  
2545.020020  
## 5809 2020-06-15 2526.600098 2584.000000 2508.000000 2572.679932  
2572.679932  
## 5810 2020-06-16 2620.000000 2620.000000 2576.000000 2615.270020  
2615.270020  
## 5811 2020-06-17 2647.500000 2655.000000 2631.820068 2640.979980  
2640.979980
```

```
## 5812 2020-06-18 2647.010010 2659.639893 2636.110107 2653.979980  
2653.979980  
## 5813 2020-06-19 2678.080078 2697.429932 2659.000000 2675.010010  
2675.010010  
## 5814 2020-06-22 2684.500000 2715.000000 2669.000000 2713.820068  
2713.820068  
## 5815 2020-06-23 2726.020020 2783.110107 2718.040039 2764.409912  
2764.409912  
## 5816 2020-06-24 2780.000000 2796.000000 2721.000000 2734.399902  
2734.399902  
## 5817 2020-06-25 2739.550049 2756.229980 2712.139893 2754.580078  
2754.580078  
## 5818 2020-06-26 2775.060059 2782.570068 2688.000000 2692.870117  
2692.870117  
## 5819 2020-06-29 2690.010010 2696.800049 2630.080078 2680.379883  
2680.379883  
## 5820 2020-06-30 2685.070068 2769.629883 2675.030029 2758.820068  
2758.820068  
## 5821 2020-07-01 2757.989990 2895.000000 2754.000000 2878.699951  
2878.699951  
## 5822 2020-07-02 2912.010010 2955.560059 2871.100098 2890.300049  
2890.300049  
## 5823 2020-07-06 2934.969971 3059.879883 2930.000000 3057.040039  
3057.040039  
## 5824 2020-07-07 3058.550049 3069.550049 2990.000000 3000.120117  
3000.120117  
## 5825 2020-07-08 3022.610107 3083.969971 3012.429932 3081.110107  
3081.110107  
## 5826 2020-07-09 3115.989990 3193.879883 3074.000000 3182.629883  
3182.629883  
## 5827 2020-07-10 3191.760010 3215.000000 3135.699951 3200.000000  
3200.000000  
## 5828 2020-07-13 3251.060059 3344.290039 3068.389893 3104.000000  
3104.000000  
## 5829 2020-07-14 3089.000000 3127.379883 2950.000000 3084.000000  
3084.000000  
## 5830 2020-07-15 3080.229980 3098.350098 2973.179932 3008.870117  
3008.870117  
## 5831 2020-07-16 2971.060059 3032.000000 2918.229980 2999.899902  
2999.899902  
## 5832 2020-07-17 3009.000000 3024.000000 2948.449951 2961.969971  
2961.969971  
## 5833 2020-07-20 3000.199951 3201.360107 2994.020020 3196.840088  
3196.840088  
## 5834 2020-07-21 3232.489990 3240.580078 3105.719971 3138.290039  
3138.290039  
## 5835 2020-07-22 3125.000000 3150.000000 3065.260010 3099.909912  
3099.909912  
## 5836 2020-07-23 3098.270020 3098.270020 2970.000000 2986.550049  
2986.550049
```

```
## 5837 2020-07-24 2930.00000 3031.580078 2888.000000 3008.909912  
3008.909912  
## 5838 2020-07-27 3062.000000 3098.000000 3015.770020 3055.209961  
3055.209961  
## 5839 2020-07-28 3054.270020 3077.090088 2995.760010 3000.330078  
3000.330078  
## 5840 2020-07-29 3030.989990 3039.159912 2996.770020 3033.530029  
3033.530029  
## 5841 2020-07-30 3014.000000 3092.000000 3005.000000 3051.879883  
3051.879883  
## 5842 2020-07-31 3244.000000 3246.820068 3151.000000 3164.679932  
3164.679932  
## 5843 2020-08-03 3180.510010 3184.000000 3104.000000 3111.889893  
3111.889893  
## 5844 2020-08-04 3101.209961 3167.239990 3101.209961 3138.830078  
3138.830078  
## 5845 2020-08-05 3143.770020 3213.590088 3127.300049 3205.030029  
3205.030029  
## 5846 2020-08-06 3194.360107 3247.469971 3165.429932 3225.000000  
3225.000000  
## 5847 2020-08-07 3224.010010 3240.810059 3140.669922 3167.459961  
3167.459961  
## 5848 2020-08-10 3170.310059 3172.510010 3101.520020 3148.159912  
3148.159912  
## 5849 2020-08-11 3113.199951 3159.219971 3073.000000 3080.669922  
3080.669922  
## 5850 2020-08-12 3108.000000 3174.389893 3101.419922 3162.239990  
3162.239990  
## 5851 2020-08-13 3182.989990 3217.520020 3155.000000 3161.020020  
3161.020020  
## 5852 2020-08-14 3178.179932 3178.239990 3120.000000 3148.020020  
3148.020020  
## 5853 2020-08-17 3173.120117 3194.969971 3154.179932 3182.409912  
3182.409912  
## 5854 2020-08-18 3212.000000 3320.000000 3205.820068 3312.489990  
3312.489990  
## 5855 2020-08-19 3303.010010 3315.899902 3256.000000 3260.479980  
3260.479980  
## 5856 2020-08-20 3252.000000 3312.620117 3238.000000 3297.370117  
3297.370117  
## 5857 2020-08-21 3295.000000 3314.399902 3275.389893 3284.719971  
3284.719971  
## 5858 2020-08-24 3310.149902 3380.320068 3257.560059 3307.459961  
3307.459961  
## 5859 2020-08-25 3294.989990 3357.399902 3267.000000 3346.489990  
3346.489990  
## 5860 2020-08-26 3351.110107 3451.739990 3344.570068 3441.850098  
3441.850098  
## 5861 2020-08-27 3450.050049 3453.000000 3378.000000 3400.000000  
3400.000000
```

```
## 5862 2020-08-28 3423.00000 3433.370117 3386.500000 3401.800049  
3401.800049  
## 5863 2020-08-31 3408.989990 3495.000000 3405.000000 3450.959961  
3450.959961  
## 5864 2020-09-01 3489.580078 3513.870117 3467.000000 3499.120117  
3499.120117  
## 5865 2020-09-02 3547.000000 3552.250000 3486.689941 3531.449951  
3531.449951  
## 5866 2020-09-03 3485.000000 3488.409912 3303.000000 3368.000000  
3368.000000  
## 5867 2020-09-04 3318.000000 3381.500000 3111.129883 3294.620117  
3294.620117  
## 5868 2020-09-08 3144.000000 3250.850098 3130.000000 3149.840088  
3149.840088  
## 5869 2020-09-09 3202.989990 3303.179932 3185.000000 3268.610107  
3268.610107  
## 5870 2020-09-10 3307.219971 3349.889893 3170.550049 3175.110107  
3175.110107  
## 5871 2020-09-11 3208.689941 3217.340088 3083.979980 3116.219971  
3116.219971  
## 5872 2020-09-14 3172.939941 3187.389893 3096.000000 3102.969971  
3102.969971  
## 5873 2020-09-15 3136.159912 3175.020020 3108.919922 3156.129883  
3156.129883  
## 5874 2020-09-16 3179.989990 3187.239990 3074.149902 3078.100098  
3078.100098  
## 5875 2020-09-17 3009.250000 3029.429932 2972.550049 3008.729980  
3008.729980  
## 5876 2020-09-18 3031.739990 3037.800049 2905.540039 2954.909912  
2954.909912  
## 5877 2020-09-21 2906.500000 2962.000000 2871.000000 2960.469971  
2960.469971  
## 5878 2020-09-22 3033.840088 3133.989990 3000.199951 3128.989990  
3128.989990  
## 5879 2020-09-23 3120.429932 3127.000000 2992.379883 2999.860107  
2999.860107  
## 5880 2020-09-24 2977.790039 3069.300049 2965.000000 3019.790039  
3019.790039  
## 5881 2020-09-25 3054.860107 3101.540039 2999.000000 3095.129883  
3095.129883  
## 5882 2020-09-28 3148.850098 3175.040039 3117.169922 3174.050049  
3174.050049  
## 5883 2020-09-29 3175.389893 3188.260010 3132.540039 3144.879883  
3144.879883  
## 5884 2020-09-30 3141.139893 3212.879883 3133.989990 3148.729980  
3148.729980  
## 5885 2020-10-01 3208.000000 3224.000000 3172.000000 3221.260010  
3221.260010  
## 5886 2020-10-02 3153.629883 3195.800049 3123.000000 3125.000000  
3125.000000
```

```
## 5887 2020-10-05 3145.840088 3202.530029 3140.850098 3199.199951  
3199.199951  
## 5888 2020-10-06 3165.000000 3182.000000 3090.000000 3099.959961  
3099.959961  
## 5889 2020-10-07 3135.000000 3200.000000 3132.389893 3195.689941  
3195.689941  
## 5890 2020-10-08 3224.989990 3233.290039 3174.989990 3190.550049  
3190.550049  
## 5891 2020-10-09 3210.000000 3288.989990 3197.830078 3286.649902  
3286.649902  
## 5892 2020-10-12 3349.939941 3496.239990 3339.550049 3442.929932  
3442.929932  
## 5893 2020-10-13 3467.989990 3492.379883 3424.219971 3443.629883  
3443.629883  
## 5894 2020-10-14 3447.000000 3464.879883 3340.000000 3363.709961  
3363.709961  
## 5895 2020-10-15 3292.010010 3355.879883 3280.000000 3338.649902  
3338.649902  
## 5896 2020-10-16 3363.229980 3399.659912 3160.000000 3272.709961  
3272.709961  
## 5897 2020-10-19 3299.610107 3329.000000 3192.739990 3207.209961  
3207.209961  
## 5898 2020-10-20 3222.280029 3266.000000 3192.010010 3217.010010  
3217.010010  
## 5899 2020-10-21 3212.500000 3233.879883 3160.000000 3184.939941  
3184.939941  
## 5900 2020-10-22 3189.870117 3198.750000 3121.939941 3176.399902  
3176.399902  
## 5901 2020-10-23 3191.000000 3205.330078 3140.000000 3204.399902  
3204.399902  
## 5902 2020-10-26 3198.739990 3282.979980 3153.300049 3207.040039  
3207.040039  
## 5903 2020-10-27 3224.939941 3291.659912 3211.300049 3286.330078  
3286.330078  
## 5904 2020-10-28 3249.300049 3264.020020 3162.469971 3162.780029  
3162.780029  
## 5905 2020-10-29 3201.270020 3257.250000 3164.000000 3211.010010  
3211.010010  
## 5906 2020-10-30 3157.750000 3167.000000 3019.000000 3036.149902  
3036.149902  
## 5907 2020-11-02 3061.739990 3079.709961 2950.120117 3004.479980  
3004.479980  
## 5908 2020-11-03 3018.530029 3074.899902 2980.979980 3048.409912  
3048.409912  
## 5909 2020-11-04 3159.989990 3244.850098 3139.729980 3241.159912  
3241.159912  
## 5910 2020-11-05 3319.969971 3366.800049 3288.879883 3322.000000  
3322.000000  
## 5911 2020-11-06 3304.639893 3322.000000 3232.000000 3311.370117  
3311.370117
```

```
## 5912 2020-11-09 3231.030029 3289.000000 3112.110107 3143.739990  
3143.739990  
## 5913 2020-11-10 3095.020020 3114.000000 3019.479980 3035.020020  
3035.020020  
## 5914 2020-11-11 3061.780029 3139.149902 3050.000000 3137.389893  
3137.389893  
## 5915 2020-11-12 3159.949951 3175.879883 3086.050049 3110.280029  
3110.280029  
## 5916 2020-11-13 3122.000000 3141.719971 3085.389893 3128.810059  
3128.810059  
## 5917 2020-11-16 3093.199951 3142.699951 3072.689941 3131.060059  
3131.060059  
## 5918 2020-11-17 3183.540039 3189.250000 3135.260010 3135.659912  
3135.659912  
## 5919 2020-11-18 3134.000000 3140.000000 3105.100098 3105.459961  
3105.459961  
## 5920 2020-11-19 3105.310059 3125.000000 3080.919922 3117.020020  
3117.020020  
## 5921 2020-11-20 3117.020020 3132.889893 3098.050049 3099.399902  
3099.399902  
## 5922 2020-11-23 3116.699951 3139.750000 3065.459961 3098.389893  
3098.389893  
## 5923 2020-11-24 3100.500000 3134.250000 3086.260010 3118.060059  
3118.060059  
## 5924 2020-11-25 3141.870117 3198.000000 3140.260010 3185.070068  
3185.070068  
## 5925 2020-11-27 3211.260010 3216.189941 3190.050049 3195.340088  
3195.340088  
## 5926 2020-11-30 3208.479980 3228.389893 3125.550049 3168.040039  
3168.040039  
## 5927 2020-12-01 3188.500000 3248.949951 3157.179932 3220.080078  
3220.080078  
## 5928 2020-12-02 3221.649902 3232.000000 3173.260010 3203.530029  
3203.530029  
## 5929 2020-12-03 3205.459961 3228.639893 3181.310059 3186.729980  
3186.729980  
## 5930 2020-12-04 3198.209961 3198.209961 3158.760010 3162.580078  
3162.580078  
## 5931 2020-12-07 3156.479980 3180.760010 3141.689941 3158.000000  
3158.000000  
## 5932 2020-12-08 3158.899902 3184.129883 3120.020020 3177.290039  
3177.290039  
## 5933 2020-12-09 3167.889893 3174.429932 3088.000000 3104.199951  
3104.199951  
## 5934 2020-12-10 3088.989990 3142.100098 3076.000000 3101.489990  
3101.489990  
## 5935 2020-12-11 3096.659912 3118.669922 3072.820068 3116.419922  
3116.419922  
## 5936 2020-12-14 3143.000000 3190.469971 3126.000000 3156.969971  
3156.969971
```

```
## 5937 2020-12-15 3181.010010 3188.500000 3130.489990 3165.120117  
3165.120117  
## 5938 2020-12-16 3176.010010 3247.000000 3163.679932 3240.959961  
3240.959961  
## 5939 2020-12-17 3250.000000 3263.510010 3221.000000 3236.080078  
3236.080078  
## 5940 2020-12-18 3243.989990 3249.419922 3171.600098 3201.649902  
3201.649902  
## 5941 2020-12-21 3200.010010 3226.969971 3166.000000 3206.179932  
3206.179932  
## 5942 2020-12-22 3202.840088 3222.000000 3180.080078 3206.520020  
3206.520020  
## 5943 2020-12-23 3205.000000 3210.129883 3184.169922 3185.270020  
3185.270020  
## 5944 2020-12-24 3193.899902 3202.000000 3169.000000 3172.689941  
3172.689941  
## 5945 2020-12-28 3194.000000 3304.000000 3172.689941 3283.959961  
3283.959961  
## 5946 2020-12-29 3309.939941 3350.649902 3281.219971 3322.000000  
3322.000000  
## 5947 2020-12-30 3341.000000 3342.100098 3282.469971 3285.850098  
3285.850098  
## 5948 2020-12-31 3275.000000 3282.919922 3241.199951 3256.929932  
3256.929932  
## 5949 2021-01-04 3270.000000 3272.000000 3144.020020 3186.629883  
3186.629883  
## 5950 2021-01-05 3166.010010 3223.379883 3165.060059 3218.510010  
3218.510010  
## 5951 2021-01-06 3146.479980 3197.510010 3131.159912 3138.379883  
3138.379883  
## 5952 2021-01-07 3157.000000 3208.540039 3155.000000 3162.159912  
3162.159912  
## 5953 2021-01-08 3180.000000 3190.639893 3142.199951 3182.699951  
3182.699951  
## 5954 2021-01-11 3148.010010 3156.379883 3110.000000 3114.209961  
3114.209961  
## 5955 2021-01-12 3120.000000 3142.139893 3086.000000 3120.830078  
3120.830078  
## 5956 2021-01-13 3128.439941 3189.949951 3122.080078 3165.889893  
3165.889893  
## 5957 2021-01-14 3167.520020 3178.000000 3120.590088 3127.469971  
3127.469971  
## 5958 2021-01-15 3123.020020 3142.550049 3095.169922 3104.250000  
3104.250000  
## 5959 2021-01-19 3107.000000 3145.000000 3096.000000 3120.760010  
3120.760010  
## 5960 2021-01-20 3181.989990 3279.800049 3175.000000 3263.379883  
3263.379883  
## 5961 2021-01-21 3293.000000 3348.550049 3289.570068 3306.989990  
3306.989990
```

```
## 5962 2021-01-22 3304.310059 3321.909912 3283.159912 3292.229980  
3292.229980  
## 5963 2021-01-25 3328.500000 3363.889893 3243.149902 3294.000000  
3294.000000  
## 5964 2021-01-26 3296.360107 3338.000000 3282.870117 3326.129883  
3326.129883  
## 5965 2021-01-27 3341.489990 3346.520020 3207.080078 3232.580078  
3232.580078  
## 5966 2021-01-28 3235.040039 3301.679932 3228.689941 3237.620117  
3237.620117  
## 5967 2021-01-29 3230.000000 3236.989990 3184.550049 3206.199951  
3206.199951  
## 5968 2021-02-01 3242.360107 3350.260010 3235.030029 3342.879883  
3342.879883  
## 5969 2021-02-02 3380.000000 3427.739990 3361.129883 3380.000000  
3380.000000  
## 5970 2021-02-03 3425.010010 3434.000000 3308.620117 3312.530029  
3312.530029  
## 5971 2021-02-04 3330.000000 3347.000000 3277.750000 3331.000000  
3331.000000  
## 5972 2021-02-05 3319.000000 3377.000000 3302.709961 3352.149902  
3352.149902  
## 5973 2021-02-08 3358.500000 3365.000000 3304.000000 3322.939941  
3322.939941  
## 5974 2021-02-09 3312.489990 3338.000000 3297.840088 3305.000000  
3305.000000  
## 5975 2021-02-10 3314.000000 3317.949951 3254.000000 3286.580078  
3286.580078  
## 5976 2021-02-11 3292.000000 3292.000000 3248.060059 3262.129883  
3262.129883  
## 5977 2021-02-12 3250.000000 3280.250000 3233.310059 3277.709961  
3277.709961  
## 5978 2021-02-16 3254.050049 3308.300049 3253.590088 3268.949951  
3268.949951  
## 5979 2021-02-17 3263.600098 3320.909912 3259.500000 3308.639893  
3308.639893  
## 5980 2021-02-18 3282.419922 3338.000000 3273.939941 3328.229980  
3328.229980  
## 5981 2021-02-19 3328.229980 3333.500000 3245.750000 3249.899902  
3249.899902  
## 5982 2021-02-22 3208.129883 3232.320068 3172.260010 3180.739990  
3180.739990  
## 5983 2021-02-23 3127.030029 3204.729980 3093.600098 3194.500000  
3194.500000  
## 5984 2021-02-24 3166.750000 3171.229980 3125.379883 3159.530029  
3159.530029  
## 5985 2021-02-25 3136.739990 3178.260010 3047.760010 3057.159912  
3057.159912  
## 5986 2021-02-26 3095.199951 3122.439941 3036.699951 3092.929932  
3092.929932
```

```
## 5987 2021-03-01 3127.889893 3149.560059 3097.989990 3146.139893  
3146.139893  
## 5988 2021-03-02 3143.469971 3163.520020 3087.120117 3094.530029  
3094.530029  
## 5989 2021-03-03 3081.179932 3107.780029 2995.000000 3005.000000  
3005.000000  
## 5990 2021-03-04 3012.000000 3058.129883 2945.429932 2977.570068  
2977.570068  
## 5991 2021-03-05 3005.000000 3009.000000 2881.000000 3000.459961  
3000.459961  
## 5992 2021-03-08 3015.000000 3064.590088 2951.310059 2951.949951  
2951.949951  
## 5993 2021-03-09 3017.989990 3090.959961 3005.149902 3062.850098  
3062.850098  
## 5994 2021-03-10 3098.449951 3116.459961 3030.050049 3057.639893  
3057.639893  
## 5995 2021-03-11 3104.010010 3131.780029 3082.929932 3113.590088  
3113.590088  
## 5996 2021-03-12 3075.000000 3098.979980 3045.500000 3089.489990  
3089.489990  
## 5997 2021-03-15 3074.570068 3082.239990 3032.090088 3081.679932  
3081.679932  
## 5998 2021-03-16 3104.969971 3128.909912 3075.860107 3091.860107  
3091.860107  
## 5999 2021-03-17 3073.219971 3173.050049 3070.219971 3135.729980  
3135.729980  
## 6000 2021-03-18 3101.000000 3116.629883 3025.000000 3027.989990  
3027.989990  
## 6001 2021-03-19 3029.229980 3077.290039 3016.629883 3074.959961  
3074.959961  
## 6002 2021-03-22 3067.850098 3126.580078 3060.050049 3110.870117  
3110.870117  
## 6003 2021-03-23 3127.000000 3182.000000 3120.850098 3137.500000  
3137.500000  
## 6004 2021-03-24 3151.040039 3160.310059 3085.149902 3087.070068  
3087.070068  
## 6005 2021-03-25 3072.989990 3109.780029 3037.139893 3046.260010  
3046.260010  
## 6006 2021-03-26 3044.060059 3056.659912 2996.000000 3052.030029  
3052.030029  
## 6007 2021-03-29 3055.439941 3091.250000 3028.449951 3075.729980  
3075.729980  
## 6008 2021-03-30 3070.010010 3073.000000 3034.000000 3055.290039  
3055.290039  
## 6009 2021-03-31 3064.060059 3119.330078 3062.500000 3094.080078  
3094.080078  
## 6010 2021-04-01 3117.939941 3162.439941 3115.550049 3161.000000  
3161.000000  
## 6011 2021-04-05 3173.000000 3235.959961 3161.239990 3226.729980  
3226.729980
```

```
## 6012 2021-04-06 3223.750000 3247.310059 3217.040039 3223.820068  
3223.820068  
## 6013 2021-04-07 3233.800049 3303.610107 3223.649902 3279.389893  
3279.389893  
## 6014 2021-04-08 3310.899902 3324.500000 3292.000000 3299.300049  
3299.300049  
## 6015 2021-04-09 3304.699951 3372.199951 3288.899902 3372.199951  
3372.199951  
## 6016 2021-04-12 3355.209961 3395.040039 3351.149902 3379.389893  
3379.389893  
## 6017 2021-04-13 3400.850098 3432.000000 3395.629883 3400.000000  
3400.000000  
## 6018 2021-04-14 3404.040039 3404.129883 3326.000000 3333.000000  
3333.000000  
## 6019 2021-04-15 3371.000000 3397.000000 3352.000000 3379.090088  
3379.090088  
## 6020 2021-04-16 3380.000000 3406.800049 3355.590088 3399.439941  
3399.439941  
## 6021 2021-04-19 3390.330078 3435.929932 3360.159912 3372.010010  
3372.010010  
## 6022 2021-04-20 3373.600098 3382.989990 3316.000000 3334.689941  
3334.689941  
## 6023 2021-04-21 3316.000000 3362.860107 3303.810059 3362.020020  
3362.020020  
## 6024 2021-04-22 3371.679932 3372.870117 3301.449951 3309.040039  
3309.040039  
## 6025 2021-04-23 3319.100098 3375.000000 3308.500000 3340.879883  
3340.879883  
## 6026 2021-04-26 3348.000000 3428.449951 3330.939941 3409.000000  
3409.000000  
## 6027 2021-04-27 3443.469971 3460.000000 3398.010010 3417.429932  
3417.429932  
## 6028 2021-04-28 3434.800049 3489.879883 3425.000000 3458.500000  
3458.500000  
## 6029 2021-04-29 3505.100098 3514.449951 3435.000000 3471.310059  
3471.310059  
## 6030 2021-04-30 3525.120117 3554.000000 3462.500000 3467.419922  
3467.419922  
## 6031 2021-05-03 3484.729980 3486.649902 3372.699951 3386.489990  
3386.489990  
## 6032 2021-05-04 3356.189941 3367.979980 3272.129883 3311.870117  
3311.870117  
## 6033 2021-05-05 3338.860107 3354.699951 3264.360107 3270.540039  
3270.540039  
## 6034 2021-05-06 3270.000000 3314.399902 3247.199951 3306.370117  
3306.370117  
## 6035 2021-05-07 3319.090088 3330.889893 3289.070068 3291.610107  
3291.610107  
## 6036 2021-05-10 3282.320068 3283.000000 3190.000000 3190.489990  
3190.489990
```

```
## 6037 2021-05-11 3136.280029 3238.000000 3127.370117 3223.909912  
3223.909912  
## 6038 2021-05-12 3185.000000 3207.939941 3133.100098 3151.939941  
3151.939941  
## 6039 2021-05-13 3185.469971 3203.840088 3133.000000 3161.469971  
3161.469971  
## 6040 2021-05-14 3185.560059 3228.860107 3183.000000 3222.899902  
3222.899902  
## 6041 2021-05-17 3245.929932 3292.750000 3234.590088 3270.389893  
3270.389893  
## 6042 2021-05-18 3292.580078 3312.000000 3230.370117 3232.280029  
3232.280029  
## 6043 2021-05-19 3195.000000 3234.750000 3184.000000 3231.800049  
3231.800049  
## 6044 2021-05-20 3244.399902 3259.679932 3236.179932 3247.679932  
3247.679932  
## 6045 2021-05-21 3250.000000 3256.689941 3197.010010 3203.080078  
3203.080078  
## 6046 2021-05-24 3215.500000 3257.949951 3210.500000 3244.989990  
3244.989990  
## 6047 2021-05-25 3266.669922 3279.820068 3213.760010 3259.050049  
3259.050049  
## 6048 2021-05-26 3274.590088 3295.729980 3258.510010 3265.159912  
3265.159912  
## 6049 2021-05-27 3256.000000 3260.360107 3230.040039 3230.110107  
3230.110107  
## 6050 2021-05-28 3242.000000 3247.989990 3219.699951 3223.070068  
3223.070068  
## 6051 2021-06-01 3243.500000 3250.979980 3209.060059 3218.649902  
3218.649902  
## 6052 2021-06-02 3223.100098 3235.000000 3208.000000 3233.989990  
3233.989990  
## 6053 2021-06-03 3204.229980 3214.439941 3184.030029 3187.010010  
3187.010010  
## 6054 2021-06-04 3212.000000 3221.000000 3198.810059 3206.219971  
3206.219971  
## 6055 2021-06-07 3197.330078 3208.000000 3172.199951 3198.010010  
3198.010010  
## 6056 2021-06-08 3222.610107 3279.530029 3218.010010 3264.110107  
3264.110107  
## 6057 2021-06-09 3272.870117 3297.580078 3270.699951 3281.149902  
3281.149902  
## 6058 2021-06-10 3282.010010 3351.000000 3281.149902 3349.649902  
3349.649902  
## 6059 2021-06-11 3349.649902 3366.580078 3333.449951 3346.830078  
3346.830078  
## 6060 2021-06-14 3346.830078 3385.000000 3335.500000 3383.870117  
3383.870117  
## 6061 2021-06-15 3384.000000 3396.989990 3363.110107 3383.129883  
3383.129883
```

```
## 6062 2021-06-16 3392.00000 3426.350098 3360.530029 3415.250000  
3415.250000  
## 6063 2021-06-17 3403.179932 3497.199951 3401.000000 3489.239990  
3489.239990  
## 6064 2021-06-18 3479.989990 3507.000000 3473.709961 3486.899902  
3486.899902  
## 6065 2021-06-21 3476.419922 3482.000000 3434.000000 3453.959961  
3453.959961  
## 6066 2021-06-22 3458.060059 3523.780029 3456.090088 3505.439941  
3505.439941  
## 6067 2021-06-23 3505.000000 3521.000000 3483.199951 3503.820068  
3503.820068  
## 6068 2021-06-24 3507.639893 3524.860107 3430.850098 3449.080078  
3449.080078  
## 6069 2021-06-25 3464.000000 3464.820068 3394.179932 3401.459961  
3401.459961  
## 6070 2021-06-28 3416.000000 3448.000000 3413.510010 3443.889893  
3443.889893  
## 6071 2021-06-29 3438.820068 3456.030029 3423.030029 3448.139893  
3448.139893  
## 6072 2021-06-30 3441.060059 3471.600098 3435.000000 3440.159912  
3440.159912  
## 6073 2021-07-01 3434.610107 3457.000000 3409.419922 3432.969971  
3432.969971  
## 6074 2021-07-02 3451.639893 3511.719971 3436.919922 3510.979980  
3510.979980  
## 6075 2021-07-06 3530.110107 3685.479980 3529.000000 3675.739990  
3675.739990  
## 6076 2021-07-07 3717.379883 3734.199951 3678.909912 3696.580078  
3696.580078  
## 6077 2021-07-08 3643.560059 3759.989990 3621.120117 3731.409912  
3731.409912  
## 6078 2021-07-09 3722.520020 3748.000000 3693.399902 3719.340088  
3719.340088  
## 6079 2021-07-12 3744.000000 3757.290039 3696.790039 3718.550049  
3718.550049  
## 6080 2021-07-13 3702.100098 3773.080078 3671.320068 3677.360107  
3677.360107  
## 6081 2021-07-14 3708.850098 3717.659912 3660.830078 3681.679932  
3681.679932  
## 6082 2021-07-15 3694.199951 3695.399902 3620.919922 3631.199951  
3631.199951  
## 6083 2021-07-16 3633.310059 3646.060059 3570.459961 3573.629883  
3573.629883  
## 6084 2021-07-19 3532.580078 3550.209961 3499.159912 3549.590088  
3549.590088  
## 6085 2021-07-20 3567.320068 3592.000000 3518.000000 3573.189941  
3573.189941  
## 6086 2021-07-21 3576.379883 3586.449951 3543.639893 3585.199951  
3585.199951
```

```
## 6087 2021-07-22 3587.229980 3640.020020 3582.270020 3638.030029  
3638.030029  
## 6088 2021-07-23 3640.000000 3666.110107 3622.040039 3656.639893  
3656.639893  
## 6089 2021-07-26 3673.169922 3712.080078 3647.250000 3699.820068  
3699.820068  
## 6090 2021-07-27 3698.500000 3698.500000 3586.149902 3626.389893  
3626.389893  
## 6091 2021-07-28 3633.780029 3658.419922 3601.000000 3630.320068  
3630.320068  
## 6092 2021-07-29 3627.750000 3637.949951 3580.010010 3599.919922  
3599.919922  
## 6093 2021-07-30 3347.949951 3368.139893 3306.979980 3327.590088  
3327.590088  
## 6094 2021-08-02 3353.100098 3358.919922 3317.000000 3331.479980  
3331.479980  
## 6095 2021-08-03 3340.719971 3391.000000 3299.770020 3366.239990  
3366.239990  
## 6096 2021-08-04 3379.350098 3388.879883 3345.560059 3354.719971  
3354.719971  
## 6097 2021-08-05 3356.219971 3389.000000 3340.919922 3375.989990  
3375.989990  
## 6098 2021-08-06 3375.000000 3375.000000 3329.040039 3344.939941  
3344.939941  
## 6099 2021-08-09 3343.610107 3354.879883 3328.520020 3341.870117  
3341.870117  
## 6100 2021-08-10 3345.010010 3358.000000 3315.000000 3320.679932  
3320.679932  
## 6101 2021-08-11 3331.449951 3337.699951 3277.790039 3292.110107  
3292.110107  
## 6102 2021-08-12 3290.000000 3314.510010 3269.669922 3303.500000  
3303.500000  
## 6103 2021-08-13 3305.669922 3306.070068 3283.000000 3293.969971  
3293.969971  
## 6104 2021-08-16 3283.000000 3300.000000 3211.129883 3298.989990  
3298.989990  
## 6105 2021-08-17 3277.500000 3280.489990 3225.679932 3241.959961  
3241.959961  
## 6106 2021-08-18 3241.989990 3254.100098 3200.000000 3201.219971  
3201.219971  
## 6107 2021-08-19 3194.020020 3233.000000 3182.459961 3187.750000  
3187.750000  
## 6108 2021-08-20 3203.870117 3207.810059 3175.760010 3199.949951  
3199.949951  
## 6109 2021-08-23 3211.899902 3280.899902 3210.010010 3265.870117  
3265.870117  
## 6110 2021-08-24 3280.000000 3315.489990 3274.580078 3305.780029  
3305.780029  
## 6111 2021-08-25 3309.870117 3321.000000 3286.149902 3299.179932  
3299.179932
```

```
## 6112 2021-08-26 3299.000000 3332.000000 3296.000000 3316.000000  
3316.000000  
## 6113 2021-08-27 3333.229980 3352.320068 3313.750000 3349.629883  
3349.629883  
## 6114 2021-08-30 3357.429932 3445.000000 3355.219971 3421.570068  
3421.570068  
## 6115 2021-08-31 3424.800049 3472.580078 3395.590088 3470.790039  
3470.790039  
## 6116 2021-09-01 3496.399902 3527.000000 3475.239990 3479.000000  
3479.000000  
## 6117 2021-09-02 3494.760010 3511.959961 3455.000000 3463.120117  
3463.120117  
## 6118 2021-09-03 3452.000000 3482.669922 3436.439941 3478.050049  
3478.050049  
## 6119 2021-09-07 3478.000000 3528.090088 3476.939941 3509.290039  
3509.290039  
## 6120 2021-09-08 3511.649902 3545.629883 3495.669922 3525.500000  
3525.500000  
## 6121 2021-09-09 3526.020020 3549.989990 3480.370117 3484.159912  
3484.159912  
## 6122 2021-09-10 3501.830078 3508.449951 3462.909912 3469.149902  
3469.149902  
## 6123 2021-09-13 3482.800049 3497.959961 3438.000000 3457.169922  
3457.169922  
## 6124 2021-09-14 3475.550049 3486.810059 3437.709961 3450.000000  
3450.000000  
## 6125 2021-09-15 3442.520020 3485.419922 3402.010010 3475.790039  
3475.790039  
## 6126 2021-09-16 3459.959961 3492.550049 3446.139893 3488.239990  
3488.239990  
## 6127 2021-09-17 3488.409912 3497.409912 3452.129883 3462.520020  
3462.520020  
## 6128 2021-09-20 3396.000000 3419.000000 3305.010010 3355.729980  
3355.729980  
## 6129 2021-09-21 3375.000000 3379.699951 3332.389893 3343.629883  
3343.629883  
## 6130 2021-09-22 3351.000000 3389.000000 3341.050049 3380.050049  
3380.050049  
## 6131 2021-09-23 3380.050049 3428.959961 3380.050049 3416.000000  
3416.000000  
## 6132 2021-09-24 3402.010010 3429.260010 3393.399902 3425.520020  
3425.520020  
## 6133 2021-09-27 3371.500000 3415.570068 3339.610107 3405.800049  
3405.800049  
## 6134 2021-09-28 3357.709961 3369.189941 3290.100098 3315.959961  
3315.959961  
## 6135 2021-09-29 3322.110107 3351.300049 3297.870117 3301.120117  
3301.120117  
## 6136 2021-09-30 3316.000000 3327.850098 3273.989990 3285.040039  
3285.040039
```

```
## 6137 2021-10-01 3289.010010 3309.169922 3255.939941 3283.260010  
3283.260010  
## 6138 2021-10-04 3279.389893 3279.989990 3176.250000 3189.780029  
3189.780029  
## 6139 2021-10-05 3204.500000 3260.729980 3202.459961 3221.000000  
3221.000000  
## 6140 2021-10-06 3213.530029 3264.340088 3198.620117 3262.010010  
3262.010010  
## 6141 2021-10-07 3291.540039 3325.750000 3283.060059 3302.429932  
3302.429932  
## 6142 2021-10-08 3317.000000 3321.429932 3288.199951 3288.620117  
3288.620117  
## 6143 2021-10-11 3275.000000 3292.590088 3238.100098 3246.300049  
3246.300049  
## 6144 2021-10-12 3257.000000 3267.530029 3236.280029 3247.330078  
3247.330078  
## 6145 2021-10-13 3269.709961 3288.379883 3261.090088 3284.280029  
3284.280029  
## 6146 2021-10-14 3302.449951 3312.600098 3290.780029 3299.860107  
3299.860107  
## 6147 2021-10-15 3311.419922 3410.419922 3304.000000 3409.020020  
3409.020020  
## 6148 2021-10-18 3388.360107 3449.169922 3385.100098 3446.739990  
3446.739990  
## 6149 2021-10-19 3434.290039 3454.689941 3422.000000 3444.149902  
3444.149902  
## 6150 2021-10-20 3452.659912 3462.860107 3400.370117 3415.060059  
3415.060059  
## 6151 2021-10-21 3414.250000 3440.280029 3403.000000 3435.010010  
3435.010010  
## 6152 2021-10-22 3421.000000 3429.840088 3331.300049 3335.550049  
3335.550049  
## 6153 2021-10-25 3335.000000 3347.800049 3297.699951 3320.370117  
3320.370117  
## 6154 2021-10-26 3349.510010 3416.120117 3343.979980 3376.070068  
3376.070068  
## 6155 2021-10-27 3388.000000 3437.000000 3371.449951 3392.489990  
3392.489990  
## 6156 2021-10-28 3402.100098 3479.000000 3386.000000 3446.570068  
3446.570068  
## 6157 2021-10-29 3300.020020 3374.820068 3273.320068 3372.429932  
3372.429932  
## 6158 2021-11-01 3361.800049 3375.860107 3292.020020 3318.110107  
3318.110107  
## 6159 2021-11-02 3315.010010 3331.120117 3283.550049 3312.750000  
3312.750000  
## 6160 2021-11-03 3309.000000 3394.919922 3297.520020 3384.000000  
3384.000000  
## 6161 2021-11-04 3370.000000 3498.629883 3365.000000 3477.000000  
3477.000000
```

```
## 6162 2021-11-05 3477.00000 3566.250000 3476.979980 3518.989990  
3518.989990  
## 6163 2021-11-08 3523.239990 3579.000000 3487.860107 3488.979980  
3488.979980  
## 6164 2021-11-09 3515.250000 3593.770020 3501.429932 3576.229980  
3576.229980  
## 6165 2021-11-10 3563.870117 3605.449951 3463.090088 3482.050049  
3482.050049  
## 6166 2021-11-11 3513.000000 3543.239990 3467.469971 3472.500000  
3472.500000  
## 6167 2021-11-12 3485.000000 3540.729980 3447.050049 3525.149902  
3525.149902  
## 6168 2021-11-15 3537.000000 3593.879883 3525.810059 3545.679932  
3545.679932  
## 6169 2021-11-16 3539.000000 3576.500000 3525.149902 3540.699951  
3540.699951  
## 6170 2021-11-17 3564.719971 3587.250000 3545.350098 3549.000000  
3549.000000  
## 6171 2021-11-18 3566.350098 3704.199951 3561.000000 3696.060059  
3696.060059  
## 6172 2021-11-19 3712.689941 3762.149902 3675.719971 3676.570068  
3676.570068  
## 6173 2021-11-22 3676.379883 3713.459961 3567.500000 3572.570068  
3572.570068  
## 6174 2021-11-23 3585.040039 3621.050049 3527.709961 3580.040039  
3580.040039  
## 6175 2021-11-24 3562.669922 3613.639893 3536.850098 3580.409912  
3580.409912  
## 6176 2021-11-26 3602.100098 3633.500000 3504.149902 3504.560059  
3504.560059  
## 6177 2021-11-29 3547.639893 3596.000000 3531.500000 3561.570068  
3561.570068  
## 6178 2021-11-30 3563.500000 3585.770020 3492.010010 3507.070068  
3507.070068  
## 6179 2021-12-01 3545.000000 3559.879883 3441.600098 3443.719971  
3443.719971  
## 6180 2021-12-02 3460.000000 3492.699951 3423.750000 3437.360107  
3437.360107  
## 6181 2021-12-03 3455.000000 3469.870117 3338.600098 3389.790039  
3389.790039  
## 6182 2021-12-06 3393.000000 3473.909912 3338.689941 3427.370117  
3427.370117  
## 6183 2021-12-07 3492.000000 3549.989990 3466.689941 3523.290039  
3523.290039  
## 6184 2021-12-08 3523.010010 3543.600098 3495.010010 3523.159912  
3523.159912  
## 6185 2021-12-09 3515.000000 3539.389893 3482.790039 3483.419922  
3483.419922  
## 6186 2021-12-10 3508.340088 3518.540039 3410.000000 3444.239990  
3444.239990
```

```
## 6187 2021-12-13 3440.00000 3442.00000 3382.600098 3391.350098  
3391.350098  
## 6188 2021-12-14 3351.00000 3389.979980 3328.800049 3381.830078  
3381.830078  
## 6189 2021-12-15 3371.959961 3472.000000 3303.899902 3466.300049  
3466.300049  
## 6190 2021-12-16 3467.370117 3483.320068 3363.209961 3377.419922  
3377.419922  
## 6191 2021-12-17 3354.209961 3417.969971 3312.270020 3400.350098  
3400.350098  
## 6192 2021-12-20 3337.000000 3357.489990 3312.000000 3341.580078  
3341.580078  
## 6193 2021-12-21 3357.010010 3414.330078 3312.949951 3408.340088  
3408.340088  
## 6194 2021-12-22 3385.399902 3441.000000 3370.010010 3420.739990  
3420.739990  
## 6195 2021-12-23 3408.560059 3439.500000 3403.000000 3421.370117  
3421.370117  
## 6196 2021-12-27 3420.739990 3458.860107 3384.310059 3393.389893  
3393.389893  
## 6197 2021-12-28 3403.649902 3443.520020 3382.709961 3413.219971  
3413.219971  
## 6198 2021-12-29 3416.800049 3424.239990 3372.010010 3384.020020  
3384.020020  
## 6199 2021-12-30 3394.000000 3417.760010 3370.479980 3372.889893  
3372.889893  
## 6200 2021-12-31 3379.120117 3387.000000 3331.169922 3334.340088  
3334.340088  
## 6201 2022-01-03 3351.000000 3414.070068 3323.209961 3408.090088  
3408.090088  
## 6202 2022-01-04 3408.760010 3428.000000 3326.989990 3350.439941  
3350.439941  
## 6203 2022-01-05 3337.659912 3342.530029 3287.139893 3287.139893  
3287.139893  
## 6204 2022-01-06 3269.010010 3296.000000 3238.739990 3265.080078  
3265.080078  
## 6205 2022-01-07 3276.780029 3304.870117 3240.620117 3251.080078  
3251.080078  
## 6206 2022-01-10 3211.709961 3233.229980 3126.090088 3229.719971  
3229.719971  
## 6207 2022-01-11 3230.000000 3327.000000 3214.030029 3307.239990  
3307.239990  
## 6208 2022-01-12 3331.500000 3337.560059 3288.340088 3304.139893  
3304.139893  
## 6209 2022-01-13 3305.010010 3324.429932 3221.820068 3224.280029  
3224.280029  
## 6210 2022-01-14 3203.000000 3245.000000 3196.010010 3242.760010  
3242.760010  
## 6211 2022-01-18 3182.100098 3194.689941 3153.290039 3178.350098  
3178.350098
```

```
## 6212 2022-01-19 3175.239990 3185.000000 3125.000000 3125.979980  
3125.979980  
## 6213 2022-01-20 3135.320068 3160.000000 3027.020020 3033.350098  
3033.350098  
## 6214 2022-01-21 2999.000000 3018.000000 2841.409912 2852.860107  
2852.860107  
## 6215 2022-01-24 2780.000000 2898.899902 2707.040039 2890.879883  
2890.879883  
## 6216 2022-01-25 2844.850098 2872.000000 2762.899902 2799.719971  
2799.719971  
## 6217 2022-01-26 2895.000000 2903.699951 2746.370117 2777.449951  
2777.449951  
## 6218 2022-01-27 2816.000000 2884.870117 2787.000000 2792.750000  
2792.750000  
## 6219 2022-01-28 2817.209961 2879.959961 2758.590088 2879.560059  
2879.560059  
## 6220 2022-01-31 2895.000000 3007.209961 2886.010010 2991.469971  
2991.469971  
## 6221 2022-02-01 3000.000000 3034.159912 2952.550049 3023.870117  
3023.870117  
## 6222 2022-02-02 3101.010010 3101.500000 2977.270020 3012.250000  
3012.250000  
## 6223 2022-02-03 2834.750000 2884.949951 2766.659912 2776.909912  
2776.909912  
## 6224 2022-02-04 3112.129883 3224.000000 3012.159912 3152.790039  
3152.790039  
## 6225 2022-02-07 3170.399902 3253.820068 3145.000000 3158.709961  
3158.709961  
## 6226 2022-02-08 3135.010010 3235.850098 3111.010010 3228.270020  
3228.270020  
## 6227 2022-02-09 3257.469971 3276.689941 3205.000000 3223.790039  
3223.790039  
## 6228 2022-02-10 3167.000000 3214.330078 3155.000000 3180.070068  
3180.070068  
## 6229 2022-02-11 3162.689941 3180.000000 3054.679932 3065.870117  
3065.870117  
## 6230 2022-02-14 3035.020020 3168.969971 3033.000000 3103.340088  
3103.340088  
## 6231 2022-02-15 3152.110107 3160.139893 3092.750000 3130.209961  
3130.209961  
## 6232 2022-02-16 3115.810059 3176.679932 3094.689941 3162.010010  
3162.010010  
## 6233 2022-02-17 3162.919922 3206.979980 3090.000000 3093.050049  
3093.050049  
## 6234 2022-02-18 3109.989990 3109.989990 3017.860107 3052.030029  
3052.030029  
## 6235 2022-02-22 3009.570068 3059.649902 2969.709961 3003.949951  
3003.949951  
## 6236 2022-02-23 3033.010010 3035.260010 2893.020020 2896.540039  
2896.540039
```

```
## 6237 2022-02-24 2796.750000 3034.979980 2790.000000 3027.159912
3027.159912
## 6238 2022-02-25 3011.000000 3079.800049 2984.270020 3075.770020
3075.770020
## 6239 2022-02-28 3048.500000 3089.000000 3017.000000 3071.260010
3071.260010
## 6240 2022-03-01 3054.649902 3081.979980 2999.540039 3022.840088
3022.840088
## 6241 2022-03-02 3016.979980 3059.989990 2975.000000 3041.050049
3041.050049
## 6242 2022-03-03 3070.629883 3078.580078 2937.120117 2957.969971
2957.969971
## 6243 2022-03-04 2943.179932 2957.000000 2876.139893 2912.820068
2912.820068
## 6244 2022-03-07 2908.870117 2921.889893 2748.330078 2749.060059
2749.060059
## 6245 2022-03-08 2733.669922 2813.989990 2671.449951 2720.290039
2720.290039
## 6246 2022-03-09 2790.000000 2805.000000 2736.560059 2785.580078
2785.580078
## 6247 2022-03-10 2913.699951 2973.489990 2879.560059 2936.350098
2936.350098
## 6248 2022-03-11 2991.489990 2993.500000 2907.379883 2910.489990
2910.489990
## 6249 2022-03-14 2919.620117 2949.000000 2817.679932 2837.060059
2837.060059
## 6250 2022-03-15 2857.000000 2959.699951 2840.000000 2947.330078
2947.330078
## 6251 2022-03-16 2970.000000 3063.000000 2947.070068 3062.080078
3062.080078
## 6252 2022-03-17 3052.810059 3149.969971 3042.800049 3144.780029
3144.780029
## 6253 2022-03-18 3136.260010 3231.879883 3120.219971 3225.010010
3225.010010
## 6254 2022-03-21 3222.419922 3261.679932 3191.060059 3229.830078
3229.830078
## 6255 2022-03-22 3236.110107 3323.340088 3233.979980 3297.780029
3297.780029
## 6256 2022-03-23 3274.100098 3327.399902 3253.739990 3268.159912
3268.159912
## 6257 2022-03-24 3274.989990 3282.370117 3201.000000 3272.989990
3272.989990
##          Volume
## 1      72156000
## 2      14700000
## 3      6106800
## 4      5467200
## 5      18853200
## 6      11776800
## 7      15937200
```

```
## 8      8697600
## 9      4574400
## 10     3472800
## 11     2594400
## 12     591600
## 13     1183200
## 14     3080400
## 15     5672400
## 16     7807200
## 17     2352000
## 18     5458800
## 19     1188000
## 20     1632000
## 21     693600
## 22     913200
## 23     4706400
## 24     2464800
## 25     1003200
## 26     3387600
## 27     1047600
## 28     751200
## 29     2106000
## 30     3189600
## 31     1188000
## 32     2746800
## 33     1292400
## 34     3882000
## 35     12577200
## 36     8053200
## 37     15517200
## 38     8262000
## 39     9051600
## 40     10531200
## 41     4604400
## 42     9274800
## 43     3024000
## 44     3169200
## 45     780000
## 46     574800
## 47     1563600
## 48     3259200
## 49     1216800
## 50     620400
## 51     2574000
## 52     4814400
## 53     2517600
## 54     1454400
## 55     3588000
## 56     2671200
## 57     3032400
```

```
## 58      1243200
## 59      2034000
## 60      2211600
## 61      1239600
## 62      571200
## 63      590400
## 64      1041600
## 65      1597200
## 66      1784400
## 67      1003200
## 68      999600
## 69      624000
## 70      712800
## 71      1126800
## 72      2574000
## 73      1392000
## 74      1147200
## 75      722400
## 76      732000
## 77      1964400
## 78      3348000
## 79      1908000
## 80      5648400
## 81      8971200
## 82      3866400
## 83      4262400
## 84      3333600
## 85      5583600
## 86      6432000
## 87      2607600
## 88      2128800
## 89      8929200
## 90      16938000
## 91      7682400
## 92      8200800
## 93      4968000
## 94      2731200
## 95      2371200
## 96      5254800
## 97      4999200
## 98      1876800
## 99      1164000
## 100     2028000
## 101     1742400
## 102     2806800
## 103     3950400
## 104     3787200
## 105     814800
## 106     1546800
## 107     2355600
```

```
## 108    3481200
## 109    2534400
## 110    4912800
## 111    12096000
## 112    5208000
## 113    5656800
## 114    9492000
## 115    6091200
## 116    11719200
## 117    7126800
## 118    4770000
## 119    5026800
## 120    1999200
## 121    2365200
## 122    3093600
## 123    2913600
## 124    2626800
## 125    2764800
## 126    4312800
## 127    8683200
## 128    4290000
## 129    5869200
## 130    7394400
## 131    1866000
## 132    2534400
## 133    5923200
## 134    2602800
## 135    2019600
## 136    3304800
## 137    1630800
## 138    1603200
## 139    2383200
## 140    1262400
## 141    1290000
## 142    3038400
## 143    2661600
## 144    4766400
## 145    1332000
## 146    1444800
## 147    5014800
## 148    2672400
## 149    1694400
## 150    1687200
## 151    6140400
## 152    3204000
## 153    4753200
## 154    4352400
## 155    1177200
## 156    2336400
## 157    487200
```

```
## 158    2552400
## 159    6285600
## 160    4446000
## 161    1660800
## 162    3590400
## 163    4174800
## 164    2725200
## 165    6015600
## 166    6643200
## 167    7401600
## 168    7321200
## 169    8505600
## 170    6014400
## 171    2563200
## 172    5467200
## 173    8738400
## 174    9471600
## 175    9118800
## 176    4712400
## 177    4104000
## 178    5293200
## 179    4836000
## 180    3722400
## 181    6913200
## 182    4429200
## 183    1234800
## 184    5832000
## 185    2122800
## 186    2626800
## 187    12296400
## 188    6474000
## 189    3036000
## 190    8420400
## 191    2376000
## 192    2971200
## 193    4436400
## 194    2703600
## 195    3978000
## 196    13945200
## 197    6745200
## 198    15373200
## 199    24706800
## 200    10957200
## 201    8016000
## 202    7314000
## 203    12001200
## 204    5887200
## 205    23055600
## 206    24750000
## 207    12349200
```

```
## 208    9799200
## 209    6523200
## 210    3312000
## 211    3100800
## 212    13659600
## 213    12115200
## 214    6412800
## 215    3004800
## 216    5680800
## 217    11289600
## 218    7878000
## 219    7646400
## 220    5500800
## 221    6565200
## 222    14451600
## 223    16642800
## 224    11694000
## 225    11024400
## 226    11634000
## 227    11314800
## 228    16034400
## 229    10980000
## 230    16323600
## 231    11192400
## 232    16244400
## 233    7035600
## 234    8979600
## 235    8354400
## 236    11301600
## 237    12253200
## 238    16785600
## 239    18885600
## 240    69594000
## 241    31657200
## 242    22485600
## 243    9307200
## 244    7735200
## 245    5998800
## 246    7438800
## 247    13887600
## 248    4792800
## 249    11372400
## 250    11636400
## 251    13944000
## 252    8600400
## 253    4628400
## 254    6618000
## 255    3423600
## 256    4048800
## 257    3403200
```

```
## 258      5862000
## 259      10884000
## 260      23234400
## 261      9412800
## 262      8641200
## 263      8043600
## 264      8201400
## 265      6581400
## 266      4995600
## 267      3427200
## 268      5463000
## 269      19436400
## 270      24285000
## 271      35851200
## 272      21655800
## 273      33701400
## 274      39167400
## 275      40265400
## 276      31639800
## 277      36678600
## 278      36318000
## 279      37463400
## 280      58704600
## 281      54465000
## 282      31149600
## 283      24507600
## 284      21877200
## 285      28254600
## 286      52279800
## 287      46883400
## 288      47251800
## 289      58311600
## 290      29493000
## 291      24982200
## 292      19248000
## 293      25358400
## 294      17610000
## 295      13999200
## 296      17826000
## 297      35925000
## 298      47328000
## 299      27974400
## 300      27810600
## 301      28974000
## 302      28830600
## 303      20746800
## 304      19644600
## 305      31774200
## 306      13440600
## 307      12913200
```

```
## 308 28065000
## 309 23060400
## 310 18603600
## 311 23433000
## 312 18516000
## 313 28158600
## 314 20140800
## 315 24629400
## 316 19410000
## 317 14617800
## 318 18000600
## 319 19281600
## 320 15886200
## 321 15136200
## 322 13949400
## 323 14351400
## 324 16390800
## 325 16027200
## 326 39036000
## 327 41000400
## 328 67450800
## 329 47328600
## 330 25471200
## 331 17812200
## 332 21936600
## 333 17896200
## 334 31969800
## 335 23612400
## 336 15060000
## 337 17228400
## 338 39118800
## 339 42457800
## 340 16742400
## 341 23767200
## 342 30305400
## 343 45583800
## 344 51124200
## 345 36598800
## 346 38604600
## 347 38335800
## 348 29430600
## 349 34392000
## 350 34495800
## 351 24496200
## 352 28171800
## 353 42834000
## 354 30384600
## 355 20727000
## 356 21817200
## 357 10685400
```

```
## 358 15590400
## 359 16971000
## 360 21405000
## 361 16681200
## 362 19167600
## 363 12618000
## 364 26695200
## 365 13624800
## 366 19516800
## 367 20164200
## 368 19891800
## 369 32932200
## 370 21182400
## 371 31494000
## 372 18388200
## 373 20383200
## 374 14732400
## 375 18894000
## 376 21843600
## 377 34375800
## 378 16463400
## 379 11974800
## 380 8940600
## 381 11897400
## 382 61141800
## 383 59133600
## 384 38895600
## 385 66912600
## 386 67781400
## 387 81675600
## 388 27522600
## 389 9586800
## 390 29752200
## 391 47154600
## 392 29649000
## 393 21836400
## 394 22257600
## 395 15774000
## 396 25549800
## 397 46506600
## 398 30361800
## 399 25467600
## 400 38751000
## 401 38015400
## 402 101797200
## 403 67635000
## 404 22951800
## 405 33384000
## 406 31760400
## 407 14563800
```

```
## 408      5413800
## 409      29898600
## 410      24607800
## 411      32583600
## 412      18298200
## 413      39292200
## 414      62873200
## 415      36176600
## 416      47274600
## 417      66662200
## 418      38923000
## 419      24443200
## 420      29876400
## 421      20912400
## 422      20132600
## 423      11405400
## 424      30535200
## 425      47048200
## 426      43765800
## 427      27323800
## 428      24534800
## 429      35022600
## 430      23750600
## 431      16396000
## 432      12781000
## 433      13048600
## 434      18791000
## 435      11649600
## 436      8566000
## 437      12598200
## 438      12826000
## 439      13205000
## 440      13793000
## 441      7765400
## 442      7779800
## 443      9668600
## 444      21562600
## 445      26918200
## 446      19212200
## 447      21139200
## 448      24786400
## 449      36689800
## 450      25365400
## 451      19369000
## 452      16603200
## 453      15528800
## 454      17887400
## 455      12176200
## 456      10462600
## 457      16292000
```

```
## 458 14117600
## 459 16252200
## 460 9332600
## 461 7020800
## 462 7534400
## 463 7867400
## 464 12300200
## 465 10725200
## 466 6598400
## 467 11216800
## 468 11543800
## 469 16099800
## 470 24922000
## 471 18888000
## 472 26177400
## 473 22094200
## 474 11573200
## 475 15916800
## 476 14531800
## 477 13166600
## 478 11487800
## 479 6839000
## 480 8569200
## 481 8038800
## 482 9952800
## 483 16498400
## 484 31660200
## 485 28369800
## 486 20005000
## 487 11082000
## 488 12538200
## 489 31716800
## 490 13985000
## 491 17895400
## 492 19473800
## 493 42208400
## 494 17776400
## 495 26186400
## 496 21696400
## 497 27709800
## 498 18284400
## 499 16654000
## 500 14241200
## 501 13941400
## 502 7327400
## 503 11499000
## 504 11266800
## 505 20858200
## 506 12407800
## 507 12619200
```

```
## 508    6894000
## 509    8005600
## 510    14253800
## 511    15510200
## 512    21158600
## 513    13573400
## 514    9680200
## 515    20076400
## 516    36906400
## 517    17311600
## 518    19491800
## 519    16901400
## 520    13844400
## 521    8904200
## 522    12710600
## 523    13886600
## 524    20764600
## 525    18309400
## 526    21707200
## 527    19041400
## 528    7972000
## 529    16227200
## 530    16729400
## 531    16429800
## 532    8355200
## 533    9751800
## 534    16871800
## 535    15648000
## 536    16906200
## 537    14382800
## 538    7208400
## 539    14886200
## 540    9988000
## 541    10624400
## 542    5581800
## 543    10653200
## 544    20453200
## 545    19403600
## 546    22763000
## 547    10297400
## 548    9438400
## 549    17221800
## 550    17134400
## 551    57547200
## 552    30080600
## 553    30627600
## 554    23769800
## 555    25783600
## 556    18748000
## 557    12057000
```

```
## 558 16967800
## 559 29139000
## 560 22411400
## 561 37517000
## 562 21218800
## 563 13041400
## 564 23195000
## 565 25655000
## 566 13140800
## 567 10784800
## 568 12753200
## 569 23668800
## 570 28415400
## 571 18285000
## 572 14281200
## 573 19206000
## 574 25010000
## 575 20941400
## 576 19244200
## 577 12922800
## 578 18494400
## 579 32792400
## 580 21961600
## 581 16838700
## 582 16435900
## 583 9008700
## 584 6976000
## 585 9183200
## 586 12420900
## 587 7747600
## 588 8782800
## 589 7817300
## 590 7058900
## 591 7239500
## 592 5957100
## 593 8232500
## 594 10037500
## 595 14373600
## 596 10972500
## 597 14383100
## 598 15768800
## 599 79374400
## 600 31046200
## 601 10430300
## 602 9757400
## 603 16420100
## 604 15532200
## 605 24609400
## 606 11458700
## 607 6692400
```

```
## 608    7231400
## 609    11561800
## 610    12713000
## 611    12186900
## 612    10793800
## 613    7780000
## 614    7735500
## 615    8961000
## 616    7304800
## 617    7180900
## 618    7711500
## 619    12835200
## 620    35726400
## 621    9688800
## 622    12824100
## 623    13243200
## 624    10772100
## 625    16759200
## 626    11091400
## 627    32339400
## 628    26477100
## 629    11506700
## 630    9293900
## 631    10319600
## 632    6437200
## 633    15238700
## 634    6657400
## 635    5810400
## 636    5760600
## 637    10708400
## 638    18332500
## 639    14483100
## 640    11496000
## 641    18053700
## 642    13465500
## 643    10663600
## 644    9538700
## 645    11151200
## 646    9199200
## 647    6727100
## 648    12867200
## 649    41364600
## 650    14929000
## 651    8653700
## 652    10107900
## 653    10133500
## 654    7004400
## 655    5955900
## 656    10566600
## 657    9509500
```

```
## 658      5921000
## 659      12914600
## 660      16523800
## 661      10304300
## 662      5913000
## 663      9256600
## 664      7270700
## 665      16117600
## 666      17487400
## 667      38457400
## 668      18752000
## 669      10505400
## 670      14757900
## 671      10532700
## 672      10804500
## 673      10448100
## 674      6853600
## 675      5384900
## 676      8245500
## 677      5978000
## 678      11461900
## 679      29170200
## 680      9434100
## 681      6558000
## 682      6784000
## 683      13777900
## 684      10697900
## 685      13404600
## 686      14025900
## 687      43750000
## 688      11023000
## 689      10129000
## 690      19472800
## 691      9580400
## 692      9979600
## 693      8309000
## 694      5169700
## 695      6424500
## 696      4260200
## 697      6129600
## 698      8726400
## 699      5685800
## 700      8441200
## 701      5869300
## 702      4870500
## 703      5057700
## 704      7148500
## 705      5576700
## 706      7980100
## 707      6059500
```

```
## 708    7665800
## 709    4178800
## 710    5940700
## 711    8312500
## 712    3713500
## 713    5634300
## 714    4805300
## 715    6082700
## 716    9703100
## 717    5298500
## 718    5813500
## 719    17082900
## 720    11566400
## 721    5442100
## 722    9746000
## 723    4748600
## 724    5197600
## 725    5886500
## 726    5034000
## 727    5115500
## 728    4865400
## 729    14318000
## 730    4900000
## 731    6032700
## 732    6052300
## 733    4523600
## 734    4706600
## 735    8695500
## 736    10679000
## 737    20074500
## 738    12180900
## 739    10735000
## 740    5373800
## 741    4925300
## 742    6693300
## 743    7150400
## 744    12006400
## 745    11266000
## 746    6833800
## 747    8578500
## 748    7427900
## 749    5424800
## 750    4725200
## 751    4062100
## 752    3950000
## 753    4551800
## 754    8711500
## 755    5580800
## 756    3969600
## 757    4125400
```

```
## 758 6432200
## 759 6998600
## 760 4727000
## 761 4610900
## 762 8272800
## 763 5837200
## 764 11666600
## 765 4919500
## 766 3621000
## 767 5613200
## 768 6882000
## 769 7622200
## 770 8322500
## 771 6813200
## 772 4853100
## 773 3841200
## 774 3040300
## 775 1922300
## 776 3986000
## 777 4788500
## 778 5020500
## 779 3554700
## 780 3070900
## 781 5151500
## 782 6199100
## 783 3573300
## 784 10516100
## 785 51838200
## 786 21076400
## 787 17638200
## 788 14874300
## 789 8986500
## 790 6451900
## 791 1762400
## 792 4213600
## 793 6767100
## 794 3870600
## 795 4240600
## 796 9896500
## 797 11265900
## 798 8597500
## 799 22436100
## 800 6530000
## 801 7958400
## 802 4743700
## 803 6945700
## 804 4712900
## 805 5778200
## 806 27752500
## 807 15547800
```

```
## 808 23579300
## 809 12447000
## 810 9478800
## 811 8156400
## 812 4952900
## 813 5144100
## 814 4871100
## 815 4403100
## 816 5050600
## 817 8874400
## 818 6073000
## 819 9116200
## 820 6217200
## 821 8497200
## 822 9833200
## 823 4974100
## 824 7371100
## 825 4037500
## 826 3508200
## 827 4721300
## 828 4719000
## 829 2708600
## 830 9178500
## 831 4521100
## 832 12919600
## 833 4616300
## 834 3347100
## 835 10168200
## 836 14263200
## 837 7406200
## 838 5088900
## 839 5447100
## 840 3821500
## 841 4085000
## 842 6963500
## 843 6180200
## 844 4445200
## 845 7230800
## 846 9744800
## 847 7425600
## 848 5996200
## 849 5459900
## 850 4260400
## 851 10030900
## 852 5857900
## 853 6517100
## 854 5477700
## 855 5379900
## 856 7841100
## 857 6966300
```

```
## 858    8871100
## 859    12727500
## 860    7265500
## 861    7889700
## 862    8032600
## 863    7633400
## 864    7147700
## 865    15140500
## 866    18788700
## 867    10874900
## 868    11621900
## 869    10199600
## 870    13676600
## 871    28572900
## 872    17825500
## 873    12370700
## 874    12510200
## 875    9919500
## 876    11099200
## 877    6989700
## 878    5962400
## 879    6444600
## 880    5495300
## 881    5835300
## 882    7169600
## 883    5255600
## 884    8377500
## 885    7837900
## 886    5263200
## 887    4134800
## 888    4996000
## 889    6438300
## 890    6197500
## 891    11877100
## 892    7639300
## 893    6411400
## 894    11327500
## 895    11463200
## 896    13123500
## 897    7757400
## 898    8255500
## 899    9969900
## 900    8825800
## 901    10647500
## 902    12969800
## 903    10904200
## 904    7306800
## 905    6281800
## 906    7020800
## 907    8713700
```

```
## 908 16035200
## 909 13218500
## 910 22050700
## 911 8851400
## 912 9387000
## 913 9012800
## 914 6598800
## 915 8455600
## 916 9849700
## 917 9203500
## 918 14680400
## 919 10620500
## 920 8798800
## 921 10444700
## 922 23455200
## 923 11002500
## 924 12756600
## 925 8434200
## 926 6017000
## 927 9166000
## 928 4115800
## 929 6177500
## 930 4398600
## 931 4744300
## 932 13848100
## 933 7066400
## 934 5094600
## 935 7713000
## 936 12273300
## 937 20475800
## 938 9468700
## 939 12101100
## 940 9189800
## 941 19075900
## 942 7567900
## 943 5295200
## 944 7454000
## 945 5295300
## 946 4795400
## 947 8123400
## 948 16384500
## 949 6490600
## 950 6589100
## 951 7552600
## 952 8249200
## 953 5149900
## 954 6229100
## 955 7732600
## 956 14629800
## 957 10996700
```

```
## 958    7545600
## 959    23500700
## 960    23191500
## 961    10644100
## 962    4957600
## 963    8856700
## 964    5716500
## 965    3330700
## 966    3124400
## 967    5824900
## 968    6984200
## 969    6774500
## 970    6294700
## 971    5506600
## 972    6594600
## 973    3754400
## 974    6850600
## 975    5603200
## 976    3386900
## 977    4638400
## 978    3558400
## 979    8803900
## 980    4865700
## 981    5708100
## 982    5424200
## 983    5281100
## 984    23405700
## 985    18860400
## 986    13421800
## 987    11530000
## 988    6310100
## 989    5073500
## 990    19555000
## 991    8742600
## 992    8522100
## 993    11689600
## 994    7082600
## 995    9317100
## 996    5960600
## 997    4446000
## 998    5780300
## 999    5107900
## 1000   7497200
## 1001   5010000
## 1002   6584500
## 1003   5083700
## 1004   7191500
## 1005   4671000
## 1006   5012600
## 1007   3486900
```

```
## 1008 6194200
## 1009 6131200
## 1010 7279000
## 1011 6755400
## 1012 5071800
## 1013 7232400
## 1014 7309000
## 1015 8926500
## 1016 5334900
## 1017 6928700
## 1018 9394900
## 1019 8851400
## 1020 9632000
## 1021 6468600
## 1022 6141000
## 1023 12758100
## 1024 9736100
## 1025 3445200
## 1026 2508300
## 1027 4971000
## 1028 4333700
## 1029 3784400
## 1030 5088300
## 1031 7671600
## 1032 5717100
## 1033 6109500
## 1034 10652300
## 1035 9777400
## 1036 6316700
## 1037 6947000
## 1038 6639500
## 1039 7624400
## 1040 5516700
## 1041 4489000
## 1042 6334500
## 1043 2701100
## 1044 12083200
## 1045 9091200
## 1046 8001000
## 1047 8642700
## 1048 5821800
## 1049 5976500
## 1050 6848300
## 1051 7315800
## 1052 3706200
## 1053 3673100
## 1054 5212800
## 1055 3735700
## 1056 8663900
## 1057 32572900
```

```
## 1058 12559700
## 1059 10502500
## 1060 9075900
## 1061 5181000
## 1062 4378900
## 1063 5510600
## 1064 3872500
## 1065 3084900
## 1066 2661800
## 1067 2560200
## 1068 3373400
## 1069 6049000
## 1070 9187300
## 1071 4831500
## 1072 4807100
## 1073 3358500
## 1074 6227100
## 1075 5360600
## 1076 3614000
## 1077 5138300
## 1078 4126200
## 1079 4000700
## 1080 3779900
## 1081 2618000
## 1082 3229100
## 1083 3803600
## 1084 5851400
## 1085 3641600
## 1086 4857700
## 1087 21073400
## 1088 7131600
## 1089 7122100
## 1090 5833600
## 1091 10573500
## 1092 6270900
## 1093 9436500
## 1094 8630900
## 1095 12866100
## 1096 5102700
## 1097 4863100
## 1098 7839100
## 1099 8275000
## 1100 6967200
## 1101 7994400
## 1102 5677700
## 1103 5323500
## 1104 6217200
## 1105 5900900
## 1106 3934400
## 1107 2766800
```

```
## 1108 3083000
## 1109 6665300
## 1110 3629600
## 1111 8601800
## 1112 8299600
## 1113 8944500
## 1114 4353300
## 1115 7007300
## 1116 4231000
## 1117 12226400
## 1118 26692400
## 1119 9267800
## 1120 6107100
## 1121 5161800
## 1122 10055500
## 1123 7741500
## 1124 5053500
## 1125 3697100
## 1126 6287800
## 1127 5607800
## 1128 9715600
## 1129 9489700
## 1130 4400400
## 1131 3827300
## 1132 6136300
## 1133 29529800
## 1134 20948200
## 1135 13062000
## 1136 10011400
## 1137 7452000
## 1138 8996600
## 1139 4072800
## 1140 50689200
## 1141 34308800
## 1142 48516200
## 1143 20274000
## 1144 8888800
## 1145 9525900
## 1146 14499700
## 1147 23912200
## 1148 12484600
## 1149 7088000
## 1150 8515900
## 1151 14134000
## 1152 8075100
## 1153 7874100
## 1154 10024600
## 1155 8599300
## 1156 7354200
## 1157 7003700
```

```
## 1158 7851200
## 1159 13944900
## 1160 6236900
## 1161 18198500
## 1162 10840100
## 1163 10257900
## 1164 6034700
## 1165 6519600
## 1166 10875700
## 1167 12687300
## 1168 12182900
## 1169 6041100
## 1170 10879600
## 1171 8125900
## 1172 4276800
## 1173 5973300
## 1174 5092300
## 1175 15039900
## 1176 16630700
## 1177 11493500
## 1178 56645900
## 1179 18031600
## 1180 23468600
## 1181 30276500
## 1182 23016000
## 1183 20244900
## 1184 14751800
## 1185 10485300
## 1186 7801400
## 1187 19135800
## 1188 14315700
## 1189 8859400
## 1190 7172400
## 1191 6085600
## 1192 9469700
## 1193 7463400
## 1194 6040800
## 1195 9281500
## 1196 7265400
## 1197 8291900
## 1198 8016100
## 1199 8276200
## 1200 7865400
## 1201 5734700
## 1202 8310500
## 1203 8550600
## 1204 6052400
## 1205 9839200
## 1206 13928200
## 1207 8809700
```

```
## 1208 14262700
## 1209 9272300
## 1210 9434800
## 1211 6624700
## 1212 5619100
## 1213 5559400
## 1214 15169300
## 1215 12320700
## 1216 9831800
## 1217 4893700
## 1218 7179300
## 1219 5577900
## 1220 5185000
## 1221 5116100
## 1222 4925100
## 1223 8146300
## 1224 3122500
## 1225 4767900
## 1226 4771400
## 1227 4534100
## 1228 5731700
## 1229 4500000
## 1230 5277800
## 1231 6459000
## 1232 5256700
## 1233 5957600
## 1234 5379100
## 1235 4753700
## 1236 3681000
## 1237 7756100
## 1238 3876400
## 1239 3727600
## 1240 5290300
## 1241 8076900
## 1242 34459400
## 1243 11730200
## 1244 8135700
## 1245 8415200
## 1246 6420800
## 1247 7701300
## 1248 4819000
## 1249 5161000
## 1250 5352600
## 1251 5543700
## 1252 7888400
## 1253 11002300
## 1254 7572800
## 1255 6700100
## 1256 14659700
## 1257 12898100
```

```
## 1258 7815700
## 1259 6446900
## 1260 8460800
## 1261 7763500
## 1262 5075200
## 1263 5648200
## 1264 4250300
## 1265 3953300
## 1266 3614100
## 1267 7432100
## 1268 5081400
## 1269 3716400
## 1270 6849700
## 1271 4372500
## 1272 5250000
## 1273 5358000
## 1274 11082400
## 1275 5520800
## 1276 7331200
## 1277 4892900
## 1278 7973200
## 1279 9051600
## 1280 7962100
## 1281 7420300
## 1282 8697000
## 1283 5176800
## 1284 5956800
## 1285 15304000
## 1286 8272200
## 1287 6192000
## 1288 6237900
## 1289 13536500
## 1290 8669900
## 1291 7703700
## 1292 3366900
## 1293 5890000
## 1294 7528600
## 1295 6761200
## 1296 7317100
## 1297 7000000
## 1298 6026100
## 1299 10790700
## 1300 7322100
## 1301 6856700
## 1302 6105800
## 1303 9332900
## 1304 11291400
## 1305 19766300
## 1306 9360200
## 1307 5556700
```

```
## 1308 7049500
## 1309 5558900
## 1310 3801000
## 1311 6066800
## 1312 4178600
## 1313 3857300
## 1314 4701900
## 1315 5555700
## 1316 5470800
## 1317 4777900
## 1318 3503300
## 1319 5234400
## 1320 6935200
## 1321 5046600
## 1322 3652100
## 1323 4277100
## 1324 7701300
## 1325 7284200
## 1326 6854100
## 1327 5038800
## 1328 6409600
## 1329 3578900
## 1330 4985500
## 1331 6791800
## 1332 3439700
## 1333 4680200
## 1334 4430400
## 1335 5320200
## 1336 4995300
## 1337 8822500
## 1338 11248800
## 1339 6663200
## 1340 7065100
## 1341 3654900
## 1342 2962500
## 1343 8621200
## 1344 8391000
## 1345 4841100
## 1346 12605600
## 1347 7404500
## 1348 7072900
## 1349 9339000
## 1350 11635000
## 1351 7033700
## 1352 9239900
## 1353 9217300
## 1354 8223600
## 1355 6354100
## 1356 7649400
## 1357 5748100
```

```
## 1358 6098000
## 1359 6083500
## 1360 10528600
## 1361 9628500
## 1362 9872400
## 1363 14009200
## 1364 8742100
## 1365 14180900
## 1366 6568300
## 1367 6757700
## 1368 8645700
## 1369 6648100
## 1370 12929900
## 1371 15900000
## 1372 8799800
## 1373 7242000
## 1374 6888800
## 1375 6822600
## 1376 5549400
## 1377 12963500
## 1378 7942400
## 1379 7973400
## 1380 6419700
## 1381 7032100
## 1382 5749600
## 1383 10462200
## 1384 18206200
## 1385 13177300
## 1386 12258400
## 1387 25333500
## 1388 12258900
## 1389 13294400
## 1390 11288500
## 1391 11686600
## 1392 10091100
## 1393 6405800
## 1394 5666000
## 1395 2577300
## 1396 11152500
## 1397 5901100
## 1398 7878900
## 1399 10642600
## 1400 9393500
## 1401 7454700
## 1402 7093700
## 1403 6387300
## 1404 5977500
## 1405 3859200
## 1406 4940700
## 1407 3419500
```

```
## 1408 3992800
## 1409 5814400
## 1410 4935300
## 1411 4424500
## 1412 2348600
## 1413 14199300
## 1414 21972800
## 1415 8284700
## 1416 5537000
## 1417 6484000
## 1418 8757000
## 1419 7698100
## 1420 9568200
## 1421 6981500
## 1422 6154800
## 1423 7579300
## 1424 7121300
## 1425 7048800
## 1426 6989400
## 1427 7911600
## 1428 5786200
## 1429 6293100
## 1430 6683600
## 1431 10998000
## 1432 21681800
## 1433 8207000
## 1434 7968400
## 1435 7056900
## 1436 5965700
## 1437 6262500
## 1438 5195500
## 1439 4817600
## 1440 5343100
## 1441 4037700
## 1442 6942900
## 1443 8096500
## 1444 6679000
## 1445 5433900
## 1446 11576800
## 1447 6625300
## 1448 7899900
## 1449 5470800
## 1450 4169800
## 1451 7207800
## 1452 6936600
## 1453 5624000
## 1454 4121300
## 1455 5076300
## 1456 4687100
## 1457 4480300
```

```
## 1458 5434300
## 1459 5160400
## 1460 5427400
## 1461 5848400
## 1462 4406000
## 1463 4034100
## 1464 5573100
## 1465 11208900
## 1466 8907800
## 1467 15124900
## 1468 8749800
## 1469 8481000
## 1470 9376200
## 1471 10657700
## 1472 10340500
## 1473 7213200
## 1474 7375700
## 1475 10642100
## 1476 6437000
## 1477 9214800
## 1478 9774000
## 1479 6623000
## 1480 7324400
## 1481 6072800
## 1482 7230400
## 1483 5403600
## 1484 11958900
## 1485 9311200
## 1486 6899000
## 1487 10417100
## 1488 6341400
## 1489 9294500
## 1490 6789900
## 1491 7132300
## 1492 6868600
## 1493 8850100
## 1494 17603300
## 1495 39972400
## 1496 15801000
## 1497 10526400
## 1498 9450000
## 1499 7689200
## 1500 9884400
## 1501 11136300
## 1502 13962400
## 1503 10351800
## 1504 8513500
## 1505 5981700
## 1506 7246900
## 1507 15844500
```

```
## 1508 7993200
## 1509 5192300
## 1510 7644100
## 1511 9763500
## 1512 8066200
## 1513 5200300
## 1514 8489900
## 1515 7063200
## 1516 12225400
## 1517 9053100
## 1518 9341600
## 1519 10190300
## 1520 9552700
## 1521 10095900
## 1522 9333400
## 1523 7193700
## 1524 11380900
## 1525 8438400
## 1526 9663600
## 1527 7746400
## 1528 7032500
## 1529 6011800
## 1530 7127900
## 1531 8249900
## 1532 11206800
## 1533 5988100
## 1534 7012500
## 1535 8407300
## 1536 8177200
## 1537 6659000
## 1538 10292400
## 1539 6756500
## 1540 5143900
## 1541 7242800
## 1542 6086100
## 1543 3846000
## 1544 6697300
## 1545 12145400
## 1546 7832200
## 1547 8825600
## 1548 11559900
## 1549 8690300
## 1550 5851500
## 1551 5625600
## 1552 7642000
## 1553 13402900
## 1554 9825700
## 1555 15896800
## 1556 32178100
## 1557 23828000
```

```
## 1558 10647600
## 1559 7453200
## 1560 7825500
## 1561 7166300
## 1562 8970700
## 1563 8805200
## 1564 7054400
## 1565 6816200
## 1566 9192600
## 1567 6395500
## 1568 4810900
## 1569 5239100
## 1570 6128500
## 1571 7154500
## 1572 4850300
## 1573 2486500
## 1574 11174200
## 1575 10489300
## 1576 6724700
## 1577 11592500
## 1578 10473300
## 1579 7103500
## 1580 6542400
## 1581 4539400
## 1582 6987500
## 1583 6158400
## 1584 9459400
## 1585 10697900
## 1586 10255000
## 1587 8102900
## 1588 7408200
## 1589 8100800
## 1590 8002900
## 1591 11613100
## 1592 6750100
## 1593 4427000
## 1594 7755200
## 1595 7334100
## 1596 9038500
## 1597 6249500
## 1598 9240000
## 1599 20295900
## 1600 15330200
## 1601 11033300
## 1602 13438500
## 1603 9039300
## 1604 9264600
## 1605 12563800
## 1606 8219900
## 1607 14175600
```

```
## 1608 7773100
## 1609 20299900
## 1610 13558000
## 1611 21606900
## 1612 11435400
## 1613 8329000
## 1614 9986600
## 1615 10228900
## 1616 10211100
## 1617 11932900
## 1618 11086100
## 1619 17114900
## 1620 32701900
## 1621 14611700
## 1622 10438200
## 1623 6391900
## 1624 9230900
## 1625 8776500
## 1626 9825400
## 1627 7726700
## 1628 9131100
## 1629 7009500
## 1630 5307400
## 1631 8791800
## 1632 8500400
## 1633 9120500
## 1634 10920100
## 1635 9259300
## 1636 7073000
## 1637 8365300
## 1638 12996900
## 1639 12600200
## 1640 14079000
## 1641 12337600
## 1642 9193400
## 1643 10631500
## 1644 13771300
## 1645 8907700
## 1646 3983000
## 1647 11522800
## 1648 6237900
## 1649 11570800
## 1650 10216200
## 1651 7501500
## 1652 8376400
## 1653 10460500
## 1654 9254600
## 1655 9405500
## 1656 6190600
## 1657 9676800
```

```
## 1658 10549800
## 1659 13856800
## 1660 10750700
## 1661 8045900
## 1662 7799700
## 1663 11004000
## 1664 5659800
## 1665 7078400
## 1666 8056900
## 1667 5152400
## 1668 5307200
## 1669 6639900
## 1670 11284100
## 1671 5985500
## 1672 9242700
## 1673 10320300
## 1674 12779200
## 1675 9450900
## 1676 14522300
## 1677 11134100
## 1678 12217300
## 1679 9114200
## 1680 7748400
## 1681 6783600
## 1682 10672200
## 1683 6039000
## 1684 5566000
## 1685 12964100
## 1686 21581300
## 1687 22485100
## 1688 11404500
## 1689 11588900
## 1690 27071400
## 1691 21600700
## 1692 13189500
## 1693 6508100
## 1694 6146100
## 1695 4949000
## 1696 7881700
## 1697 6757200
## 1698 5431700
## 1699 11038200
## 1700 7953500
## 1701 7442500
## 1702 7475300
## 1703 9341900
## 1704 11095300
## 1705 7152800
## 1706 5960300
## 1707 7163600
```

```
## 1708 4959500
## 1709 6966600
## 1710 9601600
## 1711 7380100
## 1712 6426500
## 1713 6608500
## 1714 6593100
## 1715 6932700
## 1716 7042600
## 1717 6223800
## 1718 6612200
## 1719 6218200
## 1720 5107300
## 1721 5724300
## 1722 5754900
## 1723 8975100
## 1724 11225700
## 1725 7875900
## 1726 7112700
## 1727 5740400
## 1728 5561000
## 1729 5452900
## 1730 4674900
## 1731 6508500
## 1732 8148100
## 1733 5939100
## 1734 5916300
## 1735 4550600
## 1736 8879700
## 1737 4345900
## 1738 5724400
## 1739 6144100
## 1740 5603500
## 1741 8393500
## 1742 5352500
## 1743 9376100
## 1744 6054200
## 1745 15798200
## 1746 14599400
## 1747 7314200
## 1748 8983700
## 1749 6127600
## 1750 9035700
## 1751 9841300
## 1752 6923400
## 1753 7288900
## 1754 4890500
## 1755 7818400
## 1756 9292600
## 1757 10209000
```

```
## 1758 7595600
## 1759 7486200
## 1760 8261200
## 1761 5126600
## 1762 6625700
## 1763 5602000
## 1764 7379400
## 1765 5926300
## 1766 5272900
## 1767 5073900
## 1768 7222000
## 1769 7397600
## 1770 14175200
## 1771 10629100
## 1772 12940300
## 1773 12473500
## 1774 8341400
## 1775 12585600
## 1776 7688000
## 1777 5994700
## 1778 6579400
## 1779 7209000
## 1780 5180900
## 1781 6912500
## 1782 4097600
## 1783 5875500
## 1784 4416700
## 1785 4490300
## 1786 8120500
## 1787 7594700
## 1788 6760100
## 1789 6998100
## 1790 11503900
## 1791 8589400
## 1792 6899100
## 1793 7211900
## 1794 4862400
## 1795 6156900
## 1796 6515600
## 1797 10033900
## 1798 8033500
## 1799 7066900
## 1800 4908800
## 1801 5065600
## 1802 5244100
## 1803 9286900
## 1804 9847100
## 1805 7626300
## 1806 9336500
## 1807 16391000
```

```
## 1808 35927200
## 1809 13972400
## 1810 10534900
## 1811 10183600
## 1812 8200000
## 1813 6031500
## 1814 5912200
## 1815 7785600
## 1816 9765600
## 1817 8402400
## 1818 11513100
## 1819 9167200
## 1820 10070400
## 1821 9448100
## 1822 9118100
## 1823 4981100
## 1824 8164300
## 1825 11163000
## 1826 9549800
## 1827 12696100
## 1828 6790800
## 1829 5532600
## 1830 7640400
## 1831 7254800
## 1832 6971700
## 1833 4240400
## 1834 7711500
## 1835 6143200
## 1836 5252500
## 1837 5722300
## 1838 5228900
## 1839 5833000
## 1840 6611300
## 1841 6956700
## 1842 4634500
## 1843 8065200
## 1844 15872100
## 1845 11135800
## 1846 11596600
## 1847 7884200
## 1848 9222400
## 1849 6695500
## 1850 12216800
## 1851 7411000
## 1852 6205700
## 1853 8397400
## 1854 11902900
## 1855 9918800
## 1856 9413300
## 1857 11268900
```

```
## 1858 8792600
## 1859 5134000
## 1860 5128100
## 1861 9394400
## 1862 8546200
## 1863 7928300
## 1864 6421000
## 1865 9220200
## 1866 9026200
## 1867 8205600
## 1868 8093200
## 1869 8802600
## 1870 6798500
## 1871 19217100
## 1872 33544300
## 1873 10531800
## 1874 9742500
## 1875 9060700
## 1876 7220600
## 1877 6491600
## 1878 6181300
## 1879 11332500
## 1880 10208200
## 1881 7600300
## 1882 7399100
## 1883 6886500
## 1884 6479900
## 1885 10655200
## 1886 6835000
## 1887 11596000
## 1888 10366200
## 1889 6401300
## 1890 6843600
## 1891 6806800
## 1892 11427500
## 1893 8868600
## 1894 7405600
## 1895 5940900
## 1896 2337700
## 1897 9874100
## 1898 7028600
## 1899 7756000
## 1900 6600900
## 1901 8247700
## 1902 6088000
## 1903 7093400
## 1904 6421700
## 1905 7446700
## 1906 5510700
## 1907 6052100
```

```
## 1908 5251500
## 1909 6674200
## 1910 5414900
## 1911 5486000
## 1912 7215700
## 1913 5229400
## 1914 5276300
## 1915 3206800
## 1916 22289200
## 1917 25237800
## 1918 11759200
## 1919 6965900
## 1920 4790700
## 1921 10446500
## 1922 19418500
## 1923 8354200
## 1924 8700900
## 1925 9836600
## 1926 7347900
## 1927 7920300
## 1928 8072300
## 1929 17393600
## 1930 12533000
## 1931 7131600
## 1932 7396700
## 1933 12830600
## 1934 10602700
## 1935 9695900
## 1936 9027900
## 1937 7714900
## 1938 8038400
## 1939 6152400
## 1940 6320300
## 1941 6761500
## 1942 26323600
## 1943 60518600
## 1944 17304700
## 1945 7112400
## 1946 9602500
## 1947 7938800
## 1948 7982400
## 1949 7841700
## 1950 6983100
## 1951 5177700
## 1952 5229800
## 1953 5298100
## 1954 4529700
## 1955 6855700
## 1956 10500400
## 1957 8389200
```

```
## 1958 5882300
## 1959 8422900
## 1960 5819000
## 1961 4871700
## 1962 5025600
## 1963 5545700
## 1964 3585900
## 1965 4792900
## 1966 7412300
## 1967 5872300
## 1968 8010300
## 1969 5433500
## 1970 5070600
## 1971 5370000
## 1972 4858000
## 1973 5294700
## 1974 6084400
## 1975 5490700
## 1976 6323700
## 1977 5337300
## 1978 4326600
## 1979 6137300
## 1980 5349800
## 1981 3554300
## 1982 5018400
## 1983 7342200
## 1984 4933000
## 1985 5276100
## 1986 3807300
## 1987 3013000
## 1988 3253100
## 1989 6197200
## 1990 4125100
## 1991 4178400
## 1992 5985000
## 1993 6917000
## 1994 6619400
## 1995 9215500
## 1996 7694700
## 1997 6392000
## 1998 4245400
## 1999 13969300
## 2000 29312900
## 2001 14472800
## 2002 10523500
## 2003 9098000
## 2004 6777900
## 2005 7756600
## 2006 4616900
## 2007 6713500
```

```
## 2008 4431600
## 2009 5475000
## 2010 6048000
## 2011 6005000
## 2012 3991800
## 2013 4280700
## 2014 3315700
## 2015 9557500
## 2016 5343500
## 2017 5042800
## 2018 5701400
## 2019 5914600
## 2020 3872900
## 2021 4787100
## 2022 3287100
## 2023 4930200
## 2024 10320200
## 2025 4768300
## 2026 4835900
## 2027 3881500
## 2028 4884800
## 2029 5314100
## 2030 3872500
## 2031 3467500
## 2032 3912000
## 2033 3634400
## 2034 5151800
## 2035 4205500
## 2036 4826100
## 2037 5097300
## 2038 4457100
## 2039 2507300
## 2040 5302200
## 2041 3675500
## 2042 4556300
## 2043 7034300
## 2044 4813300
## 2045 5715700
## 2046 2932700
## 2047 7383800
## 2048 4397200
## 2049 4242900
## 2050 4257000
## 2051 5166000
## 2052 5877200
## 2053 3201800
## 2054 5863300
## 2055 5209000
## 2056 2973300
## 2057 5840600
```

```
## 2058 6368400
## 2059 11055600
## 2060 5871100
## 2061 5470000
## 2062 14782300
## 2063 46075600
## 2064 25141500
## 2065 10491800
## 2066 7127200
## 2067 10836400
## 2068 4832500
## 2069 4977200
## 2070 4951500
## 2071 4454900
## 2072 4591200
## 2073 9921200
## 2074 5842200
## 2075 6474100
## 2076 5525100
## 2077 3625100
## 2078 3050400
## 2079 3604300
## 2080 3323900
## 2081 5374100
## 2082 3517700
## 2083 5871900
## 2084 3092200
## 2085 2860700
## 2086 3653900
## 2087 3874200
## 2088 3369200
## 2089 4429000
## 2090 4027100
## 2091 7939800
## 2092 6141500
## 2093 3884200
## 2094 3288700
## 2095 8779400
## 2096 4505200
## 2097 6318000
## 2098 4587900
## 2099 4111700
## 2100 3440300
## 2101 3472000
## 2102 5313800
## 2103 5838000
## 2104 3145400
## 2105 5616400
## 2106 4173500
## 2107 3239700
```

```
## 2108 6392800
## 2109 6056000
## 2110 5829200
## 2111 6521500
## 2112 6452700
## 2113 6192900
## 2114 3392500
## 2115 3680300
## 2116 5301800
## 2117 5704200
## 2118 3832800
## 2119 4577600
## 2120 5225000
## 2121 4457700
## 2122 6528500
## 2123 5929200
## 2124 4624800
## 2125 5475900
## 2126 11438700
## 2127 30104700
## 2128 8770300
## 2129 6159200
## 2130 6780600
## 2131 5383000
## 2132 4861800
## 2133 7000000
## 2134 4445400
## 2135 3386100
## 2136 4950800
## 2137 3471600
## 2138 5585500
## 2139 3982200
## 2140 3103100
## 2141 21277900
## 2142 7967000
## 2143 11687600
## 2144 59332800
## 2145 17869900
## 2146 12990700
## 2147 7483200
## 2148 2695800
## 2149 10670900
## 2150 10384400
## 2151 7925600
## 2152 7866700
## 2153 6451600
## 2154 5250900
## 2155 9581400
## 2156 6796800
## 2157 7144000
```

```
## 2158 4709000
## 2159 3424300
## 2160 5812800
## 2161 4965900
## 2162 5820500
## 2163 5626500
## 2164 8308700
## 2165 5535200
## 2166 7322500
## 2167 4421800
## 2168 3206500
## 2169 5818700
## 2170 4531800
## 2171 3171100
## 2172 5401100
## 2173 7582200
## 2174 7440900
## 2175 5417200
## 2176 6152900
## 2177 8943100
## 2178 9686100
## 2179 8497200
## 2180 5818300
## 2181 4432200
## 2182 5631000
## 2183 8743300
## 2184 5156900
## 2185 8307400
## 2186 5752800
## 2187 4342400
## 2188 4287100
## 2189 4889500
## 2190 4174000
## 2191 4099800
## 2192 4056000
## 2193 7501400
## 2194 23709300
## 2195 33531300
## 2196 8503200
## 2197 7403600
## 2198 7543700
## 2199 6932800
## 2200 5011800
## 2201 4750400
## 2202 4514200
## 2203 6902700
## 2204 5638000
## 2205 4581800
## 2206 5056100
## 2207 7356900
```

```
## 2208 9287500
## 2209 3720000
## 2210 4449100
## 2211 9150900
## 2212 6981500
## 2213 11583700
## 2214 6044900
## 2215 4258300
## 2216 4722300
## 2217 6236600
## 2218 7200100
## 2219 4972700
## 2220 3278100
## 2221 4185200
## 2222 2801500
## 2223 4822800
## 2224 6886200
## 2225 6170800
## 2226 6671600
## 2227 4300800
## 2228 4035900
## 2229 3682000
## 2230 3708500
## 2231 5727200
## 2232 7199200
## 2233 4049200
## 2234 2659000
## 2235 5054000
## 2236 3717800
## 2237 5559500
## 2238 9294600
## 2239 5704500
## 2240 4747500
## 2241 6605600
## 2242 2855800
## 2243 3715200
## 2244 4442200
## 2245 4595700
## 2246 4280500
## 2247 5387600
## 2248 4423500
## 2249 3087600
## 2250 12790500
## 2251 11071500
## 2252 5932500
## 2253 3492500
## 2254 7072700
## 2255 5857000
## 2256 7585900
## 2257 5997900
```

```
## 2258 5740900
## 2259 4236800
## 2260 5484700
## 2261 3300300
## 2262 7696000
## 2263 4873600
## 2264 4305000
## 2265 5221600
## 2266 6704100
## 2267 12027200
## 2268 9817200
## 2269 11122900
## 2270 8822700
## 2271 9542100
## 2272 5845700
## 2273 4524300
## 2274 5920800
## 2275 5196600
## 2276 5932000
## 2277 5442900
## 2278 5049400
## 2279 4276600
## 2280 5303800
## 2281 8311000
## 2282 5232600
## 2283 4195800
## 2284 5403000
## 2285 4869100
## 2286 6206100
## 2287 5135100
## 2288 4211600
## 2289 4465500
## 2290 7865300
## 2291 4732000
## 2292 3923400
## 2293 3605800
## 2294 5641000
## 2295 3751700
## 2296 6372500
## 2297 5191200
## 2298 1436300
## 2299 5734000
## 2300 4372700
## 2301 5004100
## 2302 3876700
## 2303 6088600
## 2304 4894700
## 2305 6455500
## 2306 8094800
## 2307 7197300
```

```
## 2308 5215000
## 2309 8866300
## 2310 5836200
## 2311 7136600
## 2312 7385400
## 2313 17230000
## 2314 76985200
## 2315 26393800
## 2316 12422000
## 2317 8038200
## 2318 13128800
## 2319 7810400
## 2320 6941100
## 2321 10252400
## 2322 5476400
## 2323 7260200
## 2324 6911200
## 2325 6405600
## 2326 5115900
## 2327 5128000
## 2328 8201600
## 2329 7636600
## 2330 9496300
## 2331 5998600
## 2332 5334900
## 2333 4587100
## 2334 4726400
## 2335 4516900
## 2336 3542600
## 2337 6067400
## 2338 7398100
## 2339 11303300
## 2340 5947000
## 2341 6563200
## 2342 7467700
## 2343 9114100
## 2344 8901700
## 2345 5227200
## 2346 7403800
## 2347 6527400
## 2348 4370400
## 2349 3705700
## 2350 10273700
## 2351 5123100
## 2352 8572000
## 2353 8548900
## 2354 15553700
## 2355 7249000
## 2356 6619600
## 2357 6601100
```

```
## 2358 5469800
## 2359 7499400
## 2360 5227200
## 2361 6815000
## 2362 8034000
## 2363 7064800
## 2364 8455900
## 2365 4219200
## 2366 5289200
## 2367 6333400
## 2368 6728500
## 2369 5989700
## 2370 4067300
## 2371 6769400
## 2372 6635700
## 2373 5349300
## 2374 4037600
## 2375 5839400
## 2376 8059300
## 2377 23155300
## 2378 46522500
## 2379 17073300
## 2380 9953400
## 2381 6882400
## 2382 6210400
## 2383 6668900
## 2384 5447300
## 2385 5124100
## 2386 4540900
## 2387 7745100
## 2388 8159900
## 2389 5807100
## 2390 4495100
## 2391 6944300
## 2392 10951300
## 2393 13556700
## 2394 11000800
## 2395 6530200
## 2396 5796400
## 2397 6984400
## 2398 4535600
## 2399 2241300
## 2400 8972800
## 2401 7099300
## 2402 7854600
## 2403 6346300
## 2404 8306100
## 2405 9720700
## 2406 5737700
## 2407 5776900
```

```
## 2408 6621500
## 2409 5139700
## 2410 4848600
## 2411 5083200
## 2412 4677800
## 2413 6296100
## 2414 8153500
## 2415 6486700
## 2416 7520000
## 2417 7784300
## 2418 6550200
## 2419 5585100
## 2420 4473600
## 2421 3536500
## 2422 4545500
## 2423 4197000
## 2424 12405100
## 2425 6318400
## 2426 6619700
## 2427 6783000
## 2428 5703000
## 2429 6527500
## 2430 6465600
## 2431 4466400
## 2432 5643700
## 2433 5026800
## 2434 9105000
## 2435 6095900
## 2436 8317000
## 2437 5313600
## 2438 5271700
## 2439 6747600
## 2440 4139300
## 2441 7395000
## 2442 4813500
## 2443 7277500
## 2444 26123100
## 2445 25850700
## 2446 6110900
## 2447 8612700
## 2448 10503200
## 2449 5483600
## 2450 5960100
## 2451 3835700
## 2452 4505500
## 2453 6814100
## 2454 5088200
## 2455 4679000
## 2456 8903400
## 2457 4508400
```

```
## 2458 4926100
## 2459 5497400
## 2460 4035200
## 2461 8850700
## 2462 7687400
## 2463 9255800
## 2464 7787800
## 2465 9565600
## 2466 12848200
## 2467 8644600
## 2468 7629300
## 2469 6200100
## 2470 4879000
## 2471 5204100
## 2472 8591100
## 2473 7265700
## 2474 6865500
## 2475 4226600
## 2476 3801300
## 2477 4996400
## 2478 5331500
## 2479 2941500
## 2480 3521100
## 2481 3993600
## 2482 6202200
## 2483 6405200
## 2484 5996900
## 2485 7091300
## 2486 5968200
## 2487 4064700
## 2488 3288400
## 2489 4182700
## 2490 3421800
## 2491 5078400
## 2492 4754500
## 2493 3610000
## 2494 13444000
## 2495 7398900
## 2496 4996400
## 2497 4809700
## 2498 5980500
## 2499 7088600
## 2500 19887600
## 2501 104329200
## 2502 62179500
## 2503 50733400
## 2504 23979200
## 2505 18519000
## 2506 14427200
## 2507 13482000
```

```
## 2508 14299300
## 2509 14808300
## 2510 13551100
## 2511 8874900
## 2512 10052000
## 2513 7919100
## 2514 7760400
## 2515 8702100
## 2516 14485400
## 2517 11870900
## 2518 9799200
## 2519 36468800
## 2520 17211300
## 2521 42582500
## 2522 23824600
## 2523 9987200
## 2524 11730800
## 2525 10576100
## 2526 9310200
## 2527 7014500
## 2528 11380500
## 2529 30442500
## 2530 15591000
## 2531 24138200
## 2532 10204500
## 2533 11159100
## 2534 11829500
## 2535 11917900
## 2536 8245300
## 2537 9833200
## 2538 7813600
## 2539 11871000
## 2540 9172600
## 2541 7609700
## 2542 8382600
## 2543 7593500
## 2544 11247800
## 2545 8242900
## 2546 9782200
## 2547 5316600
## 2548 4906100
## 2549 2223500
## 2550 4487900
## 2551 4615300
## 2552 14816900
## 2553 8885400
## 2554 6593600
## 2555 11451600
## 2556 12502000
## 2557 8334900
```

```
## 2558 6084400
## 2559 6289700
## 2560 5273500
## 2561 9130700
## 2562 9267800
## 2563 25342300
## 2564 60452400
## 2565 23267100
## 2566 13942600
## 2567 12855600
## 2568 14104500
## 2569 16918000
## 2570 10361600
## 2571 7987500
## 2572 9002900
## 2573 8059300
## 2574 8244800
## 2575 8348400
## 2576 9067600
## 2577 6068600
## 2578 5946200
## 2579 6375900
## 2580 10787300
## 2581 7240600
## 2582 5916100
## 2583 8429100
## 2584 6848100
## 2585 5665000
## 2586 5665700
## 2587 6951300
## 2588 5767000
## 2589 5076800
## 2590 4628800
## 2591 6157400
## 2592 8266000
## 2593 9062200
## 2594 8826900
## 2595 8231200
## 2596 5366900
## 2597 6859800
## 2598 9030300
## 2599 5983500
## 2600 3954700
## 2601 4484500
## 2602 8924400
## 2603 6458700
## 2604 5780800
## 2605 6524500
## 2606 5321800
## 2607 5800300
```

```
## 2608 5770300
## 2609 2812700
## 2610 4813700
## 2611 5397400
## 2612 4867200
## 2613 5052200
## 2614 3318300
## 2615 5523500
## 2616 7428400
## 2617 7144600
## 2618 5567800
## 2619 9822400
## 2620 8359900
## 2621 5608800
## 2622 8511500
## 2623 7678700
## 2624 5329500
## 2625 9126200
## 2626 9868400
## 2627 41761800
## 2628 41617400
## 2629 11630900
## 2630 8826200
## 2631 7097200
## 2632 5405400
## 2633 7044800
## 2634 8265700
## 2635 10230500
## 2636 7453100
## 2637 7934000
## 2638 8397800
## 2639 11803200
## 2640 11620200
## 2641 9396900
## 2642 9496300
## 2643 8427400
## 2644 7831500
## 2645 7114100
## 2646 8649800
## 2647 11610000
## 2648 6678300
## 2649 2780900
## 2650 8610500
## 2651 8634200
## 2652 11403400
## 2653 6977100
## 2654 6881600
## 2655 6000500
## 2656 7337900
## 2657 6608600
```

```
## 2658 5472700
## 2659 3934800
## 2660 5180600
## 2661 10269600
## 2662 7228100
## 2663 6046300
## 2664 6002300
## 2665 7697700
## 2666 7266100
## 2667 7616200
## 2668 5879800
## 2669 6604900
## 2670 2017100
## 2671 5442200
## 2672 7113700
## 2673 7587900
## 2674 5755200
## 2675 13858700
## 2676 9122500
## 2677 10270000
## 2678 9981600
## 2679 12283300
## 2680 16410900
## 2681 11609900
## 2682 10624300
## 2683 9056100
## 2684 9655900
## 2685 12407000
## 2686 9900900
## 2687 13364300
## 2688 12822200
## 2689 20405700
## 2690 9886600
## 2691 10027600
## 2692 8505300
## 2693 9958000
## 2694 25298700
## 2695 42885900
## 2696 16361000
## 2697 9155200
## 2698 9633900
## 2699 12399500
## 2700 14501700
## 2701 11700400
## 2702 7763700
## 2703 9449000
## 2704 11070300
## 2705 7497200
## 2706 11120100
## 2707 7109200
```

```
## 2708 6450700
## 2709 13150800
## 2710 12342700
## 2711 7858200
## 2712 9891300
## 2713 8930500
## 2714 13167800
## 2715 11664600
## 2716 13721100
## 2717 16703600
## 2718 11126400
## 2719 8343300
## 2720 10438100
## 2721 9321000
## 2722 9742900
## 2723 7748800
## 2724 10707500
## 2725 12420700
## 2726 9709100
## 2727 9550700
## 2728 11041900
## 2729 11410700
## 2730 9395400
## 2731 6327500
## 2732 6285100
## 2733 7942400
## 2734 5279100
## 2735 5470300
## 2736 9734000
## 2737 8592400
## 2738 8149900
## 2739 7152800
## 2740 6672400
## 2741 4966000
## 2742 6660300
## 2743 6255500
## 2744 6785600
## 2745 4354500
## 2746 6813100
## 2747 6746800
## 2748 6220000
## 2749 16791300
## 2750 9335400
## 2751 7245000
## 2752 19250400
## 2753 21073500
## 2754 9456500
## 2755 10991900
## 2756 6726400
## 2757 7875700
```

```
## 2758 7197000
## 2759 8154900
## 2760 5647400
## 2761 6545700
## 2762 8376600
## 2763 8131300
## 2764 4243500
## 2765 7215400
## 2766 5020800
## 2767 4589200
## 2768 6917700
## 2769 6206700
## 2770 18684800
## 2771 7912200
## 2772 7070500
## 2773 5390600
## 2774 6331900
## 2775 10108200
## 2776 6700600
## 2777 6857600
## 2778 5270600
## 2779 6215200
## 2780 5870000
## 2781 6458300
## 2782 8938700
## 2783 7843700
## 2784 6537300
## 2785 6065600
## 2786 5874500
## 2787 6204400
## 2788 5974500
## 2789 5754400
## 2790 8802400
## 2791 6846600
## 2792 6717300
## 2793 6588900
## 2794 7425800
## 2795 7140100
## 2796 7393300
## 2797 11310100
## 2798 11840500
## 2799 7104100
## 2800 10292500
## 2801 7044400
## 2802 4248200
## 2803 7355500
## 2804 7916000
## 2805 6912100
## 2806 9941600
## 2807 7930000
```

```
## 2808  9021300
## 2809  11342100
## 2810  12038900
## 2811  9597400
## 2812  8298000
## 2813  6896900
## 2814  8795800
## 2815  17916200
## 2816  30996600
## 2817  9150700
## 2818  10480200
## 2819  6770900
## 2820  7567300
## 2821  5300700
## 2822  4774500
## 2823  4498200
## 2824  7794600
## 2825  6406100
## 2826  5444800
## 2827  9162700
## 2828  25070200
## 2829  8026500
## 2830  7208800
## 2831  6901700
## 2832  6871600
## 2833  6547400
## 2834  6630400
## 2835  5950600
## 2836  6157800
## 2837  4677800
## 2838  4356400
## 2839  4374200
## 2840  5627300
## 2841  7834100
## 2842  4728700
## 2843  6000800
## 2844  5742600
## 2845  8316500
## 2846  8069100
## 2847  9490600
## 2848  5821800
## 2849  9444700
## 2850  7813600
## 2851  6480100
## 2852  8980800
## 2853  13092200
## 2854  13165600
## 2855  12397200
## 2856  14772200
## 2857  7037700
```

```
## 2858 8594200
## 2859 9372400
## 2860 6073000
## 2861 6747100
## 2862 12004300
## 2863 13046900
## 2864 9622200
## 2865 8726100
## 2866 11228100
## 2867 13385500
## 2868 12756000
## 2869 14324500
## 2870 13930900
## 2871 18021700
## 2872 11194800
## 2873 17306600
## 2874 16257600
## 2875 22081100
## 2876 12946400
## 2877 8452100
## 2878 8669600
## 2879 19513200
## 2880 32601900
## 2881 19605900
## 2882 11759200
## 2883 14834700
## 2884 15196300
## 2885 11125700
## 2886 8534600
## 2887 7170100
## 2888 7663800
## 2889 11498400
## 2890 15487800
## 2891 7439600
## 2892 8964900
## 2893 9939200
## 2894 14768600
## 2895 16935300
## 2896 11949700
## 2897 10711800
## 2898 15049200
## 2899 12521100
## 2900 18423900
## 2901 15042700
## 2902 14549700
## 2903 13015000
## 2904 13439700
## 2905 3481000
## 2906 11178900
## 2907 8713700
```

```
## 2908 15675600
## 2909 19782300
## 2910 14608800
## 2911 10940700
## 2912 13314800
## 2913 7753800
## 2914 7583600
## 2915 8664800
## 2916 7285400
## 2917 8862900
## 2918 9183100
## 2919 7518100
## 2920 10963200
## 2921 8925000
## 2922 5845400
## 2923 1645500
## 2924 6847300
## 2925 6507900
## 2926 6601300
## 2927 7792200
## 2928 7296400
## 2929 9509800
## 2930 11080100
## 2931 7942700
## 2932 6577900
## 2933 6684100
## 2934 9556300
## 2935 7883200
## 2936 10442600
## 2937 11617300
## 2938 8258200
## 2939 6767200
## 2940 5829500
## 2941 7133300
## 2942 5793300
## 2943 7155700
## 2944 8738200
## 2945 8056600
## 2946 17966800
## 2947 39783100
## 2948 19324300
## 2949 14694600
## 2950 13726300
## 2951 10169600
## 2952 12044900
## 2953 9437600
## 2954 10700600
## 2955 8347300
## 2956 8095500
## 2957 4130900
```

```
## 2958 7126100
## 2959 7366000
## 2960 6768900
## 2961 9354500
## 2962 7336000
## 2963 10271400
## 2964 9122100
## 2965 7275300
## 2966 11488300
## 2967 10511900
## 2968 9691600
## 2969 11960900
## 2970 11770300
## 2971 15093800
## 2972 13561400
## 2973 15435700
## 2974 13881700
## 2975 11348900
## 2976 8903400
## 2977 9437300
## 2978 11902800
## 2979 10401700
## 2980 8819100
## 2981 8468100
## 2982 8612400
## 2983 7457900
## 2984 7895600
## 2985 6657700
## 2986 8568800
## 2987 8373100
## 2988 8918200
## 2989 7041400
## 2990 11066900
## 2991 5809900
## 2992 5751300
## 2993 5748800
## 2994 5653000
## 2995 7082300
## 2996 6212200
## 2997 6160400
## 2998 9412800
## 2999 7467800
## 3000 7426000
## 3001 8686900
## 3002 7162200
## 3003 8775500
## 3004 16187700
## 3005 23484300
## 3006 9705900
## 3007 7924000
```

```
## 3008 9735100
## 3009 8537600
## 3010 6121700
## 3011 7019300
## 3012 5870300
## 3013 8604000
## 3014 9632100
## 3015 8193000
## 3016 6872300
## 3017 5548700
## 3018 8770500
## 3019 9343600
## 3020 8011700
## 3021 6829100
## 3022 8028900
## 3023 7351000
## 3024 5640500
## 3025 3484700
## 3026 6699600
## 3027 5567100
## 3028 4943100
## 3029 5072200
## 3030 10796500
## 3031 9397000
## 3032 7603400
## 3033 5465400
## 3034 8263500
## 3035 5602100
## 3036 4475100
## 3037 6073600
## 3038 5009700
## 3039 6223000
## 3040 5401800
## 3041 5465800
## 3042 7785100
## 3043 5453100
## 3044 5438200
## 3045 9744400
## 3046 7415500
## 3047 6081400
## 3048 7360400
## 3049 8775300
## 3050 6270300
## 3051 7984800
## 3052 6981200
## 3053 7218600
## 3054 7368800
## 3055 6491500
## 3056 8540700
## 3057 6359500
```

```
## 3058 5976100
## 3059 8050200
## 3060 4543600
## 3061 6339000
## 3062 5361900
## 3063 5051600
## 3064 6056600
## 3065 7728600
## 3066 5329600
## 3067 19162100
## 3068 19204600
## 3069 11279300
## 3070 8774900
## 3071 6502900
## 3072 7253200
## 3073 5886900
## 3074 6663000
## 3075 6177900
## 3076 7279400
## 3077 4693000
## 3078 5628000
## 3079 4440600
## 3080 5025000
## 3081 5619400
## 3082 5712400
## 3083 4924700
## 3084 6888600
## 3085 5884400
## 3086 5170600
## 3087 5375000
## 3088 6130700
## 3089 4723200
## 3090 4791000
## 3091 3613800
## 3092 3997700
## 3093 4620700
## 3094 5263800
## 3095 6245800
## 3096 6512700
## 3097 4140200
## 3098 4671500
## 3099 7037600
## 3100 6776200
## 3101 7023100
## 3102 6006900
## 3103 3572000
## 3104 4446800
## 3105 13114300
## 3106 7872700
## 3107 6769500
```

```
## 3108 4209300
## 3109 8264900
## 3110 5685300
## 3111 5075100
## 3112 4256800
## 3113 3508000
## 3114 4393900
## 3115 8539200
## 3116 6645100
## 3117 5039400
## 3118 7028500
## 3119 6963700
## 3120 7445100
## 3121 9674300
## 3122 4694000
## 3123 5591400
## 3124 4720000
## 3125 5556800
## 3126 6242100
## 3127 7038400
## 3128 6017400
## 3129 7777600
## 3130 7761200
## 3131 16518500
## 3132 58305800
## 3133 32271200
## 3134 20304200
## 3135 16887700
## 3136 12821800
## 3137 13312200
## 3138 11280000
## 3139 9478500
## 3140 7617500
## 3141 9086800
## 3142 13226000
## 3143 8624200
## 3144 10529300
## 3145 7434200
## 3146 7210100
## 3147 7376800
## 3148 9018300
## 3149 7748000
## 3150 5213500
## 3151 5998200
## 3152 6652600
## 3153 6878100
## 3154 7319700
## 3155 5071200
## 3156 4422600
## 3157 10119500
```

```
## 3158  9657600
## 3159  11798000
## 3160  16523500
## 3161  14827400
## 3162  7837000
## 3163  8002800
## 3164  12632900
## 3165  11343600
## 3166  8046700
## 3167  10022900
## 3168  7428800
## 3169  10261300
## 3170  8476500
## 3171  9605400
## 3172  9473600
## 3173  8257500
## 3174  9546100
## 3175  5128800
## 3176  8763900
## 3177  8400600
## 3178  6913200
## 3179  4523000
## 3180  7599900
## 3181  8851900
## 3182  7178800
## 3183  11030200
## 3184  9830500
## 3185  8779400
## 3186  9096300
## 3187  10723200
## 3188  9774900
## 3189  15376500
## 3190  8892600
## 3191  9074700
## 3192  9970600
## 3193  11568900
## 3194  12023900
## 3195  9559000
## 3196  14765300
## 3197  27293100
## 3198  29471300
## 3199  37774400
## 3200  23079700
## 3201  12405900
## 3202  12784000
## 3203  11024800
## 3204  9890200
## 3205  9223000
## 3206  6233200
## 3207  8343500
```

```
## 3208 8073500
## 3209 8932700
## 3210 8944800
## 3211 9800100
## 3212 7115600
## 3213 6807300
## 3214 7068200
## 3215 7389900
## 3216 9533400
## 3217 5721600
## 3218 13296500
## 3219 12097500
## 3220 6440400
## 3221 7509700
## 3222 6769300
## 3223 5605900
## 3224 6070800
## 3225 5625700
## 3226 7240800
## 3227 6150800
## 3228 6329200
## 3229 4132500
## 3230 4358800
## 3231 5021300
## 3232 8905000
## 3233 5383400
## 3234 4213100
## 3235 4696400
## 3236 16209600
## 3237 6565700
## 3238 4626900
## 3239 6192700
## 3240 4600600
## 3241 8785800
## 3242 5816500
## 3243 7950300
## 3244 5945400
## 3245 12689100
## 3246 6011100
## 3247 5445300
## 3248 4785500
## 3249 7900300
## 3250 7829600
## 3251 8396800
## 3252 6022000
## 3253 4311700
## 3254 7374400
## 3255 15165800
## 3256 18975200
## 3257 9318300
```

```
## 3258 8639000
## 3259 9235300
## 3260 6314200
## 3261 6113500
## 3262 5654600
## 3263 12667800
## 3264 9458100
## 3265 10189000
## 3266 11927600
## 3267 6806100
## 3268 6044100
## 3269 5904500
## 3270 5940200
## 3271 5277800
## 3272 5642200
## 3273 5256900
## 3274 6463300
## 3275 8594400
## 3276 7966900
## 3277 4535900
## 3278 6913400
## 3279 6964600
## 3280 4747700
## 3281 3954800
## 3282 3659500
## 3283 4764700
## 3284 5276900
## 3285 5497700
## 3286 6566400
## 3287 11484400
## 3288 7369200
## 3289 6061800
## 3290 4204600
## 3291 3923000
## 3292 4541000
## 3293 3964300
## 3294 3479000
## 3295 3836000
## 3296 5327700
## 3297 6207200
## 3298 5455100
## 3299 7771100
## 3300 5769700
## 3301 5612200
## 3302 12866300
## 3303 9740700
## 3304 8529800
## 3305 4477100
## 3306 5219300
## 3307 4941000
```

```
## 3308 6775000
## 3309 4065100
## 3310 4783600
## 3311 7091100
## 3312 5257000
## 3313 6047700
## 3314 6227900
## 3315 5030900
## 3316 6785000
## 3317 5011700
## 3318 15003400
## 3319 42421100
## 3320 11137800
## 3321 7796100
## 3322 5472300
## 3323 6175800
## 3324 7077500
## 3325 5443700
## 3326 5953800
## 3327 9270800
## 3328 4282300
## 3329 5065200
## 3330 5085800
## 3331 5706900
## 3332 5541700
## 3333 4367900
## 3334 3976600
## 3335 4024700
## 3336 5044700
## 3337 7901500
## 3338 5582500
## 3339 4170100
## 3340 3861300
## 3341 5369700
## 3342 5344500
## 3343 4694500
## 3344 5080000
## 3345 3426000
## 3346 4225600
## 3347 7138300
## 3348 5407400
## 3349 6581200
## 3350 3883000
## 3351 5828500
## 3352 4958000
## 3353 5043600
## 3354 5077400
## 3355 4319400
## 3356 4903600
## 3357 5827000
```

```
## 3358 7259600
## 3359 6449400
## 3360 7542000
## 3361 6612400
## 3362 7065600
## 3363 10590600
## 3364 6446300
## 3365 8494200
## 3366 7287500
## 3367 7606000
## 3368 8683400
## 3369 5346500
## 3370 5620000
## 3371 6060800
## 3372 4622000
## 3373 6918400
## 3374 4486400
## 3375 5280800
## 3376 5632800
## 3377 4024100
## 3378 10135500
## 3379 6331300
## 3380 7525000
## 3381 5790400
## 3382 13482500
## 3383 16318400
## 3384 6530900
## 3385 4689600
## 3386 5721800
## 3387 4684400
## 3388 4998500
## 3389 5239900
## 3390 4260000
## 3391 6112100
## 3392 7395900
## 3393 5212200
## 3394 5706000
## 3395 3978600
## 3396 5440300
## 3397 5691700
## 3398 7160600
## 3399 9648600
## 3400 6571400
## 3401 4524900
## 3402 6225300
## 3403 4464800
## 3404 6142500
## 3405 6465300
## 3406 10042500
## 3407 4271600
```

```
## 3408 9695000
## 3409 6762200
## 3410 5770100
## 3411 5537600
## 3412 4907500
## 3413 5654200
## 3414 5077100
## 3415 3726900
## 3416 4555500
## 3417 3565500
## 3418 4202500
## 3419 3685300
## 3420 5810500
## 3421 4121500
## 3422 4507300
## 3423 8735300
## 3424 5111000
## 3425 2578100
## 3426 3358200
## 3427 2249400
## 3428 1975000
## 3429 3120100
## 3430 1961200
## 3431 3451900
## 3432 5331400
## 3433 5031800
## 3434 3418800
## 3435 3179700
## 3436 5221700
## 3437 3375900
## 3438 2814200
## 3439 2679100
## 3440 3367000
## 3441 3662800
## 3442 3896200
## 3443 3882400
## 3444 5709900
## 3445 6806200
## 3446 5600300
## 3447 4651000
## 3448 3762200
## 3449 14594400
## 3450 19908200
## 3451 6718100
## 3452 5085900
## 3453 4547500
## 3454 3678900
## 3455 4347800
## 3456 5254700
## 3457 7794900
```

```
## 3458 8312700
## 3459 5331400
## 3460 4487900
## 3461 4061300
## 3462 3890900
## 3463 4628200
## 3464 3425500
## 3465 4178600
## 3466 5637100
## 3467 5482000
## 3468 4656500
## 3469 4191400
## 3470 6783200
## 3471 5847100
## 3472 5185700
## 3473 4138200
## 3474 4924300
## 3475 5932900
## 3476 4219000
## 3477 7108900
## 3478 5998400
## 3479 4609900
## 3480 4022000
## 3481 4934500
## 3482 5208100
## 3483 6471400
## 3484 7442700
## 3485 4055100
## 3486 3611400
## 3487 4721300
## 3488 6283200
## 3489 4293800
## 3490 3400800
## 3491 4884600
## 3492 6859300
## 3493 4826500
## 3494 5684100
## 3495 4186400
## 3496 5569200
## 3497 5430700
## 3498 4564000
## 3499 3726400
## 3500 3297100
## 3501 5334500
## 3502 4216300
## 3503 3588200
## 3504 4272400
## 3505 4616500
## 3506 2646000
## 3507 4067500
```

```
## 3508 3348100
## 3509 3438100
## 3510 11200000
## 3511 23623000
## 3512 7300000
## 3513 6640900
## 3514 9398100
## 3515 6100000
## 3516 6550000
## 3517 4600000
## 3518 4013900
## 3519 5825400
## 3520 5885900
## 3521 4809000
## 3522 4800000
## 3523 4123700
## 3524 9386400
## 3525 7073300
## 3526 4955800
## 3527 3701200
## 3528 3381000
## 3529 4200000
## 3530 2972700
## 3531 4661300
## 3532 4075200
## 3533 2352600
## 3534 3409000
## 3535 3445200
## 3536 3044900
## 3537 4974500
## 3538 3716000
## 3539 4866500
## 3540 3716600
## 3541 4187300
## 3542 3760400
## 3543 3868900
## 3544 3960300
## 3545 6317700
## 3546 6032100
## 3547 6322200
## 3548 2831700
## 3549 4182600
## 3550 3129700
## 3551 4609600
## 3552 3614500
## 3553 6100700
## 3554 3825300
## 3555 4608900
## 3556 4448100
## 3557 4008700
```

```
## 3558 3585200
## 3559 2607600
## 3560 3144900
## 3561 3707900
## 3562 4033700
## 3563 3985700
## 3564 4229900
## 3565 3902500
## 3566 4072600
## 3567 2898100
## 3568 4437200
## 3569 3372900
## 3570 4545300
## 3571 3591700
## 3572 3342800
## 3573 9863600
## 3574 12955600
## 3575 5354900
## 3576 5167700
## 3577 5789300
## 3578 6586700
## 3579 8197100
## 3580 6579500
## 3581 10024000
## 3582 10427500
## 3583 10491200
## 3584 8757600
## 3585 7401900
## 3586 5620400
## 3587 4785900
## 3588 5205900
## 3589 3991100
## 3590 8275200
## 3591 7244200
## 3592 5313700
## 3593 7351600
## 3594 6248700
## 3595 3760800
## 3596 5310700
## 3597 4511000
## 3598 5915700
## 3599 7405000
## 3600 5275300
## 3601 4232000
## 3602 6216200
## 3603 5295800
## 3604 4397900
## 3605 4574300
## 3606 5342100
## 3607 4835900
```

```
## 3608 5881700
## 3609 5608800
## 3610 11753000
## 3611 8223300
## 3612 7385500
## 3613 5881500
## 3614 8254600
## 3615 6468100
## 3616 5794100
## 3617 7837500
## 3618 14436900
## 3619 9378500
## 3620 6550300
## 3621 6624400
## 3622 8711600
## 3623 6508200
## 3624 6849300
## 3625 6784300
## 3626 5143100
## 3627 5003700
## 3628 6510800
## 3629 4833500
## 3630 5923700
## 3631 4779000
## 3632 4609700
## 3633 6715100
## 3634 4524900
## 3635 4572500
## 3636 4975800
## 3637 14012600
## 3638 24134200
## 3639 10774300
## 3640 9880400
## 3641 7343300
## 3642 8511800
## 3643 6122000
## 3644 5315000
## 3645 4065800
## 3646 3860000
## 3647 3914500
## 3648 4680600
## 3649 5044600
## 3650 5163100
## 3651 6522200
## 3652 5739000
## 3653 5509400
## 3654 7983100
## 3655 8437500
## 3656 11321200
## 3657 9915600
```

```
## 3658 8011300
## 3659 4972000
## 3660 7207300
## 3661 6575100
## 3662 7717000
## 3663 7327700
## 3664 7526200
## 3665 5922100
## 3666 5202000
## 3667 6427300
## 3668 4361100
## 3669 5158800
## 3670 4343200
## 3671 9297300
## 3672 11614200
## 3673 7259900
## 3674 6664100
## 3675 4533600
## 3676 4600100
## 3677 8066700
## 3678 4694900
## 3679 3496500
## 3680 2950900
## 3681 3659500
## 3682 8209300
## 3683 4279800
## 3684 5110800
## 3685 4205200
## 3686 3809100
## 3687 7008400
## 3688 5056900
## 3689 3985800
## 3690 3102700
## 3691 5385800
## 3692 4753500
## 3693 5644500
## 3694 7473500
## 3695 7096000
## 3696 5610300
## 3697 4585300
## 3698 4673800
## 3699 4306400
## 3700 5873600
## 3701 4659000
## 3702 5424100
## 3703 12772200
## 3704 21336600
## 3705 8736300
## 3706 8120500
## 3707 5310000
```

```
## 3708 5103900
## 3709 5476600
## 3710 7189200
## 3711 5797100
## 3712 6071400
## 3713 9527100
## 3714 7794400
## 3715 12563800
## 3716 7418100
## 3717 6756500
## 3718 5785400
## 3719 5153800
## 3720 3668700
## 3721 3706200
## 3722 5764500
## 3723 5300300
## 3724 4936000
## 3725 3657800
## 3726 4682700
## 3727 5612200
## 3728 4951500
## 3729 4221500
## 3730 4510600
## 3731 2587600
## 3732 4405800
## 3733 3699700
## 3734 4160100
## 3735 4934000
## 3736 3903400
## 3737 9165400
## 3738 4214400
## 3739 3739600
## 3740 5984000
## 3741 7613700
## 3742 9600800
## 3743 6245000
## 3744 5711200
## 3745 4438100
## 3746 6430300
## 3747 5000700
## 3748 5456900
## 3749 3217500
## 3750 3135900
## 3751 4455000
## 3752 4337800
## 3753 4027900
## 3754 3431800
## 3755 4044300
## 3756 2829200
## 3757 4001900
```

```
## 3758 4002400
## 3759 3243600
## 3760 3481000
## 3761 3376300
## 3762 3955100
## 3763 10234000
## 3764 22116900
## 3765 9756900
## 3766 6754900
## 3767 4593400
## 3768 4055500
## 3769 4585200
## 3770 3314300
## 3771 4522400
## 3772 3712000
## 3773 4648400
## 3774 4193600
## 3775 3096600
## 3776 5713700
## 3777 5261800
## 3778 4505500
## 3779 5231700
## 3780 3579800
## 3781 3733100
## 3782 4243800
## 3783 3141100
## 3784 2171400
## 3785 2693900
## 3786 4078200
## 3787 4944000
## 3788 3951500
## 3789 4299600
## 3790 3543900
## 3791 2710100
## 3792 3503900
## 3793 2877000
## 3794 3749100
## 3795 2833300
## 3796 2325200
## 3797 3060900
## 3798 3785200
## 3799 3369600
## 3800 2716600
## 3801 2444400
## 3802 2843000
## 3803 2187500
## 3804 2382300
## 3805 3754100
## 3806 2799200
## 3807 2994800
```

```
## 3808 3614400
## 3809 2330700
## 3810 1331700
## 3811 2682300
## 3812 3203200
## 3813 1922000
## 3814 2982100
## 3815 2734700
## 3816 2616200
## 3817 2221900
## 3818 2004200
## 3819 1987000
## 3820 2093000
## 3821 5449400
## 3822 4170000
## 3823 5515100
## 3824 5008700
## 3825 3646700
## 3826 6937400
## 3827 11313900
## 3828 3736400
## 3829 3453600
## 3830 2543800
## 3831 3048100
## 3832 2825300
## 3833 1843700
## 3834 2058300
## 3835 1534300
## 3836 1548100
## 3837 1852500
## 3838 1997300
## 3839 2751000
## 3840 3264700
## 3841 4312100
## 3842 3085800
## 3843 1889900
## 3844 2571500
## 3845 2473700
## 3846 2453900
## 3847 3698800
## 3848 2929700
## 3849 2742300
## 3850 1772600
## 3851 3647500
## 3852 3347500
## 3853 3950800
## 3854 2652600
## 3855 5361400
## 3856 5029500
## 3857 2567200
```

```
## 3858 2524800
## 3859 2273200
## 3860 3525600
## 3861 3666200
## 3862 2306300
## 3863 2215000
## 3864 2636800
## 3865 2913600
## 3866 6059300
## 3867 2707900
## 3868 4405800
## 3869 2920500
## 3870 3397400
## 3871 2456600
## 3872 2581200
## 3873 2195800
## 3874 2745600
## 3875 2700400
## 3876 2806500
## 3877 1762300
## 3878 3494800
## 3879 3948300
## 3880 3447300
## 3881 2203200
## 3882 2959800
## 3883 2204100
## 3884 3302700
## 3885 5305300
## 3886 4395300
## 3887 4500000
## 3888 4430800
## 3889 3678700
## 3890 6741300
## 3891 11367500
## 3892 4797600
## 3893 3905100
## 3894 3374700
## 3895 1846100
## 3896 2661300
## 3897 3624200
## 3898 2982400
## 3899 3092500
## 3900 2128800
## 3901 2629800
## 3902 3034100
## 3903 3404700
## 3904 4352800
## 3905 3591200
## 3906 2771700
## 3907 2959300
```

```
## 3908 1776800
## 3909 4178300
## 3910 3048500
## 3911 2743400
## 3912 5310500
## 3913 3797400
## 3914 2990600
## 3915 3114700
## 3916 2852200
## 3917 3557900
## 3918 2170300
## 3919 3503800
## 3920 4185200
## 3921 2628100
## 3922 2460200
## 3923 2526900
## 3924 2277000
## 3925 4961000
## 3926 2300000
## 3927 2584600
## 3928 4704600
## 3929 984400
## 3930 4152700
## 3931 3639300
## 3932 1858700
## 3933 3419000
## 3934 3271000
## 3935 2750900
## 3936 1874200
## 3937 4910000
## 3938 3010700
## 3939 2265600
## 3940 2863400
## 3941 2413300
## 3942 4275000
## 3943 2326900
## 3944 2065600
## 3945 1884600
## 3946 2942000
## 3947 2137700
## 3948 2508900
## 3949 3417000
## 3950 4968100
## 3951 4321400
## 3952 10172600
## 3953 13075400
## 3954 6772100
## 3955 6115000
## 3956 3723600
## 3957 4012900
```

```
## 3958 2770400
## 3959 3975700
## 3960 3879200
## 3961 3403700
## 3962 2943700
## 3963 5293000
## 3964 3463000
## 3965 3979900
## 3966 2854200
## 3967 3528900
## 3968 3637400
## 3969 3124800
## 3970 3032400
## 3971 3348600
## 3972 2908100
## 3973 2667200
## 3974 2957000
## 3975 3453000
## 3976 3686200
## 3977 2050700
## 3978 1939000
## 3979 1879800
## 3980 1904900
## 3981 3246200
## 3982 1884200
## 3983 5226700
## 3984 4865900
## 3985 2720200
## 3986 3738500
## 3987 2738900
## 3988 2806400
## 3989 3124600
## 3990 2513900
## 3991 2421000
## 3992 2874900
## 3993 2473700
## 3994 2524800
## 3995 2631100
## 3996 2413800
## 3997 1964400
## 3998 2557400
## 3999 2295600
## 4000 2156600
## 4001 2322500
## 4002 3090500
## 4003 2866300
## 4004 3326000
## 4005 2137200
## 4006 3135100
## 4007 3137600
```

```
## 4008 2602500
## 4009 2119100
## 4010 2270600
## 4011 1852800
## 4012 6116500
## 4013 14030000
## 4014 7117000
## 4015 4248800
## 4016 4391400
## 4017 3936200
## 4018 3514000
## 4019 2347800
## 4020 3133700
## 4021 2677000
## 4022 2769300
## 4023 3145300
## 4024 2149500
## 4025 2700000
## 4026 2720500
## 4027 1643500
## 4028 2527300
## 4029 2209000
## 4030 1741200
## 4031 3332000
## 4032 2000300
## 4033 1696300
## 4034 3471000
## 4035 1903400
## 4036 1667500
## 4037 3374300
## 4038 2543900
## 4039 2088600
## 4040 3512300
## 4041 2476300
## 4042 4632600
## 4043 3086500
## 4044 3097800
## 4045 2238900
## 4046 2649800
## 4047 2150800
## 4048 2884000
## 4049 2146100
## 4050 2827500
## 4051 2984000
## 4052 4201000
## 4053 3863800
## 4054 2449600
## 4055 3029500
## 4056 2519500
## 4057 3193300
```

```
## 4058 2888200
## 4059 3238200
## 4060 1373000
## 4061 1985400
## 4062 3046700
## 4063 2775600
## 4064 1810200
## 4065 4007300
## 4066 4539300
## 4067 2245600
## 4068 2660200
## 4069 2029700
## 4070 3063800
## 4071 2973100
## 4072 2520700
## 4073 1999600
## 4074 2000500
## 4075 5405800
## 4076 8817500
## 4077 3211800
## 4078 3053400
## 4079 1891300
## 4080 2971700
## 4081 2502600
## 4082 2233200
## 4083 1849000
## 4084 1961000
## 4085 2343400
## 4086 1950300
## 4087 1504500
## 4088 2349900
## 4089 1415000
## 4090 2261400
## 4091 2422500
## 4092 2477400
## 4093 1586300
## 4094 1815300
## 4095 1422600
## 4096 1961900
## 4097 1711700
## 4098 2476000
## 4099 1457100
## 4100 1566400
## 4101 1534700
## 4102 2897600
## 4103 2438600
## 4104 1816600
## 4105 2292000
## 4106 1643600
## 4107 1778400
```

```
## 4108 1742600
## 4109 1606200
## 4110 1350600
## 4111 1808400
## 4112 2296500
## 4113 2946400
## 4114 2350900
## 4115 5302300
## 4116 1884900
## 4117 2033600
## 4118 2008600
## 4119 1989900
## 4120 1657500
## 4121 1623600
## 4122 2396400
## 4123 2217400
## 4124 2674800
## 4125 1815000
## 4126 2083200
## 4127 3166200
## 4128 3247400
## 4129 2555100
## 4130 2163100
## 4131 1939100
## 4132 2261100
## 4133 2170700
## 4134 2648400
## 4135 5969800
## 4136 2522300
## 4137 3935500
## 4138 2818200
## 4139 5884700
## 4140 12036800
## 4141 3635800
## 4142 2185400
## 4143 4502200
## 4144 2466800
## 4145 3331000
## 4146 1938400
## 4147 2007100
## 4148 2282300
## 4149 4246300
## 4150 2656900
## 4151 2261700
## 4152 2343100
## 4153 2773300
## 4154 4159800
## 4155 4491600
## 4156 2737400
## 4157 1904800
```

```
## 4158 1771500
## 4159 1964600
## 4160 2965500
## 4161 2972300
## 4162 2724400
## 4163 2269700
## 4164 2406000
## 4165 4714000
## 4166 3702900
## 4167 2355300
## 4168 1906500
## 4169 1984700
## 4170 2761800
## 4171 2736800
## 4172 2451300
## 4173 2123700
## 4174 3025000
## 4175 2251700
## 4176 2343900
## 4177 3489100
## 4178 2427200
## 4179 5033900
## 4180 2659500
## 4181 1380400
## 4182 1868500
## 4183 1986900
## 4184 2487100
## 4185 1996500
## 4186 2137800
## 4187 2210200
## 4188 3170600
## 4189 1916000
## 4190 2316500
## 4191 2103000
## 4192 2679500
## 4193 2844900
## 4194 2340100
## 4195 2678300
## 4196 2601200
## 4197 4505100
## 4198 3122100
## 4199 2060500
## 4200 3025400
## 4201 4458400
## 4202 3936800
## 4203 2894500
## 4204 3382300
## 4205 10473900
## 4206 16154800
## 4207 10280800
```

```
## 4208 4812900
## 4209 4435400
## 4210 3335700
## 4211 4330500
## 4212 3449700
## 4213 3222100
## 4214 6587700
## 4215 4175000
## 4216 3520200
## 4217 4998000
## 4218 4168100
## 4219 3492800
## 4220 4210000
## 4221 3644700
## 4222 3736400
## 4223 3622100
## 4224 3104900
## 4225 3882000
## 4226 2798300
## 4227 2704400
## 4228 3848300
## 4229 2926600
## 4230 2279800
## 4231 2105800
## 4232 2246100
## 4233 2216600
## 4234 6829000
## 4235 4402200
## 4236 2303000
## 4237 2483500
## 4238 2646700
## 4239 2558500
## 4240 5414100
## 4241 4873500
## 4242 4445700
## 4243 4120700
## 4244 5766400
## 4245 3986800
## 4246 4297500
## 4247 3600100
## 4248 4475500
## 4249 6399300
## 4250 12534600
## 4251 7077400
## 4252 6577600
## 4253 5056600
## 4254 6126700
## 4255 7287500
## 4256 4293500
## 4257 5398600
```

```
## 4258 4284900
## 4259 4299200
## 4260 2999400
## 4261 3711600
## 4262 3604600
## 4263 9293700
## 4264 16180200
## 4265 14479800
## 4266 6509300
## 4267 4088600
## 4268 4328600
## 4269 3995100
## 4270 2519900
## 4271 4682300
## 4272 7015200
## 4273 3848200
## 4274 4063000
## 4275 3729600
## 4276 3509900
## 4277 3323300
## 4278 4295100
## 4279 3636800
## 4280 2284200
## 4281 4095700
## 4282 3408800
## 4283 2576800
## 4284 3052900
## 4285 4862100
## 4286 2726000
## 4287 2365500
## 4288 4260200
## 4289 2203400
## 4290 2379200
## 4291 2107100
## 4292 7796700
## 4293 5244000
## 4294 3212200
## 4295 3663400
## 4296 4436800
## 4297 4276300
## 4298 2764800
## 4299 2449800
## 4300 2924100
## 4301 6401500
## 4302 5320600
## 4303 6054000
## 4304 2604800
## 4305 2626600
## 4306 2327800
## 4307 2699500
```

```
## 4308 2416200
## 4309 2671300
## 4310 3173600
## 4311 2681300
## 4312 1944300
## 4313 2128900
## 4314 4271600
## 4315 3166100
## 4316 2665000
## 4317 8300800
## 4318 5609900
## 4319 4170900
## 4320 3503600
## 4321 3636000
## 4322 3407400
## 4323 2278400
## 4324 2888900
## 4325 2687300
## 4326 7088700
## 4327 17846500
## 4328 5932000
## 4329 2883800
## 4330 3969000
## 4331 5192000
## 4332 7441500
## 4333 4200900
## 4334 2852100
## 4335 2296900
## 4336 2935600
## 4337 2705900
## 4338 2468600
## 4339 1915800
## 4340 4939100
## 4341 3420400
## 4342 3896700
## 4343 2485400
## 4344 1713800
## 4345 1810500
## 4346 1971100
## 4347 2211200
## 4348 1957700
## 4349 3654700
## 4350 2961600
## 4351 2252700
## 4352 1939500
## 4353 2326000
## 4354 1993700
## 4355 3965600
## 4356 2107000
## 4357 2955300
```

```
## 4358 4646800
## 4359 3797400
## 4360 2720200
## 4361 3429300
## 4362 4000400
## 4363 3259900
## 4364 4136000
## 4365 2576900
## 4366 6886200
## 4367 3109700
## 4368 2352600
## 4369 2642200
## 4370 2928800
## 4371 3638000
## 4372 1924600
## 4373 2636200
## 4374 3089100
## 4375 3553900
## 4376 3037400
## 4377 2290300
## 4378 2365400
## 4379 3452800
## 4380 3587900
## 4381 3681900
## 4382 4363900
## 4383 3385800
## 4384 5343900
## 4385 4731300
## 4386 4405100
## 4387 3234500
## 4388 3559300
## 4389 3125900
## 4390 9038200
## 4391 19801100
## 4392 5950600
## 4393 5572600
## 4394 4881900
## 4395 4055200
## 4396 4550700
## 4397 3242500
## 4398 3427400
## 4399 4674500
## 4400 3758100
## 4401 2647400
## 4402 2809100
## 4403 3803600
## 4404 2183000
## 4405 3686400
## 4406 8877800
## 4407 4784900
```

```
## 4408 3549500
## 4409 3281600
## 4410 3436700
## 4411 4466600
## 4412 2754200
## 4413 2565000
## 4414 1983600
## 4415 3051800
## 4416 4944900
## 4417 2790300
## 4418 5681000
## 4419 3290300
## 4420 3265200
## 4421 3639200
## 4422 4049500
## 4423 3245900
## 4424 3262900
## 4425 3153500
## 4426 3841600
## 4427 6501300
## 4428 4433500
## 4429 7738100
## 4430 8709100
## 4431 4003800
## 4432 2713700
## 4433 1513800
## 4434 2893800
## 4435 3009000
## 4436 2093000
## 4437 2048000
## 4438 2783200
## 4439 2774200
## 4440 3519000
## 4441 2640300
## 4442 3088400
## 4443 2592400
## 4444 3421400
## 4445 4136400
## 4446 5538700
## 4447 4419200
## 4448 3478200
## 4449 3075100
## 4450 10065100
## 4451 5362600
## 4452 4496400
## 4453 3169700
## 4454 2920300
## 4455 3063800
## 4456 8656600
## 4457 23856100
```

```
## 4458 10231900
## 4459 6212600
## 4460 4169900
## 4461 7247600
## 4462 3892400
## 4463 2724600
## 4464 2287200
## 4465 2786500
## 4466 2791100
## 4467 3475100
## 4468 3673200
## 4469 2650600
## 4470 2953800
## 4471 3258000
## 4472 2177000
## 4473 1920800
## 4474 3174500
## 4475 2687100
## 4476 2532300
## 4477 2139200
## 4478 1946500
## 4479 2259100
## 4480 2693500
## 4481 2627000
## 4482 2311400
## 4483 3121000
## 4484 2495100
## 4485 2810000
## 4486 2611700
## 4487 2354100
## 4488 2037000
## 4489 2654100
## 4490 1915700
## 4491 3763600
## 4492 2239300
## 4493 2228200
## 4494 3429500
## 4495 2930000
## 4496 2609800
## 4497 1820900
## 4498 2506100
## 4499 2458100
## 4500 1875300
## 4501 3050700
## 4502 1954900
## 4503 2636400
## 4504 2392300
## 4505 2573500
## 4506 1894500
## 4507 2583600
```

```
## 4508 1933200
## 4509 2080400
## 4510 3839700
## 4511 5016100
## 4512 4643500
## 4513 3474700
## 4514 7980000
## 4515 17176900
## 4516 5430900
## 4517 4140500
## 4518 3621700
## 4519 3647900
## 4520 3565800
## 4521 2270400
## 4522 2856400
## 4523 2552500
## 4524 2766100
## 4525 2908800
## 4526 2393700
## 4527 1947800
## 4528 1996300
## 4529 1888500
## 4530 4240300
## 4531 2390200
## 4532 2464200
## 4533 2196200
## 4534 4121400
## 4535 2020600
## 4536 2244200
## 4537 2231100
## 4538 1912400
## 4539 3016100
## 4540 2253300
## 4541 1668900
## 4542 2727900
## 4543 2510800
## 4544 1907900
## 4545 2172500
## 4546 2288700
## 4547 2172300
## 4548 2922500
## 4549 2054400
## 4550 2051000
## 4551 2296400
## 4552 2185900
## 4553 3378400
## 4554 4495100
## 4555 1823600
## 4556 3245000
## 4557 2620800
```

```
## 4558 2237500
## 4559 2624500
## 4560 2753200
## 4561 2596900
## 4562 1987100
## 4563 1343400
## 4564 1903200
## 4565 3454200
## 4566 2383100
## 4567 2271400
## 4568 2401000
## 4569 3956800
## 4570 4736200
## 4571 2987400
## 4572 4095600
## 4573 4932200
## 4574 4752500
## 4575 3181800
## 4576 3114900
## 4577 9374400
## 4578 21909400
## 4579 7491000
## 4580 5273100
## 4581 3752600
## 4582 3743100
## 4583 3025600
## 4584 3014200
## 4585 2934600
## 4586 2889400
## 4587 3820500
## 4588 3969200
## 4589 2615900
## 4590 2676600
## 4591 3962300
## 4592 2895200
## 4593 1994800
## 4594 2581700
## 4595 2071300
## 4596 2324000
## 4597 4408000
## 4598 6706500
## 4599 10097600
## 4600 5679300
## 4601 6358600
## 4602 6114500
## 4603 2746700
## 4604 3002300
## 4605 3864500
## 4606 3707100
## 4607 3149700
```

```
## 4608 2692500
## 4609 3810700
## 4610 4370700
## 4611 2576000
## 4612 3227900
## 4613 3130200
## 4614 2865900
## 4615 2252800
## 4616 4169500
## 4617 6160100
## 4618 3283300
## 4619 3841700
## 4620 2237600
## 4621 3501000
## 4622 4031000
## 4623 5434500
## 4624 4457500
## 4625 4004700
## 4626 3768500
## 4627 4597800
## 4628 3391400
## 4629 4502800
## 4630 3812100
## 4631 4676400
## 4632 3537400
## 4633 2776100
## 4634 2938000
## 4635 3582100
## 4636 4937000
## 4637 4315800
## 4638 4375400
## 4639 4346200
## 4640 3343600
## 4641 7779400
## 4642 10692700
## 4643 4269700
## 4644 3787100
## 4645 3926200
## 4646 3896000
## 4647 3874400
## 4648 2816500
## 4649 3246900
## 4650 4840500
## 4651 4723800
## 4652 4092200
## 4653 4048800
## 4654 3489500
## 4655 5387300
## 4656 4284700
## 4657 6261100
```

```
## 4658 7435900
## 4659 4320200
## 4660 4469800
## 4661 4705200
## 4662 3896100
## 4663 4385100
## 4664 4543400
## 4665 2697900
## 4666 1966800
## 4667 5693200
## 4668 4751200
## 4669 4273500
## 4670 5064700
## 4671 4534800
## 4672 3732800
## 4673 3651900
## 4674 5158200
## 4675 3455500
## 4676 5474400
## 4677 4329700
## 4678 4753400
## 4679 3964500
## 4680 3681600
## 4681 6841300
## 4682 3250900
## 4683 2667800
## 4684 2722900
## 4685 1091200
## 4686 3783600
## 4687 5735000
## 4688 3519000
## 4689 3749600
## 4690 9314500
## 4691 5822600
## 4692 5329200
## 4693 7074900
## 4694 5512900
## 4695 4891600
## 4696 4724100
## 4697 7655200
## 4698 7238000
## 4699 7784500
## 4700 4807200
## 4701 7966400
## 4702 4952200
## 4703 5120100
## 4704 4396100
## 4705 3765700
## 4706 5152900
## 4707 14015200
```

```
## 4708 14677600
## 4709 6355100
## 4710 6312000
## 4711 10048700
## 4712 6199100
## 4713 9708900
## 4714 9825500
## 4715 7077900
## 4716 6786200
## 4717 7397400
## 4718 5384800
## 4719 5118500
## 4720 4824000
## 4721 4735000
## 4722 4974700
## 4723 5566600
## 4724 4050800
## 4725 6231700
## 4726 4525500
## 4727 4877000
## 4728 4145400
## 4729 5038500
## 4730 4582200
## 4731 2741300
## 4732 3416500
## 4733 4926900
## 4734 4730000
## 4735 4377300
## 4736 3919900
## 4737 3771300
## 4738 3454200
## 4739 3876800
## 4740 3537700
## 4741 5928100
## 4742 7296900
## 4743 5155700
## 4744 4000600
## 4745 3983700
## 4746 5185500
## 4747 3121500
## 4748 4392600
## 4749 3890500
## 4750 2681800
## 4751 2917400
## 4752 2470800
## 4753 2308900
## 4754 2849900
## 4755 3189000
## 4756 2591900
## 4757 2704300
```

```
## 4758 2641100
## 4759 4228300
## 4760 3512100
## 4761 2887700
## 4762 4360900
## 4763 4055900
## 4764 2609400
## 4765 2596300
## 4766 5083900
## 4767 2682900
## 4768 2521400
## 4769 4068800
## 4770 7872600
## 4771 10310700
## 4772 6578500
## 4773 4923400
## 4774 4635500
## 4775 4884100
## 4776 4365300
## 4777 3982200
## 4778 6105600
## 4779 7338200
## 4780 5048200
## 4781 4763400
## 4782 5432900
## 4783 5121400
## 4784 4283200
## 4785 3025600
## 4786 2916200
## 4787 2595100
## 4788 3033800
## 4789 3267700
## 4790 2446700
## 4791 2249200
## 4792 3618300
## 4793 3263100
## 4794 3026600
## 4795 3367300
## 4796 2704800
## 4797 2732500
## 4798 2223400
## 4799 2170300
## 4800 3425700
## 4801 3352200
## 4802 2506900
## 4803 2709400
## 4804 3098000
## 4805 5897800
## 4806 3677200
## 4807 2137500
```

```
## 4808 2260500
## 4809 2825000
## 4810 7632500
## 4811 5568000
## 4812 4037000
## 4813 3070100
## 4814 2855100
## 4815 2920400
## 4816 2431400
## 4817 3938200
## 4818 2945800
## 4819 3429200
## 4820 3195300
## 4821 5623700
## 4822 4142300
## 4823 2390500
## 4824 3121400
## 4825 2954900
## 4826 2216800
## 4827 2214000
## 4828 2317100
## 4829 2277700
## 4830 2679300
## 4831 2529700
## 4832 2913100
## 4833 7617600
## 4834 6777100
## 4835 3578200
## 4836 3603300
## 4837 3581500
## 4838 3178200
## 4839 2704400
## 4840 1986300
## 4841 1876100
## 4842 1604300
## 4843 2019700
## 4844 1563300
## 4845 2118500
## 4846 1604600
## 4847 1891100
## 4848 1458800
## 4849 2343200
## 4850 1679300
## 4851 1524100
## 4852 1744100
## 4853 1623000
## 4854 2776800
## 4855 2198600
## 4856 1709200
## 4857 1633800
```

```
## 4858 1792300
## 4859 2181800
## 4860 3719800
## 4861 2424600
## 4862 2030500
## 4863 4257300
## 4864 3124700
## 4865 3117200
## 4866 2523000
## 4867 3034000
## 4868 5499200
## 4869 2297200
## 4870 1937200
## 4871 2718600
## 4872 4078900
## 4873 2353500
## 4874 2651400
## 4875 3819600
## 4876 4422100
## 4877 4922200
## 4878 4430600
## 4879 2769400
## 4880 2950300
## 4881 3469100
## 4882 2684000
## 4883 2426200
## 4884 1827100
## 4885 3588200
## 4886 2380400
## 4887 3091400
## 4888 2999800
## 4889 3361500
## 4890 2512500
## 4891 2090700
## 4892 3152000
## 4893 2793000
## 4894 4060900
## 4895 3248400
## 4896 3998100
## 4897 7406400
## 4898 10841100
## 4899 5413300
## 4900 5305400
## 4901 5026500
## 4902 3872500
## 4903 5122100
## 4904 5984400
## 4905 3412600
## 4906 8562900
## 4907 12747000
```

```
## 4908 6622800
## 4909 7321300
## 4910 6755800
## 4911 3648800
## 4912 3690100
## 4913 4373400
## 4914 4614600
## 4915 5311300
## 4916 3540300
## 4917 1837100
## 4918 4438800
## 4919 3272300
## 4920 4625900
## 4921 4666000
## 4922 3561300
## 4923 4314700
## 4924 3794700
## 4925 3684900
## 4926 3189600
## 4927 2470900
## 4928 2963900
## 4929 5285300
## 4930 5454800
## 4931 3801900
## 4932 4848200
## 4933 3113200
## 4934 2703600
## 4935 2044600
## 4936 2543600
## 4937 1981600
## 4938 2638700
## 4939 3301000
## 4940 3158300
## 4941 4139400
## 4942 3521100
## 4943 2510500
## 4944 5830100
## 4945 5986200
## 4946 3446100
## 4947 2558400
## 4948 2992800
## 4949 4873900
## 4950 3791900
## 4951 3670500
## 4952 2354200
## 4953 2540800
## 4954 3376200
## 4955 2797500
## 4956 2971700
## 4957 3922600
```

```
## 4958 3586300
## 4959 2998700
## 4960 3747300
## 4961 3137200
## 4962 3850200
## 4963 7350500
## 4964 10868800
## 4965 3897300
## 4966 3466100
## 4967 2858000
## 4968 2484900
## 4969 2429600
## 4970 4172600
## 4971 2792400
## 4972 2968900
## 4973 2714700
## 4974 3112300
## 4975 3507700
## 4976 2617000
## 4977 3462000
## 4978 3688000
## 4979 2713600
## 4980 2793700
## 4981 2760100
## 4982 2132100
## 4983 1941100
## 4984 2610400
## 4985 2247600
## 4986 2286500
## 4987 2048200
## 4988 2436400
## 4989 1909700
## 4990 2130600
## 4991 2562200
## 4992 1842300
## 4993 3384400
## 4994 2282700
## 4995 4382900
## 4996 2658700
## 4997 1953000
## 4998 2138300
## 4999 2755800
## 5000 3041600
## 5001 4485800
## 5002 2762700
## 5003 3957600
## 5004 3422300
## 5005 4984700
## 5006 7508400
## 5007 6344100
```

```
## 5008 3710900
## 5009 3184300
## 5010 3012700
## 5011 2456100
## 5012 3174600
## 5013 2854700
## 5014 2999200
## 5015 2870200
## 5016 2814400
## 5017 2420500
## 5018 3122900
## 5019 3380600
## 5020 2608900
## 5021 5305500
## 5022 7364700
## 5023 5466500
## 5024 3848800
## 5025 3582700
## 5026 2418400
## 5027 2866400
## 5028 3415700
## 5029 3262100
## 5030 2096500
## 5031 2194100
## 5032 3625900
## 5033 4270600
## 5034 3126100
## 5035 5145600
## 5036 3939300
## 5037 3972100
## 5038 2642200
## 5039 2415600
## 5040 2446000
## 5041 4822000
## 5042 3469200
## 5043 3263100
## 5044 3913100
## 5045 2454800
## 5046 3752300
## 5047 2719900
## 5048 3346400
## 5049 2823000
## 5050 2767900
## 5051 7647700
## 5052 9447200
## 5053 4580000
## 5054 3974900
## 5055 5373900
## 5056 11472700
## 5057 5043400
```

```
## 5058 4076800
## 5059 2922500
## 5060 2253400
## 5061 2879100
## 5062 3386200
## 5063 3782400
## 5064 3737600
## 5065 4303000
## 5066 3390300
## 5067 2909100
## 5068 3653000
## 5069 3259600
## 5070 2643400
## 5071 3546300
## 5072 2982700
## 5073 3608600
## 5074 2880800
## 5075 2102500
## 5076 3712600
## 5077 4007600
## 5078 2964000
## 5079 3097500
## 5080 2734600
## 5081 3288000
## 5082 2447600
## 5083 2921300
## 5084 10991700
## 5085 7709400
## 5086 7352100
## 5087 4572600
## 5088 4070000
## 5089 3255800
## 5090 2730300
## 5091 2676600
## 5092 2902800
## 5093 3569700
## 5094 5684100
## 5095 3468000
## 5096 3172900
## 5097 2549300
## 5098 3132100
## 5099 3512400
## 5100 3284800
## 5101 3164500
## 5102 2750000
## 5103 2668300
## 5104 5195700
## 5105 3324800
## 5106 2596700
## 5107 2874300
```

```
## 5108 2904600
## 5109 3331500
## 5110 2535900
## 5111 2883200
## 5112 2129900
## 5113 2566800
## 5114 2605300
## 5115 2186700
## 5116 2481100
## 5117 3374700
## 5118 3913300
## 5119 3760200
## 5120 3411300
## 5121 2671100
## 5122 2888800
## 5123 2337600
## 5124 2641800
## 5125 5124000
## 5126 3564800
## 5127 3148900
## 5128 2522600
## 5129 2543800
## 5130 2442900
## 5131 2666600
## 5132 2527400
## 5133 3229200
## 5134 3782100
## 5135 2938600
## 5136 3084900
## 5137 2337100
## 5138 4067300
## 5139 2431500
## 5140 2008900
## 5141 2319700
## 5142 2499700
## 5143 3108200
## 5144 2365100
## 5145 3494100
## 5146 2723900
## 5147 3033100
## 5148 5618700
## 5149 16565000
## 5150 6613100
## 5151 3477000
## 5152 3755500
## 5153 3684900
## 5154 3751500
## 5155 3381100
## 5156 2689000
## 5157 2581500
```

```
## 5158 3732700
## 5159 2179900
## 5160 2918400
## 5161 3138400
## 5162 3928700
## 5163 2213300
## 5164 2413400
## 5165 2163900
## 5166 2479400
## 5167 3555300
## 5168 3528000
## 5169 6744000
## 5170 4559400
## 5171 9257500
## 5172 4509200
## 5173 4107100
## 5174 5931900
## 5175 4079800
## 5176 2853300
## 5177 2511600
## 5178 3050100
## 5179 2363500
## 5180 2235900
## 5181 2616800
## 5182 3214300
## 5183 4778600
## 5184 2947600
## 5185 2587800
## 5186 2371200
## 5187 2123100
## 5188 1585100
## 5189 2005200
## 5190 1867200
## 5191 1841700
## 5192 2688400
## 5193 2694500
## 5194 3108800
## 5195 3022100
## 5196 3544700
## 5197 4279500
## 5198 3661300
## 5199 2686000
## 5200 3125000
## 5201 5443700
## 5202 7220700
## 5203 5253800
## 5204 4026900
## 5205 4578500
## 5206 4140100
## 5207 5169300
```

```
## 5208 6807500
## 5209 4753000
## 5210 4857300
## 5211 5701900
## 5212 5871900
## 5213 6424700
## 5214 9113800
## 5215 11125700
## 5216 11495000
## 5217 11066800
## 5218 7162700
## 5219 8578600
## 5220 14141500
## 5221 6738900
## 5222 5917900
## 5223 5959200
## 5224 5652700
## 5225 4472600
## 5226 6499200
## 5227 6304400
## 5228 4858100
## 5229 4418100
## 5230 4955000
## 5231 4808800
## 5232 4515000
## 5233 6835200
## 5234 6587600
## 5235 5233900
## 5236 4561700
## 5237 4174100
## 5238 3862600
## 5239 4534300
## 5240 5174200
## 5241 6531900
## 5242 4259400
## 5243 4069700
## 5244 5425000
## 5245 6580800
## 5246 4581600
## 5247 4750800
## 5248 6320600
## 5249 8006000
## 5250 5624700
## 5251 6999600
## 5252 13705300
## 5253 12581100
## 5254 10463600
## 5255 10231200
## 5256 6982300
## 5257 6413500
```

```
## 5258 5882300
## 5259 4208200
## 5260 4254100
## 5261 3582500
## 5262 3135000
## 5263 3685300
## 5264 2808600
## 5265 5114400
## 5266 5227500
## 5267 6523700
## 5268 5541600
## 5269 4465400
## 5270 7494700
## 5271 6587300
## 5272 8801100
## 5273 13053200
## 5274 5464100
## 5275 4572100
## 5276 4360300
## 5277 4251900
## 5278 3443600
## 5279 3801900
## 5280 3067900
## 5281 3637300
## 5282 2817500
## 5283 2263900
## 5284 2509500
## 5285 5077500
## 5286 2570600
## 5287 2147600
## 5288 2642600
## 5289 2925200
## 5290 2115600
## 5291 3361900
## 5292 3430000
## 5293 2698400
## 5294 3846500
## 5295 2907400
## 5296 3166300
## 5297 3313400
## 5298 3187700
## 5299 4782200
## 5300 5473200
## 5301 3765700
## 5302 2955100
## 5303 2335500
## 5304 2259200
## 5305 3327500
## 5306 3174400
## 5307 4777600
```

```
## 5308 3107700
## 5309 4290100
## 5310 4332600
## 5311 4941100
## 5312 4075100
## 5313 7511200
## 5314 4386600
## 5315 4872200
## 5316 4529700
## 5317 4543500
## 5318 3185700
## 5319 2177300
## 5320 2983100
## 5321 2650300
## 5322 3012000
## 5323 3002900
## 5324 3209800
## 5325 4532700
## 5326 4383200
## 5327 5466200
## 5328 5682900
## 5329 4861900
## 5330 4676900
## 5331 3884400
## 5332 3888500
## 5333 4278700
## 5334 3738200
## 5335 9924400
## 5336 9681000
## 5337 6562300
## 5338 5738700
## 5339 4153100
## 5340 4354700
## 5341 3460500
## 5342 3391800
## 5343 3377500
## 5344 3963000
## 5345 4860400
## 5346 3639900
## 5347 5531500
## 5348 3986100
## 5349 7700700
## 5350 3957100
## 5351 4104300
## 5352 2862000
## 5353 3105600
## 5354 3080500
## 5355 3563000
## 5356 2800900
## 5357 3569000
```

```
## 5358 3100700
## 5359 6531800
## 5360 7277300
## 5361 4204400
## 5362 5721100
## 5363 8220600
## 5364 7488700
## 5365 4892600
## 5366 4544800
## 5367 5033600
## 5368 4414000
## 5369 3621500
## 5370 3642000
## 5371 7050200
## 5372 4268700
## 5373 4056800
## 5374 3154900
## 5375 6855900
## 5376 4213700
## 5377 4538400
## 5378 4313500
## 5379 4329400
## 5380 4085100
## 5381 3460500
## 5382 5400700
## 5383 5253100
## 5384 7257000
## 5385 6822300
## 5386 7393200
## 5387 4772900
## 5388 10988900
## 5389 13935900
## 5390 9444600
## 5391 6437200
## 5392 5859900
## 5393 5295200
## 5394 5874000
## 5395 5907200
## 5396 4500000
## 5397 6723900
## 5398 6928400
## 5399 10285700
## 5400 14963800
## 5401 13866100
## 5402 12460100
## 5403 9390200
## 5404 8135500
## 5405 6955500
## 5406 5624700
## 5407 4257400
```

```
## 5408 8192200
## 5409 6534900
## 5410 5902200
## 5411 6806200
## 5412 5933300
## 5413 6486900
## 5414 8427300
## 5415 6066100
## 5416 7790000
## 5417 10878800
## 5418 5716800
## 5419 2707600
## 5420 6257700
## 5421 5783200
## 5422 8458700
## 5423 6613200
## 5424 5761800
## 5425 6862300
## 5426 8694500
## 5427 8789400
## 5428 7576100
## 5429 7494800
## 5430 6244700
## 5431 6598000
## 5432 5271300
## 5433 6367200
## 5434 8829800
## 5435 6523000
## 5436 8792200
## 5437 9991800
## 5438 13640300
## 5439 7220000
## 5440 10411800
## 5441 9722000
## 5442 8829000
## 5443 6954500
## 5444 7983100
## 5445 6975600
## 5446 9182600
## 5447 7993200
## 5448 8881400
## 5449 6348800
## 5450 6507700
## 5451 4686200
## 5452 6005900
## 5453 5998500
## 5454 6366900
## 5455 4208900
## 5456 6020500
## 5457 6416800
```

```
## 5458 5225200
## 5459 4089900
## 5460 4945900
## 5461 4837700
## 5462 4632800
## 5463 5783800
## 5464 10910300
## 5465 11506200
## 5466 4929100
## 5467 4453100
## 5468 3939900
## 5469 4626600
## 5470 5657500
## 5471 3317300
## 5472 4858600
## 5473 3560300
## 5474 4120500
## 5475 4343900
## 5476 3681700
## 5477 3337600
## 5478 3483400
## 5479 3096200
## 5480 3184500
## 5481 2665800
## 5482 3148800
## 5483 3025900
## 5484 4974900
## 5485 6167400
## 5486 3681500
## 5487 3996000
## 5488 4957000
## 5489 4667000
## 5490 3876400
## 5491 3614500
## 5492 3552000
## 5493 2946600
## 5494 7550900
## 5495 5429100
## 5496 6364200
## 5497 6265600
## 5498 5767800
## 5499 6363000
## 5500 5103800
## 5501 4865900
## 5502 4324800
## 5503 3043000
## 5504 3320800
## 5505 4238800
## 5506 3448100
## 5507 3926100
```

```
## 5508 3623900
## 5509 3640500
## 5510 3752800
## 5511 3714400
## 5512 2964000
## 5513 2654800
## 5514 3114400
## 5515 3724400
## 5516 3044600
## 5517 2893500
## 5518 2749900
## 5519 3373800
## 5520 4640400
## 5521 3675800
## 5522 6099100
## 5523 8432600
## 5524 4021300
## 5525 3506000
## 5526 3117000
## 5527 3962900
## 5528 6381600
## 5529 5417800
## 5530 5902100
## 5531 4078600
## 5532 5308300
## 5533 5718000
## 5534 5783400
## 5535 4629100
## 5536 4692600
## 5537 4707800
## 5538 4736600
## 5539 3798200
## 5540 4005100
## 5541 2936600
## 5542 4424300
## 5543 3369700
## 5544 3200000
## 5545 4279000
## 5546 3146900
## 5547 4618800
## 5548 9098700
## 5549 5679100
## 5550 4239800
## 5551 3689300
## 5552 4808200
## 5553 5371000
## 5554 4042700
## 5555 2678300
## 5556 2795800
## 5557 2851200
```

```
## 5558 2634300
## 5559 3895700
## 5560 2895300
## 5561 3217200
## 5562 3933600
## 5563 2283000
## 5564 3012300
## 5565 2441900
## 5566 2141700
## 5567 3037400
## 5568 3192100
## 5569 2645900
## 5570 1690300
## 5571 2628400
## 5572 2883400
## 5573 4345700
## 5574 4931900
## 5575 4317800
## 5576 2509300
## 5577 2981300
## 5578 2618200
## 5579 2558800
## 5580 3486900
## 5581 3185600
## 5582 2900000
## 5583 2703500
## 5584 2631300
## 5585 4136500
## 5586 4927100
## 5587 4493200
## 5588 2910900
## 5589 4470700
## 5590 4713300
## 5591 4956200
## 5592 6058200
## 5593 5070300
## 5594 4526900
## 5595 3701200
## 5596 2879800
## 5597 2905500
## 5598 3994000
## 5599 4893600
## 5600 3759100
## 5601 3018000
## 5602 2816300
## 5603 1929500
## 5604 2031800
## 5605 2653500
## 5606 5270800
## 5607 3080000
```

```
## 5608 3019700
## 5609 2419700
## 5610 3015100
## 5611 3058700
## 5612 3543000
## 5613 2324100
## 5614 3310800
## 5615 2496900
## 5616 2999500
## 5617 2613900
## 5618 2432800
## 5619 2823500
## 5620 1971300
## 5621 3675500
## 5622 1982400
## 5623 2505600
## 5624 2031500
## 5625 5341900
## 5626 2922300
## 5627 4616000
## 5628 3493200
## 5629 3536800
## 5630 3907200
## 5631 2644700
## 5632 3084500
## 5633 3301100
## 5634 3468200
## 5635 2471900
## 5636 2154700
## 5637 2542000
## 5638 2043500
## 5639 2575200
## 5640 3255000
## 5641 1910200
## 5642 3111700
## 5643 2763400
## 5644 2647400
## 5645 3362500
## 5646 2130400
## 5647 2111700
## 5648 2138200
## 5649 4446100
## 5650 9626400
## 5651 3708900
## 5652 2276900
## 5653 2449400
## 5654 2781200
## 5655 2790400
## 5656 2771900
## 5657 1885500
```

```
## 5658 2029800
## 5659 2651100
## 5660 2123300
## 5661 1946000
## 5662 2037600
## 5663 2989500
## 5664 2264800
## 5665 3927600
## 5666 2839500
## 5667 2270800
## 5668 2790000
## 5669 2662900
## 5670 2479100
## 5671 3486200
## 5672 3181200
## 5673 3025600
## 5674 1923400
## 5675 3925600
## 5676 3380900
## 5677 2670100
## 5678 2823800
## 5679 3117400
## 5680 2442800
## 5681 2514300
## 5682 2097600
## 5683 3095900
## 5684 2745700
## 5685 3145200
## 5686 3644400
## 5687 3351400
## 5688 2652800
## 5689 5150800
## 5690 2136400
## 5691 881300
## 5692 6005400
## 5693 6186600
## 5694 3674700
## 5695 2506500
## 5696 4029000
## 5697 3764400
## 5698 4061800
## 5699 4044900
## 5700 3508000
## 5701 3167300
## 5702 2853700
## 5703 2780800
## 5704 3440900
## 5705 2896600
## 5706 2659500
## 5707 3997300
```

```
## 5708 3707800
## 5709 3216300
## 5710 2484600
## 5711 3766200
## 5712 3528500
## 5713 2808000
## 5714 2088000
## 5715 6327400
## 5716 15567300
## 5717 5891700
## 5718 5289300
## 5719 4376200
## 5720 3183000
## 5721 5095300
## 5722 5056200
## 5723 5746000
## 5724 3334300
## 5725 3031800
## 5726 2606200
## 5727 2945600
## 5728 2561200
## 5729 3131300
## 5730 4646300
## 5731 6547000
## 5732 6219100
## 5733 5224600
## 5734 8144000
## 5735 9481000
## 5736 6761700
## 5737 7534500
## 5738 4772900
## 5739 4748200
## 5740 5273600
## 5741 7813200
## 5742 7133300
## 5743 5624800
## 5744 11346200
## 5745 8809700
## 5746 8917300
## 5747 10917100
## 5748 9645200
## 5749 10399900
## 5750 9817900
## 5751 7808500
## 5752 7147100
## 5753 6479100
## 5754 6221300
## 5755 5387900
## 5756 6126100
## 5757 5123600
```

```
## 5758 4121900
## 5759 4336000
## 5760 3609900
## 5761 5773200
## 5762 5114000
## 5763 3977300
## 5764 4646500
## 5765 6716700
## 5766 8087200
## 5767 6866600
## 5768 12038200
## 5769 7930000
## 5770 5770700
## 5771 7476700
## 5772 4212200
## 5773 5066600
## 5774 3824900
## 5775 5645600
## 5776 5269400
## 5777 4591600
## 5778 9534600
## 5779 9772600
## 5780 4865900
## 5781 3242500
## 5782 3117800
## 5783 3396400
## 5784 3206600
## 5785 3259200
## 5786 3074900
## 5787 4782900
## 5788 3648100
## 5789 4235000
## 5790 4357200
## 5791 4320500
## 5792 3998100
## 5793 5114400
## 5794 2867100
## 5795 3568200
## 5796 5056900
## 5797 3190200
## 5798 3509900
## 5799 2928900
## 5800 2529900
## 5801 2671000
## 5802 2948700
## 5803 3306400
## 5804 3970700
## 5805 5176000
## 5806 4946000
## 5807 5800100
```

```
## 5808 5436100
## 5809 3865100
## 5810 3585600
## 5811 2959300
## 5812 2487800
## 5813 5777000
## 5814 3208800
## 5815 4231700
## 5816 4526600
## 5817 2968700
## 5818 6500800
## 5819 4223400
## 5820 3769700
## 5821 6363400
## 5822 6593400
## 5823 6880600
## 5824 5257500
## 5825 5037600
## 5826 6388700
## 5827 5486000
## 5828 7720400
## 5829 7231900
## 5830 5788900
## 5831 6394200
## 5832 4761300
## 5833 7598200
## 5834 6121300
## 5835 4104200
## 5836 5656900
## 5837 5632400
## 5838 4170500
## 5839 3126700
## 5840 2974100
## 5841 6128300
## 5842 8085500
## 5843 5074700
## 5844 4694300
## 5845 3916500
## 5846 3940600
## 5847 3936100
## 5848 3167300
## 5849 3718100
## 5850 3522100
## 5851 3149000
## 5852 2751700
## 5853 2691200
## 5854 5346000
## 5855 4185100
## 5856 3332500
## 5857 3575900
```

```
## 5858 4666300
## 5859 3992800
## 5860 6508700
## 5861 4264800
## 5862 2897000
## 5863 4185900
## 5864 3432200
## 5865 3931500
## 5866 8161100
## 5867 8781800
## 5868 6094200
## 5869 5188700
## 5870 5330700
## 5871 5094000
## 5872 4529600
## 5873 4021500
## 5874 4512200
## 5875 6449100
## 5876 8892600
## 5877 6117900
## 5878 6948800
## 5879 5652700
## 5880 5529400
## 5881 4615200
## 5882 4224200
## 5883 3495800
## 5884 4896100
## 5885 4971900
## 5886 5613100
## 5887 3775300
## 5888 5086900
## 5889 4309400
## 5890 3174100
## 5891 4907900
## 5892 8364200
## 5893 5744700
## 5894 5812700
## 5895 5223400
## 5896 6474400
## 5897 5223600
## 5898 4509700
## 5899 4592700
## 5900 4212000
## 5901 3466700
## 5902 5901200
## 5903 4291000
## 5904 5588300
## 5905 6596500
## 5906 8386400
## 5907 7257400
```

```
## 5908 4897900
## 5909 6839000
## 5910 5789300
## 5911 4647300
## 5912 7190400
## 5913 6591000
## 5914 4366900
## 5915 4362000
## 5916 3756200
## 5917 3808700
## 5918 3444700
## 5919 2916800
## 5920 3010300
## 5921 3374400
## 5922 4708900
## 5923 3602100
## 5924 3790400
## 5925 2392900
## 5926 4063900
## 5927 4537000
## 5928 3129300
## 5929 2892000
## 5930 2913600
## 5931 2751300
## 5932 3286300
## 5933 4100800
## 5934 3030200
## 5935 3064700
## 5936 4155800
## 5937 3319500
## 5938 4427600
## 5939 3474300
## 5940 5995700
## 5941 3836800
## 5942 2369400
## 5943 2093800
## 5944 1451900
## 5945 5686800
## 5946 4872900
## 5947 3209300
## 5948 2957200
## 5949 4411400
## 5950 2655500
## 5951 4394800
## 5952 3514500
## 5953 3537700
## 5954 3683400
## 5955 3514600
## 5956 3321200
## 5957 3070900
```

```
## 5958 4244000
## 5959 3305100
## 5960 5309800
## 5961 4936100
## 5962 2821900
## 5963 3749800
## 5964 2955200
## 5965 4660200
## 5966 3149200
## 5967 4293600
## 5968 4160200
## 5969 7098600
## 5970 7088800
## 5971 3670700
## 5972 3620800
## 5973 3257400
## 5974 2203500
## 5975 3151600
## 5976 2301400
## 5977 2335300
## 5978 2574700
## 5979 3297500
## 5980 3027400
## 5981 4305200
## 5982 3515700
## 5983 4677200
## 5984 3011300
## 5985 4533800
## 5986 4275900
## 5987 2729100
## 5988 2595800
## 5989 3988700
## 5990 5481600
## 5991 5388600
## 5992 4185000
## 5993 4030000
## 5994 3012500
## 5995 2776400
## 5996 2421900
## 5997 2913600
## 5998 2538800
## 5999 3118600
## 6000 3649600
## 6001 4625400
## 6002 2902200
## 6003 3817300
## 6004 2959000
## 6005 3563500
## 6006 3312900
## 6007 2746000
```

```
## 6008 2337600
## 6009 3093900
## 6010 2940300
## 6011 3334900
## 6012 2537800
## 6013 3346200
## 6014 2812100
## 6015 4341500
## 6016 3281800
## 6017 3315800
## 6018 3145200
## 6019 3233600
## 6020 3186000
## 6021 2725400
## 6022 2623000
## 6023 2211200
## 6024 2580600
## 6025 3192800
## 6026 4880700
## 6027 3827100
## 6028 4631900
## 6029 7682400
## 6030 7009300
## 6031 5875500
## 6032 5439400
## 6033 3711300
## 6034 4447700
## 6035 4710300
## 6036 5838600
## 6037 4619800
## 6038 4936400
## 6039 3350900
## 6040 3325000
## 6041 3723900
## 6042 2828400
## 6043 2679700
## 6044 2633200
## 6045 4104900
## 6046 2422800
## 6047 3261100
## 6048 2384000
## 6049 2561200
## 6050 2329800
## 6051 2430000
## 6052 2014500
## 6053 2398300
## 6054 2249700
## 6055 2215800
## 6056 3416700
## 6057 2455500
```

```
## 6058 3476500
## 6059 2817400
## 6060 2569700
## 6061 2426200
## 6062 4202800
## 6063 5136500
## 6064 5247700
## 6065 3277100
## 6066 3345100
## 6067 2813300
## 6068 3832000
## 6069 3941000
## 6070 2242800
## 6071 2098400
## 6072 2404000
## 6073 2037100
## 6074 3169400
## 6075 6744800
## 6076 5328100
## 6077 5180600
## 6078 3748200
## 6079 2571600
## 6080 3845900
## 6081 3296600
## 6082 3185300
## 6083 4043700
## 6084 3784600
## 6085 3255700
## 6086 2319000
## 6087 3265400
## 6088 2436300
## 6089 2900100
## 6090 4131900
## 6091 2999400
## 6092 5520000
## 6093 9965600
## 6094 3353900
## 6095 4157300
## 6096 2183900
## 6097 2433500
## 6098 2637600
## 6099 2148200
## 6100 2412600
## 6101 2947200
## 6102 2314100
## 6103 2056700
## 6104 3319700
## 6105 3387900
## 6106 2804300
## 6107 3782900
```

```
## 6108 3358400
## 6109 3268100
## 6110 2551800
## 6111 1680300
## 6112 2098800
## 6113 2402400
## 6114 3192200
## 6115 4356400
## 6116 3629900
## 6117 2923700
## 6118 2575700
## 6119 2737900
## 6120 3053400
## 6121 2719200
## 6122 2397300
## 6123 2569000
## 6124 1936900
## 6125 2957500
## 6126 2583600
## 6127 4616600
## 6128 4669100
## 6129 2780900
## 6130 2411400
## 6131 2379400
## 6132 2116200
## 6133 3634500
## 6134 4430800
## 6135 2562300
## 6136 2842400
## 6137 2835600
## 6138 4523100
## 6139 3269200
## 6140 2533000
## 6141 2409100
## 6142 1998200
## 6143 2034200
## 6144 1819600
## 6145 2420100
## 6146 2109500
## 6147 5179900
## 6148 3174100
## 6149 2386100
## 6150 2139800
## 6151 1881400
## 6152 3139100
## 6153 2226000
## 6154 2698300
## 6155 2702200
## 6156 5708700
## 6157 6486100
```

```
## 6158 3608900
## 6159 2627600
## 6160 3397200
## 6161 5353000
## 6162 4997000
## 6163 3074000
## 6164 4294900
## 6165 4027400
## 6166 2264400
## 6167 2689400
## 6168 2929700
## 6169 2217100
## 6170 2560300
## 6171 5703500
## 6172 4936700
## 6173 4842200
## 6174 3690200
## 6175 2328000
## 6176 2991300
## 6177 3265600
## 6178 4001100
## 6179 3745800
## 6180 3236300
## 6181 4035600
## 6182 3443000
## 6183 3320500
## 6184 2262700
## 6185 2303100
## 6186 3034500
## 6187 3108500
## 6188 2798800
## 6189 3789700
## 6190 3043800
## 6191 4277100
## 6192 2868600
## 6193 2797800
## 6194 2751800
## 6195 1839400
## 6196 2934400
## 6197 2731900
## 6198 1787700
## 6199 1879200
## 6200 2391500
## 6201 3176000
## 6202 3536300
## 6203 3215100
## 6204 2597900
## 6205 2330300
## 6206 4389900
## 6207 3140300
```

```
## 6208 2501500
## 6209 2609400
## 6210 2298700
## 6211 3364600
## 6212 2662100
## 6213 3598700
## 6214 8198600
## 6215 7781200
## 6216 4541200
## 6217 4780100
## 6218 3875800
## 6219 3719600
## 6220 3915400
## 6221 2961000
## 6222 4366500
## 6223 11276600
## 6224 12672800
## 6225 5131200
## 6226 3802000
## 6227 3439300
## 6228 3413400
## 6229 3855000
## 6230 4161500
## 6231 2822000
## 6232 2635200
## 6233 3201600
## 6234 3180200
## 6235 3306400
## 6236 3212200
## 6237 5039300
## 6238 3119800
## 6239 2878500
## 6240 2243700
## 6241 2366700
## 6242 3259900
## 6243 3046700
## 6244 4346700
## 6245 4583100
## 6246 4132800
## 6247 6753100
## 6248 3440500
## 6249 3704300
## 6250 3779200
## 6251 4247900
## 6252 3646700
## 6253 5141300
## 6254 3326900
## 6255 3204300
## 6256 2790600
## 6257 2834900
```

```

# Covariance between Open and Close
cov_open_close <- cov(df1$Open, df1$Close);cov_open_close

## [1] 842206.9

# Calculate the five-number summary for each column
summary_df <- sapply(df1[, c("Open", "High", "Low", "Close", "Adj.Close",
"Volume")], fivenum);summary_df

##           Open        High        Low       Close   Adj.Close    Volume
## [1,] 1.40625 1.447917 1.3125 1.395833 1.395833 487200
## [2,] 39.01000 39.799999 38.3600 39.060001 39.060001 3536500
## [3,] 105.93000 110.625000 101.5000 103.625000 103.625000 5424200
## [4,] 596.14001 600.750000 588.3000 593.859985 593.859985 8242900
## [5,] 3744.00000 3773.080078 3696.7900 3731.409912 3731.409912 104329200

var(df1)

## Warning in var(df1): NAs introduced by coercion

##           Date        Open        High        Low       Close
## Date        NA         NA         NA         NA        NA
## Open        NA 842930.1 851978.8 832616.2 842206.9
## High        NA 851978.8 861250.2 841596.9 851390.0
## Low         NA 832616.2 841596.9 822578.8 832057.4
## Close        NA 842206.9 851390.0 832057.4 841784.6
## Adj.Close    NA 842206.9 851390.0 832057.4 841784.6
## Volume       NA -1606171239.1 -1615628038.2 -1594681849.8 -1605148876.2
##                  Adj.Close      Volume
## Date                 NA         NA
## Open        842206.9 -1.606171e+09
## High        851390.0 -1.615628e+09
## Low         832057.4 -1.594682e+09
## Close        841784.6 -1.605149e+09
## Adj.Close    841784.6 -1.605149e+09
## Volume     -1605148876.2 5.053147e+13

# Quartiles
q1_volume <- quantile(df1$Volume, probs = 0.25);q1_volume

##      25%
## 3536500

q2_volume <- quantile(df1$Volume, probs = 0.5);q2_volume

##      50%
## 5424200

q3_volume <- quantile(df1$Volume, probs = 0.75);q3_volume

##      75%
## 8242900

```

```

# Correlation between Open and Close
cor_open_close <- cor(df1$Open, df1$Close);cor_open_close

## [1] 0.9998216

# Function to calculate z-scores
calculate_z_scores <- function(df) {
  # Exclude the Date column and calculate z-scores for the numeric columns
  df_numeric <- df %>% select(-Date)
  df_z_scores <- as.data.frame(scale(df_numeric))

  # Add the Date column back
  df_z_scores <- cbind(Date = df>Date, df_z_scores)

  return(df_z_scores)
}

# Apply the function to your data frame
df_z_scores <- calculate_z_scores(df)

# View the result
print(df_z_scores)

##           Date      Open      High       Low     Close
## 1 1997-05-15 -0.6127444236 -6.129567e-01 -0.6131216099 -0.6134781763
## 2 1997-05-16 -0.6132549821 -6.135179e-01 -0.6133627999 -0.6137279517
## 3 1997-05-19 -0.6134818966 -6.137424e-01 -0.6134546815 -0.6137506594
## 4 1997-05-20 -0.6135159339 -6.137648e-01 -0.6134431959 -0.6138301329
## 5 1997-05-21 -0.6136180456 -6.138771e-01 -0.6137303272 -0.6140572028
## 6 1997-05-22 -0.6138336151 -6.140903e-01 -0.6137992386 -0.6140912632
## 7 1997-05-23 -0.6138676523 -6.140118e-01 -0.6137762685 -0.6139777282
## 8 1997-05-27 -0.6137541945 -6.138771e-01 -0.6136384456 -0.6138869009
## 9 1997-05-28 -0.6136293917 -6.138883e-01 -0.6135580486 -0.6139436679
## 10 1997-05-29 -0.6137201573 -6.139893e-01 -0.6136154744 -0.6139720519
## 11 1997-05-30 -0.6137655406 -6.140230e-01 -0.6136154744 -0.6139777282
## 12 1997-06-02 -0.6137541945 -6.140006e-01 -0.6135925043 -0.6139663744
## 13 1997-06-03 -0.6137315034 -6.140006e-01 -0.6136154744 -0.6140004348
## 14 1997-06-04 -0.6137882317 -6.140454e-01 -0.6137073571 -0.6140685556
## 15 1997-06-05 -0.6138563062 -6.139893e-01 -0.6137303272 -0.6139323140
## 16 1997-06-06 -0.6137485220 -6.138097e-01 -0.6135810187 -0.6138074263
## 17 1997-06-09 -0.6135953544 -6.138097e-01 -0.6134202258 -0.6137733659
## 18 1997-06-10 -0.6135386261 -6.138097e-01 -0.6135580486 -0.6138869009
## 19 1997-06-11 -0.6136634289 -6.139220e-01 -0.6135580486 -0.6139323140
## 20 1997-06-12 -0.6136747750 -6.138771e-01 -0.6135350785 -0.6138641933
## 21 1997-06-13 -0.6136293917 -6.138995e-01 -0.6135006228 -0.6138869009
## 22 1997-06-16 -0.6136520828 -6.139220e-01 -0.6135235929 -0.6138982537
## 23 1997-06-17 -0.6136577564 -6.139276e-01 -0.6135982466 -0.6139720519
## 24 1997-06-18 -0.6137428495 -6.139949e-01 -0.6135925043 -0.6139663744
## 25 1997-06-19 -0.6137541945 -6.140006e-01 -0.6135925043 -0.6139663744
## 26 1997-06-20 -0.6137315034 -6.139781e-01 -0.6135925043 -0.6139493442

```

## 27	1997-06-23	-0.6137201573	-6.139893e-01	-0.6136154744	-0.6139777282
## 28	1997-06-24	-0.6137598681	-6.140062e-01	-0.6136154744	-0.6139663744
## 29	1997-06-25	-0.6137371759	-6.140062e-01	-0.6136039899	-0.6139663744
## 30	1997-06-26	-0.6137428495	-6.140118e-01	-0.6135867621	-0.6139663744
## 31	1997-06-27	-0.6137485220	-6.140174e-01	-0.6136154744	-0.6139890821
## 32	1997-06-30	-0.6137541945	-6.139276e-01	-0.6136154744	-0.6139323140
## 33	1997-07-01	-0.6137201573	-6.139893e-01	-0.6135810187	-0.6139606981
## 34	1997-07-02	-0.6137485220	-6.139332e-01	-0.6135810187	-0.6138812235
## 35	1997-07-03	-0.6136577564	-6.135852e-01	-0.6134891372	-0.6135292669
## 36	1997-07-07	-0.6134024771	-6.134730e-01	-0.6132249771	-0.6134327621
## 37	1997-07-08	-0.6131755615	-6.131363e-01	-0.6129952716	-0.6131035121
## 38	1997-07-09	-0.6128919186	-6.130801e-01	-0.6127425971	-0.6130808045
## 39	1997-07-10	-0.6128578814	-6.128781e-01	-0.6126736856	-0.6128196752
## 40	1997-07-11	-0.6126536580	-6.129342e-01	-0.6128115085	-0.6131148649
## 41	1997-07-14	-0.6128692264	-6.131363e-01	-0.6129148756	-0.6132851668
## 42	1997-07-15	-0.6130734498	-6.129791e-01	-0.6128919044	-0.6129559168
## 43	1997-07-16	-0.6127330775	-6.129623e-01	-0.6127081413	-0.6130694517
## 44	1997-07-17	-0.6128465353	-6.131250e-01	-0.6128689343	-0.6131943394
## 45	1997-07-18	-0.6130167215	-6.132597e-01	-0.6128689343	-0.6132624602
## 46	1997-07-21	-0.6130280676	-6.132822e-01	-0.6128804199	-0.6132340762
## 47	1997-07-22	-0.6130394126	-6.132934e-01	-0.6129723015	-0.6132851668
## 48	1997-07-23	-0.6130167215	-6.131363e-01	-0.6128459642	-0.6131148649
## 49	1997-07-24	-0.6128919186	-6.131587e-01	-0.6128000229	-0.6131489252
## 50	1997-07-25	-0.6129826842	-6.132261e-01	-0.6128000229	-0.6131829856
## 51	1997-07-28	-0.6129713381	-6.130689e-01	-0.6128000229	-0.6130808045
## 52	1997-07-29	-0.6128238442	-6.129567e-01	-0.6126736856	-0.6129105026
## 53	1997-07-30	-0.6126763491	-6.129511e-01	-0.6125703185	-0.6129445629
## 54	1997-07-31	-0.6127444236	-6.130240e-01	-0.6126736856	-0.6130013310
## 55	1997-08-01	-0.6128465353	-6.130465e-01	-0.61276555672	-0.6129786233
## 56	1997-08-04	-0.6128124981	-6.130521e-01	-0.6127081413	-0.6130921583
## 57	1997-08-05	-0.6128578814	-6.131363e-01	-0.6128804199	-0.6132056933
## 58	1997-08-06	-0.6129940303	-6.131587e-01	-0.6128344786	-0.6131602791
## 59	1997-08-07	-0.6129486470	-6.132148e-01	-0.6129033900	-0.6132397536
## 60	1997-08-08	-0.6130394126	-6.131699e-01	-0.6129263601	-0.6131148649
## 61	1997-08-11	-0.6129032637	-6.131363e-01	-0.61276555672	-0.6130751281
## 62	1997-08-12	-0.6129146098	-6.131699e-01	-0.6128229930	-0.6132170460
## 63	1997-08-13	-0.6129713381	-6.132485e-01	-0.6128574487	-0.6132170460
## 64	1997-08-14	-0.6130280676	-6.132261e-01	-0.6129091323	-0.6132624602
## 65	1997-08-15	-0.6130734498	-6.133271e-01	-0.6131101243	-0.6133078744
## 66	1997-08-18	-0.6131642165	-6.134393e-01	-0.6130756686	-0.6133873479
## 67	1997-08-19	-0.6131188332	-6.132710e-01	-0.6129837871	-0.6132511064
## 68	1997-08-20	-0.6130167215	-6.132934e-01	-0.6129608159	-0.6132511064
## 69	1997-08-21	-0.6130734498	-6.133102e-01	-0.6129608159	-0.6133078744
## 70	1997-08-22	-0.6131074871	-6.133608e-01	-0.6129378457	-0.6132965206
## 71	1997-08-25	-0.6131074871	-6.132148e-01	-0.6129263601	-0.6131943394
## 72	1997-08-26	-0.6129599931	-6.131138e-01	-0.6127885373	-0.6130580979
## 73	1997-08-27	-0.6128862450	-6.131475e-01	-0.61276555672	-0.6130864819
## 74	1997-08-28	-0.6128919186	-6.130689e-01	-0.6127311115	-0.6130240375
## 75	1997-08-29	-0.6128238442	-6.130914e-01	-0.6126851701	-0.6130637743
## 76	1997-09-02	-0.6128465353	-6.130914e-01	-0.6126736856	-0.6130467441

## 77	1997-09-03	-0.6128465353	-6.130465e-01	-0.6126966557	-0.6130694517
## 78	1997-09-04	-0.6128238442	-6.129006e-01	-0.6126622000	-0.6128310291
## 79	1997-09-05	-0.6125855835	-6.127771e-01	-0.6125358628	-0.6128877960
## 80	1997-09-08	-0.6126423119	-6.123955e-01	-0.6124899215	-0.6123428299
## 81	1997-09-09	-0.6119785859	-6.120026e-01	-0.6119099166	-0.6120817006
## 82	1997-09-10	-0.6117913811	-6.120643e-01	-0.6118008072	-0.6120135799
## 83	1997-09-11	-0.6117686900	-6.120587e-01	-0.6118926887	-0.6121725280
## 84	1997-09-12	-0.6119275300	-6.116659e-01	-0.6117663514	-0.6115935015
## 85	1997-09-15	-0.6114056254	-6.116883e-01	-0.6118812042	-0.6122406487
## 86	1997-09-16	-0.6119956045	-6.118342e-01	-0.6118065494	-0.6119568118
## 87	1997-09-17	-0.6116325410	-6.118791e-01	-0.6115711028	-0.6119000449
## 88	1997-09-18	-0.6116552321	-6.119128e-01	-0.6116285286	-0.6120249326
## 89	1997-09-19	-0.6117176341	-6.112506e-01	-0.6115251614	-0.6113096646
## 90	1997-09-22	-0.6110425620	-6.106108e-01	-0.6108934730	-0.6107079315
## 91	1997-09-23	-0.6105093123	-6.106444e-01	-0.6103996085	-0.6105716900
## 92	1997-09-24	-0.6103391262	-6.104649e-01	-0.6105144601	-0.6108441730
## 93	1997-09-25	-0.6106681524	-6.109587e-01	-0.6107786213	-0.6111677467
## 94	1997-09-26	-0.6109631414	-6.110598e-01	-0.6107786213	-0.6110712419
## 95	1997-09-29	-0.6108837219	-6.111383e-01	-0.6108819885	-0.6112074834
## 96	1997-09-30	-0.6110425620	-6.109643e-01	-0.6110542670	-0.6108839098
## 97	1997-10-01	-0.6105660407	-6.108016e-01	-0.6109049586	-0.6112301911
## 98	1997-10-02	-0.6109971786	-6.111495e-01	-0.6108475327	-0.6112415438
## 99	1997-10-03	-0.6109517964	-6.112057e-01	-0.6108590173	-0.6112358674
## 100	1997-10-06	-0.6110425620	-6.112057e-01	-0.6108992163	-0.6111166561
## 101	1997-10-07	-0.6109517964	-6.111383e-01	-0.6107901058	-0.6111904532
## 102	1997-10-08	-0.6108837219	-6.111608e-01	-0.6108532750	-0.6112472213
## 103	1997-10-09	-0.6110425620	-6.113179e-01	-0.6111231785	-0.6115253807
## 104	1997-10-10	-0.6113375509	-6.112730e-01	-0.6112035744	-0.6113607551
## 105	1997-10-13	-0.6111219825	-6.112955e-01	-0.6109164442	-0.6112528976
## 106	1997-10-14	-0.6109744875	-6.112281e-01	-0.6110198113	-0.6112756042
## 107	1997-10-15	-0.6110765992	-6.113740e-01	-0.6110887228	-0.6113380486
## 108	1997-10-16	-0.6110652531	-6.113628e-01	-0.6112724858	-0.6116616222
## 109	1997-10-17	-0.6114623549	-6.117108e-01	-0.6113643685	-0.6116616222
## 110	1997-10-20	-0.6113942804	-6.114751e-01	-0.6112035744	-0.6114459061
## 111	1997-10-21	-0.6110879453	-6.108689e-01	-0.6109968401	-0.6107874061
## 112	1997-10-22	-0.6105887318	-6.106725e-01	-0.6104225786	-0.6106852249
## 113	1997-10-23	-0.6107929552	-6.107342e-01	-0.6106293129	-0.6107079315
## 114	1997-10-24	-0.6102256684	-6.101955e-01	-0.6102388144	-0.6101345814
## 115	1997-10-27	-0.6101689400	-6.102516e-01	-0.6105833715	-0.6109577080
## 116	1997-10-28	-0.6111333275	-6.102628e-01	-0.6109738700	-0.6102197323
## 117	1997-10-29	-0.6097945304	-6.097240e-01	-0.6097334643	-0.6097372106
## 118	1997-10-30	-0.6097264560	-6.098812e-01	-0.6096875229	-0.6100267238
## 119	1997-10-31	-0.6095562698	-6.097689e-01	-0.6097679200	-0.6100721381
## 120	1997-11-03	-0.6097151099	-6.100271e-01	-0.6097908901	-0.6100834908
## 121	1997-11-04	-0.6099533705	-6.102067e-01	-0.6099287130	-0.6102083796
## 122	1997-11-05	-0.6099760616	-6.101337e-01	-0.6098712871	-0.6102992069
## 123	1997-11-06	-0.6100441361	-6.103526e-01	-0.6101354472	-0.6105319532
## 124	1997-11-07	-0.6105887318	-6.106501e-01	-0.6104110930	-0.6107306381
## 125	1997-11-10	-0.6104979662	-6.107342e-01	-0.6106063427	-0.6110258288
## 126	1997-11-11	-0.6107759366	-6.110036e-01	-0.6109279287	-0.6113096646

```

## 127 1997-11-12 -0.6112864951 -6.111383e-01 -0.6112035744 -0.6115026741
## 128 1997-11-13 -0.6110992903 -6.113740e-01 -0.6110887228 -0.6114061693
## 129 1997-11-14 -0.6111106364 -6.111159e-01 -0.6110772371 -0.6110712419
## 130 1997-11-17 -0.6107929552 -6.107567e-01 -0.6105948571 -0.6108441730
## 131 1997-11-18 -0.6106341152 -6.108240e-01 -0.6104570343 -0.6107987588
## 132 1997-11-19 -0.6106000779 -6.107791e-01 -0.6104914900 -0.6106965777
## 133 1997-11-20 -0.6104185457 -6.106893e-01 -0.6102732701 -0.6106171042
## 134 1997-11-21 -0.6104412379 -6.107118e-01 -0.6102962413 -0.6107192853
## 135 1997-11-24 -0.6106341152 -6.108914e-01 -0.6105833715 -0.6110031211
## 136 1997-11-25 -0.6107816102 -6.109812e-01 -0.6107901058 -0.6110315051
## 137 1997-11-26 -0.6107816102 -6.108970e-01 -0.6105718870 -0.6109690607
## 138 1997-11-28 -0.6107475730 -6.109812e-01 -0.6107097099 -0.6111166561
## 139 1997-12-01 -0.6107816102 -6.109363e-01 -0.6106867387 -0.6109577080
## 140 1997-12-02 -0.6107589180 -6.110149e-01 -0.6106407985 -0.6109974448
## 141 1997-12-03 -0.6108269924 -6.109363e-01 -0.6106293129 -0.6108555269
## 142 1997-12-04 -0.6106057504 -6.107455e-01 -0.6104110930 -0.6107079315
## 143 1997-12-05 -0.6105660407 -6.107006e-01 -0.6104455487 -0.6106057503
## 144 1997-12-08 -0.6104525829 -6.105098e-01 -0.6102617856 -0.6104808626
## 145 1997-12-09 -0.6103164340 -6.105098e-01 -0.6101699030 -0.6105035692
## 146 1997-12-10 -0.6104072006 -6.106669e-01 -0.6103996085 -0.6106965777
## 147 1997-12-11 -0.6106114240 -6.104424e-01 -0.6103996085 -0.6105035692
## 148 1997-12-12 -0.6103391262 -6.104761e-01 -0.6103881228 -0.6106625173
## 149 1997-12-15 -0.6104072006 -6.106220e-01 -0.6103881228 -0.6106171042
## 150 1997-12-16 -0.6103391262 -6.106444e-01 -0.6103306970 -0.6107533457
## 151 1997-12-17 -0.6106341152 -6.108465e-01 -0.6105546592 -0.6108271428
## 152 1997-12-18 -0.6106568063 -6.108802e-01 -0.6105833715 -0.6109350004
## 153 1997-12-19 -0.6107929552 -6.107791e-01 -0.6106522830 -0.6107079315
## 154 1997-12-22 -0.6104979662 -6.104985e-01 -0.6103594094 -0.6104922154
## 155 1997-12-23 -0.6102937428 -6.105434e-01 -0.6101469328 -0.6105716900
## 156 1997-12-24 -0.6103618173 -6.105771e-01 -0.6103192114 -0.6105943965
## 157 1997-12-26 -0.6104298918 -6.106444e-01 -0.6102962413 -0.6106852249
## 158 1997-12-29 -0.6104072006 -6.104985e-01 -0.6102503000 -0.6104354484
## 159 1997-12-30 -0.6101349028 -6.103638e-01 -0.6099746543 -0.6103275909
## 160 1997-12-31 -0.6100895194 -6.102179e-01 -0.6099057428 -0.6101402588
## 161 1998-01-02 -0.6099533705 -6.102628e-01 -0.6099574264 -0.6102083796
## 162 1998-01-05 -0.6100781733 -6.103302e-01 -0.6100550513 -0.6104354484
## 163 1998-01-06 -0.6102823967 -6.103975e-01 -0.6101009915 -0.6103389437
## 164 1998-01-07 -0.6101349028 -6.104424e-01 -0.6100722792 -0.6104013881
## 165 1998-01-08 -0.6102823967 -6.105827e-01 -0.6102503000 -0.6105830438
## 166 1998-01-09 -0.6103164340 -6.106220e-01 -0.6105833715 -0.6109690607
## 167 1998-01-12 -0.6108610297 -6.109251e-01 -0.6106752542 -0.6109236476
## 168 1998-01-13 -0.6106681524 -6.106220e-01 -0.6104800044 -0.6105489834
## 169 1998-01-14 -0.6103277801 -6.103975e-01 -0.6101469328 -0.6102992069
## 170 1998-01-15 -0.6101802850 -6.102516e-01 -0.6099631687 -0.6102140559
## 171 1998-01-16 -0.6099987538 -6.102853e-01 -0.6099861399 -0.6103900342
## 172 1998-01-20 -0.6101462478 -6.102516e-01 -0.6099401986 -0.6102140559
## 173 1998-01-21 -0.6100214450 -6.100832e-01 -0.6098712871 -0.6100834908
## 174 1998-01-22 -0.6098739499 -6.099710e-01 -0.6097104942 -0.6100153700
## 175 1998-01-23 -0.6095789609 -6.098924e-01 -0.6098023757 -0.6102310861
## 176 1998-01-26 -0.6099760616 -6.102740e-01 -0.6100205956 -0.6103673277

```

```

## 177 1998-01-27 -0.6101519214 -6.104087e-01 -0.6101009915 -0.6104354484
## 178 1998-01-28 -0.6102256684 -6.104424e-01 -0.6101469328 -0.6104127419
## 179 1998-01-29 -0.6101802850 -6.102740e-01 -0.6099746543 -0.6102083796
## 180 1998-01-30 -0.6099533705 -6.101955e-01 -0.6098598015 -0.6102537927
## 181 1998-02-02 -0.6100100989 -6.100383e-01 -0.6098023757 -0.6099472493
## 182 1998-02-03 -0.6097491471 -6.099934e-01 -0.6096300971 -0.6099983398
## 183 1998-02-04 -0.6098852960 -6.100608e-01 -0.6096760384 -0.6100948446
## 184 1998-02-05 -0.6098285677 -6.101393e-01 -0.6098712871 -0.6102310861
## 185 1998-02-06 -0.6100327911 -6.102404e-01 -0.6098712871 -0.6102651465
## 186 1998-02-09 -0.6100441361 -6.103077e-01 -0.6099861399 -0.6103219135
## 187 1998-02-10 -0.6100895194 -6.099205e-01 -0.6099172284 -0.6098337154
## 188 1998-02-11 -0.6096356893 -6.097633e-01 -0.6094233628 -0.6098450681
## 189 1998-02-12 -0.6096583815 -6.099373e-01 -0.6095267300 -0.6098791285
## 190 1998-02-13 -0.6096810726 -6.099710e-01 -0.6095726713 -0.6099586031
## 191 1998-02-17 -0.6097151099 -6.100271e-01 -0.6096530672 -0.6100040173
## 192 1998-02-18 -0.6097945304 -6.101057e-01 -0.6096760384 -0.6100834908
## 193 1998-02-19 -0.6098342402 -6.099485e-01 -0.6096415827 -0.6099131889
## 194 1998-02-20 -0.6097037638 -6.099485e-01 -0.6096071270 -0.6098677758
## 195 1998-02-23 -0.6096356893 -6.098138e-01 -0.6095037599 -0.6097201804
## 196 1998-02-24 -0.6094995404 -6.095332e-01 -0.6093429658 -0.6097201804
## 197 1998-02-25 -0.6094428120 -6.096791e-01 -0.6094463329 -0.6096293531
## 198 1998-02-26 -0.6094484845 -6.090955e-01 -0.6092510843 -0.6090049124
## 199 1998-02-27 -0.6088414879 -6.085006e-01 -0.6086481093 -0.6086188943
## 200 1998-03-02 -0.6085124606 -6.087138e-01 -0.6083552357 -0.6086870151
## 201 1998-03-03 -0.6085464978 -6.088485e-01 -0.6086768227 -0.6090957397
## 202 1998-03-04 -0.6088641790 -6.089832e-01 -0.6088146456 -0.6089424680
## 203 1998-03-05 -0.6088868702 -6.086297e-01 -0.6086997928 -0.6088005501
## 204 1998-03-06 -0.6085351528 -6.087363e-01 -0.6084700884 -0.6086416020
## 205 1998-03-09 -0.6084216950 -6.079506e-01 -0.6081944427 -0.6080285151
## 206 1998-03-10 -0.6076388387 -6.077261e-01 -0.6076316657 -0.6080639946
## 207 1998-03-11 -0.6079565199 -6.082424e-01 -0.6080566198 -0.6083804716
## 208 1998-03-12 -0.6082515088 -6.083659e-01 -0.6081599870 -0.6084826528
## 209 1998-03-13 -0.6081720883 -6.083883e-01 -0.6081025601 -0.6084656226
## 210 1998-03-16 -0.6081777619 -6.083996e-01 -0.6079877084 -0.6084372397
## 211 1998-03-17 -0.6081607433 -6.084445e-01 -0.6080910756 -0.6083577651
## 212 1998-03-18 -0.6082061255 -6.079506e-01 -0.6079647372 -0.6078638895
## 213 1998-03-19 -0.6076501848 -6.077934e-01 -0.6075512686 -0.6079831009
## 214 1998-03-20 -0.6077749876 -6.080292e-01 -0.6076086956 -0.6079831009
## 215 1998-03-23 -0.6078146973 -6.080404e-01 -0.6076431513 -0.6080001311
## 216 1998-03-24 -0.6079111365 -6.078608e-01 -0.6076661214 -0.6079603943
## 217 1998-03-25 -0.6076842220 -6.079506e-01 -0.6078039442 -0.6081931395
## 218 1998-03-26 -0.6079792110 -6.081302e-01 -0.6079417671 -0.6080966358
## 219 1998-03-27 -0.6077522965 -6.078271e-01 -0.6076431513 -0.6078922736
## 220 1998-03-30 -0.6076048014 -6.077934e-01 -0.6074249314 -0.6078127990
## 221 1998-03-31 -0.6076501848 -6.078832e-01 -0.6075512686 -0.6078440212
## 222 1998-04-01 -0.6076615298 -6.075353e-01 -0.6075254274 -0.6074267809
## 223 1998-04-02 -0.6071282802 -6.069628e-01 -0.6069999772 -0.6069783196
## 224 1998-04-03 -0.6066631050 -6.069965e-01 -0.6067702728 -0.6071656517
## 225 1998-04-06 -0.6068446362 -6.071424e-01 -0.6071378001 -0.6075630225
## 226 1998-04-07 -0.6075026897 -6.078159e-01 -0.6074593871 -0.6078014451

```

```

## 227 1998-04-08 -0.6075594181 -6.075914e-01 -0.6073904757 -0.6075630225
## 228 1998-04-09 -0.6070148224 -6.070302e-01 -0.6068276986 -0.6069612894
## 229 1998-04-13 -0.6067879078 -6.070077e-01 -0.6067932429 -0.6070464404
## 230 1998-04-14 -0.6068786734 -6.066822e-01 -0.6066783913 -0.6067853111
## 231 1998-04-15 -0.6065042639 -6.066710e-01 -0.6065635385 -0.6068818148
## 232 1998-04-16 -0.6066744500 -6.067327e-01 -0.6066841335 -0.6066660998
## 233 1998-04-17 -0.6067028147 -6.069179e-01 -0.6065635385 -0.6069953498
## 234 1998-04-20 -0.6067425245 -6.067159e-01 -0.6066324499 -0.6070521167
## 235 1998-04-21 -0.6067538706 -6.070863e-01 -0.6068736399 -0.6071599753
## 236 1998-04-22 -0.6069354029 -6.072434e-01 -0.6072526528 -0.6076879113
## 237 1998-04-23 -0.6075026897 -6.078383e-01 -0.6078498856 -0.6082555839
## 238 1998-04-24 -0.6079565199 -6.077710e-01 -0.6077580029 -0.6079036263
## 239 1998-04-27 -0.6078317159 -6.080516e-01 -0.6081599870 -0.6080966358
## 240 1998-04-28 -0.6069694401 -6.067159e-01 -0.6070631464 -0.6069272290
## 241 1998-04-29 -0.6065723383 -6.067945e-01 -0.6066439355 -0.6069385828
## 242 1998-04-30 -0.6065496472 -6.068506e-01 -0.6069310658 -0.6072791867
## 243 1998-05-01 -0.6069807851 -6.071088e-01 -0.6069310658 -0.6070294102
## 244 1998-05-04 -0.6067765617 -6.070414e-01 -0.6066669057 -0.6069612894
## 245 1998-05-05 -0.6068673284 -6.070751e-01 -0.6066898758 -0.6071003691
## 246 1998-05-06 -0.6068673284 -6.072098e-01 -0.6069655215 -0.6074040744
## 247 1998-05-07 -0.6071396263 -6.072996e-01 -0.6071378001 -0.6073473074
## 248 1998-05-08 -0.6071169341 -6.073220e-01 -0.6070229484 -0.6072224186
## 249 1998-05-11 -0.6069637665 -6.072996e-01 -0.6072985941 -0.6077219716
## 250 1998-05-12 -0.6074346153 -6.073950e-01 -0.6072871085 -0.6073132470
## 251 1998-05-13 -0.6071850085 -6.072098e-01 -0.6069999772 -0.6071770055
## 252 1998-05-14 -0.6070488596 -6.071537e-01 -0.6068851255 -0.6072962169
## 253 1998-05-15 -0.6070602057 -6.073445e-01 -0.6070229484 -0.6074721951
## 254 1998-05-18 -0.6072303919 -6.075128e-01 -0.6072756229 -0.6076141130
## 255 1998-05-19 -0.6072644291 -6.075128e-01 -0.6070459185 -0.6074040744
## 256 1998-05-20 -0.6071963546 -6.074343e-01 -0.6071378001 -0.6075630225
## 257 1998-05-21 -0.6072757752 -6.075690e-01 -0.6072239393 -0.6075516697
## 258 1998-05-22 -0.6073778869 -6.076924e-01 -0.6073904757 -0.6078014451
## 259 1998-05-26 -0.6075877828 -6.078496e-01 -0.6078154298 -0.6081761093
## 260 1998-05-27 -0.6081040138 -6.078047e-01 -0.6079187970 -0.6077446782
## 261 1998-05-28 -0.6074799986 -6.077710e-01 -0.6074134458 -0.6078071226
## 262 1998-05-29 -0.6076048014 -6.076588e-01 -0.6073904757 -0.6076084367
## 263 1998-06-01 -0.6074119241 -6.077036e-01 -0.6075914677 -0.6078355055
## 264 1998-06-02 -0.6074799986 -6.076588e-01 -0.6076201801 -0.6076765574
## 265 1998-06-03 -0.6072530830 -6.075241e-01 -0.6075282985 -0.6079376867
## 266 1998-06-04 -0.6076048014 -6.077598e-01 -0.6076661214 -0.6076424970
## 267 1998-06-05 -0.6074573064 -6.076812e-01 -0.6073215642 -0.6075743763
## 268 1998-06-08 -0.6074459614 -6.073332e-01 -0.6072526528 -0.6072110659
## 269 1998-06-09 -0.6069694401 -6.063343e-01 -0.6067473027 -0.6063027883
## 270 1998-06-10 -0.6060277426 -6.055486e-01 -0.6058744242 -0.6057805298
## 271 1998-06-11 -0.6053696901 -6.044037e-01 -0.6051393686 -0.6042591653
## 272 1998-06-12 -0.6038720519 -6.042465e-01 -0.6045421369 -0.6045316484
## 273 1998-06-15 -0.6045981788 -6.033486e-01 -0.6043813429 -0.6036687861
## 274 1998-06-16 -0.6032820728 -6.024057e-01 -0.6030260855 -0.6022382500
## 275 1998-06-17 -0.6016255945 -6.010700e-01 -0.6013951813 -0.6012618516
## 276 1998-06-18 -0.6006952431 -6.008343e-01 -0.6020613255 -0.6025107331

```

```

## 277 1998-06-19 -0.6024992165 -6.019567e-01 -0.6027504398 -0.6018408782
## 278 1998-06-22 -0.6018298179 -6.008567e-01 -0.6019694428 -0.6008304205
## 279 1998-06-23 -0.6006838970 -5.989935e-01 -0.6004533914 -0.5987754437
## 280 1998-06-24 -0.5981537968 -5.975568e-01 -0.5988684285 -0.5974811481
## 281 1998-06-25 -0.5972461354 -5.968384e-01 -0.5976050527 -0.5976173896
## 282 1998-06-26 -0.5976999666 -5.976466e-01 -0.5980185212 -0.5984916079
## 283 1998-06-29 -0.5981991790 -5.977588e-01 -0.5978347571 -0.5976741598
## 284 1998-06-30 -0.5976432393 -5.974221e-01 -0.5974672298 -0.5974925030
## 285 1998-07-01 -0.5969171103 -5.950874e-01 -0.5967321731 -0.5948812084
## 286 1998-07-02 -0.5943870078 -5.931119e-01 -0.5945729498 -0.5930873587
## 287 1998-07-06 -0.5922766994 -5.903731e-01 -0.5921840187 -0.5902717018
## 288 1998-07-07 -0.5894402662 -5.898344e-01 -0.5930109559 -0.5934279625
## 289 1998-07-08 -0.5950904469 -5.942792e-01 -0.5964335584 -0.5961527931
## 290 1998-07-09 -0.5953173603 -5.947282e-01 -0.5959511783 -0.5964479860
## 291 1998-07-10 -0.5967015397 -5.966364e-01 -0.5972145531 -0.5975379183
## 292 1998-07-13 -0.5978815000 -5.962547e-01 -0.5979266397 -0.5960619669
## 293 1998-07-14 -0.5957031171 -5.948629e-01 -0.5955836522 -0.5947222571
## 294 1998-07-15 -0.5943416277 -5.945711e-01 -0.5950782988 -0.5951763970
## 295 1998-07-16 -0.5948068018 -5.949976e-01 -0.5953080065 -0.5950174500
## 296 1998-07-17 -0.5949996780 -5.940099e-01 -0.5946878036 -0.5938480420
## 297 1998-07-20 -0.5934112753 -5.904854e-01 -0.5932406636 -0.5906350111
## 298 1998-07-21 -0.5904840732 -5.892507e-01 -0.5917246121 -0.5916227622
## 299 1998-07-22 -0.5910740534 -5.905303e-01 -0.5912652011 -0.5912708079
## 300 1998-07-23 -0.5918001781 -5.907772e-01 -0.5919083730 -0.5924288609
## 301 1998-07-24 -0.5919363270 -5.920344e-01 -0.5937460126 -0.5930419478
## 302 1998-07-27 -0.5937743376 -5.927752e-01 -0.5939986893 -0.5928035251
## 303 1998-07-28 -0.5928099523 -5.930221e-01 -0.5935622473 -0.5940069890
## 304 1998-07-29 -0.5935247342 -5.938303e-01 -0.5954917673 -0.5960279065
## 305 1998-07-30 -0.5951131369 -5.949976e-01 -0.5958592979 -0.5949493292
## 306 1998-07-31 -0.5946139256 -5.949752e-01 -0.5951931526 -0.5954715855
## 307 1998-08-03 -0.5954761993 -5.956262e-01 -0.5955377098 -0.5959484308
## 308 1998-08-04 -0.5954081248 -5.951547e-01 -0.5953769179 -0.5956532423
## 309 1998-08-05 -0.5949202607 -5.953343e-01 -0.5968699959 -0.5963230951
## 310 1998-08-06 -0.5964519362 -5.954466e-01 -0.5963072222 -0.5957213631
## 311 1998-08-07 -0.5952039014 -5.943017e-01 -0.5951472102 -0.5945406046
## 312 1998-08-10 -0.5941600944 -5.937629e-01 -0.5941135388 -0.5935187931
## 313 1998-08-11 -0.5944323922 -5.928650e-01 -0.5940676007 -0.5930873587
## 314 1998-08-12 -0.5923901583 -5.920344e-01 -0.5924481821 -0.5919293057
## 315 1998-08-13 -0.5916867236 -5.914058e-01 -0.5919083730 -0.5924515663
## 316 1998-08-14 -0.5916753764 -5.921690e-01 -0.5931487787 -0.5933144308
## 317 1998-08-17 -0.5934793497 -5.935272e-01 -0.5934703669 -0.5938707475
## 318 1998-08-18 -0.5933999281 -5.924609e-01 -0.5933555130 -0.5922358491
## 319 1998-08-19 -0.5915732647 -5.916303e-01 -0.5919083730 -0.5922244986
## 320 1998-08-20 -0.5924809228 -5.923486e-01 -0.5921840187 -0.5921563778
## 321 1998-08-21 -0.5922993938 -5.922532e-01 -0.5925974873 -0.5920541967
## 322 1998-08-24 -0.5917547980 -5.914058e-01 -0.5913341126 -0.5911345663
## 323 1998-08-25 -0.5904500360 -5.909568e-01 -0.5912192587 -0.5917022379
## 324 1998-08-26 -0.5918455625 -5.922588e-01 -0.5919428287 -0.5924969816
## 325 1998-08-27 -0.5928212951 -5.932017e-01 -0.5933784864 -0.5939956385
## 326 1998-08-28 -0.5936608831 -5.939425e-01 -0.5962727665 -0.5963770249

```

```

## 327 1998-08-31 -0.5962590556 -5.963221e-01 -0.5999710114 -0.6003989893
## 328 1998-09-01 -0.6015802112 -6.000935e-01 -0.6033017312 -0.6010887116
## 329 1998-09-02 -0.6003094875 -5.984098e-01 -0.6001777457 -0.5996496609
## 330 1998-09-03 -0.6002187219 -5.994425e-01 -0.6004074512 -0.6000129713
## 331 1998-09-04 -0.5996627800 -5.994874e-01 -0.6001777457 -0.5999448505
## 332 1998-09-08 -0.5983353279 -5.986343e-01 -0.5987076355 -0.5988549183
## 333 1998-09-09 -0.5991522215 -5.990608e-01 -0.5999250712 -0.6002627478
## 334 1998-09-10 -0.6009902321 -6.011935e-01 -0.6014181514 -0.6011483178
## 335 1998-09-11 -0.6011717644 -6.011261e-01 -0.6017397384 -0.6017954650
## 336 1998-09-14 -0.6008087009 -6.011935e-01 -0.6017397384 -0.6022268962
## 337 1998-09-15 -0.6025445998 -6.022261e-01 -0.6023140000 -0.6023517839
## 338 1998-09-16 -0.6019205835 -6.002170e-01 -0.6021072657 -0.6002627478
## 339 1998-09-17 -0.6007973548 -6.006547e-01 -0.6011884470 -0.6016251631
## 340 1998-09-18 -0.6012852222 -6.010700e-01 -0.6009702271 -0.6011369639
## 341 1998-09-21 -0.6016029023 -6.000486e-01 -0.6012803285 -0.6000810921
## 342 1998-09-22 -0.5993791371 -5.992180e-01 -0.5991440742 -0.5995928929
## 343 1998-09-23 -0.5989139609 -5.967037e-01 -0.5987076355 -0.5965161068
## 344 1998-09-24 -0.5959527205 -5.946609e-01 -0.5965943502 -0.5970610729
## 345 1998-09-25 -0.5975184333 -5.957833e-01 -0.5971456417 -0.5957667784
## 346 1998-09-28 -0.5942735533 -5.940996e-01 -0.5946878036 -0.5946087254
## 347 1998-09-29 -0.5941147100 -5.941782e-01 -0.5947567150 -0.5950628609
## 348 1998-09-30 -0.5951585213 -5.949078e-01 -0.5952505773 -0.5953353440
## 349 1998-10-01 -0.5957938816 -5.957160e-01 -0.5968699959 -0.5969702423
## 350 1998-10-02 -0.5962817500 -5.955588e-01 -0.5966862351 -0.5955851216
## 351 1998-10-05 -0.5956350426 -5.957160e-01 -0.5966862351 -0.5965927410
## 352 1998-10-06 -0.5951585213 -5.954915e-01 -0.5961349436 -0.5959370803
## 353 1998-10-07 -0.5967696141 -5.968384e-01 -0.5984779311 -0.5986392022
## 354 1998-10-08 -0.6003548708 -5.998466e-01 -0.6005452740 -0.5999562044
## 355 1998-10-09 -0.5990160726 -5.991506e-01 -0.5998561597 -0.5990479268
## 356 1998-10-12 -0.5977680411 -5.975119e-01 -0.5981563441 -0.5986846164
## 357 1998-10-13 -0.5987324297 -5.985221e-01 -0.5985927828 -0.5990138664
## 358 1998-10-14 -0.5988685786 -5.981180e-01 -0.5987535769 -0.5986278494
## 359 1998-10-15 -0.5982899457 -5.980731e-01 -0.5982482256 -0.5979807033
## 360 1998-10-16 -0.5974957432 -5.973435e-01 -0.5974212874 -0.5975492688
## 361 1998-10-19 -0.5974276688 -5.964568e-01 -0.5970537612 -0.5964025707
## 362 1998-10-20 -0.5956577326 -5.954466e-01 -0.5956525636 -0.5962209139
## 363 1998-10-21 -0.5955329309 -5.958507e-01 -0.5958363245 -0.5956305368
## 364 1998-10-22 -0.5958619560 -5.944813e-01 -0.5955147408 -0.5947790273
## 365 1998-10-23 -0.5946139256 -5.944027e-01 -0.5942743350 -0.5945178948
## 366 1998-10-26 -0.5937743376 -5.937629e-01 -0.5937919550 -0.5935528535
## 367 1998-10-27 -0.5928666795 -5.930221e-01 -0.5939182912 -0.5944838344
## 368 1998-10-28 -0.5941714416 -5.941894e-01 -0.5942513616 -0.5943475929
## 369 1998-10-29 -0.5933772380 -5.927976e-01 -0.5933784864 -0.5926332232
## 370 1998-10-30 -0.5924128483 -5.923374e-01 -0.5923448150 -0.5926445737
## 371 1998-11-02 -0.5921405504 -5.920456e-01 -0.5923677840 -0.5918157740
## 372 1998-11-03 -0.5915959547 -5.917537e-01 -0.5921380807 -0.5927126945
## 373 1998-11-04 -0.5915505746 -5.919446e-01 -0.5919772844 -0.5920314868
## 374 1998-11-05 -0.5922199721 -5.922813e-01 -0.5920461959 -0.5922699095
## 375 1998-11-06 -0.5925263072 -5.926180e-01 -0.5924596644 -0.5929851775
## 376 1998-11-09 -0.5932751263 -5.927639e-01 -0.5930568983 -0.5925651024

```

```

## 377 1998-11-10 -0.5921178604 -5.905078e-01 -0.5917016387 -0.5916795324
## 378 1998-11-11 -0.5911421278 -5.915405e-01 -0.5922299611 -0.5926105133
## 379 1998-11-12 -0.5926170717 -5.917874e-01 -0.5922759036 -0.5918157740
## 380 1998-11-13 -0.5914484629 -5.916752e-01 -0.5921438219 -0.5924061510
## 381 1998-11-16 -0.5920724760 -5.923262e-01 -0.5925515493 -0.5926786341
## 382 1998-11-17 -0.5919136370 -5.879487e-01 -0.5916327273 -0.5886368035
## 383 1998-11-18 -0.5878745535 -5.850079e-01 -0.5874061611 -0.5858211466
## 384 1998-11-19 -0.5843573713 -5.841324e-01 -0.5871305154 -0.5877739390
## 385 1998-11-20 -0.5836312422 -5.830099e-01 -0.5849253496 -0.5828011231
## 386 1998-11-23 -0.5807494246 -5.764100e-01 -0.5810548228 -0.5760117564
## 387 1998-11-24 -0.5747361815 -5.737834e-01 -0.5775747956 -0.5766475487
## 388 1998-11-25 -0.5760976709 -5.755120e-01 -0.5775747956 -0.5774082321
## 389 1998-11-27 -0.5759615219 -5.764997e-01 -0.5761046866 -0.5762615296
## 390 1998-11-30 -0.5755303807 -5.760957e-01 -0.5800096691 -0.5807347947
## 391 1998-12-01 -0.5817251571 -5.779814e-01 -0.5818013663 -0.5775558242
## 392 1998-12-02 -0.5778335697 -5.783855e-01 -0.5789415419 -0.5793723794
## 393 1998-12-03 -0.5792517863 -5.789242e-01 -0.5812500748 -0.5811889346
## 394 1998-12-04 -0.5799098410 -5.802712e-01 -0.5817094814 -0.5813705870
## 395 1998-12-07 -0.5803636678 -5.808099e-01 -0.5812271014 -0.5809164515
## 396 1998-12-08 -0.5809763380 -5.786773e-01 -0.5806068985 -0.5785435753
## 397 1998-12-09 -0.5781172104 -5.753661e-01 -0.5781260871 -0.5763296504
## 398 1998-12-10 -0.5758934475 -5.754222e-01 -0.5767248895 -0.5768973263
## 399 1998-12-11 -0.5772662796 -5.754222e-01 -0.5766559781 -0.5751034766
## 400 1998-12-14 -0.5752580829 -5.743447e-01 -0.5751858690 -0.5752397181
## 401 1998-12-15 -0.5741915858 -5.720100e-01 -0.5738076404 -0.5715157859
## 402 1998-12-16 -0.5683598718 -5.614590e-01 -0.5676515498 -0.5631142219
## 403 1998-12-17 -0.5674749037 -5.632998e-01 -0.5673644218 -0.5653395017
## 404 1998-12-18 -0.5640257960 -5.637488e-01 -0.5641830093 -0.5635343014
## 405 1998-12-21 -0.5603043947 -5.578672e-01 -0.5601172349 -0.5577099759
## 406 1998-12-22 -0.5560497406 -5.565652e-01 -0.5585322721 -0.5570514737
## 407 1998-12-23 -0.5558568601 -5.563856e-01 -0.5566027520 -0.5565746284
## 408 1998-12-24 -0.5569006714 -5.569244e-01 -0.5566257210 -0.5566086888
## 409 1998-12-28 -0.5553122643 -5.506611e-01 -0.5555231382 -0.5516812882
## 410 1998-12-29 -0.5518631610 -5.527713e-01 -0.5548799663 -0.5552462734
## 411 1998-12-30 -0.5549492020 -5.540060e-01 -0.5594051516 -0.5572558360
## 412 1998-12-31 -0.5578083295 -5.562060e-01 -0.5571540435 -0.5572558360
## 413 1999-01-04 -0.5559135917 -5.517162e-01 -0.5564649292 -0.5511363220
## 414 1999-01-05 -0.5557320583 -5.457448e-01 -0.5565338406 -0.5477643442
## 415 1999-01-06 -0.5411300854 -5.400204e-01 -0.5413733261 -0.5404073015
## 416 1999-01-07 -0.5407216386 -5.293123e-01 -0.5419246175 -0.5290311336
## 417 1999-01-08 -0.5150575649 -5.083675e-01 -0.5314500802 -0.5282818052
## 418 1999-01-11 -0.5151937138 -5.159776e-01 -0.5228361515 -0.5149982559
## 419 1999-01-12 -0.5170997989 -5.175940e-01 -0.5275910402 -0.5265787861
## 420 1999-01-13 -0.5473248618 -5.275613e-01 -0.5463349490 -0.5349576402
## 421 1999-01-14 -0.5337099686 -5.298510e-01 -0.5402707432 -0.5404073015
## 422 1999-01-15 -0.5391559259 -5.348010e-01 -0.5393748946 -0.5391130069
## 423 1999-01-19 -0.5334376707 -5.345653e-01 -0.5401329204 -0.5394195504
## 424 1999-01-20 -0.5418448673 -5.418387e-01 -0.5547421434 -0.5540314546
## 425 1999-01-21 -0.5584890742 -5.561835e-01 -0.5642174650 -0.5578462175
## 426 1999-01-22 -0.5612120528 -5.478326e-01 -0.5608063492 -0.5485817933

```

```

## 427 1999-01-25 -0.5492309468 -5.491795e-01 -0.5546043206 -0.5543720584
## 428 1999-01-26 -0.5540642339 -5.503244e-01 -0.5542597634 -0.5528904318
## 429 1999-01-27 -0.5423554258 -5.403571e-01 -0.5490914062 -0.5471512573
## 430 1999-01-28 -0.5465420054 -5.462836e-01 -0.5489535833 -0.5486499141
## 431 1999-01-29 -0.5491628724 -5.501223e-01 -0.5518478634 -0.5518856505
## 432 1999-02-01 -0.5512731808 -5.497519e-01 -0.5518478634 -0.5524646770
## 433 1999-02-02 -0.5520219999 -5.529172e-01 -0.5554312577 -0.5555301114
## 434 1999-02-03 -0.5560383934 -5.477652e-01 -0.5554312577 -0.5470831365
## 435 1999-02-04 -0.5471887128 -5.473611e-01 -0.5511587491 -0.5513066240
## 436 1999-02-05 -0.5516816276 -5.494489e-01 -0.5533294591 -0.5524646770
## 437 1999-02-08 -0.5531111914 -5.536244e-01 -0.5569473092 -0.5561431983
## 438 1999-02-09 -0.5566170264 -5.574631e-01 -0.5601516907 -0.5611160142
## 439 1999-02-10 -0.5618927975 -5.599549e-01 -0.5628736921 -0.5625124899
## 440 1999-02-11 -0.5606674571 -5.562846e-01 -0.5603928807 -0.5557344737
## 441 1999-02-12 -0.5565829892 -5.564529e-01 -0.5581188035 -0.5586636666
## 442 1999-02-16 -0.5571956593 -5.571937e-01 -0.5617711093 -0.5618653426
## 443 1999-02-17 -0.5617906858 -5.606621e-01 -0.5642519207 -0.5646582940
## 444 1999-02-18 -0.5628458400 -5.636590e-01 -0.5688000751 -0.5668381585
## 445 1999-02-19 -0.5640031059 -5.604264e-01 -0.5650788579 -0.5600942027
## 446 1999-02-22 -0.5599867125 -5.565876e-01 -0.5612198178 -0.5575737344
## 447 1999-02-23 -0.5554257232 -5.526142e-01 -0.5548799663 -0.5528393412
## 448 1999-02-24 -0.5513412553 -5.498193e-01 -0.5544664977 -0.5551554472
## 449 1999-02-25 -0.5518858510 -5.479673e-01 -0.5520545977 -0.5474918611
## 450 1999-02-26 -0.5463718193 -5.456101e-01 -0.5485401148 -0.5457888420
## 451 1999-03-01 -0.5462356703 -5.423438e-01 -0.5468862405 -0.5431321321
## 452 1999-03-02 -0.5421852396 -5.425122e-01 -0.5485056591 -0.5495014237
## 453 1999-03-03 -0.5480056064 -5.469571e-01 -0.5489535833 -0.5483093103
## 454 1999-03-04 -0.5470525639 -5.472264e-01 -0.5513654834 -0.5501485709
## 455 1999-03-05 -0.5479034947 -5.485734e-01 -0.5499872548 -0.5493992425
## 456 1999-03-08 -0.5492649841 -5.475295e-01 -0.5495048748 -0.5490245783
## 457 1999-03-09 -0.5472567873 -5.438591e-01 -0.5471963419 -0.5448010909
## 458 1999-03-10 -0.5409258620 -5.407949e-01 -0.5413733261 -0.5408841468
## 459 1999-03-11 -0.5392920748 -5.387408e-01 -0.5430272004 -0.5421103206
## 460 1999-03-12 -0.5424235002 -5.427142e-01 -0.5443365176 -0.5429618302
## 461 1999-03-15 -0.5429680960 -5.407612e-01 -0.5430272004 -0.5398963957
## 462 1999-03-16 -0.5397005216 -5.400204e-01 -0.5420624404 -0.5426893471
## 463 1999-03-17 -0.5438871012 -5.437244e-01 -0.5445432519 -0.5442220643
## 464 1999-03-18 -0.5430361704 -5.402224e-01 -0.5422691747 -0.5401688788
## 465 1999-03-19 -0.5381348089 -5.385724e-01 -0.5408220347 -0.5420081395
## 466 1999-03-22 -0.5428659843 -5.421081e-01 -0.5433028461 -0.5436770982
## 467 1999-03-23 -0.5453507023 -5.456775e-01 -0.5501939891 -0.5505572955
## 468 1999-03-24 -0.5515795159 -5.488428e-01 -0.5523991548 -0.5482071291
## 469 1999-03-25 -0.5451805161 -5.402224e-01 -0.5445777076 -0.5393854900
## 470 1999-03-26 -0.5391559259 -5.360469e-01 -0.5395127175 -0.5398282750
## 471 1999-03-29 -0.5337099686 -5.340265e-01 -0.5336552460 -0.5340720703
## 472 1999-03-30 -0.5326207771 -5.243286e-01 -0.5317084981 -0.5258635180
## 473 1999-03-31 -0.5221373094 -5.197491e-01 -0.5242143801 -0.5217762721
## 474 1999-04-01 -0.5177124691 -5.186042e-01 -0.5229050630 -0.5224234194
## 475 1999-04-05 -0.5213884902 -5.146307e-01 -0.5205620743 -0.5139764445
## 476 1999-04-06 -0.5149214160 -5.101858e-01 -0.5162895657 -0.5159519467

```

```

## 477 1999-04-07 -0.5137641500 -5.147317e-01 -0.5208377201 -0.5198007699
## 478 1999-04-08 -0.5201971871 -5.164491e-01 -0.5237320001 -0.5180636904
## 479 1999-04-09 -0.5183932137 -5.154389e-01 -0.5183569086 -0.5159519467
## 480 1999-04-12 -0.5194824052 -5.142266e-01 -0.5182190857 -0.5151004371
## 481 1999-04-13 -0.5136960756 -5.122062e-01 -0.5169786800 -0.5184042942
## 482 1999-04-14 -0.5162829053 -5.162470e-01 -0.5233874430 -0.5240583178
## 483 1999-04-15 -0.5250645114 -5.237898e-01 -0.5320013717 -0.5244670423
## 484 1999-04-16 -0.5152617883 -5.124756e-01 -0.5156349071 -0.5120690630
## 485 1999-04-19 -0.5124707352 -5.138226e-01 -0.5297962059 -0.5289970733
## 486 1999-04-20 -0.5297276123 -5.217358e-01 -0.5306231431 -0.5218784533
## 487 1999-04-21 -0.5215246392 -5.175940e-01 -0.5220781258 -0.5179274489
## 488 1999-04-22 -0.5150235277 -5.127450e-01 -0.5171509586 -0.5120350026
## 489 1999-04-23 -0.5103604267 -4.990063e-01 -0.5095362456 -0.5011016198
## 490 1999-04-26 -0.5015788206 -4.993431e-01 -0.5027829255 -0.5027024578
## 491 1999-04-27 -0.4972220548 -4.964472e-01 -0.5038855084 -0.5034177258
## 492 1999-04-28 -0.5064801822 -5.068185e-01 -0.5147046028 -0.5101616816
## 493 1999-04-29 -0.5214906019 -5.177287e-01 -0.5242832915 -0.5239220762
## 494 1999-04-30 -0.5190058839 -5.186715e-01 -0.5242832915 -0.5218443929
## 495 1999-05-03 -0.5245199157 -5.256419e-01 -0.5324837517 -0.5333568022
## 496 1999-05-04 -0.5322804048 -5.291776e-01 -0.5377899318 -0.5376824709
## 497 1999-05-05 -0.5370456174 -5.357775e-01 -0.5414422375 -0.5357750894
## 498 1999-05-06 -0.5347991600 -5.342959e-01 -0.5404085661 -0.5407479053
## 499 1999-05-07 -0.5387474791 -5.380673e-01 -0.5430272004 -0.5412928714
## 500 1999-05-10 -0.5409939364 -5.364510e-01 -0.5413733261 -0.5355707271
## 501 1999-05-11 -0.5333355590 -5.327469e-01 -0.5358604117 -0.5347532779
## 502 1999-05-12 -0.5347651228 -5.355755e-01 -0.5372386403 -0.5377165312
## 503 1999-05-13 -0.5367733195 -5.359796e-01 -0.5402707432 -0.5414972337
## 504 1999-05-14 -0.5429000215 -5.430510e-01 -0.5436818590 -0.5434727359
## 505 1999-05-17 -0.5446018831 -5.413000e-01 -0.5482644691 -0.5406116638
## 506 1999-05-18 -0.5410960481 -5.415693e-01 -0.5430616561 -0.5433364944
## 507 1999-05-19 -0.5424575375 -5.404244e-01 -0.5416489718 -0.5395557919
## 508 1999-05-20 -0.5409258620 -5.413000e-01 -0.5433028461 -0.5443242455
## 509 1999-05-21 -0.5441934363 -5.445326e-01 -0.5459214804 -0.5455504193
## 510 1999-05-24 -0.5453507023 -5.459469e-01 -0.5512965720 -0.5515791070
## 511 1999-05-25 -0.5515454787 -5.503917e-01 -0.5538462949 -0.5548148434
## 512 1999-05-26 -0.5537578988 -5.499877e-01 -0.5576364235 -0.5497057860
## 513 1999-05-27 -0.5502520638 -5.506948e-01 -0.5523991548 -0.5531799450
## 514 1999-05-28 -0.5524304467 -5.507958e-01 -0.5535017377 -0.5508978994
## 515 1999-06-01 -0.5546769041 -5.544999e-01 -0.5573693911 -0.5579483986
## 516 1999-06-02 -0.5583529253 -5.536917e-01 -0.5617021978 -0.5545082999
## 517 1999-06-03 -0.5533494520 -5.539611e-01 -0.5576364235 -0.5583571232
## 518 1999-06-04 -0.5578764040 -5.563856e-01 -0.5592213864 -0.5565178625
## 519 1999-06-07 -0.5562766541 -5.510652e-01 -0.5557069035 -0.5516472278
## 520 1999-06-08 -0.5500478404 -5.502570e-01 -0.5543975863 -0.5548148434
## 521 1999-06-09 -0.5533494520 -5.539611e-01 -0.5547421434 -0.5534864885
## 522 1999-06-10 -0.5544726807 -5.520081e-01 -0.5545354091 -0.5524306166
## 523 1999-06-11 -0.5527027446 -5.526142e-01 -0.5574986006 -0.5579483986
## 524 1999-06-14 -0.5587954093 -5.593488e-01 -0.5657679722 -0.5654757432
## 525 1999-06-15 -0.5651603719 -5.619080e-01 -0.5652855922 -0.5630233956
## 526 1999-06-16 -0.5602249731 -5.547693e-01 -0.5595659435 -0.5547467226

```

```

## 527 1999-06-17 -0.5546088296 -5.514693e-01 -0.5548110549 -0.5540655150
## 528 1999-06-18 -0.5544386435 -5.539611e-01 -0.5548799663 -0.5549510849
## 529 1999-06-21 -0.5535536754 -5.490785e-01 -0.5536395606 -0.5483093103
## 530 1999-06-22 -0.5483119415 -5.458795e-01 -0.5510209262 -0.5515791070
## 531 1999-06-23 -0.55246444840 -5.502907e-01 -0.5534328263 -0.5514428655
## 532 1999-06-24 -0.5510689574 -5.516376e-01 -0.5529504463 -0.5536908508
## 533 1999-06-25 -0.5519879627 -5.523448e-01 -0.5556379920 -0.5555641718
## 534 1999-06-28 -0.5549492020 -5.553754e-01 -0.5587734621 -0.5552916887
## 535 1999-06-29 -0.5553576488 -5.519407e-01 -0.5552934349 -0.5523624958
## 536 1999-06-30 -0.5519539255 -5.460142e-01 -0.5518478634 -0.5474237403
## 537 1999-07-01 -0.5471887128 -5.474958e-01 -0.5501939891 -0.5489223972
## 538 1999-07-02 -0.5482779043 -5.477652e-01 -0.5486779376 -0.5480027668
## 539 1999-07-06 -0.5456910746 -5.438254e-01 -0.5460593033 -0.5464700496
## 540 1999-07-07 -0.5467121916 -5.469571e-01 -0.5490914062 -0.5491948802
## 541 1999-07-08 -0.54698444894 -5.469571e-01 -0.5483678362 -0.5472874988
## 542 1999-07-09 -0.5467121916 -5.468224e-01 -0.5468517847 -0.5472193780
## 543 1999-07-12 -0.5473248618 -5.480346e-01 -0.5512965720 -0.5516472278
## 544 1999-07-13 -0.5520900744 -5.471254e-01 -0.5518478634 -0.5468787742
## 545 1999-07-14 -0.5460314469 -5.429163e-01 -0.5458870247 -0.5420421999
## 546 1999-07-15 -0.5418789045 -5.394142e-01 -0.5417178832 -0.5395557919
## 547 1999-07-16 -0.5398366705 -5.388755e-01 -0.5402018318 -0.5406116638
## 548 1999-07-19 -0.5413343088 -5.420408e-01 -0.5427515547 -0.5438474001
## 549 1999-07-20 -0.5450784044 -5.459469e-01 -0.5490569505 -0.5501485709
## 550 1999-07-21 -0.5495032447 -5.465530e-01 -0.5489535833 -0.5472534384
## 551 1999-07-22 -0.5519879627 -5.525468e-01 -0.5574986006 -0.5574034325
## 552 1999-07-23 -0.5555959094 -5.538264e-01 -0.5583599935 -0.5531799450
## 553 1999-07-26 -0.5552555371 -5.534223e-01 -0.5573607778 -0.5578802778
## 554 1999-07-27 -0.5560383934 -5.561835e-01 -0.5600483235 -0.5605710481
## 555 1999-07-28 -0.5598590723 -5.584733e-01 -0.5603239692 -0.5579824590
## 556 1999-07-29 -0.5596463401 -5.594162e-01 -0.5601172349 -0.5602645046
## 557 1999-07-30 -0.5597824891 -5.602917e-01 -0.5614954635 -0.5610819538
## 558 1999-08-02 -0.5618247230 -5.606284e-01 -0.5634594393 -0.5643858109
## 559 1999-08-03 -0.5625735422 -5.633896e-01 -0.5658368836 -0.5639089656
## 560 1999-08-04 -0.5643434783 -5.637264e-01 -0.5667327322 -0.5674171850
## 561 1999-08-05 -0.5677131643 -5.628508e-01 -0.5700404808 -0.5626146710
## 562 1999-08-06 -0.5627777656 -5.620427e-01 -0.5660436179 -0.5668040981
## 563 1999-08-09 -0.5655688187 -5.663529e-01 -0.5686277965 -0.5690180230
## 564 1999-08-10 -0.5689044675 -5.659825e-01 -0.5700404808 -0.5660207093
## 565 1999-08-11 -0.5650922974 -5.643325e-01 -0.5682832394 -0.5660547697
## 566 1999-08-12 -0.5658411165 -5.640631e-01 -0.5659747065 -0.5656119847
## 567 1999-08-13 -0.56366627336 -5.631539e-01 -0.5633560721 -0.5625124899
## 568 1999-08-16 -0.5618927975 -5.613019e-01 -0.5625980464 -0.5620356445
## 569 1999-08-17 -0.5606674571 -5.566550e-01 -0.5601861464 -0.5560750775
## 570 1999-08-18 -0.5527027446 -5.523448e-01 -0.5532260920 -0.5539633338
## 571 1999-08-19 -0.5550853509 -5.557458e-01 -0.5572918663 -0.5577780967
## 572 1999-08-20 -0.5575360317 -5.544662e-01 -0.5572918663 -0.5537930319
## 573 1999-08-23 -0.5522602606 -5.507285e-01 -0.5514343948 -0.5511022617
## 574 1999-08-24 -0.5522262233 -5.480346e-01 -0.5513310277 -0.5501826313
## 575 1999-08-25 -0.5485161649 -5.439938e-01 -0.5482644691 -0.5432002529
## 576 1999-08-26 -0.5429680960 -5.426132e-01 -0.5449567204 -0.5455504193

```

```

## 577 1999-08-27 -0.5443295853 -5.453239e-01 -0.5463349490 -0.5455844797
## 578 1999-08-30 -0.5459293352 -5.456101e-01 -0.5502629005 -0.5506254163
## 579 1999-08-31 -0.5509328085 -5.484724e-01 -0.5533983706 -0.5478324649
## 580 1999-09-01 -0.5462356703 -5.472264e-01 -0.5504696348 -0.5507275975
## 581 1999-09-02 -0.5527708191 -5.489101e-01 -0.5519856863 -0.5501485709
## 582 1999-09-03 -0.5460995214 -5.466877e-01 -0.5484022919 -0.5475599819
## 583 1999-09-07 -0.5458952980 -5.462836e-01 -0.5467484176 -0.5470150157
## 584 1999-09-08 -0.5478694575 -5.474958e-01 -0.5480577348 -0.5486499141
## 585 1999-09-09 -0.5462356703 -5.462162e-01 -0.5464727719 -0.5462656873
## 586 1999-09-10 -0.5435807661 -5.423775e-01 -0.5437163147 -0.5431321321
## 587 1999-09-13 -0.5439211385 -5.445326e-01 -0.5463349490 -0.5466062911
## 588 1999-09-14 -0.5470525639 -5.440612e-01 -0.5460593033 -0.5436770982
## 589 1999-09-15 -0.5416066066 -5.424448e-01 -0.5435784918 -0.5441539436
## 590 1999-09-16 -0.5446699576 -5.447346e-01 -0.5460593033 -0.5444945474
## 591 1999-09-17 -0.5439211385 -5.445326e-01 -0.5460593033 -0.5460613250
## 592 1999-09-20 -0.5460314469 -5.456101e-01 -0.5461282147 -0.5472193780
## 593 1999-09-21 -0.5482779043 -5.467550e-01 -0.5479888233 -0.5477643442
## 594 1999-09-22 -0.5469164150 -5.439938e-01 -0.5483333805 -0.5436770982
## 595 1999-09-23 -0.5424235002 -5.415693e-01 -0.5477304055 -0.5477643442
## 596 1999-09-24 -0.5478694575 -5.445326e-01 -0.5474375319 -0.5447670305
## 597 1999-09-27 -0.5433084683 -5.425122e-01 -0.5470240633 -0.5474237403
## 598 1999-09-28 -0.5473248618 -5.439938e-01 -0.5478510005 -0.5438133398
## 599 1999-09-29 -0.5429680960 -5.240592e-01 -0.5427515547 -0.5276005976
## 600 1999-09-30 -0.5284682347 -5.278306e-01 -0.5311744345 -0.5284861675
## 601 1999-10-01 -0.5315315857 -5.302551e-01 -0.5307265102 -0.5314153604
## 602 1999-10-04 -0.5288766815 -5.297163e-01 -0.5317257259 -0.5316197227
## 603 1999-10-05 -0.5313954367 -5.297163e-01 -0.5328283088 -0.5301210659
## 604 1999-10-06 -0.5287405326 -5.255409e-01 -0.5275910402 -0.5257613369
## 605 1999-10-07 -0.5221373094 -5.186715e-01 -0.5231807087 -0.5204479172
## 606 1999-10-08 -0.5207758200 -5.192103e-01 -0.5221470372 -0.5183361734
## 607 1999-10-11 -0.5183251393 -5.193450e-01 -0.5195973143 -0.5192898642
## 608 1999-10-12 -0.5198908520 -5.202878e-01 -0.5216646572 -0.5230365063
## 609 1999-10-13 -0.5255410327 -5.240592e-01 -0.5275221287 -0.5284861675
## 610 1999-10-14 -0.5277194156 -5.258102e-01 -0.5287625345 -0.5288608317
## 611 1999-10-15 -0.5327569261 -5.326122e-01 -0.5337241574 -0.5337995872
## 612 1999-10-18 -0.5336418941 -5.332184e-01 -0.5368940832 -0.5348895195
## 613 1999-10-19 -0.5308508410 -5.313327e-01 -0.5318635488 -0.5320965681
## 614 1999-10-20 -0.5301020219 -5.287735e-01 -0.5310710674 -0.5278730806
## 615 1999-10-21 -0.5305104687 -5.264164e-01 -0.5302785859 -0.5276005976
## 616 1999-10-22 -0.5266982986 -5.255409e-01 -0.5292449145 -0.5299167036
## 617 1999-10-25 -0.5293532028 -5.262143e-01 -0.5293138259 -0.5254207331
## 618 1999-10-26 -0.5248602880 -5.248000e-01 -0.5269019259 -0.5270556314
## 619 1999-10-27 -0.5289447560 -5.301204e-01 -0.5327593974 -0.5328458965
## 620 1999-10-28 -0.5397005216 -5.368551e-01 -0.5426137318 -0.5382274370
## 621 1999-10-29 -0.5361606494 -5.371918e-01 -0.5388925146 -0.5386361616
## 622 1999-11-01 -0.5412662343 -5.382020e-01 -0.5421313518 -0.5402710599
## 623 1999-11-02 -0.5394282237 -5.402224e-01 -0.5435095804 -0.5432002529
## 624 1999-11-03 -0.5411300854 -5.418387e-01 -0.5435784918 -0.5438814605
## 625 1999-11-04 -0.5422192768 -5.425122e-01 -0.5479888233 -0.5468787742
## 626 1999-11-05 -0.5448741810 -5.450714e-01 -0.5466105947 -0.5448351512

```

```

## 627 1999-11-08 -0.5448061065 -5.294470e-01 -0.5452323661 -0.5305979112
## 628 1999-11-09 -0.5260856284 -5.261470e-01 -0.5380655775 -0.5384317993
## 629 1999-11-10 -0.5374540642 -5.348347e-01 -0.5379277546 -0.5371375047
## 630 1999-11-11 -0.5339822664 -5.330837e-01 -0.5365495260 -0.5360475725
## 631 1999-11-12 -0.5350714579 -5.348347e-01 -0.5371697289 -0.5339358288
## 632 1999-11-15 -0.5330292239 -5.337571e-01 -0.5344132717 -0.5355026064
## 633 1999-11-16 -0.5345268622 -5.298510e-01 -0.5339308917 -0.5295760998
## 634 1999-11-17 -0.5305104687 -5.294470e-01 -0.5320702831 -0.5322328096
## 635 1999-11-18 -0.5318038835 -5.314000e-01 -0.5322770174 -0.5306660320
## 636 1999-11-19 -0.5305785431 -5.314674e-01 -0.5313811688 -0.5306660320
## 637 1999-11-22 -0.5305785431 -5.267531e-01 -0.5314500802 -0.5278730806
## 638 1999-11-23 -0.5278555645 -5.233858e-01 -0.5311744345 -0.5265106653
## 639 1999-11-24 -0.5236349476 -5.210960e-01 -0.5234563544 -0.5205160379
## 640 1999-11-26 -0.5162148308 -5.131491e-01 -0.5153248057 -0.5141126860
## 641 1999-11-29 -0.5113815437 -5.112634e-01 -0.5158760971 -0.5170418789
## 642 1999-11-30 -0.5192611632 -5.198837e-01 -0.5228361515 -0.5229002647
## 643 1999-12-01 -0.5203673732 -5.209613e-01 -0.5248690387 -0.5229683855
## 644 1999-12-02 -0.5217288626 -5.172572e-01 -0.5208377201 -0.5185405357
## 645 1999-12-03 -0.5146491181 -5.150348e-01 -0.5203553401 -0.5212653664
## 646 1999-12-06 -0.5207758200 -5.188062e-01 -0.5218713915 -0.5199710718
## 647 1999-12-07 -0.5195504796 -5.208266e-01 -0.5222159487 -0.5218103325
## 648 1999-12-08 -0.5208438945 -5.154389e-01 -0.5204242515 -0.5190855019
## 649 1999-12-09 -0.5113815437 -4.938880e-01 -0.5122237914 -0.5026683974
## 650 1999-12-10 -0.4934779592 -4.949655e-01 -0.5000953798 -0.4993304799
## 651 1999-12-13 -0.4992642888 -5.007573e-01 -0.5033342169 -0.5038945712
## 652 1999-12-14 -0.5023957142 -5.035859e-01 -0.5120859685 -0.5113878554
## 653 1999-12-15 -0.5142406713 -5.085022e-01 -0.5149113371 -0.5104341646
## 654 1999-12-16 -0.5083862672 -5.092430e-01 -0.5121548799 -0.5122053046
## 655 1999-12-17 -0.5095435331 -5.104552e-01 -0.5118103228 -0.5130908745
## 656 1999-12-20 -0.5089308630 -5.057410e-01 -0.5104320942 -0.5098891985
## 657 1999-12-21 -0.5102242778 -5.074246e-01 -0.5099497142 -0.5067556433
## 658 1999-12-22 -0.5058675120 -5.072899e-01 -0.5099497142 -0.5091398701
## 659 1999-12-23 -0.5086585651 -5.089736e-01 -0.5170475914 -0.5175187243
## 660 1999-12-27 -0.5198227775 -5.205572e-01 -0.5270397487 -0.5271918730
## 661 1999-12-28 -0.5249283625 -5.224429e-01 -0.5253169630 -0.5258975784
## 662 1999-12-29 -0.5245199157 -5.236552e-01 -0.5241454687 -0.5246032839
## 663 1999-12-30 -0.5232265008 -5.239245e-01 -0.5286936230 -0.5294398582
## 664 1999-12-31 -0.5290128304 -5.301204e-01 -0.5314500802 -0.5326415342
## 665 2000-01-03 -0.5266302241 -5.191429e-01 -0.5280906480 -0.5181999319
## 666 2000-01-04 -0.5224096072 -5.170552e-01 -0.5251102287 -0.5263063030
## 667 2000-01-05 -0.5386113301 -5.347000e-01 -0.5402707432 -0.5395898523
## 668 2000-01-06 -0.5377263621 -5.373265e-01 -0.5446810747 -0.5441539436
## 669 2000-01-07 -0.5424235002 -5.396836e-01 -0.5422691747 -0.5397942146
## 670 2000-01-10 -0.5363648728 -5.373939e-01 -0.5429582890 -0.5402029392
## 671 2000-01-11 -0.5425596492 -5.402224e-01 -0.5435784918 -0.5428596490
## 672 2000-01-12 -0.5414704577 -5.423775e-01 -0.5457836576 -0.5463338081
## 673 2000-01-13 -0.5446699576 -5.432530e-01 -0.5456458347 -0.5437452190
## 674 2000-01-14 -0.5426957981 -5.417040e-01 -0.5446810747 -0.5455844797
## 675 2000-01-18 -0.5463037448 -5.454081e-01 -0.5457836576 -0.5457207212
## 676 2000-01-19 -0.5455549257 -5.429163e-01 -0.5457836576 -0.5427915283

```

```

## 677 2000-01-20 -0.5424915747 -5.434550e-01 -0.5447499861 -0.5450395135
## 678 2000-01-21 -0.5450103299 -5.460142e-01 -0.5490914062 -0.5479687065
## 679 2000-01-24 -0.5418108300 -5.365857e-01 -0.5408220347 -0.5391811277
## 680 2000-01-25 -0.5391559259 -5.388755e-01 -0.5424759090 -0.5401348184
## 681 2000-01-26 -0.5406535641 -5.402224e-01 -0.5438541376 -0.5449713928
## 682 2000-01-27 -0.5443976597 -5.426469e-01 -0.5439919604 -0.5426552867
## 683 2000-01-28 -0.5446018831 -5.440612e-01 -0.5490914062 -0.5483774310
## 684 2000-01-31 -0.5496393936 -5.458795e-01 -0.5508141919 -0.5452438758
## 685 2000-02-01 -0.5418789045 -5.395489e-01 -0.5442676061 -0.5421103206
## 686 2000-02-02 -0.5414023832 -5.377979e-01 -0.5405463889 -0.5399304561
## 687 2000-02-03 -0.5270386709 -5.230490e-01 -0.5299340288 -0.5238539555
## 688 2000-02-04 -0.5252687348 -5.264837e-01 -0.5293827373 -0.5299848244
## 689 2000-02-07 -0.5324165537 -5.328143e-01 -0.5346200060 -0.5338677080
## 690 2000-02-08 -0.5347991600 -5.251368e-01 -0.5342754488 -0.5250120085
## 691 2000-02-09 -0.5276683597 -5.254230e-01 -0.5270225209 -0.5281455637
## 692 2000-02-10 -0.5298977985 -5.295817e-01 -0.5320013717 -0.5325734134
## 693 2000-02-11 -0.5313954367 -5.303898e-01 -0.5320013717 -0.5325734134
## 694 2000-02-14 -0.5329611495 -5.340265e-01 -0.5341376260 -0.5344807949
## 695 2000-02-15 -0.5354118302 -5.335551e-01 -0.5373764632 -0.5351620025
## 696 2000-02-16 -0.5361606494 -5.365183e-01 -0.5373764632 -0.5385680408
## 697 2000-02-17 -0.5377944365 -5.388081e-01 -0.5402707432 -0.5404073015
## 698 2000-02-18 -0.5408577875 -5.413000e-01 -0.5448188976 -0.5450395135
## 699 2000-02-22 -0.5446699576 -5.439938e-01 -0.5457147462 -0.5463338081
## 700 2000-02-23 -0.5447380321 -5.383367e-01 -0.5439230490 -0.5388405239
## 701 2000-02-24 -0.5385432557 -5.387408e-01 -0.5428893775 -0.5410203884
## 702 2000-02-25 -0.5419469790 -5.408959e-01 -0.5433717575 -0.5402710599
## 703 2000-02-28 -0.5429000215 -5.432530e-01 -0.5445432519 -0.5439495813
## 704 2000-02-29 -0.5435126917 -5.413336e-01 -0.5426137318 -0.5405435430
## 705 2000-03-01 -0.5417427556 -5.418387e-01 -0.5435784918 -0.5438133398
## 706 2000-03-02 -0.5446699576 -5.456101e-01 -0.5466795062 -0.5474237403
## 707 2000-03-03 -0.5465079682 -5.458795e-01 -0.5468173290 -0.5474918611
## 708 2000-03-06 -0.5469164150 -5.431857e-01 -0.5459903919 -0.5459250835
## 709 2000-03-07 -0.5447380321 -5.447346e-01 -0.5467484176 -0.5464019288
## 710 2000-03-08 -0.5465079682 -5.458795e-01 -0.5484712033 -0.5462656873
## 711 2000-03-09 -0.5467802660 -5.413000e-01 -0.5466795062 -0.5406116638
## 712 2000-03-10 -0.5421512024 -5.418051e-01 -0.5435784918 -0.5427234075
## 713 2000-03-13 -0.5456910746 -5.438591e-01 -0.5457836576 -0.5444264266
## 714 2000-03-14 -0.5434446172 -5.435224e-01 -0.5453701890 -0.5440858228
## 715 2000-03-15 -0.5448741810 -5.454754e-01 -0.5468862405 -0.5461294458
## 716 2000-03-16 -0.5475971596 -5.441285e-01 -0.5490914062 -0.5434046152
## 717 2000-03-17 -0.5434446172 -5.441285e-01 -0.5441297833 -0.5449713928
## 718 2000-03-20 -0.5462356703 -5.461489e-01 -0.5464727719 -0.5456526004
## 719 2000-03-21 -0.5444657342 -5.369898e-01 -0.5466105947 -0.5367287801
## 720 2000-03-22 -0.5382028833 -5.359122e-01 -0.5388925146 -0.5385680408
## 721 2000-03-23 -0.5397005216 -5.392122e-01 -0.5408220347 -0.5418378376
## 722 2000-03-24 -0.5341184154 -5.345653e-01 -0.5366184374 -0.5363881763
## 723 2000-03-27 -0.5367052451 -5.347000e-01 -0.5361360574 -0.5359113310
## 724 2000-03-28 -0.5365690961 -5.372592e-01 -0.5386513246 -0.5391811277
## 725 2000-03-29 -0.5397005216 -5.403571e-01 -0.5435784918 -0.5434046152
## 726 2000-03-30 -0.5451464789 -5.430510e-01 -0.5446810747 -0.5431321321

```

```

## 727 2000-03-31 -0.5426957981 -5.433203e-01 -0.5457836576 -0.5425871660
## 728 2000-04-03 -0.5441253619 -5.448693e-01 -0.5468862405 -0.5463338081
## 729 2000-04-04 -0.5469164150 -5.451387e-01 -0.5537773834 -0.5459250835
## 730 2000-04-05 -0.5481417554 -5.456775e-01 -0.5485401148 -0.5478324649
## 731 2000-04-06 -0.5463037448 -5.450714e-01 -0.5470240633 -0.5455844797
## 732 2000-04-07 -0.5444657342 -5.417040e-01 -0.5445432519 -0.5419740791
## 733 2000-04-10 -0.5421512024 -5.419061e-01 -0.5455080119 -0.5465381704
## 734 2000-04-11 -0.5473248618 -5.445326e-01 -0.5477131776 -0.5465381704
## 735 2000-04-12 -0.5456910746 -5.462836e-01 -0.5532260920 -0.5541676961
## 736 2000-04-13 -0.5523623723 -5.523448e-01 -0.5623913121 -0.5632958787
## 737 2000-04-14 -0.5632542868 -5.592141e-01 -0.5702472151 -0.5645220525
## 738 2000-04-17 -0.5661134144 -5.596182e-01 -0.5660436179 -0.5643176902
## 739 2000-04-18 -0.5635265847 -5.550386e-01 -0.5632871607 -0.5557344737
## 740 2000-04-19 -0.5551534254 -5.560488e-01 -0.5582566263 -0.5573693721
## 741 2000-04-20 -0.5572637338 -5.577999e-01 -0.5602550578 -0.5585274251
## 742 2000-04-24 -0.5616204996 -5.600896e-01 -0.5657679722 -0.5613203765
## 743 2000-04-25 -0.5589655955 -5.573284e-01 -0.5598415892 -0.5584593043
## 744 2000-04-26 -0.5573318083 -5.537591e-01 -0.5574124613 -0.5573012513
## 745 2000-04-27 -0.5616885741 -5.561162e-01 -0.5617711093 -0.5579824590
## 746 2000-04-28 -0.5565829892 -5.557121e-01 -0.5566716635 -0.5554619907
## 747 2000-05-01 -0.5544046062 -5.506611e-01 -0.5543286749 -0.5502848125
## 748 2000-05-02 -0.5509328085 -5.509979e-01 -0.5536395606 -0.5544401792
## 749 2000-05-03 -0.5552214998 -5.547019e-01 -0.5568094863 -0.5566200437
## 750 2000-05-04 -0.5563106913 -5.547693e-01 -0.5566716635 -0.5555982322
## 751 2000-05-05 -0.5559022445 -5.524795e-01 -0.5555690806 -0.5518515901
## 752 2000-05-08 -0.5535196382 -5.518060e-01 -0.5541219406 -0.5545593905
## 753 2000-05-09 -0.5538600105 -5.534223e-01 -0.5568094863 -0.5543039376
## 754 2000-05-10 -0.5560043562 -5.559815e-01 -0.5612198178 -0.5575056136
## 755 2000-05-11 -0.5566510636 -5.555774e-01 -0.5590835635 -0.5558025945
## 756 2000-05-12 -0.5558341700 -5.547693e-01 -0.5566716635 -0.5570287683
## 757 2000-05-15 -0.5569914359 -5.547693e-01 -0.5591524749 -0.5545082999
## 758 2000-05-16 -0.5531792659 -5.511325e-01 -0.5535017377 -0.5512385032
## 759 2000-05-17 -0.5531111914 -5.484387e-01 -0.5523991548 -0.5491267595
## 760 2000-05-18 -0.5496393936 -5.500550e-01 -0.5544664977 -0.5552576284
## 761 2000-05-19 -0.5559022445 -5.555774e-01 -0.5576364235 -0.5582549420
## 762 2000-05-22 -0.5576721806 -5.584060e-01 -0.5635628064 -0.5590723912
## 763 2000-05-23 -0.5603951592 -5.597529e-01 -0.5639762750 -0.5647264148
## 764 2000-05-24 -0.5648199995 -5.620427e-01 -0.5706606837 -0.5626827918
## 765 2000-05-25 -0.5614843507 -5.617733e-01 -0.5650788579 -0.5660207093
## 766 2000-05-26 -0.5650242229 -5.641978e-01 -0.5667327322 -0.5649307771
## 767 2000-05-30 -0.5638669570 -5.597529e-01 -0.5630804264 -0.5592086328
## 768 2000-05-31 -0.5601228614 -5.593488e-01 -0.5621845778 -0.5629552749
## 769 2000-06-01 -0.5621650954 -5.605611e-01 -0.5641140979 -0.5609116519
## 770 2000-06-02 -0.5583529253 -5.530183e-01 -0.5576364235 -0.5525327977
## 771 2000-06-05 -0.5554597605 -5.550386e-01 -0.5573607778 -0.5562113191
## 772 2000-06-06 -0.5565829892 -5.568570e-01 -0.5598415892 -0.5605029273
## 773 2000-06-07 -0.5588975210 -5.594162e-01 -0.5599794121 -0.5591405120
## 774 2000-06-08 -0.5581487019 -5.580692e-01 -0.5583255378 -0.5590723912
## 775 2000-06-09 -0.5588294465 -5.582713e-01 -0.5580498921 -0.5587317874
## 776 2000-06-12 -0.5585571487 -5.594162e-01 -0.5634249836 -0.5628190333

```

```

## 777 2000-06-13 -0.5629139145 -5.623121e-01 -0.5642519207 -0.5622059464
## 778 2000-06-14 -0.5616885741 -5.619080e-01 -0.5645275664 -0.5649988978
## 779 2000-06-15 -0.5642073293 -5.639957e-01 -0.5652855922 -0.5651351394
## 780 2000-06-16 -0.5639350315 -5.645345e-01 -0.5652166807 -0.5654757432
## 781 2000-06-19 -0.5658411165 -5.662182e-01 -0.5672840236 -0.5662250716
## 782 2000-06-20 -0.5654326697 -5.632549e-01 -0.5654923265 -0.5653395017
## 783 2000-06-21 -0.5659091910 -5.650733e-01 -0.5655612379 -0.5654076224
## 784 2000-06-22 -0.5650922974 -5.656121e-01 -0.5693513665 -0.5698354722
## 785 2000-06-23 -0.5755076907 -5.757814e-01 -0.5794468910 -0.5786911717
## 786 2000-06-26 -0.5769372545 -5.775829e-01 -0.5790678781 -0.5786230509
## 787 2000-06-27 -0.5786391161 -5.741651e-01 -0.5783098524 -0.5758300996
## 788 2000-06-28 -0.5752353928 -5.726161e-01 -0.5754155723 -0.5743314427
## 789 2000-06-29 -0.5749630950 -5.741651e-01 -0.5754155723 -0.5751488919
## 790 2000-06-30 -0.5750992439 -5.755120e-01 -0.5761046866 -0.5760344618
## 791 2000-07-03 -0.5754396162 -5.752426e-01 -0.5750021037 -0.5752851334
## 792 2000-07-05 -0.5750992439 -5.741651e-01 -0.5751399266 -0.5758300996
## 793 2000-07-06 -0.5752353928 -5.753773e-01 -0.5769316238 -0.5763069449
## 794 2000-07-07 -0.5760522864 -5.757814e-01 -0.5763803323 -0.5762388241
## 795 2000-07-10 -0.5757799886 -5.764549e-01 -0.5766559781 -0.5773968772
## 796 2000-07-11 -0.5770734034 -5.776671e-01 -0.5792746124 -0.5795086209
## 797 2000-07-12 -0.5768011056 -5.767242e-01 -0.5774829152 -0.5773968772
## 798 2000-07-13 -0.5765968822 -5.768589e-01 -0.5767938009 -0.5774649979
## 799 2000-07-14 -0.5757799886 -5.690972e-01 -0.5752088380 -0.5691542645
## 800 2000-07-17 -0.5687002441 -5.683059e-01 -0.5708674180 -0.5707891629
## 801 2000-07-18 -0.5716955206 -5.686427e-01 -0.5716943551 -0.5701079552
## 802 2000-07-19 -0.5701978824 -5.708651e-01 -0.5722456466 -0.5710616460
## 803 2000-07-20 -0.5708105525 -5.689120e-01 -0.5716943551 -0.5716747329
## 804 2000-07-21 -0.5713551483 -5.698549e-01 -0.5706606837 -0.5707891629
## 805 2000-07-24 -0.5706744036 -5.710671e-01 -0.5732793180 -0.5733777520
## 806 2000-07-25 -0.5753715418 -5.738957e-01 -0.5785854981 -0.5746039258
## 807 2000-07-26 -0.5772095524 -5.760844e-01 -0.5776896495 -0.5763069449
## 808 2000-07-27 -0.5811578714 -5.811691e-01 -0.5824445381 -0.5814160023
## 809 2000-07-28 -0.5811578714 -5.810344e-01 -0.5832714753 -0.5829146592
## 810 2000-07-31 -0.5826555096 -5.830548e-01 -0.5845118810 -0.5827784176
## 811 2000-08-01 -0.5820428394 -5.808997e-01 -0.5818932467 -0.5826421761
## 812 2000-08-02 -0.5824512862 -5.811691e-01 -0.5819277024 -0.5820290892
## 813 2000-08-03 -0.5833362543 -5.814385e-01 -0.5829269181 -0.5812797608
## 814 2000-08-04 -0.5806132757 -5.788120e-01 -0.5805150181 -0.5801898285
## 815 2000-08-07 -0.5805452012 -5.787446e-01 -0.5803771953 -0.5787592925
## 816 2000-08-08 -0.5791837119 -5.796875e-01 -0.5794813467 -0.5797129832
## 817 2000-08-09 -0.5801367544 -5.807650e-01 -0.5817554238 -0.5819609684
## 818 2000-08-10 -0.5810897969 -5.814385e-01 -0.5824445381 -0.5824378138
## 819 2000-08-11 -0.5821789884 -5.790140e-01 -0.5818243353 -0.5788955340
## 820 2000-08-14 -0.5789114140 -5.777344e-01 -0.5792057009 -0.5776012395
## 821 2000-08-15 -0.5776860736 -5.743671e-01 -0.5773450923 -0.5746720465
## 822 2000-08-16 -0.5744865737 -5.726834e-01 -0.5738650652 -0.5735139935
## 823 2000-08-17 -0.5740100524 -5.735589e-01 -0.5745886352 -0.5739227181
## 824 2000-08-18 -0.5726485631 -5.724141e-01 -0.5723145580 -0.5731052689
## 825 2000-08-21 -0.5728187493 -5.726834e-01 -0.5750021037 -0.5747401673
## 826 2000-08-22 -0.5738739035 -5.745018e-01 -0.5754844837 -0.5758300996

```

```

## 827 2000-08-23 -0.5757799886 -5.730875e-01 -0.5766559781 -0.5733096312
## 828 2000-08-24 -0.5723081908 -5.720100e-01 -0.5724523808 -0.5726965443
## 829 2000-08-25 -0.5727847121 -5.724814e-01 -0.5727280266 -0.5720834574
## 830 2000-08-28 -0.5731250844 -5.698549e-01 -0.5727280266 -0.5729690274
## 831 2000-08-29 -0.5723762653 -5.716059e-01 -0.5723834694 -0.5724240613
## 832 2000-08-30 -0.5692448398 -5.682722e-01 -0.5689378979 -0.5688136607
## 833 2000-08-31 -0.5684279462 -5.691141e-01 -0.5695581008 -0.5703804383
## 834 2000-09-01 -0.5695171377 -5.698549e-01 -0.5700404808 -0.5703804383
## 835 2000-09-05 -0.5708105525 -5.657467e-01 -0.5708674180 -0.5658163470
## 836 2000-09-06 -0.5639350315 -5.621774e-01 -0.5648721236 -0.5656119847
## 837 2000-09-07 -0.5644115527 -5.650059e-01 -0.5678353151 -0.5682005738
## 838 2000-09-08 -0.5674068292 -5.671610e-01 -0.5683866065 -0.5688136607
## 839 2000-09-11 -0.5689725420 -5.669253e-01 -0.5687311636 -0.5694267476
## 840 2000-09-12 -0.5681556484 -5.680365e-01 -0.5686622522 -0.5690861438
## 841 2000-09-13 -0.5704021058 -5.691814e-01 -0.5700404808 -0.5693586268
## 842 2000-09-14 -0.5672706803 -5.660835e-01 -0.5670083779 -0.5667019170
## 843 2000-09-15 -0.5659772655 -5.666896e-01 -0.5679731379 -0.5680643323
## 844 2000-09-18 -0.5680194994 -5.675651e-01 -0.5690757208 -0.5689499022
## 845 2000-09-19 -0.5695852122 -5.695855e-01 -0.5721078237 -0.5711978875
## 846 2000-09-20 -0.5713551483 -5.720100e-01 -0.5740373437 -0.5747401673
## 847 2000-09-21 -0.5746227226 -5.720100e-01 -0.5741751666 -0.5719472159
## 848 2000-09-22 -0.5736016057 -5.702590e-01 -0.5730036723 -0.5704485591
## 849 2000-09-25 -0.5705042174 -5.697875e-01 -0.5711430637 -0.5716066121
## 850 2000-09-26 -0.5711509249 -5.713365e-01 -0.5716254437 -0.5722878197
## 851 2000-09-27 -0.5732612333 -5.729528e-01 -0.5761046866 -0.5743314427
## 852 2000-09-28 -0.5747588716 -5.722794e-01 -0.5743129894 -0.5720153367
## 853 2000-09-29 -0.5729208610 -5.712018e-01 -0.5737616980 -0.5737183558
## 854 2000-10-02 -0.5738058291 -5.742324e-01 -0.5763803323 -0.5765113072
## 855 2000-10-03 -0.5753715418 -5.755120e-01 -0.5766559781 -0.5773968772
## 856 2000-10-04 -0.5789794885 -5.757140e-01 -0.5794124352 -0.5763750657
## 857 2000-10-05 -0.5770734034 -5.761855e-01 -0.5799637267 -0.5790317755
## 858 2000-10-06 -0.5800006055 -5.798222e-01 -0.5819621581 -0.5812116400
## 859 2000-10-09 -0.5824512862 -5.827181e-01 -0.5850631725 -0.5828465384
## 860 2000-10-10 -0.5829958820 -5.803946e-01 -0.5834092982 -0.5824378138
## 861 2000-10-11 -0.5849700415 -5.830548e-01 -0.5847875267 -0.5852988860
## 862 2000-10-12 -0.5844935202 -5.846038e-01 -0.5880952754 -0.5882280789
## 863 2000-10-13 -0.5889864350 -5.845364e-01 -0.5893356811 -0.5846176783
## 864 2000-10-16 -0.5847658181 -5.851426e-01 -0.5886465668 -0.5891136488
## 865 2000-10-17 -0.5883056903 -5.885099e-01 -0.5922299611 -0.5917022379
## 866 2000-10-18 -0.5937516476 -5.883078e-01 -0.5938838355 -0.5882280789
## 867 2000-10-19 -0.5864676797 -5.853446e-01 -0.5885776554 -0.5853670067
## 868 2000-10-20 -0.5852423393 -5.819773e-01 -0.5853388182 -0.5820290892
## 869 2000-10-23 -0.5830639564 -5.829201e-01 -0.5847875267 -0.5829146592
## 870 2000-10-24 -0.5828597330 -5.791487e-01 -0.5834782096 -0.5833915045
## 871 2000-10-25 -0.5783668183 -5.763202e-01 -0.5802393724 -0.5808710362
## 872 2000-10-26 -0.5803409778 -5.752426e-01 -0.5810663095 -0.5754213750
## 873 2000-10-27 -0.5784348927 -5.752426e-01 -0.5778963838 -0.5767837903
## 874 2000-10-30 -0.5793879353 -5.786099e-01 -0.5818760188 -0.5797811040
## 875 2000-10-31 -0.5797963821 -5.759161e-01 -0.5798948152 -0.5756938580
## 876 2000-11-01 -0.5763926588 -5.725488e-01 -0.5758979523 -0.5748764088

```

```

## 877 2000-11-02 -0.5739419780 -5.726834e-01 -0.5738995209 -0.5722878197
## 878 2000-11-03 -0.5729208610 -5.716059e-01 -0.5745886352 -0.5746720465
## 879 2000-11-06 -0.5733973823 -5.740304e-01 -0.5769316238 -0.5757619788
## 880 2000-11-07 -0.5756438396 -5.731549e-01 -0.5760357752 -0.5753532542
## 881 2000-11-08 -0.5761884354 -5.757814e-01 -0.5785854981 -0.5786911717
## 882 2000-11-09 -0.5797963821 -5.800916e-01 -0.5823067153 -0.5815522439
## 883 2000-11-10 -0.5819066905 -5.813038e-01 -0.5821688924 -0.5828465384
## 884 2000-11-13 -0.5840169990 -5.832063e-01 -0.5849942610 -0.5852988860
## 885 2000-11-14 -0.5840850734 -5.834589e-01 -0.5868548696 -0.5840727122
## 886 2000-11-15 -0.5842212223 -5.824487e-01 -0.5838916782 -0.5834596253
## 887 2000-11-16 -0.5841531479 -5.827854e-01 -0.5846497039 -0.5852988860
## 888 2000-11-17 -0.5849019670 -5.837283e-01 -0.5856144639 -0.5857076106
## 889 2000-11-20 -0.5870803499 -5.855466e-01 -0.5876818068 -0.5874787505
## 890 2000-11-21 -0.5863996053 -5.866915e-01 -0.5891978582 -0.5891817696
## 891 2000-11-22 -0.5893948818 -5.860181e-01 -0.5908517326 -0.5881599581
## 892 2000-11-24 -0.5866208473 -5.842670e-01 -0.5865103125 -0.5840727122
## 893 2000-11-27 -0.5829958820 -5.825160e-01 -0.5854766410 -0.5850945237
## 894 2000-11-28 -0.5870803499 -5.874323e-01 -0.5880952754 -0.5883302600
## 895 2000-11-29 -0.5880333924 -5.860181e-01 -0.5885087439 -0.5862525767
## 896 2000-11-30 -0.5884418392 -5.874323e-01 -0.5900247954 -0.5887049242
## 897 2000-12-01 -0.5882376158 -5.868262e-01 -0.5898869725 -0.5887730450
## 898 2000-12-04 -0.5879653180 -5.863548e-01 -0.5896113268 -0.5866613013
## 899 2000-12-05 -0.5858550095 -5.858834e-01 -0.5879574525 -0.5879555958
## 900 2000-12-06 -0.5885099137 -5.876344e-01 -0.5891978582 -0.5898629772
## 901 2000-12-07 -0.5902798498 -5.903956e-01 -0.5930568983 -0.5923153248
## 902 2000-12-08 -0.5900075520 -5.890487e-01 -0.5918164926 -0.5900673395
## 903 2000-12-11 -0.5904840732 -5.874997e-01 -0.5912652011 -0.5880237166
## 904 2000-12-12 -0.5887141371 -5.860181e-01 -0.5884398325 -0.5874106297
## 905 2000-12-13 -0.5864676797 -5.869609e-01 -0.5893356811 -0.5897267357
## 906 2000-12-14 -0.5891906584 -5.890487e-01 -0.5903348968 -0.5908847887
## 907 2000-12-15 -0.5911648179 -5.895201e-01 -0.5909895554 -0.5906804264
## 908 2000-12-18 -0.5927986051 -5.928201e-01 -0.5943662155 -0.5939502232
## 909 2000-12-19 -0.5932751263 -5.931568e-01 -0.5960890012 -0.5957213631
## 910 2000-12-20 -0.5977680411 -5.963894e-01 -0.5980185212 -0.5974243822
## 911 2000-12-21 -0.5975638177 -5.965241e-01 -0.5988454584 -0.5990592806
## 912 2000-12-22 -0.5987210836 -5.978205e-01 -0.5984319898 -0.5986505560
## 913 2000-12-26 -0.5976318922 -5.957160e-01 -0.5973294069 -0.5971518992
## 914 2000-12-27 -0.5979722645 -5.968609e-01 -0.5980874327 -0.5972200199
## 915 2000-12-28 -0.5972915198 -5.959853e-01 -0.5969159384 -0.5966750538
## 916 2000-12-29 -0.5971553709 -5.971976e-01 -0.5987076355 -0.5986505560
## 917 2001-01-02 -0.5981764879 -5.984098e-01 -0.6002236870 -0.6004898167
## 918 2001-01-03 -0.6005590942 -5.963894e-01 -0.6002925984 -0.5964706915
## 919 2001-01-04 -0.5968830730 -5.967262e-01 -0.5982252555 -0.5987186768
## 920 2001-01-05 -0.5985168602 -5.985445e-01 -0.6002925984 -0.5997404882
## 921 2001-01-08 -0.5996741261 -5.988813e-01 -0.6000858641 -0.5993317637
## 922 2001-01-09 -0.5995379772 -5.977364e-01 -0.5991900155 -0.5977649860
## 923 2001-01-10 -0.5981424506 -5.973323e-01 -0.5980874327 -0.5976287445
## 924 2001-01-11 -0.5982445623 -5.969955e-01 -0.5980185212 -0.5970837784
## 925 2001-01-12 -0.5965086635 -5.957160e-01 -0.5963646469 -0.5963344500
## 926 2001-01-16 -0.5954535092 -5.958507e-01 -0.5962268241 -0.5959257254

```

```

## 927 2001-01-17 -0.5948408390 -5.945711e-01 -0.5956755326 -0.5955851216
## 928 2001-01-18 -0.5953854348 -5.946384e-01 -0.5954687983 -0.5943589478
## 929 2001-01-19 -0.5932070519 -5.936956e-01 -0.5946418612 -0.5938821024
## 930 2001-01-22 -0.5941600944 -5.941670e-01 -0.5948485955 -0.5954488800
## 931 2001-01-23 -0.5953854348 -5.948405e-01 -0.5951242412 -0.5949550045
## 932 2001-01-24 -0.5945004667 -5.915405e-01 -0.5942973040 -0.5917703587
## 933 2001-01-25 -0.5917774881 -5.922139e-01 -0.5942973040 -0.5949039139
## 934 2001-01-26 -0.5947727646 -5.935609e-01 -0.5944351269 -0.5943589478
## 935 2001-01-29 -0.5945685412 -5.932915e-01 -0.5945040383 -0.5936777401
## 936 2001-01-30 -0.5930028285 -5.933588e-01 -0.5946590890 -0.5949720347
## 937 2001-01-31 -0.5947727646 -5.945711e-01 -0.5964335584 -0.5967431746
## 938 2001-02-01 -0.5966788496 -5.971302e-01 -0.5978806984 -0.5979012276
## 939 2001-02-02 -0.5978361155 -5.982078e-01 -0.5995345727 -0.5999448505
## 940 2001-02-05 -0.5994699027 -5.995547e-01 -0.5994656613 -0.5998767298
## 941 2001-02-06 -0.6003548708 -5.985445e-01 -0.6002925984 -0.5983780729
## 942 2001-02-07 -0.5988572325 -5.986119e-01 -0.5991900155 -0.5992636429
## 943 2001-02-08 -0.5987210836 -5.985445e-01 -0.5993967498 -0.5999448505
## 944 2001-02-09 -0.5998102751 -5.997568e-01 -0.6004993327 -0.6010347828
## 945 2001-02-12 -0.6000144985 -5.994874e-01 -0.6001375477 -0.5998086090
## 946 2001-02-13 -0.5990614559 -5.994200e-01 -0.6000858641 -0.6006260582
## 947 2001-02-14 -0.6000144985 -5.997568e-01 -0.6003615098 -0.5998767298
## 948 2001-02-15 -0.6006952431 -5.998914e-01 -0.6003615098 -0.5998086090
## 949 2001-02-16 -0.6005590942 -6.004302e-01 -0.6005682441 -0.6006941790
## 950 2001-02-20 -0.6005590942 -6.009016e-01 -0.6015330041 -0.6019884735
## 951 2001-02-21 -0.6020567324 -6.021812e-01 -0.6027734099 -0.6026015604
## 952 2001-02-22 -0.6023290303 -6.025853e-01 -0.6027044984 -0.6026015604
## 953 2001-02-23 -0.6024651792 -6.026527e-01 -0.6030490556 -0.6027378019
## 954 2001-02-26 -0.6022609558 -6.024506e-01 -0.6025666756 -0.6026015604
## 955 2001-02-27 -0.6025332537 -6.025853e-01 -0.6024288527 -0.6028059227
## 956 2001-02-28 -0.6031459239 -6.029894e-01 -0.6042894613 -0.6045089418
## 957 2001-03-01 -0.6046435621 -6.041343e-01 -0.6046684742 -0.6042364588
## 958 2001-03-02 -0.6044733760 -6.042016e-01 -0.6042205499 -0.6047133041
## 959 2001-03-05 -0.6019205835 -6.015751e-01 -0.6025666756 -0.6018522320
## 960 2001-03-06 -0.6011547458 -6.005649e-01 -0.6028423213 -0.6026696812
## 961 2001-03-07 -0.6023971048 -6.021139e-01 -0.6026355870 -0.6022609566
## 962 2001-03-08 -0.6023971048 -6.027200e-01 -0.6024288527 -0.6028740435
## 963 2001-03-09 -0.6029417005 -6.021812e-01 -0.6027044984 -0.6022609566
## 964 2001-03-12 -0.6030097750 -6.030567e-01 -0.6036692585 -0.6040320965
## 965 2001-03-13 -0.6036224452 -6.037302e-01 -0.6036692585 -0.6036233719
## 966 2001-03-14 -0.6042351154 -6.038649e-01 -0.6040827270 -0.6040320965
## 967 2001-03-15 -0.6030097750 -6.033261e-01 -0.6033247013 -0.6037596134
## 968 2001-03-16 -0.6038266686 -6.037302e-01 -0.6039449042 -0.6036233719
## 969 2001-03-19 -0.6032139984 -6.034608e-01 -0.6040827270 -0.6041683380
## 970 2001-03-20 -0.6038947430 -6.032588e-01 -0.6040827270 -0.6044408211
## 971 2001-03-21 -0.6040989664 -6.044037e-01 -0.6042205499 -0.6047133041
## 972 2001-03-22 -0.6044393388 -6.046057e-01 -0.6047029299 -0.6045089418
## 973 2001-03-23 -0.6038947430 -6.039996e-01 -0.6042894613 -0.6045089418
## 974 2001-03-26 -0.6037449792 -6.034851e-01 -0.6035369485 -0.6036887678
## 975 2001-03-27 -0.6035053571 -6.029355e-01 -0.6036582326 -0.6029258152
## 976 2001-03-28 -0.6033093026 -6.036251e-01 -0.6033936127 -0.6038413583

```

```

## 977 2001-03-29 -0.6038865741 -6.037652e-01 -0.6042205499 -0.6047133041
## 978 2001-03-30 -0.6043767102 -6.039700e-01 -0.6043197824 -0.6044626197
## 979 2001-04-02 -0.6041479800 -6.043040e-01 -0.6058744242 -0.6056942432
## 980 2001-04-03 -0.6059124702 -6.057910e-01 -0.6058744242 -0.6062065113
## 981 2001-04-04 -0.6060649570 -6.059526e-01 -0.6063154574 -0.6064571957
## 982 2001-04-05 -0.6055748208 -6.056294e-01 -0.6056318560 -0.6056724445
## 983 2001-04-06 -0.6057055238 -6.060604e-01 -0.6062051991 -0.6064898937
## 984 2001-04-09 -0.6025033009 -6.028278e-01 -0.6034487419 -0.6034271841
## 985 2001-04-10 -0.6031568158 -6.011037e-01 -0.6028974505 -0.6025225403
## 986 2001-04-11 -0.6011309197 -6.009421e-01 -0.6018169192 -0.6010947291
## 987 2001-04-12 -0.6011853793 -5.994766e-01 -0.6009128013 -0.5996233205
## 988 2001-04-16 -0.5996060517 -5.999830e-01 -0.6001961224 -0.6003208772
## 989 2001-04-17 -0.6003575938 -5.996275e-01 -0.6000858641 -0.5995470253
## 990 2001-04-18 -0.5983425896 -5.960823e-01 -0.5981012149 -0.5975851461
## 991 2001-04-19 -0.5969919922 -5.974400e-01 -0.5979468533 -0.5981846100
## 992 2001-04-20 -0.5983861572 -5.981943e-01 -0.5987407130 -0.5984134957
## 993 2001-04-23 -0.5975474809 -5.968366e-01 -0.5975830010 -0.5979557231
## 994 2001-04-24 -0.5974930192 -5.975478e-01 -0.5981783958 -0.5985224890
## 995 2001-04-25 -0.5983099138 -5.983021e-01 -0.5991486687 -0.5980756167
## 996 2001-04-26 -0.5976999666 -5.978711e-01 -0.5987076355 -0.5987949720
## 997 2001-04-27 -0.5982772381 -5.987008e-01 -0.5986855839 -0.5989693612
## 998 2001-04-30 -0.5983752653 -5.974400e-01 -0.5980571116 -0.5984134957
## 999 2001-05-01 -0.5980811836 -5.973323e-01 -0.5978255692 -0.5972036720
## 1000 2001-05-02 -0.5967305873 -5.968689e-01 -0.5966788830 -0.5969638848
## 1001 2001-05-03 -0.5970682356 -5.973323e-01 -0.5973294069 -0.5973562615
## 1002 2001-05-04 -0.5975910475 -5.966858e-01 -0.5976822335 -0.5964734174
## 1003 2001-05-07 -0.5964909630 -5.967612e-01 -0.5970427354 -0.5971709730
## 1004 2001-05-08 -0.5976672898 -5.978818e-01 -0.5980460858 -0.5979775228
## 1005 2001-05-09 -0.5984624006 -5.987762e-01 -0.5987076355 -0.5992527436
## 1006 2001-05-10 -0.5986257794 -5.987977e-01 -0.5991486687 -0.5996778171
## 1007 2001-05-11 -0.5995515921 -5.997029e-01 -0.5998102184 -0.5996124212
## 1008 2001-05-14 -0.5995733759 -5.999938e-01 -0.6007363880 -0.6010838297
## 1009 2001-05-15 -0.6008586218 -6.002417e-01 -0.6007584397 -0.6008549440
## 1010 2001-05-16 -0.6007497027 -6.001554e-01 -0.6008025430 -0.6002118839
## 1011 2001-05-17 -0.6000526202 -5.994874e-01 -0.5997771409 -0.5995034280
## 1012 2001-05-18 -0.5992466185 -5.994874e-01 -0.5992589270 -0.5995688239
## 1013 2001-05-21 -0.5991159155 -5.979573e-01 -0.5989832812 -0.5977595375
## 1014 2001-05-22 -0.5971118021 -5.973323e-01 -0.5977153109 -0.5979012276
## 1015 2001-05-23 -0.5977544251 -5.975478e-01 -0.5985753256 -0.5986096835
## 1016 2001-05-24 -0.5982881300 -5.976017e-01 -0.5984319898 -0.5973562615
## 1017 2001-05-25 -0.5972642900 -5.967612e-01 -0.5971970959 -0.5969856845
## 1018 2001-05-29 -0.5966543439 -5.967504e-01 -0.5968332435 -0.5968439944
## 1019 2001-05-30 -0.5973841000 -5.973323e-01 -0.5980240341 -0.5985442876
## 1020 2001-05-31 -0.5981465351 -5.971168e-01 -0.5978806984 -0.5974216563
## 1021 2001-06-01 -0.5966434520 -5.969982e-01 -0.5971750464 -0.5971382739
## 1022 2001-06-04 -0.5965345318 -5.969013e-01 -0.5974396652 -0.5971818723
## 1023 2001-06-05 -0.5968177226 -5.963409e-01 -0.5976050527 -0.5976941394
## 1024 2001-06-06 -0.5972425062 -5.976340e-01 -0.5981783958 -0.5981846100
## 1025 2001-06-07 -0.5981683189 -5.981620e-01 -0.5979468533 -0.5980320205
## 1026 2001-06-08 -0.5976999666 -5.980542e-01 -0.5979909567 -0.5985006903

```

```

## 1027 2001-06-11 -0.5985168602 -5.988947e-01 -0.5993140561 -0.5994162334
## 1028 2001-06-12 -0.5994971325 -5.997137e-01 -0.5994573919 -0.5996560185
## 1029 2001-06-13 -0.5991050236 -5.993257e-01 -0.5996889343 -0.6002227833
## 1030 2001-06-14 -0.6000199444 -6.004356e-01 -0.6007363880 -0.6011274270
## 1031 2001-06-15 -0.6012289469 -6.011468e-01 -0.6016846093 -0.6019993728
## 1032 2001-06-18 -0.6018388941 -6.019657e-01 -0.6023792365 -0.6027187281
## 1033 2001-06-19 -0.6018388941 -6.020196e-01 -0.6028974505 -0.6032309963
## 1034 2001-06-20 -0.6031241401 -6.019657e-01 -0.6028974505 -0.6019557755
## 1035 2001-06-21 -0.6015883801 -6.014270e-01 -0.6013648603 -0.6013563128
## 1036 2001-06-22 -0.6010982440 -6.013515e-01 -0.6015964027 -0.6020974667
## 1037 2001-06-25 -0.6015557044 -6.014916e-01 -0.6013869119 -0.6016505945
## 1038 2001-06-26 -0.6017408669 -6.008451e-01 -0.6019712808 -0.6011710243
## 1039 2001-06-27 -0.6003575938 -6.002955e-01 -0.6001961224 -0.6003099778
## 1040 2001-06-28 -0.5999001334 -5.999292e-01 -0.6000638125 -0.5999611995
## 1041 2001-06-29 -0.5998129980 -5.998645e-01 -0.6001189416 -0.6001900853
## 1042 2001-07-02 -0.6000417282 -5.997999e-01 -0.5999756058 -0.5997759110
## 1043 2001-07-03 -0.5996169436 -6.000261e-01 -0.5998102184 -0.6002118839
## 1044 2001-07-05 -0.5998456738 -5.990025e-01 -0.5995897018 -0.5989693612
## 1045 2001-07-06 -0.5991703751 -5.987115e-01 -0.5989281521 -0.5989693612
## 1046 2001-07-09 -0.5986802389 -5.985176e-01 -0.5985863514 -0.5983807978
## 1047 2001-07-10 -0.5978851292 -5.982805e-01 -0.5980460858 -0.5985987842
## 1048 2001-07-11 -0.5985931036 -5.986253e-01 -0.5987627647 -0.5988930659
## 1049 2001-07-12 -0.5982990219 -5.978279e-01 -0.5979358275 -0.5976396438
## 1050 2001-07-13 -0.5976890747 -5.973323e-01 -0.5974947944 -0.5971055770
## 1051 2001-07-16 -0.5969484234 -5.968797e-01 -0.5975940268 -0.5981628113
## 1052 2001-07-17 -0.5981465351 -5.978818e-01 -0.5977924917 -0.5977922344
## 1053 2001-07-18 -0.5978960211 -5.977094e-01 -0.5977373626 -0.5982173079
## 1054 2001-07-19 -0.5978088858 -5.975478e-01 -0.5974506922 -0.5976396438
## 1055 2001-07-20 -0.5973949919 -5.970629e-01 -0.5971088893 -0.5971055770
## 1056 2001-07-23 -0.5968612892 -5.971922e-01 -0.5976491560 -0.5981410116
## 1057 2001-07-24 -0.6005645401 -6.005649e-01 -0.6021256424 -0.6024680437
## 1058 2001-07-25 -0.6020131648 -6.023860e-01 -0.6030407862 -0.6030675064
## 1059 2001-07-26 -0.6026884635 -6.019118e-01 -0.6028643730 -0.6021737620
## 1060 2001-07-27 -0.6019695971 -6.022567e-01 -0.6023461590 -0.6022609566
## 1061 2001-07-30 -0.6021003001 -6.019118e-01 -0.6020374358 -0.6019339769
## 1062 2001-07-31 -0.6016319478 -6.017933e-01 -0.6017617901 -0.6019993728
## 1063 2001-08-01 -0.6015339205 -6.017933e-01 -0.6018279451 -0.6019884735
## 1064 2001-08-02 -0.6016864073 -6.020735e-01 -0.6019051259 -0.6023263525
## 1065 2001-08-03 -0.6020676244 -6.022998e-01 -0.6018941000 -0.6023699498
## 1066 2001-08-06 -0.6021329758 -6.025045e-01 -0.6021807716 -0.6026424329
## 1067 2001-08-07 -0.6024488414 -6.028278e-01 -0.6025446239 -0.6029694125
## 1068 2001-08-08 -0.6028627341 -6.032049e-01 -0.6030848895 -0.6035034793
## 1069 2001-08-09 -0.6032657350 -6.036144e-01 -0.6039449042 -0.6042119353
## 1070 2001-08-10 -0.6038756822 -6.041747e-01 -0.6042867049 -0.6047678007
## 1071 2001-08-13 -0.6043984941 -6.045518e-01 -0.6044741440 -0.6045825123
## 1072 2001-08-14 -0.6041588720 -6.037544e-01 -0.6039228525 -0.6041356400
## 1073 2001-08-15 -0.6039192498 -6.039807e-01 -0.6042205499 -0.6046261096
## 1074 2001-08-16 -0.6044202779 -6.047135e-01 -0.6048820996 -0.6049203913
## 1075 2001-08-17 -0.6050411170 -6.047781e-01 -0.6048269705 -0.6047242035
## 1076 2001-08-20 -0.6043004668 -6.044333e-01 -0.6042756790 -0.6042773312

```

```

## 1077 2001-08-21 -0.6037449792 -6.040238e-01 -0.6043528598 -0.6048331967
## 1078 2001-08-22 -0.6043331426 -6.046273e-01 -0.6046726089 -0.6044953177
## 1079 2001-08-23 -0.6043658183 -6.047027e-01 -0.6046946605 -0.6051165791
## 1080 2001-08-24 -0.6046816838 -6.045518e-01 -0.6045292731 -0.6044626197
## 1081 2001-08-27 -0.6044093860 -6.045842e-01 -0.6043197824 -0.6045716129
## 1082 2001-08-28 -0.6043767102 -6.047135e-01 -0.6047056864 -0.6047460021
## 1083 2001-08-29 -0.6044638456 -6.048212e-01 -0.6053121069 -0.6055961493
## 1084 2001-08-30 -0.6055312532 -6.054246e-01 -0.6058192951 -0.6061411154
## 1085 2001-08-31 -0.6059233621 -6.056294e-01 -0.6056649335 -0.6058686323
## 1086 2001-09-04 -0.6056510642 -6.057479e-01 -0.6058523726 -0.6062501086
## 1087 2001-09-05 -0.6059669298 -6.062975e-01 -0.6076936860 -0.6072746449
## 1088 2001-09-06 -0.6068600668 -6.068254e-01 -0.6067895680 -0.6067296788
## 1089 2001-09-07 -0.6067293638 -6.063729e-01 -0.6065911031 -0.6063373032
## 1090 2001-09-10 -0.6062501195 -6.063298e-01 -0.6063595607 -0.6062065113
## 1091 2001-09-17 -0.6074482301 -6.069763e-01 -0.6074731694 -0.6074490341
## 1092 2001-09-18 -0.6071323646 -6.072996e-01 -0.6072526528 -0.6076670205
## 1093 2001-09-19 -0.6073937706 -6.076228e-01 -0.6079252284 -0.6076452219
## 1094 2001-09-20 -0.6076551765 -6.074181e-01 -0.6074731694 -0.6074599334
## 1095 2001-09-21 -0.6078294472 -6.073319e-01 -0.6078700992 -0.6074599334
## 1096 2001-09-24 -0.6070125536 -6.072134e-01 -0.6071534203 -0.6074817320
## 1097 2001-09-25 -0.6072412838 -6.074935e-01 -0.6075062469 -0.6078850070
## 1098 2001-09-26 -0.6075571493 -6.078599e-01 -0.6086308814 -0.6086915568
## 1099 2001-09-27 -0.6083522591 -6.084956e-01 -0.6089947337 -0.6088550467
## 1100 2001-09-28 -0.6085918812 -6.086788e-01 -0.6088183205 -0.6091057311
## 1101 2001-10-01 -0.6089622063 -6.090775e-01 -0.6091711470 -0.6090621338
## 1102 2001-10-02 -0.6086790165 -6.090021e-01 -0.6086860105 -0.6089858385
## 1103 2001-10-03 -0.6086790165 -6.078814e-01 -0.6086088297 -0.6082446846
## 1104 2001-10-04 -0.6076769604 -6.071703e-01 -0.6078811250 -0.6079395036
## 1105 2001-10-05 -0.6078076633 -6.071379e-01 -0.6078149701 -0.6077651144
## 1106 2001-10-08 -0.6076987442 -6.077845e-01 -0.6076275310 -0.6078523090
## 1107 2001-10-09 -0.6076551765 -6.079784e-01 -0.6078921509 -0.6080811948
## 1108 2001-10-10 -0.6078839067 -6.077737e-01 -0.6077488151 -0.6076997185
## 1109 2001-10-11 -0.6071868242 -6.068578e-01 -0.6069770071 -0.6070566585
## 1110 2001-10-12 -0.6069472021 -6.068686e-01 -0.6070100846 -0.6068168734
## 1111 2001-10-15 -0.6064243902 -6.057371e-01 -0.6061721216 -0.6059340283
## 1112 2001-10-16 -0.6053460906 -6.051445e-01 -0.6052018487 -0.6051928743
## 1113 2001-10-17 -0.6045291970 -6.048859e-01 -0.6054885202 -0.6058904310
## 1114 2001-10-18 -0.6056946319 -6.057048e-01 -0.6060067342 -0.6063809005
## 1115 2001-10-19 -0.6061520923 -6.064699e-01 -0.6069770071 -0.6068822693
## 1116 2001-10-22 -0.6066095527 -6.061358e-01 -0.6063816123 -0.6060539208
## 1117 2001-10-23 -0.6053243068 -6.053061e-01 -0.6054885202 -0.6052037736
## 1118 2001-10-24 -0.6066313366 -6.068686e-01 -0.6070872654 -0.6072855442
## 1119 2001-10-25 -0.6073502029 -6.072672e-01 -0.6073629111 -0.6071438530
## 1120 2001-10-26 -0.6070887970 -6.070194e-01 -0.6069659813 -0.6073727388
## 1121 2001-10-29 -0.6071105808 -6.073965e-01 -0.6074841952 -0.6079286043
## 1122 2001-10-30 -0.6077640957 -6.080754e-01 -0.6082780549 -0.6086152616
## 1123 2001-10-31 -0.6080037178 -6.080862e-01 -0.6080244608 -0.6080048995
## 1124 2001-11-01 -0.6076878523 -6.080000e-01 -0.6079693317 -0.6080375975
## 1125 2001-11-02 -0.6078294472 -6.081616e-01 -0.6078921509 -0.6082991812
## 1126 2001-11-05 -0.6076660684 -6.078922e-01 -0.6075724018 -0.6079940002

```

```

## 1127 2001-11-06 -0.6076878523 -6.079676e-01 -0.6076275310 -0.6079286043
## 1128 2001-11-07 -0.6077640957 -6.073750e-01 -0.6075282985 -0.6075144300
## 1129 2001-11-08 -0.6070561212 -6.073858e-01 -0.6078149701 -0.6080157988
## 1130 2001-11-09 -0.6077205280 -6.078707e-01 -0.6075613760 -0.6078523090
## 1131 2001-11-12 -0.6076007170 -6.078491e-01 -0.6077488151 -0.6079286043
## 1132 2001-11-13 -0.6072957433 -6.075366e-01 -0.6073077819 -0.6076670205
## 1133 2001-11-14 -0.6070887970 -6.054246e-01 -0.6068667488 -0.6052691696
## 1134 2001-11-15 -0.6053569826 -6.049828e-01 -0.6055987785 -0.6057487398
## 1135 2001-11-16 -0.6053678745 -6.055755e-01 -0.6055987785 -0.6058577330
## 1136 2001-11-19 -0.6052153877 -6.054139e-01 -0.6053231328 -0.6055961493
## 1137 2001-11-20 -0.6055203613 -6.056294e-01 -0.6057641659 -0.6062392093
## 1138 2001-11-21 -0.6058797945 -6.059850e-01 -0.6063816123 -0.6060212228
## 1139 2001-11-23 -0.6057055238 -6.058018e-01 -0.6058082692 -0.6057160418
## 1140 2001-11-26 -0.6046925758 -6.024829e-01 -0.6044410665 -0.6023045539
## 1141 2001-11-27 -0.6022745707 -6.024506e-01 -0.6028753988 -0.6031002044
## 1142 2001-11-28 -0.6031568158 -6.022890e-01 -0.6029195021 -0.6029803119
## 1143 2001-11-29 -0.6024488414 -6.028278e-01 -0.6033495094 -0.6034598820
## 1144 2001-11-30 -0.6030914643 -6.032049e-01 -0.6033384836 -0.6032745936
## 1145 2001-12-03 -0.6033964379 -6.037113e-01 -0.6036913101 -0.6041792373
## 1146 2001-12-04 -0.6034944652 -6.026661e-01 -0.6034377161 -0.6026097349
## 1147 2001-12-05 -0.6018933537 -6.018580e-01 -0.6022910299 -0.6027950234
## 1148 2001-12-06 -0.6022854626 -6.022890e-01 -0.6021807716 -0.6024244464
## 1149 2001-12-07 -0.6020131648 -6.023967e-01 -0.6025666756 -0.6028495200
## 1150 2001-12-10 -0.6028191665 -6.025584e-01 -0.6026328306 -0.6029149159
## 1151 2001-12-11 -0.6023290303 -6.022567e-01 -0.6022579524 -0.6022718559
## 1152 2001-12-12 -0.6018606780 -6.022567e-01 -0.6024233398 -0.6026315335
## 1153 2001-12-13 -0.6028300584 -6.029355e-01 -0.6032833545 -0.6037432644
## 1154 2001-12-14 -0.6033093026 -6.035820e-01 -0.6041433691 -0.6036233719
## 1155 2001-12-17 -0.6033093026 -6.036467e-01 -0.6040220850 -0.6038304590
## 1156 2001-12-18 -0.6033637622 -6.034096e-01 -0.6035369485 -0.6037759624
## 1157 2001-12-19 -0.6037123035 -6.036359e-01 -0.6036582326 -0.6039394522
## 1158 2001-12-20 -0.6038865741 -6.039807e-01 -0.6040661883 -0.6045498143
## 1159 2001-12-21 -0.6041697639 -6.037329e-01 -0.6042205499 -0.6047133041
## 1160 2001-12-24 -0.6043440345 -6.046380e-01 -0.6047608155 -0.6048985926
## 1161 2001-12-26 -0.6034508975 -6.034958e-01 -0.6032613028 -0.6035143787
## 1162 2001-12-27 -0.6030587886 -6.032696e-01 -0.6035920777 -0.6040593448
## 1163 2001-12-28 -0.6035162490 -6.037113e-01 -0.6034597677 -0.6037323651
## 1164 2001-12-31 -0.6033419784 -6.035928e-01 -0.6034046386 -0.6038195597
## 1165 2002-01-02 -0.6034944652 -6.037975e-01 -0.6036913101 -0.6036669692
## 1166 2002-01-03 -0.6032766269 -6.027847e-01 -0.6030628379 -0.6026424329
## 1167 2002-01-04 -0.6023072465 -6.022890e-01 -0.6020705133 -0.6022609566
## 1168 2002-01-07 -0.6022418950 -6.021705e-01 -0.6019271775 -0.6021628627
## 1169 2002-01-08 -0.6020349486 -6.023752e-01 -0.6022910299 -0.6026969295
## 1170 2002-01-09 -0.6023725980 -6.025368e-01 -0.6027871922 -0.6030457078
## 1171 2002-01-10 -0.6026993554 -6.030756e-01 -0.6032613028 -0.6035797746
## 1172 2002-01-11 -0.6033855460 -6.034312e-01 -0.6031951478 -0.6035906739
## 1173 2002-01-14 -0.6036360601 -6.039807e-01 -0.6041213174 -0.6045934116
## 1174 2002-01-15 -0.6041370881 -6.044225e-01 -0.6040441366 -0.6043972238
## 1175 2002-01-16 -0.6044965213 -6.048643e-01 -0.6052900553 -0.6056615452
## 1176 2002-01-17 -0.6047034677 -6.050367e-01 -0.6048820996 -0.6049966865

```

```

## 1177 2002-01-18 -0.6049430898 -6.042824e-01 -0.6048931255 -0.6045389150
## 1178 2002-01-22 -0.6015230286 -6.018687e-01 -0.6018610225 -0.6018794803
## 1179 2002-01-23 -0.6017953265 -6.020735e-01 -0.6021256424 -0.6020211715
## 1180 2002-01-24 -0.6015121367 -6.005003e-01 -0.6012325503 -0.6003426758
## 1181 2002-01-25 -0.6006298916 -5.990671e-01 -0.6004827940 -0.5998740049
## 1182 2002-01-28 -0.5992139427 -5.986577e-01 -0.5989722554 -0.5987186768
## 1183 2002-01-29 -0.5984732926 -5.988947e-01 -0.5998432959 -0.6001137900
## 1184 2002-01-30 -0.6001724312 -6.002955e-01 -0.6006922847 -0.6004625684
## 1185 2002-01-31 -0.6000199444 -6.000369e-01 -0.6004607423 -0.6001464880
## 1186 2002-02-01 -0.6000744040 -6.004679e-01 -0.6005268973 -0.6006478568
## 1187 2002-02-04 -0.6013378661 -6.015455e-01 -0.6015412735 -0.6019557755
## 1188 2002-02-05 -0.6023508141 -6.024075e-01 -0.6029415538 -0.6030784058
## 1189 2002-02-06 -0.6024379495 -6.027200e-01 -0.6028974505 -0.6033399895
## 1190 2002-02-07 -0.6031459239 -6.028816e-01 -0.6030518121 -0.6033617881
## 1191 2002-02-08 -0.6028627341 -6.019980e-01 -0.6025666756 -0.6019666749
## 1192 2002-02-11 -0.6016319478 -6.011037e-01 -0.6014199894 -0.6011165277
## 1193 2002-02-12 -0.6012071631 -6.013838e-01 -0.6014640927 -0.6015525006
## 1194 2002-02-13 -0.6011309197 -6.012869e-01 -0.6008466463 -0.6011274270
## 1195 2002-02-14 -0.6008695138 -6.002848e-01 -0.6005820264 -0.6004843670
## 1196 2002-02-15 -0.6002486746 -6.005218e-01 -0.6006151039 -0.6009966352
## 1197 2002-02-19 -0.6012942984 -6.007373e-01 -0.6011333179 -0.6014326081
## 1198 2002-02-20 -0.6010328925 -6.012114e-01 -0.6018499967 -0.6014871047
## 1199 2002-02-21 -0.6013378661 -6.009421e-01 -0.6010230596 -0.6011601250
## 1200 2002-02-22 -0.6011853793 -6.013946e-01 -0.6012435761 -0.6013672121
## 1201 2002-02-25 -0.6011418116 -6.008451e-01 -0.6009128013 -0.6006478568
## 1202 2002-02-26 -0.6006843512 -6.000369e-01 -0.6004166390 -0.5999176022
## 1203 2002-02-27 -0.5995515921 -5.997783e-01 -0.5996779085 -0.6000592934
## 1204 2002-02-28 -0.5998347819 -5.997568e-01 -0.5998873992 -0.6002445819
## 1205 2002-03-01 -0.6000090525 -5.990564e-01 -0.5996779085 -0.5988385693
## 1206 2002-03-04 -0.5986039955 -5.978818e-01 -0.5982666024 -0.5976505432
## 1207 2002-03-05 -0.5979722645 -5.976771e-01 -0.5981232666 -0.5982064086
## 1208 2002-03-06 -0.5992575104 -5.977741e-01 -0.5989061004 -0.5978140330
## 1209 2002-03-07 -0.5975256960 -5.973862e-01 -0.5982666024 -0.5985878849
## 1210 2002-03-08 -0.5976999666 -5.973754e-01 -0.5976822335 -0.5977922344
## 1211 2002-03-11 -0.5979286957 -5.974616e-01 -0.5977594143 -0.5973998598
## 1212 2002-03-12 -0.5975910475 -5.977741e-01 -0.5975609482 -0.5978358327
## 1213 2002-03-13 -0.5979178060 -5.980435e-01 -0.5980019825 -0.5984570930
## 1214 2002-03-14 -0.5990723479 -5.989486e-01 -0.5995014952 -0.5998304077
## 1215 2002-03-15 -0.5998565657 -6.002524e-01 -0.6003063807 -0.6003208772
## 1216 2002-03-18 -0.5999872687 -5.991857e-01 -0.5996558568 -0.5992527436
## 1217 2002-03-19 -0.5988980772 -5.990564e-01 -0.5991927720 -0.5996342199
## 1218 2002-03-20 -0.5996278355 -5.993473e-01 -0.5994794435 -0.5998086090
## 1219 2002-03-21 -0.5994753487 -5.992288e-01 -0.5991927720 -0.5990783544
## 1220 2002-03-22 -0.5989307530 -5.988408e-01 -0.5985973772 -0.5986859788
## 1221 2002-03-25 -0.5985495360 -5.987008e-01 -0.5990163587 -0.5995470253
## 1222 2002-03-26 -0.5994535649 -5.990025e-01 -0.5992037978 -0.5994489314
## 1223 2002-03-27 -0.6002595665 -6.001878e-01 -0.6001409933 -0.6000810921
## 1224 2002-03-28 -0.5997149708 -5.998645e-01 -0.5995345727 -0.6000265955
## 1225 2002-04-01 -0.5998456738 -5.997029e-01 -0.5996558568 -0.5994816293
## 1226 2002-04-02 -0.5994535649 -5.993904e-01 -0.5996007277 -0.6000810921

```

```

## 1227 2002-04-03 -0.5997476466 -6.000800e-01 -0.6002512516 -0.6007132528
## 1228 2002-04-04 -0.6004447291 -6.007804e-01 -0.6006592072 -0.6008549440
## 1229 2002-04-05 -0.6005100806 -6.005218e-01 -0.6005710006 -0.6008985413
## 1230 2002-04-08 -0.6012725146 -6.006080e-01 -0.6009569046 -0.6004080718
## 1231 2002-04-09 -0.6000744040 -5.999292e-01 -0.6002953549 -0.6007895480
## 1232 2002-04-10 -0.6004120533 -6.005649e-01 -0.6008576721 -0.6009203399
## 1233 2002-04-11 -0.6009348652 -6.013407e-01 -0.6014420411 -0.6017268898
## 1234 2002-04-12 -0.6013487580 -6.009852e-01 -0.6010781887 -0.6011056284
## 1235 2002-04-15 -0.6007823784 -6.004572e-01 -0.6005268973 -0.6004734677
## 1236 2002-04-16 -0.5999545929 -6.002524e-01 -0.6001189416 -0.6003426758
## 1237 2002-04-17 -0.5998892414 -5.994874e-01 -0.5995455985 -0.5994598307
## 1238 2002-04-18 -0.5993882134 -5.996382e-01 -0.5998653475 -0.6000701928
## 1239 2002-04-19 -0.5997367546 -5.997675e-01 -0.5996448310 -0.5997759110
## 1240 2002-04-22 -0.5995189163 -5.996490e-01 -0.5996448310 -0.6000156961
## 1241 2002-04-23 -0.5997694304 -5.997568e-01 -0.5999425283 -0.6002881792
## 1242 2002-04-24 -0.5988109419 -5.974939e-01 -0.5986525064 -0.5973126631
## 1243 2002-04-25 -0.5974167768 -5.972784e-01 -0.5971529937 -0.5972799662
## 1244 2002-04-26 -0.5970355587 -5.973862e-01 -0.5972522261 -0.5971818723
## 1245 2002-04-29 -0.5971553709 -5.973323e-01 -0.5977153109 -0.5979775228
## 1246 2002-04-30 -0.5978306707 -5.975909e-01 -0.5976822335 -0.5974216563
## 1247 2002-05-01 -0.5973732103 -5.972784e-01 -0.5971419678 -0.5976396438
## 1248 2002-05-02 -0.5975039122 -5.977094e-01 -0.5973294069 -0.5978249323
## 1249 2002-05-03 -0.5977217504 -5.979788e-01 -0.5978806984 -0.5981192151
## 1250 2002-05-06 -0.5980376160 -5.978818e-01 -0.5978806984 -0.5980429177
## 1251 2002-05-07 -0.5978524523 -5.980327e-01 -0.5975719741 -0.5980538170
## 1252 2002-05-08 -0.5973732103 -5.968366e-01 -0.5970537612 -0.5967350001
## 1253 2002-05-09 -0.5967523690 -5.960069e-01 -0.5963922115 -0.5962881279
## 1254 2002-05-10 -0.5959136937 -5.962978e-01 -0.5967229875 -0.5971491732
## 1255 2002-05-13 -0.5966979105 -5.966534e-01 -0.5966678572 -0.5967350001
## 1256 2002-05-14 -0.5957503128 -5.946923e-01 -0.5953778353 -0.5951110021
## 1257 2002-05-15 -0.5950532314 -5.936686e-01 -0.5950139829 -0.5938793765
## 1258 2002-05-16 -0.5941492025 -5.941535e-01 -0.5939775539 -0.5942390541
## 1259 2002-05-17 -0.5936481755 -5.940996e-01 -0.5945067959 -0.5947295247
## 1260 2002-05-20 -0.5949225295 -5.946600e-01 -0.5945508981 -0.5944788414
## 1261 2002-05-21 -0.5941165256 -5.943152e-01 -0.5947934674 -0.5951654976
## 1262 2002-05-22 -0.5950641233 -5.950371e-01 -0.5951573198 -0.5951763970
## 1263 2002-05-23 -0.5948789607 -5.945845e-01 -0.5947273103 -0.5944134433
## 1264 2002-05-24 -0.5942690135 -5.944337e-01 -0.5942311502 -0.5943916468
## 1265 2002-05-28 -0.5940838510 -5.945199e-01 -0.5945508981 -0.5948385191
## 1266 2002-05-29 -0.5949007446 -5.950694e-01 -0.5945178217 -0.5950020078
## 1267 2002-05-30 -0.5950314465 -5.952418e-01 -0.5953116803 -0.5955905701
## 1268 2002-05-31 -0.5952492858 -5.952957e-01 -0.5951793692 -0.5957431617
## 1269 2002-06-03 -0.5954562333 -5.957160e-01 -0.5954770677 -0.5960374445
## 1270 2002-06-04 -0.5960117209 -5.961039e-01 -0.5959842569 -0.5960265452
## 1271 2002-06-05 -0.5958156654 -5.960608e-01 -0.5960063064 -0.5960047455
## 1272 2002-06-06 -0.5959136937 -5.958129e-01 -0.5956645068 -0.5958085577
## 1273 2002-06-07 -0.5959136937 -5.955543e-01 -0.5955652743 -0.5953616854
## 1274 2002-06-10 -0.5959028007 -5.961254e-01 -0.5964804181 -0.5967567998
## 1275 2002-06-11 -0.5965454248 -5.964810e-01 -0.5963701587 -0.5969311890
## 1276 2002-06-12 -0.5968286145 -5.971706e-01 -0.5973183811 -0.5969965838

```

```

## 1277 2002-06-13 -0.5968830730 -5.967935e-01 -0.5967891413 -0.5966151075
## 1278 2002-06-14 -0.5967305873 -5.969013e-01 -0.5973183811 -0.5972799662
## 1279 2002-06-17 -0.5969375315 -5.957375e-01 -0.5966568303 -0.5955469739
## 1280 2002-06-18 -0.5956522878 -5.950048e-01 -0.5953006544 -0.5951436979
## 1281 2002-06-19 -0.5952601778 -5.950694e-01 -0.5951021895 -0.5956668676
## 1282 2002-06-20 -0.5954453403 -5.958453e-01 -0.5961275916 -0.5964843167
## 1283 2002-06-21 -0.5962295582 -5.964810e-01 -0.5961275916 -0.5965061132
## 1284 2002-06-24 -0.5964147207 -5.964918e-01 -0.5965686237 -0.5965279129
## 1285 2002-06-25 -0.5970028852 -5.973862e-01 -0.5986635322 -0.5988930659
## 1286 2002-06-26 -0.5993991053 -5.984853e-01 -0.5990604620 -0.5983372005
## 1287 2002-06-27 -0.5978524523 -5.979034e-01 -0.5983768607 -0.5983263012
## 1288 2002-06-28 -0.5983099138 -5.980219e-01 -0.5982666024 -0.5979012276
## 1289 2002-07-01 -0.5977871019 -5.982266e-01 -0.6003394582 -0.6008440447
## 1290 2002-07-02 -0.6005863240 -6.003925e-01 -0.6009128013 -0.6010947291
## 1291 2002-07-03 -0.6008259461 -6.000692e-01 -0.6010340854 -0.6000810921
## 1292 2002-07-05 -0.5997258627 -5.992395e-01 -0.5994022627 -0.5990347571
## 1293 2002-07-08 -0.5991159155 -5.985715e-01 -0.5990604620 -0.5993290388
## 1294 2002-07-09 -0.5990069964 -5.983775e-01 -0.5987296872 -0.5986096835
## 1295 2002-07-10 -0.5983534815 -5.984745e-01 -0.5990935395 -0.5993072402
## 1296 2002-07-11 -0.5994317810 -5.985822e-01 -0.5998102184 -0.5986641802
## 1297 2002-07-12 -0.5982445623 -5.982051e-01 -0.5984319898 -0.5987949720
## 1298 2002-07-15 -0.5985495360 -5.984314e-01 -0.5987076355 -0.5982391066
## 1299 2002-07-16 -0.5983099138 -5.972569e-01 -0.5979799308 -0.5978576292
## 1300 2002-07-17 -0.5970573437 -5.971599e-01 -0.5983548090 -0.5979993215
## 1301 2002-07-18 -0.5980593998 -5.977741e-01 -0.5981232666 -0.5986641802
## 1302 2002-07-19 -0.5986693470 -5.987223e-01 -0.5986304547 -0.5989475625
## 1303 2002-07-22 -0.5988980772 -5.987870e-01 -0.5987076355 -0.5987186768
## 1304 2002-07-23 -0.5984732926 -5.985391e-01 -0.5993691853 -0.5997541124
## 1305 2002-07-24 -0.6019260295 -6.003925e-01 -0.6017287126 -0.6002445819
## 1306 2002-07-25 -0.6004665129 -6.005541e-01 -0.6015743510 -0.6019993728
## 1307 2002-07-26 -0.6015448125 -6.015239e-01 -0.6014640927 -0.6015198026
## 1308 2002-07-29 -0.6009675410 -6.000692e-01 -0.6006592072 -0.5999938975
## 1309 2002-07-30 -0.5999437010 -5.995951e-01 -0.5997220118 -0.5995143273
## 1310 2002-07-31 -0.5996605112 -5.998537e-01 -0.5996558568 -0.5998631056
## 1311 2002-08-01 -0.5998129980 -6.000261e-01 -0.5998212442 -0.6001791860
## 1312 2002-08-02 -0.6000090525 -6.004141e-01 -0.6004166390 -0.6005279643
## 1313 2002-08-05 -0.6005318644 -6.007912e-01 -0.6011553695 -0.6015851986
## 1314 2002-08-06 -0.6009457572 -6.006727e-01 -0.6007584397 -0.6006369575
## 1315 2002-08-07 -0.6002268908 -6.006296e-01 -0.6010781887 -0.6007895480
## 1316 2002-08-08 -0.6009784329 -6.004572e-01 -0.6008466463 -0.6004625684
## 1317 2002-08-09 -0.6005754321 -5.997568e-01 -0.6002512516 -0.6000701928
## 1318 2002-08-12 -0.5999981606 -6.000369e-01 -0.5998653475 -0.5998522063
## 1319 2002-08-13 -0.5998238900 -5.998430e-01 -0.5999204767 -0.6004298704
## 1320 2002-08-14 -0.6002268908 -6.005003e-01 -0.6005599748 -0.6004516690
## 1321 2002-08-15 -0.6000961878 -5.997568e-01 -0.5998984250 -0.5996778171
## 1322 2002-08-16 -0.5997258627 -5.994766e-01 -0.5994684177 -0.5993726361
## 1323 2002-08-19 -0.5992357266 -5.989270e-01 -0.5990714879 -0.5987186768
## 1324 2002-08-20 -0.5986475632 -5.984206e-01 -0.5983658348 -0.5981955093
## 1325 2002-08-21 -0.5980267241 -5.984422e-01 -0.5984871190 -0.5988494686
## 1326 2002-08-22 -0.5987020228 -5.984637e-01 -0.5987958422 -0.5984679923

```

```

## 1327 2002-08-23 -0.5984079411 -5.987115e-01 -0.5987627647 -0.5990783544
## 1328 2002-08-26 -0.5987455904 -5.990132e-01 -0.5990604620 -0.5993399381
## 1329 2002-08-27 -0.5990178883 -5.991964e-01 -0.5992589270 -0.5997868104
## 1330 2002-08-28 -0.5996278355 -5.995197e-01 -0.5994243144 -0.5997323138
## 1331 2002-08-29 -0.5996822951 -5.992826e-01 -0.5995786760 -0.5991110524
## 1332 2002-08-30 -0.5991594832 -5.990779e-01 -0.5989832812 -0.5993290388
## 1333 2002-09-03 -0.5993773215 -5.994550e-01 -0.5992699528 -0.5996996158
## 1334 2002-09-04 -0.5994317810 -5.995305e-01 -0.5995235469 -0.5994489314
## 1335 2002-09-05 -0.5995189163 -5.997891e-01 -0.5995455985 -0.6000810921
## 1336 2002-09-06 -0.5995407002 -5.989701e-01 -0.5991927720 -0.5989257639
## 1337 2002-09-09 -0.5989307530 -5.977094e-01 -0.5986414806 -0.5976178452
## 1338 2002-09-10 -0.5973949919 -5.969551e-01 -0.5971419678 -0.5969420883
## 1339 2002-09-11 -0.5967196943 -5.964164e-01 -0.5964583654 -0.5969638848
## 1340 2002-09-12 -0.5970682356 -5.971922e-01 -0.5969324760 -0.5973562615
## 1341 2002-09-13 -0.5972207213 -5.973431e-01 -0.5970537612 -0.5975088509
## 1342 2002-09-16 -0.5974167768 -5.974077e-01 -0.5971088893 -0.5973998598
## 1343 2002-09-17 -0.5968830730 -5.965241e-01 -0.5967560638 -0.5967023021
## 1344 2002-09-18 -0.5966434520 -5.963302e-01 -0.5965575978 -0.5962881279
## 1345 2002-09-19 -0.5964473964 -5.966427e-01 -0.5963150307 -0.5968548937
## 1346 2002-09-20 -0.5963929358 -5.966427e-01 -0.5982114732 -0.5983263012
## 1347 2002-09-23 -0.5984079411 -5.979357e-01 -0.5980571116 -0.5981192151
## 1348 2002-09-24 -0.5981138594 -5.980111e-01 -0.5980460858 -0.5982500059
## 1349 2002-09-25 -0.5977871019 -5.979896e-01 -0.5983878865 -0.5984679923
## 1350 2002-09-26 -0.5980485079 -5.969551e-01 -0.5979248017 -0.5969202886
## 1351 2002-09-27 -0.5970464517 -5.969013e-01 -0.5967009347 -0.5970728791
## 1352 2002-09-30 -0.5972751830 -5.974939e-01 -0.5977704401 -0.5982500059
## 1353 2002-10-01 -0.5977217504 -5.972676e-01 -0.5975940268 -0.5971382739
## 1354 2002-10-02 -0.5970900205 -5.966427e-01 -0.5968332435 -0.5970728791
## 1355 2002-10-03 -0.5971118021 -5.970629e-01 -0.5968773480 -0.5973562615
## 1356 2002-10-04 -0.5969375315 -5.971706e-01 -0.5971860723 -0.5975742490
## 1357 2002-10-07 -0.5973732103 -5.973754e-01 -0.5971970959 -0.5974761551
## 1358 2002-10-08 -0.5970137771 -5.972676e-01 -0.5970978656 -0.5971491732
## 1359 2002-10-09 -0.5972098294 -5.971922e-01 -0.5969435029 -0.5972363678
## 1360 2002-10-10 -0.5967088024 -5.962871e-01 -0.5963370824 -0.5960374445
## 1361 2002-10-11 -0.5955978271 -5.954574e-01 -0.5952896286 -0.5954924784
## 1362 2002-10-14 -0.5955978271 -5.949294e-01 -0.5952124478 -0.5946859264
## 1363 2002-10-15 -0.5937897693 -5.939488e-01 -0.5946832080 -0.5949693087
## 1364 2002-10-16 -0.5954997999 -5.944660e-01 -0.5951242412 -0.5943698471
## 1365 2002-10-17 -0.5935065795 -5.938626e-01 -0.5949257763 -0.5951872963
## 1366 2002-10-18 -0.5952710697 -5.948647e-01 -0.5950029560 -0.5948603155
## 1367 2002-10-21 -0.5948245023 -5.946061e-01 -0.5946060283 -0.5946205315
## 1368 2002-10-22 -0.5946937982 -5.941966e-01 -0.5944075623 -0.5944897407
## 1369 2002-10-23 -0.5941383106 -5.942936e-01 -0.5938893473 -0.5940864647
## 1370 2002-10-24 -0.5936699571 -5.938195e-01 -0.5934152388 -0.5939665711
## 1371 2002-10-25 -0.5948789607 -5.947893e-01 -0.5948706471 -0.5945769353
## 1372 2002-10-28 -0.5943997154 -5.943906e-01 -0.5949588538 -0.5953507861
## 1373 2002-10-29 -0.5952383939 -5.952634e-01 -0.5953227061 -0.5953725848
## 1374 2002-10-30 -0.5948680688 -5.949401e-01 -0.5948816741 -0.5948167193
## 1375 2002-10-31 -0.5946720133 -5.946600e-01 -0.5944626915 -0.5945115372
## 1376 2002-11-01 -0.5944650691 -5.942074e-01 -0.5941980716 -0.5940319692

```

```

## 1377 2002-11-04 -0.5942799065 -5.943044e-01 -0.5947493630 -0.5951436979
## 1378 2002-11-05 -0.5951076920 -5.953173e-01 -0.5951793692 -0.5952090960
## 1379 2002-11-06 -0.5949552041 -5.947569e-01 -0.5951132154 -0.5945333369
## 1380 2002-11-07 -0.5948680688 -5.948539e-01 -0.5945508981 -0.5947731209
## 1381 2002-11-08 -0.5946611214 -5.944660e-01 -0.5945067959 -0.5943480485
## 1382 2002-11-11 -0.5942690135 -5.945845e-01 -0.5945178217 -0.5949039139
## 1383 2002-11-12 -0.5946937982 -5.941104e-01 -0.5942862782 -0.5940101695
## 1384 2002-11-13 -0.5940402822 -5.930221e-01 -0.5936247274 -0.5933671094
## 1385 2002-11-14 -0.5925371991 -5.924941e-01 -0.5921472663 -0.5924951647
## 1386 2002-11-15 -0.5923629285 -5.915674e-01 -0.5919929058 -0.5914052325
## 1387 2002-11-18 -0.5907291413 -5.900696e-01 -0.5908241680 -0.5911763456
## 1388 2002-11-19 -0.5915678198 -5.920631e-01 -0.5918385442 -0.5924079680
## 1389 2002-11-20 -0.5921450902 -5.908670e-01 -0.5918495712 -0.5906531781
## 1390 2002-11-21 -0.5899884911 -5.899511e-01 -0.5896554312 -0.5901082120
## 1391 2002-11-22 -0.5901300849 -5.894878e-01 -0.5897767143 -0.5894651520
## 1392 2002-11-25 -0.5892260560 -5.892507e-01 -0.5889828546 -0.5891817696
## 1393 2002-11-26 -0.5892369490 -5.895740e-01 -0.5894679921 -0.5901082120
## 1394 2002-11-27 -0.5895637075 -5.895309e-01 -0.5891041398 -0.5893670581
## 1395 2002-11-29 -0.5890953541 -5.893800e-01 -0.5895231202 -0.5901627086
## 1396 2002-12-02 -0.5890953541 -5.887119e-01 -0.5887843897 -0.5893343590
## 1397 2002-12-03 -0.5894438954 -5.898110e-01 -0.5894679921 -0.5897376350
## 1398 2002-12-04 -0.5898251124 -5.900050e-01 -0.5899310770 -0.5901191124
## 1399 2002-12-05 -0.5896290579 -5.901343e-01 -0.5907690377 -0.5910019564
## 1400 2002-12-06 -0.5917638721 -5.912010e-01 -0.5915298210 -0.5909692574
## 1401 2002-12-09 -0.5911866017 -5.915674e-01 -0.5914305886 -0.5919828955
## 1402 2002-12-10 -0.5914806845 -5.919553e-01 -0.5918275184 -0.5917867066
## 1403 2002-12-11 -0.5917965489 -5.915351e-01 -0.5914085358 -0.5914924270
## 1404 2002-12-12 -0.5909251968 -5.912765e-01 -0.5911990473 -0.5913071386
## 1405 2002-12-13 -0.5914915742 -5.915674e-01 -0.5911328901 -0.5914379293
## 1406 2002-12-16 -0.5911866017 -5.913735e-01 -0.5909454510 -0.5910782517
## 1407 2002-12-17 -0.5910776826 -5.913411e-01 -0.5906367289 -0.5911327494
## 1408 2002-12-18 -0.5911648179 -5.916644e-01 -0.5910116071 -0.5915251239
## 1409 2002-12-19 -0.5918401177 -5.917290e-01 -0.5915077683 -0.5919719951
## 1410 2002-12-20 -0.5916658449 -5.919338e-01 -0.5914305886 -0.5917104124
## 1411 2002-12-23 -0.5916767368 -5.914381e-01 -0.5912321225 -0.5913725334
## 1412 2002-12-24 -0.5912410613 -5.916428e-01 -0.5911218665 -0.5917649101
## 1413 2002-12-26 -0.5918836842 -5.923756e-01 -0.5931947212 -0.5934870031
## 1414 2002-12-27 -0.5936481755 -5.939919e-01 -0.5949257763 -0.5950565033
## 1415 2002-12-30 -0.5948680688 -5.947462e-01 -0.5945839756 -0.5946314308
## 1416 2002-12-31 -0.5944323922 -5.945738e-01 -0.5944847431 -0.5950238075
## 1417 2003-01-02 -0.5944977426 -5.944445e-01 -0.5947934674 -0.5942826525
## 1418 2003-01-03 -0.5940620672 -5.935285e-01 -0.5938452451 -0.5932472169
## 1419 2003-01-06 -0.5931798221 -5.928389e-01 -0.5928639474 -0.5930510280
## 1420 2003-01-07 -0.5927114697 -5.922139e-01 -0.5925331714 -0.5921245878
## 1421 2003-01-08 -0.5920470619 -5.923756e-01 -0.5922906032 -0.5927022508
## 1422 2003-01-09 -0.5924391719 -5.922678e-01 -0.5922023966 -0.5922335788
## 1423 2003-01-10 -0.5925698759 -5.923109e-01 -0.5923016301 -0.5923752711
## 1424 2003-01-13 -0.5921668740 -5.918368e-01 -0.5918164926 -0.5915905188
## 1425 2003-01-14 -0.5916004945 -5.911256e-01 -0.5913644336 -0.5908275673
## 1426 2003-01-15 -0.5907944928 -5.912873e-01 -0.5910557093 -0.5913398354

```

```

## 1427 2003-01-16 -0.5917747640 -5.918368e-01 -0.5915959749 -0.5918521047
## 1428 2003-01-17 -0.5920252802 -5.922570e-01 -0.5918385442 -0.5922880765
## 1429 2003-01-21 -0.5922540093 -5.923648e-01 -0.5927977902 -0.5926368548
## 1430 2003-01-22 -0.5927768212 -5.922678e-01 -0.5923677840 -0.5925387609
## 1431 2003-01-23 -0.5919381427 -5.919015e-01 -0.5919267509 -0.5918630018
## 1432 2003-01-24 -0.5907944928 -5.905653e-01 -0.5910998137 -0.5915142235
## 1433 2003-01-27 -0.5917856570 -5.915459e-01 -0.5913864864 -0.5918739012
## 1434 2003-01-28 -0.5915351430 -5.919769e-01 -0.5918385442 -0.5920482903
## 1435 2003-01-29 -0.5919272530 -5.915674e-01 -0.5916511051 -0.5915469226
## 1436 2003-01-30 -0.5912192764 -5.915135e-01 -0.5912872528 -0.5918303050
## 1437 2003-01-31 -0.5918292258 -5.916536e-01 -0.5914746930 -0.5917976070
## 1438 2003-02-03 -0.5915024661 -5.914704e-01 -0.5911880203 -0.5914597280
## 1439 2003-02-04 -0.5915024661 -5.917937e-01 -0.5914636660 -0.5915796216
## 1440 2003-02-05 -0.5912410613 -5.914058e-01 -0.5909564768 -0.5914488287
## 1441 2003-02-06 -0.5912628451 -5.914273e-01 -0.5910667362 -0.5915360232
## 1442 2003-02-07 -0.5913281966 -5.918260e-01 -0.5918716206 -0.5922444781
## 1443 2003-02-10 -0.5920906306 -5.925803e-01 -0.5925662489 -0.5922880765
## 1444 2003-02-11 -0.5919163611 -5.923756e-01 -0.5924339379 -0.5929638334
## 1445 2003-02-12 -0.5927550363 -5.928066e-01 -0.5924670165 -0.5925823593
## 1446 2003-02-13 -0.5925807657 -5.930221e-01 -0.5936247274 -0.5937485868
## 1447 2003-02-14 -0.5936263906 -5.938518e-01 -0.5935144713 -0.5937485868
## 1448 2003-02-18 -0.5934521199 -5.925803e-01 -0.5930293337 -0.5922989769
## 1449 2003-02-19 -0.5923629285 -5.927527e-01 -0.5920700866 -0.5925169612
## 1450 2003-02-20 -0.5923193597 -5.924833e-01 -0.5919929058 -0.5923316727
## 1451 2003-02-21 -0.5921450902 -5.921277e-01 -0.5920480339 -0.5918739012
## 1452 2003-02-24 -0.5918292258 -5.917506e-01 -0.5913864864 -0.5918739012
## 1453 2003-02-25 -0.5919817115 -5.919446e-01 -0.5916511051 -0.5917649101
## 1454 2003-02-26 -0.5918401177 -5.919661e-01 -0.5914085358 -0.5920264939
## 1455 2003-02-27 -0.5918074408 -5.921924e-01 -0.5929190754 -0.5920482903
## 1456 2003-02-28 -0.5919054681 -5.919230e-01 -0.5916180277 -0.5916232178
## 1457 2003-03-03 -0.5912737370 -5.912873e-01 -0.5912762270 -0.5918412054
## 1458 2003-03-04 -0.5917638721 -5.915674e-01 -0.5916952073 -0.5913398354
## 1459 2003-03-05 -0.5913499804 -5.912765e-01 -0.5909675038 -0.5911763456
## 1460 2003-03-06 -0.5910885745 -5.910286e-01 -0.5908572444 -0.5908820628
## 1461 2003-03-07 -0.5910885745 -5.908239e-01 -0.5907028839 -0.5905768840
## 1462 2003-03-10 -0.5907836009 -5.909101e-01 -0.5903831359 -0.5906749779
## 1463 2003-03-11 -0.5906202222 -5.909532e-01 -0.5904272381 -0.5907839689
## 1464 2003-03-12 -0.5908816281 -5.904575e-01 -0.5904492898 -0.5901518082
## 1465 2003-03-13 -0.5896072741 -5.891537e-01 -0.5897436379 -0.5889964811
## 1466 2003-03-14 -0.5886705684 -5.888197e-01 -0.5885638720 -0.5886804018
## 1467 2003-03-17 -0.5887468139 -5.867292e-01 -0.5883433565 -0.5866749265
## 1468 2003-03-18 -0.5865793229 -5.867292e-01 -0.5864689656 -0.5864242399
## 1469 2003-03-19 -0.5867209167 -5.868909e-01 -0.5864028107 -0.5866858237
## 1470 2003-03-20 -0.5867100248 -5.858780e-01 -0.5864358892 -0.5856939853
## 1471 2003-03-21 -0.5852178336 -5.855332e-01 -0.5854325366 -0.5851708189
## 1472 2003-03-24 -0.5859040231 -5.862767e-01 -0.5863587062 -0.5870237037
## 1473 2003-03-25 -0.5868080521 -5.864599e-01 -0.5863476826 -0.5862934491
## 1474 2003-03-26 -0.5861218625 -5.856194e-01 -0.5857963912 -0.5853561074
## 1475 2003-03-27 -0.5853485355 -5.854362e-01 -0.5849804776 -0.5853452081
## 1476 2003-03-28 -0.5853485355 -5.855332e-01 -0.5853663828 -0.5859882681

```

```

## 1477 2003-03-31 -0.5864595108 -5.868370e-01 -0.5866233283 -0.5872416891
## 1478 2003-04-01 -0.5875704872 -5.880762e-01 -0.5876156529 -0.5877757559
## 1479 2003-04-02 -0.5871021337 -5.871172e-01 -0.5867556372 -0.5868602150
## 1480 2003-04-03 -0.5865248623 -5.864599e-01 -0.5865571723 -0.5865659322
## 1481 2003-04-04 -0.5863070251 -5.867400e-01 -0.5866343520 -0.5870346042
## 1482 2003-04-07 -0.5857624293 -5.859534e-01 -0.5857522868 -0.5863806437
## 1483 2003-04-08 -0.5862198876 -5.867723e-01 -0.5860830605 -0.5867076234
## 1484 2003-04-09 -0.5866991329 -5.872357e-01 -0.5878582201 -0.5882989256
## 1485 2003-04-10 -0.5877011891 -5.876990e-01 -0.5879243739 -0.5876340658
## 1486 2003-04-11 -0.5872437286 -5.873758e-01 -0.5872187220 -0.5875468712
## 1487 2003-04-14 -0.5883873808 -5.885503e-01 -0.5882330982 -0.5883098249
## 1488 2003-04-15 -0.5882893535 -5.882486e-01 -0.5878802717 -0.5882226303
## 1489 2003-04-16 -0.5878427850 -5.881731e-01 -0.5886410550 -0.5890400795
## 1490 2003-04-17 -0.5887468139 -5.887011e-01 -0.5883984857 -0.5883752197
## 1491 2003-04-21 -0.5881368645 -5.874512e-01 -0.5877920651 -0.5880918373
## 1492 2003-04-22 -0.5880715141 -5.879684e-01 -0.5878802717 -0.5877321597
## 1493 2003-04-23 -0.5866446733 -5.870417e-01 -0.5872848759 -0.5878956495
## 1494 2003-04-24 -0.5877338648 -5.868585e-01 -0.5879354009 -0.5882335274
## 1495 2003-04-25 -0.5849019670 -5.844017e-01 -0.5845725231 -0.5840372905
## 1496 2003-04-28 -0.5842048856 -5.841970e-01 -0.5837125084 -0.5838846978
## 1497 2003-04-29 -0.5839108028 -5.843586e-01 -0.5837014815 -0.5841244851
## 1498 2003-04-30 -0.5842484521 -5.844017e-01 -0.5839550778 -0.5843424693
## 1499 2003-05-01 -0.5841613168 -5.847250e-01 -0.5842086707 -0.5843751684
## 1500 2003-05-02 -0.5842157775 -5.839168e-01 -0.5837676387 -0.5835359205
## 1501 2003-05-05 -0.5833008567 -5.832703e-01 -0.5832604495 -0.5829582575
## 1502 2003-05-06 -0.5828651779 -5.820527e-01 -0.5823894101 -0.5819555199
## 1503 2003-05-07 -0.5820047177 -5.823975e-01 -0.5821358138 -0.5821517055
## 1504 2003-05-08 -0.5823314741 -5.825053e-01 -0.5819263253 -0.5824241886
## 1505 2003-05-09 -0.5822225571 -5.822574e-01 -0.5819483747 -0.5818683253
## 1506 2003-05-12 -0.5818195552 -5.813846e-01 -0.5814301619 -0.5810617733
## 1507 2003-05-13 -0.5810353384 -5.795636e-01 -0.5805811720 -0.5796993579
## 1508 2003-05-14 -0.5793035240 -5.798868e-01 -0.5794785913 -0.5800808375
## 1509 2003-05-15 -0.5798481197 -5.803609e-01 -0.5797432090 -0.5800481363
## 1510 2003-05-16 -0.5799897157 -5.799192e-01 -0.5795447441 -0.5795903669
## 1511 2003-05-19 -0.5797827661 -5.801239e-01 -0.5806252764 -0.5812143659
## 1512 2003-05-20 -0.5810244465 -5.810290e-01 -0.5808788705 -0.5813015594
## 1513 2003-05-21 -0.5812640675 -5.813415e-01 -0.5808898963 -0.5810072777
## 1514 2003-05-22 -0.5808174990 -5.797791e-01 -0.5807465594 -0.5796448624
## 1515 2003-05-23 -0.5794233351 -5.800377e-01 -0.5794455116 -0.5799500424
## 1516 2003-05-27 -0.5799461470 -5.779041e-01 -0.5794675633 -0.5776284899
## 1517 2003-05-28 -0.5774083287 -5.771499e-01 -0.5770418799 -0.5776175873
## 1518 2003-05-29 -0.5773974390 -5.768913e-01 -0.5769867518 -0.5768655363
## 1519 2003-05-30 -0.5766132189 -5.767620e-01 -0.5766559781 -0.5764949593
## 1520 2003-06-02 -0.5756438396 -5.761262e-01 -0.5762700763 -0.5770290228
## 1521 2003-06-03 -0.5775934934 -5.776024e-01 -0.5770088046 -0.5772143135
## 1522 2003-06-04 -0.5772776268 -5.772899e-01 -0.5769867518 -0.5770399254
## 1523 2003-06-05 -0.5771033562 -5.770313e-01 -0.5770859843 -0.5768982332
## 1524 2003-06-06 -0.5761448666 -5.765788e-01 -0.5785854981 -0.5792633883
## 1525 2003-06-09 -0.5778548972 -5.785076e-01 -0.5787729350 -0.5789037085
## 1526 2003-06-10 -0.5783450344 -5.786046e-01 -0.5790485807 -0.5784786349

```

```

## 1527 2003-06-11 -0.5783994929 -5.781412e-01 -0.5781995963 -0.5778464720
## 1528 2003-06-12 -0.5769508705 -5.775055e-01 -0.5769757282 -0.5772470104
## 1529 2003-06-13 -0.5768419481 -5.774516e-01 -0.5777034329 -0.5784132379
## 1530 2003-06-16 -0.5777459791 -5.770206e-01 -0.5776703521 -0.5765494548
## 1531 2003-06-17 -0.5762646788 -5.764602e-01 -0.5763803323 -0.5765494548
## 1532 2003-06-18 -0.5767330311 -5.755228e-01 -0.5762700763 -0.5765385577
## 1533 2003-06-19 -0.5764062747 -5.760508e-01 -0.5762369955 -0.5769200318
## 1534 2003-06-20 -0.5764062747 -5.769882e-01 -0.5768323913 -0.5774213995
## 1535 2003-06-23 -0.5767548149 -5.770098e-01 -0.5766229017 -0.5768328350
## 1536 2003-06-24 -0.5768746271 -5.770529e-01 -0.5771631651 -0.5770290228
## 1537 2003-06-25 -0.5769508705 -5.767188e-01 -0.5764905884 -0.5770399254
## 1538 2003-06-26 -0.5770488977 -5.759538e-01 -0.5765898220 -0.5755903134
## 1539 2003-06-27 -0.5754368943 -5.756844e-01 -0.5753549303 -0.5760480871
## 1540 2003-06-30 -0.5755022437 -5.759753e-01 -0.5755313435 -0.5760262874
## 1541 2003-07-01 -0.5758290000 -5.754689e-01 -0.5758841689 -0.5750126504
## 1542 2003-07-02 -0.5744457312 -5.748224e-01 -0.5742964518 -0.5743586932
## 1543 2003-07-03 -0.5750774601 -5.745314e-01 -0.5744287606 -0.5742823979
## 1544 2003-07-07 -0.5736832961 -5.735185e-01 -0.5734033575 -0.5730507734
## 1545 2003-07-08 -0.5731822691 -5.716544e-01 -0.5725212923 -0.5714594734
## 1546 2003-07-09 -0.5712435051 -5.717621e-01 -0.5712864006 -0.5714703706
## 1547 2003-07-10 -0.5727901591 -5.730875e-01 -0.5731277118 -0.5739227181
## 1548 2003-07-11 -0.5736832961 -5.743806e-01 -0.5743405562 -0.5745766753
## 1549 2003-07-14 -0.5734654567 -5.729690e-01 -0.5730836073 -0.5728109872
## 1550 2003-07-15 -0.5722564531 -5.729690e-01 -0.5737672120 -0.5737265303
## 1551 2003-07-16 -0.5734436729 -5.741435e-01 -0.5740979858 -0.5745439795
## 1552 2003-07-17 -0.5749358630 -5.754581e-01 -0.5755092908 -0.5760262874
## 1553 2003-07-18 -0.5758398941 -5.759430e-01 -0.5768875194 -0.5774867966
## 1554 2003-07-21 -0.5775934934 -5.768589e-01 -0.5770970134 -0.5771053181
## 1555 2003-07-22 -0.5765151917 -5.768589e-01 -0.5777585609 -0.5776066902
## 1556 2003-07-23 -0.5742823503 -5.722794e-01 -0.5740649105 -0.5718954430
## 1557 2003-07-24 -0.5706880196 -5.692084e-01 -0.5705035634 -0.5705875243
## 1558 2003-07-25 -0.5710256657 -5.707708e-01 -0.5714187094 -0.5702714473
## 1559 2003-07-28 -0.5702087721 -5.701997e-01 -0.5701838177 -0.5697482754
## 1560 2003-07-29 -0.5696641764 -5.698549e-01 -0.5699743247 -0.5705003319
## 1561 2003-07-30 -0.5705790972 -5.711803e-01 -0.5706469003 -0.5712959814
## 1562 2003-07-31 -0.5703612632 -5.704260e-01 -0.5704043354 -0.5702278489
## 1563 2003-08-01 -0.5702959096 -5.707924e-01 -0.5713856330 -0.5719826398
## 1564 2003-08-04 -0.5721584259 -5.722363e-01 -0.5723007746 -0.5723968108
## 1565 2003-08-05 -0.5726594529 -5.727104e-01 -0.5726536011 -0.5734649488
## 1566 2003-08-06 -0.5733347548 -5.726026e-01 -0.5730395073 -0.5731706660
## 1567 2003-08-07 -0.5729208610 -5.732599e-01 -0.5726977055 -0.5730943718
## 1568 2003-08-08 -0.5727792650 -5.731953e-01 -0.5726536011 -0.5729417769
## 1569 2003-08-11 -0.5729317507 -5.735832e-01 -0.5729623276 -0.5731815642
## 1570 2003-08-12 -0.5729753195 -5.725919e-01 -0.5730064276 -0.5721788287
## 1571 2003-08-13 -0.5715593717 -5.720423e-01 -0.5714628138 -0.5717864520
## 1572 2003-08-14 -0.5719188070 -5.721501e-01 -0.5715289655 -0.5716883581
## 1573 2003-08-15 -0.5715811555 -5.721393e-01 -0.5711761401 -0.5719063456
## 1574 2003-08-18 -0.5713088576 -5.690575e-01 -0.5707240811 -0.5687237413
## 1575 2003-08-19 -0.5680739579 -5.680338e-01 -0.5679235239 -0.5681242786
## 1576 2003-08-20 -0.5684987426 -5.683032e-01 -0.5678242914 -0.5679171936

```

```

## 1577 2003-08-21 -0.5672352805 -5.661805e-01 -0.5668760691 -0.5658027218
## 1578 2003-08-22 -0.5649044108 -5.650598e-01 -0.5658396390 -0.5663258893
## 1579 2003-08-25 -0.5665490932 -5.659111e-01 -0.5661483644 -0.5656392352
## 1580 2003-08-26 -0.5656777356 -5.659326e-01 -0.5655088641 -0.5655520384
## 1581 2003-08-27 -0.5655470348 -5.660081e-01 -0.5653434800 -0.5656065340
## 1582 2003-08-28 -0.5653618734 -5.660835e-01 -0.5658396390 -0.5655411402
## 1583 2003-08-29 -0.5654925753 -5.656094e-01 -0.5648362885 -0.5651269649
## 1584 2003-09-02 -0.5647301412 -5.645210e-01 -0.5645165428 -0.5640261311
## 1585 2003-09-03 -0.5635755961 -5.641978e-01 -0.5646819269 -0.5652686572
## 1586 2003-09-04 -0.5650786814 -5.645857e-01 -0.5644834620 -0.5640697295
## 1587 2003-09-05 -0.5642617878 -5.644887e-01 -0.5644173104 -0.5649089784
## 1588 2003-09-08 -0.5647519251 -5.646288e-01 -0.5644614104 -0.5640806310
## 1589 2003-09-09 -0.5640984124 -5.645965e-01 -0.5641967927 -0.5647345893
## 1590 2003-09-10 -0.5650133332 -5.647581e-01 -0.5644614104 -0.5652359570
## 1591 2003-09-11 -0.5650786814 -5.657063e-01 -0.5658837434 -0.5663585894
## 1592 2003-09-12 -0.5665490932 -5.663205e-01 -0.5659278467 -0.5658245215
## 1593 2003-09-15 -0.5659936022 -5.663313e-01 -0.5653765553 -0.5660098122
## 1594 2003-09-16 -0.5659500335 -5.658141e-01 -0.5655750213 -0.5652141573
## 1595 2003-09-17 -0.5650677917 -5.651568e-01 -0.5650347535 -0.5653013540
## 1596 2003-09-18 -0.5651222502 -5.636698e-01 -0.5645937225 -0.5634157723
## 1597 2003-09-19 -0.5632597339 -5.639607e-01 -0.5630390818 -0.5637536481
## 1598 2003-09-22 -0.5646865725 -5.644348e-01 -0.5643070488 -0.5638735417
## 1599 2003-09-23 -0.5637607608 -5.607820e-01 -0.5630390818 -0.5606364451
## 1600 2003-09-24 -0.56055585401 -5.603725e-01 -0.5605582703 -0.5615410867
## 1601 2003-09-25 -0.5613100801 -5.607496e-01 -0.5609110957 -0.5610615187
## 1602 2003-09-26 -0.5610486719 -5.612776e-01 -0.5619916269 -0.5626855155
## 1603 2003-09-29 -0.5621596483 -5.618056e-01 -0.5618813653 -0.5612686036
## 1604 2003-09-30 -0.5613209698 -5.620319e-01 -0.5619364989 -0.5628272078
## 1605 2003-10-01 -0.5627151381 -5.625491e-01 -0.5628626685 -0.5620751557
## 1606 2003-10-02 -0.5620942990 -5.615578e-01 -0.5615726443 -0.5610179203
## 1607 2003-10-03 -0.5597089675 -5.583036e-01 -0.5589815757 -0.5579661111
## 1608 2003-10-06 -0.5577919928 -5.572045e-01 -0.5572615453 -0.5565927932
## 1609 2003-10-07 -0.5565829892 -5.550386e-01 -0.5557620315 -0.5557644469
## 1610 2003-10-08 -0.5550145545 -5.550063e-01 -0.5544720117 -0.5549033993
## 1611 2003-10-09 -0.5528688463 -5.519676e-01 -0.5519581195 -0.5525491456
## 1612 2003-10-10 -0.5525529797 -5.527974e-01 -0.5519140195 -0.5523311592
## 1613 2003-10-13 -0.5522915759 -5.524094e-01 -0.5519140195 -0.5520695776
## 1614 2003-10-14 -0.5521173064 -5.510194e-01 -0.5515170896 -0.5503147856
## 1615 2003-10-15 -0.5496230568 -5.505561e-01 -0.5508224613 -0.5517970946
## 1616 2003-10-16 -0.5520519527 -5.510948e-01 -0.5511973395 -0.5503147856
## 1617 2003-10-17 -0.5508102755 -5.511056e-01 -0.5505798909 -0.5505545718
## 1618 2003-10-20 -0.5505270836 -5.507392e-01 -0.5502821979 -0.5506635639
## 1619 2003-10-21 -0.5503419221 -5.497587e-01 -0.5501829655 -0.5509251499
## 1620 2003-10-22 -0.5543501478 -5.551464e-01 -0.5560046008 -0.5567235883
## 1621 2003-10-23 -0.5576939644 -5.569028e-01 -0.5569087188 -0.5564075069
## 1622 2003-10-24 -0.5559839349 -5.564502e-01 -0.5568094863 -0.5562004219
## 1623 2003-10-27 -0.5556027147 -5.561162e-01 -0.5551556120 -0.5558625408
## 1624 2003-10-28 -0.5552868524 -5.543382e-01 -0.5551004840 -0.5537807702
## 1625 2003-10-29 -0.5536966296 -5.540689e-01 -0.5535017377 -0.5538243685
## 1626 2003-10-30 -0.5528797360 -5.536702e-01 -0.5539758483 -0.5547617070

```

```

## 1627 2003-10-31 -0.5545135232 -5.551680e-01 -0.5552879209 -0.5562876143
## 1628 2003-11-03 -0.5557116371 -5.544460e-01 -0.5553651017 -0.5537698687
## 1629 2003-11-04 -0.5536421711 -5.537025e-01 -0.5534355816 -0.5536390779
## 1630 2003-11-05 -0.5542630103 -5.542413e-01 -0.5534135289 -0.5537698687
## 1631 2003-11-06 -0.5535223601 -5.543706e-01 -0.5548799663 -0.5556772501
## 1632 2003-11-07 -0.5548293898 -5.556313e-01 -0.5557069035 -0.5564184051
## 1633 2003-11-10 -0.5566374476 -5.574631e-01 -0.5581987385 -0.5589579483
## 1634 2003-11-11 -0.5589356427 -5.588101e-01 -0.5592792742 -0.5586854653
## 1635 2003-11-12 -0.5581405329 -5.571506e-01 -0.5577907840 -0.5566145929
## 1636 2003-11-13 -0.5565394204 -5.562455e-01 -0.5561810141 -0.5558843405
## 1637 2003-11-14 -0.5561146368 -5.566226e-01 -0.5576805279 -0.5584456791
## 1638 2003-11-17 -0.5588485096 -5.594135e-01 -0.5605803175 -0.5607236375
## 1639 2003-11-18 -0.5601446452 -5.607173e-01 -0.5618262373 -0.5627509126
## 1640 2003-11-19 -0.5623448130 -5.619349e-01 -0.5626862552 -0.5616282834
## 1641 2003-11-20 -0.5619200295 -5.612776e-01 -0.5619475225 -0.5623694385
## 1642 2003-11-21 -0.5620289464 -5.626353e-01 -0.5625870228 -0.5626637158
## 1643 2003-11-24 -0.5617239739 -5.602109e-01 -0.5616057196 -0.5596664021
## 1644 2003-11-25 -0.5594693487 -5.582174e-01 -0.5587390064 -0.5584238805
## 1645 2003-11-26 -0.5578573410 -5.579588e-01 -0.5580554061 -0.5578898158
## 1646 2003-11-28 -0.5578464512 -5.573985e-01 -0.5569969232 -0.5567889821
## 1647 2003-12-01 -0.5561473104 -5.566550e-01 -0.5567543583 -0.5560478271
## 1648 2003-12-02 -0.5560383934 -5.566550e-01 -0.5558722931 -0.5568325805
## 1649 2003-12-03 -0.5564740722 -5.571937e-01 -0.5586177211 -0.5594702187
## 1650 2003-12-04 -0.5593604263 -5.591549e-01 -0.5592902978 -0.5591541372
## 1651 2003-12-05 -0.5596327241 -5.588639e-01 -0.5587941344 -0.5594157188
## 1652 2003-12-08 -0.5592515093 -5.594027e-01 -0.5599849261 -0.5599388852
## 1653 2003-12-09 -0.5596654032 -5.599954e-01 -0.5608890441 -0.5618353695
## 1654 2003-12-10 -0.5615388092 -5.615901e-01 -0.5619805989 -0.5619879589
## 1655 2003-12-11 -0.5617457588 -5.605341e-01 -0.5610103282 -0.5602440695
## 1656 2003-12-12 -0.5598614533 -5.603617e-01 -0.5602054438 -0.5600369791
## 1657 2003-12-15 -0.5587069136 -5.593488e-01 -0.5600621069 -0.5606691420
## 1658 2003-12-16 -0.5613754337 -5.619888e-01 -0.5616277724 -0.5616609803
## 1659 2003-12-17 -0.5615170254 -5.621935e-01 -0.5634249836 -0.5637536481
## 1660 2003-12-18 -0.5635429215 -5.629694e-01 -0.5629288202 -0.5624784295
## 1661 2003-12-19 -0.5622467858 -5.624091e-01 -0.5620357314 -0.5619443605
## 1662 2003-12-22 -0.5620507303 -5.616656e-01 -0.5615505916 -0.5612359078
## 1663 2003-12-23 -0.5609179711 -5.589501e-01 -0.5603708290 -0.5584129822
## 1664 2003-12-24 -0.5584346157 -5.575924e-01 -0.5577466796 -0.5574974391
## 1665 2003-12-26 -0.5564305034 -5.564502e-01 -0.5566551258 -0.5573339482
## 1666 2003-12-29 -0.5568117183 -5.576355e-01 -0.5577687323 -0.5573339482
## 1667 2003-12-30 -0.5574761261 -5.580019e-01 -0.5572505217 -0.5580315038
## 1668 2003-12-31 -0.5578682351 -5.580234e-01 -0.5574710338 -0.5582603928
## 1669 2004-01-02 -0.5579335887 -5.584006e-01 -0.5585405414 -0.5590451407
## 1670 2004-01-05 -0.5587613721 -5.578941e-01 -0.5586066975 -0.5575519357
## 1671 2004-01-06 -0.5575523685 -5.580019e-01 -0.5570961557 -0.5578135206
## 1672 2004-01-07 -0.5585653176 -5.589070e-01 -0.5590808081 -0.5590451407
## 1673 2004-01-08 -0.5586633448 -5.595105e-01 -0.5600841586 -0.5608544283
## 1674 2004-01-09 -0.5611902690 -5.594566e-01 -0.5611095617 -0.5593830219
## 1675 2004-01-12 -0.5591861556 -5.585083e-01 -0.5592351697 -0.5579007130
## 1676 2004-01-13 -0.5580316160 -5.563964e-01 -0.5574600102 -0.5557644469

```

```

## 1677 2004-01-14 -0.5559076915 -5.553188e-01 -0.5555415138 -0.5547944082
## 1678 2004-01-15 -0.5557878794 -5.544676e-01 -0.5550233032 -0.5543802329
## 1679 2004-01-16 -0.5541105245 -5.549093e-01 -0.5543066232 -0.5548816006
## 1680 2004-01-20 -0.5548729586 -5.544029e-01 -0.5541522616 -0.5539115609
## 1681 2004-01-21 -0.5542303356 -5.542951e-01 -0.5538986686 -0.5543584332
## 1682 2004-01-22 -0.5535223601 -5.533469e-01 -0.5532371156 -0.5532903007
## 1683 2004-01-23 -0.5532064978 -5.535732e-01 -0.5528181374 -0.5533665948
## 1684 2004-01-26 -0.5535332542 -5.540150e-01 -0.5531709639 -0.5534537916
## 1685 2004-01-27 -0.5536094965 -5.534331e-01 -0.5538766159 -0.5548598009
## 1686 2004-01-28 -0.5569750992 -5.569782e-01 -0.5583310518 -0.5589797481
## 1687 2004-01-29 -0.5587178033 -5.595536e-01 -0.5616608532 -0.5619661603
## 1688 2004-01-30 -0.5614952404 -5.602971e-01 -0.5608890441 -0.5606800391
## 1689 2004-02-02 -0.5602317784 -5.610729e-01 -0.5623775287 -0.5630015970
## 1690 2004-02-03 -0.5629111926 -5.636267e-01 -0.5661593891 -0.5666310725
## 1691 2004-02-04 -0.5665926575 -5.661805e-01 -0.5664019584 -0.5661406030
## 1692 2004-02-05 -0.5652638461 -5.649090e-01 -0.5646378225 -0.5654321448
## 1693 2004-02-06 -0.5651767087 -5.652969e-01 -0.5650678343 -0.5650942691
## 1694 2004-02-09 -0.5644796272 -5.652214e-01 -0.5648583402 -0.5656283326
## 1695 2004-02-10 -0.5654599017 -5.658141e-01 -0.5650678343 -0.5659226154
## 1696 2004-02-11 -0.5654490065 -5.646180e-01 -0.5650347535 -0.5642332215
## 1697 2004-02-12 -0.5642835727 -5.638206e-01 -0.5637447337 -0.5643204139
## 1698 2004-02-13 -0.5638914627 -5.642517e-01 -0.5642629443 -0.5650615678
## 1699 2004-02-17 -0.5651440351 -5.655986e-01 -0.5658506670 -0.5659880124
## 1700 2004-02-18 -0.5659936022 -5.667623e-01 -0.5660270803 -0.5667073677
## 1701 2004-02-19 -0.5662223314 -5.659111e-01 -0.5660160511 -0.5669471495
## 1702 2004-02-20 -0.5666035516 -5.667516e-01 -0.5659278467 -0.5663803891
## 1703 2004-02-23 -0.5661896578 -5.668916e-01 -0.5674494133 -0.5676883046
## 1704 2004-02-24 -0.5675620412 -5.683032e-01 -0.5686843039 -0.5694866939
## 1705 2004-02-25 -0.5691086909 -5.690036e-01 -0.5683866065 -0.5688109370
## 1706 2004-02-26 -0.5683462558 -5.684002e-01 -0.5678353151 -0.5680370818
## 1707 2004-02-27 -0.5679432560 -5.686696e-01 -0.5683645548 -0.5687346428
## 1708 2004-03-01 -0.5685423113 -5.687989e-01 -0.5682983977 -0.5687782368
## 1709 2004-03-02 -0.5688581769 -5.687881e-01 -0.5690922584 -0.5698245750
## 1710 2004-03-03 -0.5698057723 -5.689066e-01 -0.5693237997 -0.5685602536
## 1711 2004-03-04 -0.5684333933 -5.677321e-01 -0.5677250590 -0.5672305352
## 1712 2004-03-05 -0.5677036328 -5.673442e-01 -0.5672509472 -0.5675575138
## 1713 2004-03-08 -0.5675184725 -5.670964e-01 -0.5676919782 -0.5682005738
## 1714 2004-03-09 -0.5681066369 -5.683571e-01 -0.5686402006 -0.5690616214
## 1715 2004-03-10 -0.5688690677 -5.691006e-01 -0.5695332938 -0.5703259428
## 1716 2004-03-11 -0.5706444508 -5.699950e-01 -0.5699963764 -0.5706202245
## 1717 2004-03-12 -0.5703612632 -5.697364e-01 -0.5697097071 -0.5693559031
## 1718 2004-03-15 -0.5693700990 -5.695316e-01 -0.5701286896 -0.5708382077
## 1719 2004-03-16 -0.5704266115 -5.700057e-01 -0.5697538115 -0.5696937799
## 1720 2004-03-17 -0.5685205264 -5.688312e-01 -0.5682873740 -0.5689635275
## 1721 2004-03-18 -0.5690760162 -5.691006e-01 -0.5687063566 -0.5687346428
## 1722 2004-03-19 -0.5685314205 -5.685080e-01 -0.5682432696 -0.5689635275
## 1723 2004-03-22 -0.5699255845 -5.705553e-01 -0.5705807486 -0.5710888964
## 1724 2004-03-23 -0.5703939368 -5.706738e-01 -0.5713084533 -0.5717646523
## 1725 2004-03-24 -0.5714940191 -5.721393e-01 -0.5720802569 -0.5724186105
## 1726 2004-03-25 -0.5718316695 -5.701782e-01 -0.5711430637 -0.5698463693

```

```

## 1727 2004-03-26 -0.5696423969 -5.698657e-01 -0.5697207307 -0.5701624508
## 1728 2004-03-29 -0.5696859613 -5.695316e-01 -0.5689709743 -0.5690071259
## 1729 2004-03-30 -0.5688799618 -5.683140e-01 -0.5683204504 -0.5678735952
## 1730 2004-03-31 -0.5676382846 -5.682386e-01 -0.5678904431 -0.5684403600
## 1731 2004-04-01 -0.5680739579 -5.673334e-01 -0.5675045413 -0.5668490556
## 1732 2004-04-02 -0.5652965208 -5.658141e-01 -0.5653545036 -0.5653776493
## 1733 2004-04-05 -0.5656559562 -5.649090e-01 -0.5649796254 -0.5644294093
## 1734 2004-04-06 -0.5649588704 -5.650383e-01 -0.5648032122 -0.5649961741
## 1735 2004-04-07 -0.5650786814 -5.652214e-01 -0.5652001431 -0.5656392352
## 1736 2004-04-08 -0.5632924085 -5.637668e-01 -0.5634249836 -0.5631868876
## 1737 2004-04-12 -0.5629438673 -5.635297e-01 -0.5627965113 -0.5633394771
## 1738 2004-04-13 -0.5631290276 -5.635620e-01 -0.5641306355 -0.5648435803
## 1739 2004-04-14 -0.5652093833 -5.642948e-01 -0.5645496181 -0.5646146956
## 1740 2004-04-15 -0.5642291132 -5.643594e-01 -0.5645275664 -0.5643967081
## 1741 2004-04-16 -0.5641528709 -5.648982e-01 -0.5652662948 -0.5660207093
## 1742 2004-04-19 -0.5660044974 -5.647150e-01 -0.5654978405 -0.5642659173
## 1743 2004-04-20 -0.5634884630 -5.641331e-01 -0.5654316844 -0.5663476879
## 1744 2004-04-21 -0.5661678729 -5.655555e-01 -0.5657293818 -0.5657809231
## 1745 2004-04-22 -0.5653509793 -5.627431e-01 -0.5646488517 -0.5623585359
## 1746 2004-04-23 -0.5652965208 -5.651245e-01 -0.5650678343 -0.5651596617
## 1747 2004-04-26 -0.5649370854 -5.641870e-01 -0.5643621768 -0.5641133279
## 1748 2004-04-27 -0.5635647064 -5.630664e-01 -0.5636565249 -0.5632958787
## 1749 2004-04-28 -0.5635320317 -5.635513e-01 -0.5638219145 -0.5644185078
## 1750 2004-04-29 -0.5643162463 -5.649197e-01 -0.5650678343 -0.5652686572
## 1751 2004-04-30 -0.5652311682 -5.657063e-01 -0.5674935133 -0.5680915828
## 1752 2004-05-03 -0.5680412833 -5.669994e-01 -0.5673832561 -0.5672087355
## 1753 2004-05-04 -0.5670283352 -5.676244e-01 -0.5670635059 -0.5677101032
## 1754 2004-05-05 -0.5674966875 -5.671072e-01 -0.5667878602 -0.5673722275
## 1755 2004-05-06 -0.5679214722 -5.679692e-01 -0.5680889091 -0.5685929505
## 1756 2004-05-07 -0.5686076639 -5.680446e-01 -0.5692907245 -0.5699444632
## 1757 2004-05-10 -0.5704919640 -5.702320e-01 -0.5705145914 -0.5706420242
## 1758 2004-05-11 -0.5697404241 -5.692730e-01 -0.5690481540 -0.5690725185
## 1759 2004-05-12 -0.5692829615 -5.691545e-01 -0.5697648351 -0.5687237413
## 1760 2004-05-13 -0.5691522596 -5.680985e-01 -0.5686622522 -0.5680806802
## 1761 2004-05-14 -0.5678016601 -5.683248e-01 -0.5680999372 -0.5686910444
## 1762 2004-05-17 -0.5693918785 -5.697579e-01 -0.5692686717 -0.5697482754
## 1763 2004-05-18 -0.5694354472 -5.699626e-01 -0.5691253348 -0.5698463693
## 1764 2004-05-19 -0.5692393928 -5.690252e-01 -0.5695222658 -0.5701733523
## 1765 2004-05-20 -0.5700345015 -5.704260e-01 -0.5702609985 -0.5709472031
## 1766 2004-05-21 -0.5704483964 -5.709540e-01 -0.5705366442 -0.5707401181
## 1767 2004-05-24 -0.5704266115 -5.700704e-01 -0.5698530439 -0.5702387460
## 1768 2004-05-25 -0.5699255845 -5.683894e-01 -0.5696104746 -0.5680697830
## 1769 2004-05-26 -0.5676273894 -5.671610e-01 -0.5670965867 -0.5669035555
## 1770 2004-05-27 -0.5660916306 -5.641116e-01 -0.5657955390 -0.5637100540
## 1771 2004-05-28 -0.5639132477 -5.631957e-01 -0.5635572924 -0.5627509126
## 1772 2004-06-01 -0.5632597339 -5.612884e-01 -0.5626531745 -0.5608653298
## 1773 2004-06-02 -0.5604060490 -5.604695e-01 -0.5603708290 -0.5607345401
## 1774 2004-06-03 -0.5611031359 -5.613962e-01 -0.5608669913 -0.5617699714
## 1775 2004-06-04 -0.5608852965 -5.601462e-01 -0.5601172349 -0.5600805775
## 1776 2004-06-07 -0.5590990225 -5.596290e-01 -0.5594005539 -0.5591977356

```

```

## 1777 2004-06-08 -0.5595238072 -5.594889e-01 -0.5589043960 -0.5590015467
## 1778 2004-06-09 -0.5591752659 -5.598014e-01 -0.5601062113 -0.5608544283
## 1779 2004-06-10 -0.5605040762 -5.612669e-01 -0.5609331485 -0.5611814112
## 1780 2004-06-14 -0.5616586213 -5.617841e-01 -0.5611757134 -0.5619334634
## 1781 2004-06-15 -0.5612556216 -5.611268e-01 -0.5606795500 -0.5609961206
## 1782 2004-06-16 -0.5608417277 -5.609651e-01 -0.5602164674 -0.5604947528
## 1783 2004-06-17 -0.5603842695 -5.607927e-01 -0.5607677588 -0.5613666986
## 1784 2004-06-18 -0.5615497033 -5.614716e-01 -0.5607787825 -0.5615519893
## 1785 2004-06-21 -0.5615388092 -5.614500e-01 -0.5609441721 -0.5613666986
## 1786 2004-06-22 -0.5612991903 -5.619996e-01 -0.5620577786 -0.5622059464
## 1787 2004-06-23 -0.5622794605 -5.606958e-01 -0.5619364989 -0.5602331680
## 1788 2004-06-24 -0.5598505635 -5.596829e-01 -0.5593564539 -0.5600042833
## 1789 2004-06-25 -0.5597961050 -5.596936e-01 -0.5591579889 -0.5591541372
## 1790 2004-06-28 -0.5583474782 -5.574200e-01 -0.5576915515 -0.5574211450
## 1791 2004-06-29 -0.5574325574 -5.575278e-01 -0.5571953881 -0.5570723666
## 1792 2004-06-30 -0.5570077727 -5.567088e-01 -0.5563464037 -0.5563203101
## 1793 2004-07-01 -0.5568008285 -5.574200e-01 -0.5578569412 -0.5583257866
## 1794 2004-07-02 -0.5580860745 -5.582821e-01 -0.5580995061 -0.5582930897
## 1795 2004-07-06 -0.5581623179 -5.589717e-01 -0.5595769671 -0.5597644960
## 1796 2004-07-07 -0.5600792926 -5.595859e-01 -0.5598526129 -0.5600260819
## 1797 2004-07-08 -0.5625626524 -5.618056e-01 -0.5618041856 -0.5616609803
## 1798 2004-07-09 -0.5610813510 -5.617733e-01 -0.5625208656 -0.5629471004
## 1799 2004-07-12 -0.5628785147 -5.624737e-01 -0.5622893243 -0.5621514509
## 1800 2004-07-13 -0.5619091343 -5.617949e-01 -0.5613631547 -0.5615519893
## 1801 2004-07-14 -0.5620834049 -5.613423e-01 -0.5613411030 -0.5616609803
## 1802 2004-07-15 -0.5614734610 -5.621289e-01 -0.5621900919 -0.5625656263
## 1803 2004-07-16 -0.5620398362 -5.627862e-01 -0.5636675529 -0.5642768199
## 1804 2004-07-19 -0.5639241417 -5.647258e-01 -0.5654647597 -0.5654539445
## 1805 2004-07-20 -0.5651440351 -5.640900e-01 -0.5643952576 -0.5643967081
## 1806 2004-07-21 -0.5638587881 -5.643594e-01 -0.5661593891 -0.5668272614
## 1807 2004-07-22 -0.5677907703 -5.660081e-01 -0.5671296631 -0.5656719310
## 1808 2004-07-23 -0.5691413656 -5.695747e-01 -0.5716281990 -0.5720371353
## 1809 2004-07-26 -0.5715811555 -5.722901e-01 -0.5729843749 -0.5733450551
## 1810 2004-07-27 -0.5727030216 -5.726457e-01 -0.5724661642 -0.5729853753
## 1811 2004-07-28 -0.5726049944 -5.730121e-01 -0.5740318297 -0.5742278981
## 1812 2004-07-29 -0.5736724020 -5.736694e-01 -0.5733261778 -0.5735630383
## 1813 2004-07-30 -0.5734654567 -5.731737e-01 -0.5730946354 -0.5731924657
## 1814 2004-08-02 -0.5735199152 -5.738849e-01 -0.5735577191 -0.5738682226
## 1815 2004-08-03 -0.5736615112 -5.735401e-01 -0.5741972182 -0.5746202737
## 1816 2004-08-04 -0.5752952984 -5.752857e-01 -0.5751123598 -0.5751543426
## 1817 2004-08-05 -0.5746526754 -5.752642e-01 -0.5762369955 -0.5768001382
## 1818 2004-08-06 -0.5770053290 -5.761370e-01 -0.5768213677 -0.5769309289
## 1819 2004-08-09 -0.5769073017 -5.765357e-01 -0.5768213677 -0.5771162196
## 1820 2004-08-10 -0.5765260858 -5.755659e-01 -0.5760495586 -0.5751761424
## 1821 2004-08-11 -0.5757527566 -5.758891e-01 -0.5759944305 -0.5757647025
## 1822 2004-08-12 -0.5759161375 -5.754042e-01 -0.5753659583 -0.5760589842
## 1823 2004-08-13 -0.5755784871 -5.757814e-01 -0.5756967321 -0.5762333734
## 1824 2004-08-16 -0.5760359496 -5.742728e-01 -0.5755754468 -0.5742496967
## 1825 2004-08-17 -0.5733892133 -5.731522e-01 -0.5734584855 -0.5739445168
## 1826 2004-08-18 -0.5740971899 -5.730444e-01 -0.5739877297 -0.5727128922

```

```

## 1827 2004-08-19 -0.5715484819 -5.720315e-01 -0.5751674934 -0.5735085428
## 1828 2004-08-20 -0.5735090255 -5.726457e-01 -0.5732269442 -0.5725494057
## 1829 2004-08-23 -0.5719514817 -5.725488e-01 -0.5721243613 -0.5726147983
## 1830 2004-08-24 -0.5721366421 -5.726242e-01 -0.5729954029 -0.5730507734
## 1831 2004-08-25 -0.5728555084 -5.720208e-01 -0.5731718162 -0.5716883581
## 1832 2004-08-26 -0.5716356151 -5.716544e-01 -0.5714738374 -0.5718082506
## 1833 2004-08-27 -0.5714831283 -5.721285e-01 -0.5715840990 -0.5721243277
## 1834 2004-08-30 -0.5719623714 -5.726026e-01 -0.5730725837 -0.5738573211
## 1835 2004-08-31 -0.5735961586 -5.737879e-01 -0.5735025899 -0.5740426118
## 1836 2004-09-01 -0.5737595384 -5.736155e-01 -0.5733261778 -0.5739336153
## 1837 2004-09-02 -0.5739664837 -5.729367e-01 -0.5734474619 -0.5729090811
## 1838 2004-09-03 -0.5729099713 -5.725380e-01 -0.5726425775 -0.5733886491
## 1839 2004-09-07 -0.5727574801 -5.732384e-01 -0.5732269442 -0.5736393379
## 1840 2004-09-08 -0.5734763465 -5.738310e-01 -0.5736679796 -0.5741843040
## 1841 2004-09-09 -0.5737486443 -5.743698e-01 -0.5740538814 -0.5741189059
## 1842 2004-09-10 -0.5738684565 -5.738418e-01 -0.5734584855 -0.5735739398
## 1843 2004-09-13 -0.5727792650 -5.725056e-01 -0.5724441115 -0.5720044395
## 1844 2004-09-14 -0.5716138302 -5.695855e-01 -0.5712533198 -0.5691052198
## 1845 2004-09-15 -0.5695988281 -5.691222e-01 -0.5690812348 -0.5696065875
## 1846 2004-09-16 -0.5692285030 -5.679369e-01 -0.5685519961 -0.5692142108
## 1847 2004-09-17 -0.5687274761 -5.690360e-01 -0.5685078917 -0.5687891383
## 1848 2004-09-20 -0.5688799618 -5.682493e-01 -0.5682653213 -0.5684512582
## 1849 2004-09-21 -0.5679432560 -5.684864e-01 -0.5680889091 -0.5684294585
## 1850 2004-09-22 -0.5684007143 -5.690575e-01 -0.5698530439 -0.5705112291
## 1851 2004-09-23 -0.5703830427 -5.701782e-01 -0.5699191956 -0.5700207585
## 1852 2004-09-24 -0.5698602319 -5.704906e-01 -0.5702058704 -0.5709908015
## 1853 2004-09-27 -0.5708405053 -5.714604e-01 -0.5714187094 -0.5720916319
## 1854 2004-09-28 -0.5716682886 -5.721932e-01 -0.5722787229 -0.5726365981
## 1855 2004-09-29 -0.5724307237 -5.715574e-01 -0.5718487156 -0.5710997936
## 1856 2004-09-30 -0.5712326153 -5.711695e-01 -0.5709115224 -0.5710779939
## 1857 2004-10-01 -0.5704266115 -5.711479e-01 -0.5707130575 -0.5715030674
## 1858 2004-10-04 -0.5703503681 -5.707385e-01 -0.5703271502 -0.5709145073
## 1859 2004-10-05 -0.5709167487 -5.712018e-01 -0.5705145914 -0.5709690028
## 1860 2004-10-06 -0.5710365598 -5.710294e-01 -0.5707020283 -0.5705330277
## 1861 2004-10-07 -0.5702850198 -5.696394e-01 -0.5702058704 -0.5707619124
## 1862 2004-10-08 -0.5708078307 -5.712665e-01 -0.5715510182 -0.5720153367
## 1863 2004-10-11 -0.5720168299 -5.717406e-01 -0.5717935876 -0.5718518447
## 1864 2004-10-12 -0.5723218068 -5.719238e-01 -0.5717274315 -0.5717755505
## 1865 2004-10-13 -0.5702850198 -5.708786e-01 -0.5714187094 -0.5720371353
## 1866 2004-10-14 -0.5724307237 -5.730336e-01 -0.5725433439 -0.5729962779
## 1867 2004-10-15 -0.5726049944 -5.729043e-01 -0.5734805383 -0.5735957395
## 1868 2004-10-18 -0.5737595384 -5.731198e-01 -0.5734695147 -0.5728109872
## 1869 2004-10-19 -0.5721148571 -5.727104e-01 -0.5731607925 -0.5738355214
## 1870 2004-10-20 -0.5738902403 -5.740681e-01 -0.5735797707 -0.5738137271
## 1871 2004-10-21 -0.5725941046 -5.723440e-01 -0.5727969380 -0.5725929997
## 1872 2004-10-22 -0.5759488122 -5.759969e-01 -0.5788611438 -0.5779009730
## 1873 2004-10-25 -0.5783668183 -5.785722e-01 -0.5780672830 -0.5785876270
## 1874 2004-10-26 -0.5782034374 -5.787339e-01 -0.5782988287 -0.5787402165
## 1875 2004-10-27 -0.5787698180 -5.783352e-01 -0.5781775435 -0.5783042458
## 1876 2004-10-28 -0.5781054101 -5.781843e-01 -0.5776042004 -0.5780644596

```

```

## 1877 2004-10-29 -0.5779747083 -5.785291e-01 -0.5777585609 -0.5784132379
## 1878 2004-11-01 -0.5781271951 -5.777748e-01 -0.5775931713 -0.5773560069
## 1879 2004-11-02 -0.5767439208 -5.763309e-01 -0.5765016176 -0.5761134798
## 1880 2004-11-03 -0.5749031894 -5.751133e-01 -0.5760385305 -0.5764622624
## 1881 2004-11-04 -0.5765151917 -5.754689e-01 -0.5760826350 -0.5753832273
## 1882 2004-11-05 -0.5747724876 -5.753611e-01 -0.5755313435 -0.5757647025
## 1883 2004-11-08 -0.5753715418 -5.751564e-01 -0.5747595344 -0.5749363551
## 1884 2004-11-09 -0.5749031894 -5.749086e-01 -0.5747815861 -0.5748491583
## 1885 2004-11-10 -0.5740100524 -5.737987e-01 -0.5735356663 -0.5740971073
## 1886 2004-11-11 -0.5739120252 -5.736263e-01 -0.5737451604 -0.5732905552
## 1887 2004-11-12 -0.5728664025 -5.715359e-01 -0.5722456466 -0.5715139689
## 1888 2004-11-15 -0.5713306426 -5.709324e-01 -0.5709445988 -0.5710452981
## 1889 2004-11-16 -0.5712870738 -5.718376e-01 -0.5714187094 -0.5719390414
## 1890 2004-11-17 -0.5713959908 -5.719130e-01 -0.5716502507 -0.5721243277
## 1891 2004-11-18 -0.5721257512 -5.715143e-01 -0.5715951227 -0.5716120628
## 1892 2004-11-19 -0.5727574801 -5.731522e-01 -0.5731387398 -0.5735957395
## 1893 2004-11-22 -0.5735308093 -5.741327e-01 -0.5738113120 -0.5741407057
## 1894 2004-11-23 -0.5738139980 -5.728936e-01 -0.5733151530 -0.5738573211
## 1895 2004-11-24 -0.5730624570 -5.734539e-01 -0.5732379733 -0.5733777520
## 1896 2004-11-26 -0.5729753195 -5.732599e-01 -0.5723669318 -0.5730071750
## 1897 2004-11-29 -0.5722673483 -5.729582e-01 -0.5736679796 -0.5731706660
## 1898 2004-11-30 -0.5729535356 -5.727643e-01 -0.5723007746 -0.5723641150
## 1899 2004-12-01 -0.5718316695 -5.725488e-01 -0.5719700008 -0.5720371353
## 1900 2004-12-02 -0.5722237795 -5.717514e-01 -0.5719369245 -0.5718300504
## 1901 2004-12-03 -0.5714395595 -5.720531e-01 -0.5716502507 -0.5719172428
## 1902 2004-12-06 -0.5721257512 -5.725703e-01 -0.5720802569 -0.5725711999
## 1903 2004-12-07 -0.5724307237 -5.728181e-01 -0.5732931014 -0.5739772136
## 1904 2004-12-08 -0.5736615112 -5.735185e-01 -0.5733592531 -0.5734104489
## 1905 2004-12-09 -0.5735743737 -5.726026e-01 -0.5731607925 -0.5722115245
## 1906 2004-12-10 -0.5723326965 -5.724410e-01 -0.5722456466 -0.5730507734
## 1907 2004-12-13 -0.5725614256 -5.722470e-01 -0.5724441115 -0.5722006230
## 1908 2004-12-14 -0.5716682886 -5.720423e-01 -0.5712092198 -0.5715357676
## 1909 2004-12-15 -0.5714613444 -5.714712e-01 -0.5709115224 -0.5709254044
## 1910 2004-12-16 -0.5708949638 -5.714712e-01 -0.5714628138 -0.5719608412
## 1911 2004-12-17 -0.5716573989 -5.723117e-01 -0.5712864006 -0.5720044395
## 1912 2004-12-20 -0.5719079129 -5.720208e-01 -0.5724551362 -0.5731597645
## 1913 2004-12-21 -0.5730951316 -5.731737e-01 -0.5726425775 -0.5726801964
## 1914 2004-12-22 -0.5733456446 -5.729905e-01 -0.5727418100 -0.5725385042
## 1915 2004-12-23 -0.5725505359 -5.730660e-01 -0.5723338554 -0.5731815642
## 1916 2004-12-27 -0.5723544814 -5.693915e-01 -0.5717274315 -0.5695629891
## 1917 2004-12-28 -0.5675838207 -5.670317e-01 -0.5672840236 -0.5669689493
## 1918 2004-12-29 -0.5666580101 -5.664283e-01 -0.5662475968 -0.5667618632
## 1919 2004-12-30 -0.56663857123 -5.665899e-01 -0.5661263127 -0.5665983723
## 1920 2004-12-31 -0.5662441163 -5.666330e-01 -0.5665563189 -0.5673395262
## 1921 2005-01-03 -0.5664401707 -5.666869e-01 -0.5665011909 -0.5670888429
## 1922 2005-01-04 -0.5689235305 -5.690360e-01 -0.5694891894 -0.5696828828
## 1923 2005-01-05 -0.5701216390 -5.695747e-01 -0.5694230333 -0.5700861566
## 1924 2005-01-06 -0.5698602319 -5.701243e-01 -0.5701507369 -0.5708709089
## 1925 2005-01-07 -0.5703285842 -5.696502e-01 -0.5698640676 -0.5694866939
## 1926 2005-01-10 -0.5697186392 -5.693592e-01 -0.5692576481 -0.5700098613

```

```

## 1927 2005-01-11 -0.5703067993 -5.702213e-01 -0.5700294572 -0.5702278489
## 1928 2005-01-12 -0.5702087721 -5.698764e-01 -0.5702389457 -0.5695084936
## 1929 2005-01-13 -0.5691631494 -5.676136e-01 -0.5685630198 -0.5691815150
## 1930 2005-01-14 -0.5686730121 -5.675274e-01 -0.5685409670 -0.5670561460
## 1931 2005-01-18 -0.5671590371 -5.671610e-01 -0.5665673426 -0.5670234448
## 1932 2005-01-19 -0.5669629826 -5.674412e-01 -0.5673612044 -0.5676992061
## 1933 2005-01-20 -0.5699691532 -5.682817e-01 -0.5693348289 -0.5694430955
## 1934 2005-01-21 -0.5696641764 -5.698010e-01 -0.5700184292 -0.5707510153
## 1935 2005-01-24 -0.5702632349 -5.704475e-01 -0.5708012619 -0.5716011613
## 1936 2005-01-25 -0.5711345881 -5.709971e-01 -0.5706469003 -0.5709908015
## 1937 2005-01-26 -0.5705464236 -5.706092e-01 -0.5708563943 -0.5705548275
## 1938 2005-01-27 -0.5704483964 -5.699626e-01 -0.5698861203 -0.5694975921
## 1939 2005-01-28 -0.5695552594 -5.693161e-01 -0.5694561130 -0.5695956860
## 1940 2005-01-31 -0.5691740435 -5.688635e-01 -0.5684637873 -0.5685057538
## 1941 2005-02-01 -0.5685640952 -5.690252e-01 -0.5685189153 -0.5693123047
## 1942 2005-02-02 -0.5685096367 -5.687342e-01 -0.5701948413 -0.5699662630
## 1943 2005-02-03 -0.5773865438 -5.769775e-01 -0.5771741931 -0.5766475487
## 1944 2005-02-04 -0.5765696502 -5.768805e-01 -0.5764464884 -0.5766802456
## 1945 2005-02-07 -0.57638444898 -5.770313e-01 -0.5760495586 -0.5767129458
## 1946 2005-02-08 -0.5766894623 -5.762986e-01 -0.5760716102 -0.5760480871
## 1947 2005-02-09 -0.5756982981 -5.759969e-01 -0.5756967321 -0.5764949593
## 1948 2005-02-10 -0.5761121920 -5.767404e-01 -0.5760716102 -0.5766148519
## 1949 2005-02-11 -0.5766567877 -5.769128e-01 -0.5766559781 -0.5766148519
## 1950 2005-02-14 -0.5765696502 -5.761801e-01 -0.5761046866 -0.5763423688
## 1951 2005-02-15 -0.5759597062 -5.763740e-01 -0.5758290409 -0.5762224762
## 1952 2005-02-16 -0.5762646788 -5.764818e-01 -0.5760164778 -0.5767456426
## 1953 2005-02-17 -0.5764716230 -5.770206e-01 -0.5763803323 -0.5767129458
## 1954 2005-02-18 -0.5766132189 -5.771283e-01 -0.5765457220 -0.5771271178
## 1955 2005-02-22 -0.5772558430 -5.775162e-01 -0.5771962459 -0.5777701779
## 1956 2005-02-23 -0.5773320853 -5.779688e-01 -0.5786406261 -0.5784023407
## 1957 2005-02-24 -0.5787371434 -5.780981e-01 -0.5781334391 -0.5778028780
## 1958 2005-02-25 -0.5775825993 -5.776886e-01 -0.5772293211 -0.5774758951
## 1959 2005-02-28 -0.5775825993 -5.772253e-01 -0.5770198326 -0.5772688101
## 1960 2005-03-01 -0.5772122742 -5.774947e-01 -0.5768544430 -0.5770399254
## 1961 2005-03-02 -0.5768528432 -5.769344e-01 -0.5765787973 -0.5769200318
## 1962 2005-03-03 -0.5767330311 -5.769020e-01 -0.5762149427 -0.5767565398
## 1963 2005-03-04 -0.5763627060 -5.765249e-01 -0.5758841689 -0.5765385577
## 1964 2005-03-07 -0.5762537879 -5.764279e-01 -0.5757628848 -0.5760262874
## 1965 2005-03-08 -0.5758507849 -5.763956e-01 -0.5758290409 -0.5765603520
## 1966 2005-03-09 -0.5764716230 -5.769344e-01 -0.5767662341 -0.5770290228
## 1967 2005-03-10 -0.5769399764 -5.771714e-01 -0.5771300887 -0.5775630918
## 1968 2005-03-11 -0.5774845721 -5.780766e-01 -0.5777034329 -0.5777374810
## 1969 2005-03-14 -0.5776370622 -5.782059e-01 -0.5777585609 -0.5779009730
## 1970 2005-03-15 -0.5777350850 -5.780981e-01 -0.5778688170 -0.5783587424
## 1971 2005-03-16 -0.5784975202 -5.785399e-01 -0.5781995963 -0.5786966225
## 1972 2005-03-17 -0.5788242765 -5.785399e-01 -0.5782216435 -0.5785876270
## 1973 2005-03-18 -0.5782034374 -5.787123e-01 -0.5781444627 -0.5783805410
## 1974 2005-03-21 -0.5781380892 -5.783352e-01 -0.5782657479 -0.5789146100
## 1975 2005-03-22 -0.5786935746 -5.790787e-01 -0.5787839630 -0.5794813704
## 1976 2005-03-23 -0.5793579825 -5.791864e-01 -0.5790596087 -0.5794486746

```

```

## 1977 2005-03-24 -0.5790203310 -5.791433e-01 -0.5790044807 -0.5797756532
## 1978 2005-03-28 -0.5793470928 -5.793912e-01 -0.5788390921 -0.5792197899
## 1979 2005-03-29 -0.5791510372 -5.788524e-01 -0.5786075497 -0.5791761916
## 1980 2005-03-30 -0.5788133868 -5.784537e-01 -0.5782988287 -0.5782061519
## 1981 2005-03-31 -0.5778331123 -5.784214e-01 -0.5777585609 -0.5782606485
## 1982 2005-04-01 -0.5776806266 -5.782490e-01 -0.5780011303 -0.5785440330
## 1983 2005-04-04 -0.5783668183 -5.777425e-01 -0.5779680506 -0.5774649979
## 1984 2005-04-05 -0.5770271128 -5.775701e-01 -0.5766670017 -0.5771598180
## 1985 2005-04-06 -0.5771687098 -5.777210e-01 -0.5770749606 -0.5776611857
## 1986 2005-04-07 -0.5776261681 -5.780227e-01 -0.5772072695 -0.5775739890
## 1987 2005-04-08 -0.5775499247 -5.780119e-01 -0.5771300887 -0.5779009730
## 1988 2005-04-11 -0.5777133056 -5.779365e-01 -0.5773616300 -0.5779009730
## 1989 2005-04-12 -0.5779311395 -5.783244e-01 -0.5781334391 -0.5778682718
## 1990 2005-04-13 -0.5779856034 -5.782490e-01 -0.5775931713 -0.5782279516
## 1991 2005-04-14 -0.5780836307 -5.784752e-01 -0.5778908698 -0.5785876270
## 1992 2005-04-15 -0.5784103870 -5.790140e-01 -0.5788390921 -0.5796230638
## 1993 2005-04-18 -0.5795649267 -5.794666e-01 -0.5790375571 -0.5796448624
## 1994 2005-04-19 -0.5792599553 -5.796929e-01 -0.5799527031 -0.5798846486
## 1995 2005-04-20 -0.5793470928 -5.792726e-01 -0.5789713999 -0.5793723794
## 1996 2005-04-21 -0.5789114140 -5.791325e-01 -0.5789824290 -0.5788492119
## 1997 2005-04-22 -0.5789223037 -5.794127e-01 -0.5789603763 -0.5796012640
## 1998 2005-04-25 -0.5793144138 -5.794558e-01 -0.5788060158 -0.5790671994
## 1999 2005-04-26 -0.5789876574 -5.790356e-01 -0.5793242264 -0.5799609439
## 2000 2005-04-27 -0.5818086633 -5.814493e-01 -0.5815073427 -0.5810399768
## 2001 2005-04-28 -0.5809155263 -5.801778e-01 -0.5803716834 -0.5801680299
## 2002 2005-04-29 -0.5796084954 -5.802101e-01 -0.5804929665 -0.5803424180
## 2003 2005-05-02 -0.5802184448 -5.797899e-01 -0.5798534706 -0.5795358714
## 2004 2005-05-03 -0.5795213623 -5.794881e-01 -0.5789824290 -0.5794159777
## 2005 2005-05-04 -0.5790747949 -5.788847e-01 -0.5785634464 -0.5785985286
## 2006 2005-05-05 -0.5784103870 -5.788201e-01 -0.5782106199 -0.5785985286
## 2007 2005-05-06 -0.5781054101 -5.782705e-01 -0.5776042004 -0.5779881654
## 2008 2005-05-09 -0.5779311395 -5.781520e-01 -0.5774829152 -0.5778573746
## 2009 2005-05-10 -0.5779311395 -5.785076e-01 -0.5777365093 -0.5783042458
## 2010 2005-05-11 -0.5780400619 -5.784645e-01 -0.5781444627 -0.5787511180
## 2011 2005-05-12 -0.5786935746 -5.788847e-01 -0.5782547243 -0.5787184222
## 2012 2005-05-13 -0.5783777080 -5.786369e-01 -0.5779790786 -0.5786639212
## 2013 2005-05-16 -0.5783341436 -5.781843e-01 -0.5778467698 -0.5779663657
## 2014 2005-05-17 -0.5778766810 -5.781304e-01 -0.5776593285 -0.5777592796
## 2015 2005-05-18 -0.5774845721 -5.768913e-01 -0.5769536754 -0.5771053181
## 2016 2005-05-19 -0.5768746271 -5.769559e-01 -0.5762921235 -0.5768219379
## 2017 2005-05-20 -0.5767874896 -5.772899e-01 -0.5767000825 -0.5769200318
## 2018 2005-05-23 -0.5766567877 -5.768374e-01 -0.5762259718 -0.5767238440
## 2019 2005-05-24 -0.5767548149 -5.773223e-01 -0.5765126412 -0.5768764334
## 2020 2005-05-25 -0.5769835451 -5.774516e-01 -0.5764464884 -0.5771925149
## 2021 2005-05-26 -0.5769726543 -5.772037e-01 -0.5764685412 -0.5769745273
## 2022 2005-05-27 -0.5770380036 -5.773438e-01 -0.5764905884 -0.5769200318
## 2023 2005-05-31 -0.5768855168 -5.768158e-01 -0.5763362279 -0.5769091347
## 2024 2005-06-01 -0.5766567877 -5.757922e-01 -0.5761708427 -0.5758300996
## 2025 2005-06-02 -0.5758290000 -5.758784e-01 -0.5753218539 -0.5759281935
## 2026 2005-06-03 -0.5756874084 -5.763202e-01 -0.5763031515 -0.5768219379

```

```

## 2027 2005-06-06 -0.5766894623 -5.768374e-01 -0.5761267383 -0.5766257501
## 2028 2005-06-07 -0.5762864626 -5.766434e-01 -0.5763362279 -0.5770835238
## 2029 2005-06-08 -0.5768419481 -5.774193e-01 -0.5768764957 -0.5776502842
## 2030 2005-06-09 -0.5773538702 -5.776348e-01 -0.5773175256 -0.5772470104
## 2031 2005-06-10 -0.5770053290 -5.776240e-01 -0.5772403459 -0.5775194934
## 2032 2005-06-13 -0.5776370622 -5.774947e-01 -0.5770418799 -0.5776066902
## 2033 2005-06-14 -0.5774736813 -5.777533e-01 -0.5768875194 -0.5774213995
## 2034 2005-06-15 -0.5769073017 -5.774947e-01 -0.5771852178 -0.5772034120
## 2035 2005-06-16 -0.5770597874 -5.770637e-01 -0.5764795648 -0.5768328350
## 2036 2005-06-17 -0.5763082475 -5.767835e-01 -0.5764795648 -0.5771271178
## 2037 2005-06-20 -0.5772231683 -5.768913e-01 -0.5766118736 -0.5767129458
## 2038 2005-06-21 -0.5766241141 -5.770637e-01 -0.5763472560 -0.5770508226
## 2039 2005-06-22 -0.5767330311 -5.770206e-01 -0.5765016176 -0.5772252117
## 2040 2005-06-23 -0.5771251411 -5.773330e-01 -0.5765457220 -0.5769963271
## 2041 2005-06-24 -0.5769508705 -5.774624e-01 -0.5767882869 -0.5774431993
## 2042 2005-06-27 -0.5773756540 -5.778826e-01 -0.5775711240 -0.5780099640
## 2043 2005-06-28 -0.5777133056 -5.783352e-01 -0.5782106199 -0.5788710116
## 2044 2005-06-29 -0.5786935746 -5.789386e-01 -0.5785634464 -0.5792633883
## 2045 2005-06-30 -0.5789440887 -5.794881e-01 -0.5789383246 -0.5795467685
## 2046 2005-07-01 -0.5791946016 -5.798006e-01 -0.5790926851 -0.5797429563
## 2047 2005-07-05 -0.5789114140 -5.784968e-01 -0.5783649804 -0.5784677334
## 2048 2005-07-06 -0.5783559285 -5.785830e-01 -0.5779129214 -0.5784895331
## 2049 2005-07-07 -0.5785846577 -5.784645e-01 -0.5779790786 -0.5785985286
## 2050 2005-07-08 -0.5782470061 -5.782059e-01 -0.5779239506 -0.5777483781
## 2051 2005-07-11 -0.5775825993 -5.772037e-01 -0.5770970134 -0.5768219379
## 2052 2005-07-12 -0.5767439208 -5.762771e-01 -0.5761487910 -0.5760371856
## 2053 2005-07-13 -0.5758943537 -5.762663e-01 -0.5753439055 -0.5758192024
## 2054 2005-07-14 -0.5748922986 -5.753288e-01 -0.5745831211 -0.5750780474
## 2055 2005-07-15 -0.5747180291 -5.752426e-01 -0.5747264580 -0.5751216414
## 2056 2005-07-18 -0.5751537024 -5.755767e-01 -0.5747154344 -0.5750780474
## 2057 2005-07-19 -0.5746853501 -5.745207e-01 -0.5747926141 -0.5740099149
## 2058 2005-07-20 -0.5745655379 -5.744345e-01 -0.5741200385 -0.5740099149
## 2059 2005-07-21 -0.5729644297 -5.728181e-01 -0.5736128515 -0.5742496967
## 2060 2005-07-22 -0.5741298646 -5.744560e-01 -0.5741861902 -0.5742496967
## 2061 2005-07-25 -0.5740100524 -5.735832e-01 -0.5735136191 -0.5742496967
## 2062 2005-07-26 -0.5737704292 -5.738957e-01 -0.5736569515 -0.5744785814
## 2063 2005-07-27 -0.5696423969 -5.685187e-01 -0.5691143112 -0.5680370818
## 2064 2005-07-28 -0.5679759307 -5.662882e-01 -0.5674273605 -0.5658245215
## 2065 2005-07-29 -0.5660480618 -5.663529e-01 -0.5660601555 -0.5664021834
## 2066 2005-08-01 -0.5665164141 -5.669563e-01 -0.5663468304 -0.5666419707
## 2067 2005-08-02 -0.5664946292 -5.650383e-01 -0.5657624582 -0.5649198799
## 2068 2005-08-03 -0.5652856311 -5.658895e-01 -0.5647039797 -0.5653558496
## 2069 2005-08-04 -0.5657866580 -5.663313e-01 -0.5651670667 -0.5660643077
## 2070 2005-08-05 -0.5661134144 -5.663960e-01 -0.5654427124 -0.5662713937
## 2071 2005-08-08 -0.5660371710 -5.661912e-01 -0.5653434800 -0.5658463202
## 2072 2005-08-09 -0.5655579289 -5.656094e-01 -0.5648032122 -0.5655520384
## 2073 2005-08-10 -0.5659609287 -5.665468e-01 -0.5660822083 -0.5668272614
## 2074 2005-08-11 -0.5667996061 -5.669347e-01 -0.5661814408 -0.5663367908
## 2075 2005-08-12 -0.5667887120 -5.663852e-01 -0.5666776041 -0.5674376201
## 2076 2005-08-15 -0.5675511471 -5.667839e-01 -0.5668650410 -0.5665220771

```

```

## 2077 2005-08-16 -0.5664946292 -5.672257e-01 -0.5665122145 -0.5673613260
## 2078 2005-08-17 -0.5672679584 -5.677752e-01 -0.5666004233 -0.5675248169
## 2079 2005-08-18 -0.5676056056 -5.683463e-01 -0.5672730000 -0.5679498894
## 2080 2005-08-19 -0.5679105825 -5.684864e-01 -0.5674714605 -0.5679607876
## 2081 2005-08-22 -0.5678996873 -5.679476e-01 -0.5679014711 -0.5679062921
## 2082 2005-08-23 -0.5677580913 -5.682709e-01 -0.5675927457 -0.5682877706
## 2083 2005-08-24 -0.5682155539 -5.689713e-01 -0.5686402006 -0.5694321983
## 2084 2005-08-25 -0.5690651221 -5.695316e-01 -0.5688496891 -0.5694975921
## 2085 2005-08-26 -0.5693265303 -5.697148e-01 -0.5686512286 -0.5694321983
## 2086 2005-08-29 -0.5697513139 -5.693161e-01 -0.5690371304 -0.5689744246
## 2087 2005-08-30 -0.5692285030 -5.696286e-01 -0.5689820024 -0.5693014032
## 2088 2005-08-31 -0.5691740435 -5.695208e-01 -0.5688937935 -0.5690725185
## 2089 2005-09-01 -0.5690869071 -5.693484e-01 -0.5692135437 -0.5700098613
## 2090 2005-09-02 -0.5696532866 -5.703398e-01 -0.5699963764 -0.5703695412
## 2091 2005-09-06 -0.5701434239 -5.686157e-01 -0.5694781657 -0.5680697830
## 2092 2005-09-07 -0.5680194994 -5.679153e-01 -0.5673391517 -0.5679498894
## 2093 2005-09-08 -0.5680739579 -5.687881e-01 -0.5680227519 -0.5687891383
## 2094 2005-09-09 -0.5685749849 -5.691006e-01 -0.5680448047 -0.5688000355
## 2095 2005-09-12 -0.5688690677 -5.672041e-01 -0.5681771169 -0.5671106416
## 2096 2005-09-13 -0.5672897433 -5.678291e-01 -0.5673501797 -0.5677319029
## 2097 2005-09-14 -0.5676056056 -5.674520e-01 -0.5680337800 -0.5686365489
## 2098 2005-09-15 -0.5683462558 -5.686804e-01 -0.5682212169 -0.5690616214
## 2099 2005-09-16 -0.5687819345 -5.694023e-01 -0.5688055891 -0.5689635275
## 2100 2005-09-19 -0.5689670949 -5.688528e-01 -0.5687504611 -0.5690180230
## 2101 2005-09-20 -0.5689453100 -5.693053e-01 -0.5691914920 -0.5699771645
## 2102 2005-09-21 -0.5698166675 -5.697040e-01 -0.5697648351 -0.5706529214
## 2103 2005-09-22 -0.5705246387 -5.701027e-01 -0.5705917722 -0.5697482754
## 2104 2005-09-23 -0.5696859613 -5.697256e-01 -0.5694340613 -0.5696283861
## 2105 2005-09-26 -0.5691631494 -5.688635e-01 -0.5684968626 -0.5683749630
## 2106 2005-09-27 -0.5682809076 -5.685295e-01 -0.5680337800 -0.5685711508
## 2107 2005-09-28 -0.5682917973 -5.685187e-01 -0.5678463387 -0.5683422661
## 2108 2005-09-29 -0.5681502013 -5.673765e-01 -0.5676919782 -0.5667945601
## 2109 2005-09-30 -0.5667669271 -5.662559e-01 -0.5660711847 -0.5662386969
## 2110 2005-10-03 -0.5660262769 -5.654477e-01 -0.5654537361 -0.5654648460
## 2111 2005-10-04 -0.5652965208 -5.659542e-01 -0.5661814408 -0.5666419707
## 2112 2005-10-05 -0.5664837395 -5.668485e-01 -0.5668540174 -0.5671215387
## 2113 2005-10-06 -0.5668649554 -5.673658e-01 -0.5674714605 -0.5676447105
## 2114 2005-10-07 -0.5671808220 -5.675813e-01 -0.5674163325 -0.5679607876
## 2115 2005-10-10 -0.5676709582 -5.678291e-01 -0.5671958148 -0.5679171936
## 2116 2005-10-11 -0.5675620412 -5.678938e-01 -0.5675817210 -0.5683095649
## 2117 2005-10-12 -0.5686621224 -5.685834e-01 -0.5684527626 -0.5692360105
## 2118 2005-10-13 -0.5691849343 -5.693377e-01 -0.5690481540 -0.5691597153
## 2119 2005-10-14 -0.5685640952 -5.683787e-01 -0.5685630198 -0.5678844924
## 2120 2005-10-17 -0.5678779035 -5.671395e-01 -0.5671517148 -0.5665438768
## 2121 2005-10-18 -0.5664728498 -5.671072e-01 -0.5664019584 -0.5669471495
## 2122 2005-10-19 -0.5668867392 -5.662343e-01 -0.5664240101 -0.5656283326
## 2123 2005-10-20 -0.5654054378 -5.660081e-01 -0.5659829758 -0.5665547783
## 2124 2005-10-21 -0.5656559562 -5.660296e-01 -0.5654647597 -0.5655302387
## 2125 2005-10-24 -0.5651658189 -5.650490e-01 -0.5646819269 -0.5644621062
## 2126 2005-10-25 -0.5643380312 -5.650059e-01 -0.5644834620 -0.5652904569

```

```

## 2127 2005-10-26 -0.5707424781 -5.713635e-01 -0.5717164068 -0.5722878197
## 2128 2005-10-27 -0.5722237795 -5.726565e-01 -0.5724000071 -0.5730398719
## 2129 2005-10-28 -0.5723218068 -5.729259e-01 -0.5725543687 -0.5731597645
## 2130 2005-10-31 -0.5725396462 -5.721285e-01 -0.5721133377 -0.5721679261
## 2131 2005-11-01 -0.5718643442 -5.717514e-01 -0.5715289655 -0.5716120628
## 2132 2005-11-02 -0.5715158029 -5.712234e-01 -0.5713635814 -0.5711978875
## 2133 2005-11-03 -0.5708622902 -5.703937e-01 -0.5702058704 -0.5703150413
## 2134 2005-11-04 -0.5702087721 -5.706092e-01 -0.5701397133 -0.5708273105
## 2135 2005-11-07 -0.5706553406 -5.709648e-01 -0.5705366442 -0.5705003319
## 2136 2005-11-08 -0.5703830427 -5.702751e-01 -0.5700074044 -0.5698899677
## 2137 2005-11-09 -0.5698820157 -5.703937e-01 -0.5697317587 -0.5704894294
## 2138 2005-11-10 -0.5702305570 -5.699088e-01 -0.5701948413 -0.5696392844
## 2139 2005-11-11 -0.5692502869 -5.692730e-01 -0.5686622522 -0.5690943183
## 2140 2005-11-14 -0.5690869071 -5.693161e-01 -0.5685630198 -0.5692578092
## 2141 2005-11-15 -0.5658846853 -5.664606e-01 -0.5662586216 -0.5671651371
## 2142 2005-11-16 -0.5671808220 -5.667300e-01 -0.5664681101 -0.5662386969
## 2143 2005-11-17 -0.5659173599 -5.652645e-01 -0.5652332184 -0.5646691911
## 2144 2005-11-18 -0.5643162463 -5.639284e-01 -0.5637998617 -0.5633176773
## 2145 2005-11-21 -0.5635864902 -5.635944e-01 -0.5631162615 -0.5633067758
## 2146 2005-11-22 -0.5636627336 -5.628401e-01 -0.5630501054 -0.5623694385
## 2147 2005-11-23 -0.5622794605 -5.628940e-01 -0.5622231682 -0.5630342928
## 2148 2005-11-25 -0.5630636794 -5.634112e-01 -0.5627413833 -0.5632304817
## 2149 2005-11-28 -0.5629547570 -5.627215e-01 -0.5627413833 -0.5629144046
## 2150 2005-11-29 -0.5627804874 -5.623875e-01 -0.5621900919 -0.5626964170
## 2151 2005-11-30 -0.5625953260 -5.631957e-01 -0.5628185641 -0.5627945109
## 2152 2005-12-01 -0.5621596483 -5.624198e-01 -0.5616277724 -0.5622059464
## 2153 2005-12-02 -0.5621160839 -5.622797e-01 -0.5618813653 -0.5621405494
## 2154 2005-12-05 -0.5621814321 -5.624737e-01 -0.5614954635 -0.5623912327
## 2155 2005-12-06 -0.5619635939 -5.618811e-01 -0.5611536617 -0.5619225662
## 2156 2005-12-07 -0.5616912960 -5.623444e-01 -0.5620026506 -0.5623912327
## 2157 2005-12-08 -0.5622141068 -5.627431e-01 -0.5624767612 -0.5629144046
## 2158 2005-12-09 -0.5624101613 -5.628077e-01 -0.5620467550 -0.5624893267
## 2159 2005-12-12 -0.5618655655 -5.625276e-01 -0.5616167488 -0.5621296512
## 2160 2005-12-13 -0.5625299734 -5.621289e-01 -0.5617931609 -0.5616609803
## 2161 2005-12-14 -0.5618111071 -5.622043e-01 -0.5614513591 -0.5617590742
## 2162 2005-12-15 -0.5614843507 -5.618272e-01 -0.5611646898 -0.5616827790
## 2163 2005-12-16 -0.5615932677 -5.618595e-01 -0.5609882765 -0.5619770618
## 2164 2005-12-19 -0.5620398362 -5.617733e-01 -0.5619695742 -0.5628926049
## 2165 2005-12-20 -0.5626171109 -5.632819e-01 -0.5626752272 -0.5631432893
## 2166 2005-12-21 -0.5628022713 -5.627862e-01 -0.5625649700 -0.5622386433
## 2167 2005-12-22 -0.5621378634 -5.625491e-01 -0.5619254698 -0.5619661603
## 2168 2005-12-23 -0.5619309192 -5.624306e-01 -0.5615285399 -0.5619661603
## 2169 2005-12-27 -0.5621378634 -5.627431e-01 -0.5619254698 -0.5626855155
## 2170 2005-12-28 -0.5625844319 -5.633357e-01 -0.5624326568 -0.5632304817
## 2171 2005-12-29 -0.5629765419 -5.634327e-01 -0.5623554771 -0.5633067758
## 2172 2005-12-30 -0.5634122196 -5.637129e-01 -0.5632706231 -0.5642223189
## 2173 2006-01-03 -0.5636954083 -5.640900e-01 -0.5642519207 -0.5637536481
## 2174 2006-01-04 -0.5636736234 -5.642193e-01 -0.5637667854 -0.5641133279
## 2175 2006-01-05 -0.5640330587 -5.637129e-01 -0.5633036983 -0.5636773528
## 2176 2006-01-06 -0.5631508125 -5.633034e-01 -0.5630721570 -0.5634375710

```

```

## 2177 2006-01-09 -0.5646974666 -5.648982e-01 -0.5640865311 -0.5642986142
## 2178 2006-01-10 -0.5648499523 -5.652753e-01 -0.5652332184 -0.5658572173
## 2179 2006-01-11 -0.5656777356 -5.664067e-01 -0.5664460628 -0.5666419707
## 2180 2006-01-12 -0.5666144414 -5.670640e-01 -0.5666334997 -0.5672632310
## 2181 2006-01-13 -0.5669629826 -5.673227e-01 -0.5667327322 -0.5672196326
## 2182 2006-01-17 -0.5675293622 -5.678938e-01 -0.5671076104 -0.5676556077
## 2183 2006-01-18 -0.5683571499 -5.676028e-01 -0.5677250590 -0.5673068294
## 2184 2006-01-19 -0.5669411977 -5.669024e-01 -0.5664019584 -0.5671651371
## 2185 2006-01-20 -0.5672243897 -5.678507e-01 -0.5676147974 -0.5677428044
## 2186 2006-01-23 -0.5672788493 -5.674304e-01 -0.5672840236 -0.5679498894
## 2187 2006-01-24 -0.5678452288 -5.677752e-01 -0.5673722325 -0.5676338090
## 2188 2006-01-25 -0.5674204452 -5.677321e-01 -0.5674604369 -0.5680915828
## 2189 2006-01-26 -0.5675293622 -5.673981e-01 -0.5669642735 -0.5669144538
## 2190 2006-01-27 -0.5668758495 -5.669240e-01 -0.5661483644 -0.5663258893
## 2191 2006-01-30 -0.5659391438 -5.661158e-01 -0.5659168187 -0.5666092738
## 2192 2006-01-31 -0.5666471204 -5.669347e-01 -0.5664570865 -0.5667618632
## 2193 2006-02-01 -0.5675620412 -5.674951e-01 -0.5672840236 -0.5676774063
## 2194 2006-02-02 -0.5676491743 -5.681955e-01 -0.5713635814 -0.5690289201
## 2195 2006-02-03 -0.5743368088 -5.741651e-01 -0.5740428577 -0.5738355214
## 2196 2006-02-06 -0.5736397274 -5.743375e-01 -0.5736018235 -0.5742496967
## 2197 2006-02-07 -0.5739120252 -5.744883e-01 -0.5742302946 -0.5747183687
## 2198 2006-02-08 -0.5743368088 -5.742836e-01 -0.5743295271 -0.5740099149
## 2199 2006-02-09 -0.5733456446 -5.736263e-01 -0.5734254102 -0.5742060983
## 2200 2006-02-10 -0.5740318363 -5.741435e-01 -0.5740428577 -0.5736284364
## 2201 2006-02-13 -0.5737377546 -5.742513e-01 -0.5738664445 -0.5743477906
## 2202 2006-02-14 -0.5739664837 -5.741758e-01 -0.5740318297 -0.5739227181
## 2203 2006-02-15 -0.5737486443 -5.733246e-01 -0.5732379733 -0.5728218887
## 2204 2006-02-16 -0.5725178612 -5.725488e-01 -0.5724330834 -0.5729417769
## 2205 2006-02-17 -0.5729971044 -5.732168e-01 -0.5723448790 -0.5728981829
## 2206 2006-02-21 -0.5729099713 -5.735078e-01 -0.5730615601 -0.5738791197
## 2207 2006-02-22 -0.5736724020 -5.735185e-01 -0.5736679796 -0.5734104489
## 2208 2006-02-23 -0.5733347548 -5.738957e-01 -0.5734915663 -0.5743041922
## 2209 2006-02-24 -0.5737377546 -5.742620e-01 -0.5735025899 -0.5738137271
## 2210 2006-02-27 -0.5735743737 -5.738634e-01 -0.5734254102 -0.5741843040
## 2211 2006-02-28 -0.5742387816 -5.746069e-01 -0.5743956843 -0.5748055643
## 2212 2006-03-01 -0.5746091067 -5.750379e-01 -0.5746162019 -0.5751543426
## 2213 2006-03-02 -0.5765805454 -5.757814e-01 -0.5762480235 -0.5754159242
## 2214 2006-03-03 -0.5752190561 -5.748870e-01 -0.5748146669 -0.5750562487
## 2215 2006-03-06 -0.5747507026 -5.751564e-01 -0.5747044064 -0.5754377229
## 2216 2006-03-07 -0.5754151105 -5.753288e-01 -0.5747815861 -0.5753614287
## 2217 2006-03-08 -0.5754042164 -5.752749e-01 -0.5748808185 -0.5754922195
## 2218 2006-03-09 -0.5753170833 -5.758245e-01 -0.5756636513 -0.5762442749
## 2219 2006-03-10 -0.5759270272 -5.763202e-01 -0.5758400645 -0.5761352795
## 2220 2006-03-13 -0.5758507849 -5.761801e-01 -0.5755864716 -0.5761679796
## 2221 2006-03-14 -0.5761448666 -5.757814e-01 -0.5755423716 -0.5753832273
## 2222 2006-03-15 -0.5751537024 -5.757814e-01 -0.5750792845 -0.5754050271
## 2223 2006-03-16 -0.5750121064 -5.753611e-01 -0.5747374816 -0.5755358178
## 2224 2006-03-17 -0.5752299458 -5.758029e-01 -0.5757187848 -0.5763859628
## 2225 2006-03-20 -0.5762755729 -5.754904e-01 -0.5757739129 -0.5761243813
## 2226 2006-03-21 -0.5762755729 -5.760723e-01 -0.5759282734 -0.5764622624

```

```

## 2227 2006-03-22 -0.5761884354 -5.762771e-01 -0.5757849365 -0.5763750657
## 2228 2006-03-23 -0.5762320041 -5.764926e-01 -0.5761267383 -0.5767238440
## 2229 2006-03-24 -0.5764934079 -5.767296e-01 -0.5763141763 -0.5769527287
## 2230 2006-03-27 -0.5767330311 -5.772253e-01 -0.5765016176 -0.5771925149
## 2231 2006-03-28 -0.5770488977 -5.768374e-01 -0.5764354604 -0.5767129458
## 2232 2006-03-29 -0.5765260858 -5.759861e-01 -0.5763141763 -0.5760262874
## 2233 2006-03-30 -0.5756982981 -5.758891e-01 -0.5753549303 -0.5756448132
## 2234 2006-03-31 -0.5754477852 -5.760292e-01 -0.5750241554 -0.5757974027
## 2235 2006-04-03 -0.5754586793 -5.754258e-01 -0.5754431391 -0.5762224762
## 2236 2006-04-04 -0.5760359496 -5.756736e-01 -0.5755313435 -0.5755358178
## 2237 2006-04-05 -0.5754695690 -5.754150e-01 -0.5752556978 -0.5749145565
## 2238 2006-04-06 -0.5748814045 -5.737987e-01 -0.5743074754 -0.5736393379
## 2239 2006-04-07 -0.5734109982 -5.739819e-01 -0.5744508123 -0.5751870395
## 2240 2006-04-10 -0.5749358630 -5.754797e-01 -0.5753108258 -0.5757102059
## 2241 2006-04-11 -0.5755240275 -5.760508e-01 -0.5760826350 -0.5763096686
## 2242 2006-04-12 -0.5762864626 -5.763848e-01 -0.5756526276 -0.5762333734
## 2243 2006-04-13 -0.5762428938 -5.760831e-01 -0.5761157102 -0.5756993088
## 2244 2006-04-17 -0.5756765143 -5.761909e-01 -0.5766008500 -0.5771707162
## 2245 2006-04-18 -0.5768528432 -5.763740e-01 -0.5764354604 -0.5760698857
## 2246 2006-04-19 -0.5760577335 -5.758245e-01 -0.5756746804 -0.5754050271
## 2247 2006-04-20 -0.5754260003 -5.755659e-01 -0.5752998011 -0.5760044887
## 2248 2006-04-21 -0.5755131377 -5.760184e-01 -0.5758621173 -0.5763423688
## 2249 2006-04-24 -0.5760577335 -5.767296e-01 -0.5763031515 -0.5766039504
## 2250 2006-04-25 -0.5766350039 -5.771068e-01 -0.5766449544 -0.5768655363
## 2251 2006-04-26 -0.5769073017 -5.764818e-01 -0.5764905884 -0.5766039504
## 2252 2006-04-27 -0.5767221414 -5.769990e-01 -0.5763252043 -0.5766584459
## 2253 2006-04-28 -0.5764389494 -5.769775e-01 -0.5765016176 -0.5772361132
## 2254 2006-05-01 -0.5770706815 -5.773223e-01 -0.5772734256 -0.5779118701
## 2255 2006-05-02 -0.5776697368 -5.780011e-01 -0.5775049669 -0.5781407548
## 2256 2006-05-03 -0.5780509517 -5.785938e-01 -0.5782988287 -0.5785985286
## 2257 2006-05-04 -0.5776915207 -5.782382e-01 -0.5773395783 -0.5780426609
## 2258 2006-05-05 -0.5776588416 -5.778934e-01 -0.5775931713 -0.5774213995
## 2259 2006-05-08 -0.5772885166 -5.776024e-01 -0.5772403459 -0.5778028780
## 2260 2006-05-09 -0.5779093600 -5.776563e-01 -0.5775270196 -0.5776393871
## 2261 2006-05-10 -0.5776261681 -5.779365e-01 -0.5776483048 -0.5783805410
## 2262 2006-05-11 -0.5782361164 -5.788524e-01 -0.5787729350 -0.5790671994
## 2263 2006-05-12 -0.5788460614 -5.792511e-01 -0.5793573072 -0.5799391441
## 2264 2006-05-15 -0.5799461470 -5.802532e-01 -0.5797321854 -0.5798846486
## 2265 2006-05-16 -0.5796302804 -5.800700e-01 -0.5796109002 -0.5799064483
## 2266 2006-05-17 -0.5800550639 -5.804148e-01 -0.5804819395 -0.5811598672
## 2267 2006-05-18 -0.5808610678 -5.794019e-01 -0.5804929665 -0.5800699349
## 2268 2006-05-19 -0.5798263348 -5.790140e-01 -0.5799306503 -0.5786203272
## 2269 2006-05-22 -0.5784103870 -5.779472e-01 -0.5786626789 -0.5776502842
## 2270 2006-05-23 -0.5772776268 -5.768589e-01 -0.5780231830 -0.5788165161
## 2271 2006-05-24 -0.5790094412 -5.776886e-01 -0.5784531892 -0.5772579119
## 2272 2006-05-25 -0.5768855168 -5.771930e-01 -0.5770970134 -0.5767783395
## 2273 2006-05-26 -0.5765587605 -5.763202e-01 -0.5761487910 -0.5762987704
## 2274 2006-05-30 -0.5764825171 -5.771283e-01 -0.5772734256 -0.5778573746
## 2275 2006-05-31 -0.5775608144 -5.780011e-01 -0.5780562583 -0.5778900704
## 2276 2006-06-01 -0.5776806266 -5.774516e-01 -0.5774277872 -0.5773887027

```

```

## 2277 2006-06-02 -0.5770706815 -5.776994e-01 -0.5777034329 -0.5777265838
## 2278 2006-06-05 -0.5778657913 -5.784321e-01 -0.5785634464 -0.5791107934
## 2279 2006-06-06 -0.5788242765 -5.792295e-01 -0.5789383246 -0.5791979902
## 2280 2006-06-07 -0.5790203310 -5.784321e-01 -0.5789603763 -0.5788056146
## 2281 2006-06-08 -0.5788569555 -5.789494e-01 -0.5795006441 -0.5790454008
## 2282 2006-06-09 -0.5789114140 -5.786369e-01 -0.5783649804 -0.5787947164
## 2283 2006-06-12 -0.5783668183 -5.785291e-01 -0.5783208760 -0.5789909053
## 2284 2006-06-13 -0.5789223037 -5.788308e-01 -0.5787178069 -0.5791325932
## 2285 2006-06-14 -0.5789114140 -5.790248e-01 -0.5787729350 -0.5789037085
## 2286 2006-06-15 -0.5785410889 -5.777533e-01 -0.5781224155 -0.5775085963
## 2287 2006-06-16 -0.5774083287 -5.776563e-01 -0.5769867518 -0.5773669040
## 2288 2006-06-19 -0.5770597874 -5.774193e-01 -0.5766118736 -0.5773887027
## 2289 2006-06-20 -0.5772667371 -5.772361e-01 -0.5767882869 -0.5769418304
## 2290 2006-06-21 -0.5769073017 -5.757275e-01 -0.5762810999 -0.5756666075
## 2291 2006-06-22 -0.5755893811 -5.759430e-01 -0.5754321100 -0.5759717918
## 2292 2006-06-23 -0.5756874084 -5.761585e-01 -0.5755313435 -0.5757756040
## 2293 2006-06-26 -0.5755893811 -5.755982e-01 -0.5750792845 -0.5755358178
## 2294 2006-06-27 -0.5754042164 -5.752426e-01 -0.5753659583 -0.5758518982
## 2295 2006-06-28 -0.5754260003 -5.756629e-01 -0.5750241554 -0.5756121120
## 2296 2006-06-29 -0.5752952984 -5.740896e-01 -0.5747815861 -0.5736284364
## 2297 2006-06-30 -0.5733783192 -5.737987e-01 -0.5735356663 -0.5734540472
## 2298 2006-07-03 -0.5734436729 -5.740358e-01 -0.5730946354 -0.5735303414
## 2299 2006-07-05 -0.5737050799 -5.742405e-01 -0.5746933816 -0.5751652398
## 2300 2006-07-06 -0.5750230005 -5.749840e-01 -0.5749800521 -0.5755031210
## 2301 2006-07-07 -0.5754151105 -5.754797e-01 -0.5758290409 -0.5762551720
## 2302 2006-07-10 -0.5758616790 -5.761046e-01 -0.5762149427 -0.5766039504
## 2303 2006-07-11 -0.5764716230 -5.769451e-01 -0.5766449544 -0.5767456426
## 2304 2006-07-12 -0.5766241141 -5.769667e-01 -0.5771300887 -0.5778682718
## 2305 2006-07-13 -0.5780073829 -5.783352e-01 -0.5780783111 -0.5788492119
## 2306 2006-07-14 -0.5789005243 -5.793050e-01 -0.5790816615 -0.5797320592
## 2307 2006-07-17 -0.5796847388 -5.790894e-01 -0.5790926851 -0.5789146100
## 2308 2006-07-18 -0.5787480331 -5.787015e-01 -0.5789052482 -0.5791107934
## 2309 2006-07-19 -0.5789114140 -5.781843e-01 -0.5784311376 -0.5780317627
## 2310 2006-07-20 -0.5779420347 -5.781412e-01 -0.5779459978 -0.5783587424
## 2311 2006-07-21 -0.5785301992 -5.790463e-01 -0.5789493526 -0.5794377764
## 2312 2006-07-24 -0.5790747949 -5.782813e-01 -0.5784862656 -0.5782170501
## 2313 2006-07-25 -0.5783668183 -5.788416e-01 -0.5784311376 -0.5790018024
## 2314 2006-07-26 -0.5840741815 -5.844017e-01 -0.5866233283 -0.5869910058
## 2315 2006-07-27 -0.5865902127 -5.867723e-01 -0.5863476826 -0.5866640272
## 2316 2006-07-28 -0.5862089978 -5.863629e-01 -0.5859507517 -0.5859991674
## 2317 2006-07-31 -0.5859693746 -5.862443e-01 -0.5857633126 -0.5863043495
## 2318 2006-08-01 -0.5864812957 -5.869447e-01 -0.5867556372 -0.5869256098
## 2319 2006-08-02 -0.5869169712 -5.873111e-01 -0.5867005091 -0.5871762943
## 2320 2006-08-03 -0.5869823227 -5.866646e-01 -0.5866894822 -0.5865223338
## 2321 2006-08-04 -0.5860565089 -5.859211e-01 -0.5856971587 -0.5858683745
## 2322 2006-08-07 -0.5857842110 -5.862443e-01 -0.5859287000 -0.5864242399
## 2323 2006-08-08 -0.5862089978 -5.865353e-01 -0.5863697321 -0.5868820115
## 2324 2006-08-09 -0.5864921854 -5.868801e-01 -0.5865792239 -0.5870455035
## 2325 2006-08-10 -0.5868625105 -5.870741e-01 -0.5867115350 -0.5867403214
## 2326 2006-08-11 -0.5866119976 -5.871710e-01 -0.5868438438 -0.5871980929

```

```

## 2327 2006-08-14 -0.5868407289 -5.864922e-01 -0.5863807590 -0.5866967230
## 2328 2006-08-15 -0.5860238353 -5.856301e-01 -0.5858956214 -0.5853452081
## 2329 2006-08-16 -0.5849346438 -5.853284e-01 -0.5849032979 -0.5851490192
## 2330 2006-08-17 -0.5849455358 -5.835936e-01 -0.5845614973 -0.5839064975
## 2331 2006-08-18 -0.5837147483 -5.841539e-01 -0.5841314910 -0.5838737985
## 2332 2006-08-21 -0.5841395319 -5.844233e-01 -0.5844071368 -0.5849528336
## 2333 2006-08-22 -0.5847494813 -5.845203e-01 -0.5843189301 -0.5846912476
## 2334 2006-08-23 -0.5842920209 -5.845203e-01 -0.5846276522 -0.5849419342
## 2335 2006-08-24 -0.5846405611 -5.852099e-01 -0.5848812452 -0.5851272227
## 2336 2006-08-25 -0.5851306961 -5.852315e-01 -0.5847930386 -0.5850618246
## 2337 2006-08-28 -0.5844662904 -5.844017e-01 -0.5840763608 -0.5841026853
## 2338 2006-08-29 -0.5838454524 -5.836259e-01 -0.5835471210 -0.5834378266
## 2339 2006-08-30 -0.5831919364 -5.824083e-01 -0.5827422355 -0.5821844046
## 2340 2006-08-31 -0.5819066905 -5.822574e-01 -0.5816506796 -0.5820100154
## 2341 2006-09-01 -0.5817977714 -5.813846e-01 -0.5812316970 -0.5809963784
## 2342 2006-09-05 -0.5809699848 -5.808458e-01 -0.5808016897 -0.5804841103
## 2343 2006-09-06 -0.5808066071 -5.811907e-01 -0.5814522136 -0.5820427145
## 2344 2006-09-07 -0.5821027450 -5.826346e-01 -0.5825217189 -0.5832089409
## 2345 2006-09-08 -0.5825166366 -5.826130e-01 -0.5822350463 -0.5823587937
## 2346 2006-09-11 -0.5824730701 -5.821066e-01 -0.5824776167 -0.5820536116
## 2347 2006-09-12 -0.5817759864 -5.812338e-01 -0.5815845224 -0.5810399768
## 2348 2006-09-13 -0.5808392829 -5.812122e-01 -0.5806583528 -0.5810944723
## 2349 2006-09-14 -0.5810462282 -5.813092e-01 -0.5808678446 -0.5811162710
## 2350 2006-09-15 -0.5806541203 -5.803717e-01 -0.5804268115 -0.5801680299
## 2351 2006-09-18 -0.5800550639 -5.804472e-01 -0.5800960377 -0.5806475979
## 2352 2006-09-19 -0.5802837931 -5.808458e-01 -0.5812647745 -0.5811925662
## 2353 2006-09-20 -0.5807521487 -5.802963e-01 -0.5801842444 -0.5806040039
## 2354 2006-09-21 -0.5802837931 -5.805657e-01 -0.5820917116 -0.5826748752
## 2355 2006-09-22 -0.5824839631 -5.823005e-01 -0.5822791507 -0.5819991161
## 2356 2006-09-25 -0.5815799342 -5.812014e-01 -0.5813529811 -0.5809636794
## 2357 2006-09-26 -0.5806650133 -5.805334e-01 -0.5801842444 -0.5801898285
## 2358 2006-09-27 -0.5802402287 -5.806734e-01 -0.5800409075 -0.5803751148
## 2359 2006-09-28 -0.5802511195 -5.808135e-01 -0.5808237424 -0.5809091838
## 2360 2006-09-29 -0.5805343114 -5.808027e-01 -0.5804709137 -0.5806040039
## 2361 2006-10-02 -0.5805669850 -5.811368e-01 -0.5812537486 -0.5819664170
## 2362 2006-10-03 -0.5817433118 -5.811691e-01 -0.5815293944 -0.5810617733
## 2363 2006-10-04 -0.5808174990 -5.802747e-01 -0.5807355358 -0.5799064483
## 2364 2006-10-05 -0.5798045510 -5.796605e-01 -0.5795226913 -0.5792960841
## 2365 2006-10-06 -0.5792926288 -5.798545e-01 -0.5794124352 -0.5800917346
## 2366 2006-10-09 -0.5800114952 -5.795743e-01 -0.5794675633 -0.5792306871
## 2367 2006-10-10 -0.5791619280 -5.794666e-01 -0.5794234589 -0.5800590378
## 2368 2006-10-11 -0.5798807933 -5.799299e-01 -0.5796660293 -0.5797429563
## 2369 2006-10-12 -0.5793470928 -5.793265e-01 -0.5792690984 -0.5790454008
## 2370 2006-10-13 -0.5790747949 -5.794666e-01 -0.5787729350 -0.5792960841
## 2371 2006-10-16 -0.5796193906 -5.798761e-01 -0.5793573072 -0.5800808375
## 2372 2006-10-17 -0.5803273618 -5.805118e-01 -0.5802393724 -0.5802225254
## 2373 2006-10-18 -0.5799243621 -5.803286e-01 -0.5799637267 -0.5803969146
## 2374 2006-10-19 -0.5803600408 -5.802640e-01 -0.5798534706 -0.5801462302
## 2375 2006-10-20 -0.5797936602 -5.804256e-01 -0.5797321854 -0.5801135333
## 2376 2006-10-23 -0.5800332801 -5.801885e-01 -0.5798093662 -0.5797756532

```

```

## 2377 2006-10-24 -0.5795976057 -5.747038e-01 -0.5790155043 -0.5789582040
## 2378 2006-10-25 -0.5747724876 -5.747254e-01 -0.5755092908 -0.5745439795
## 2379 2006-10-26 -0.5748269460 -5.741758e-01 -0.5742523474 -0.5738682226
## 2380 2006-10-27 -0.5738466716 -5.742944e-01 -0.5737231076 -0.5739336153
## 2381 2006-10-30 -0.5739555940 -5.743375e-01 -0.5737010560 -0.5740317092
## 2382 2006-10-31 -0.5737704292 -5.740681e-01 -0.5735687471 -0.5740971073
## 2383 2006-11-01 -0.5738684565 -5.744883e-01 -0.5739436253 -0.5746747703
## 2384 2006-11-02 -0.5747398085 -5.749517e-01 -0.5743295271 -0.5747946628
## 2385 2006-11-03 -0.5744348360 -5.750163e-01 -0.5745941492 -0.5747837657
## 2386 2006-11-06 -0.5744021625 -5.743267e-01 -0.5738664445 -0.5739663165
## 2387 2006-11-07 -0.5737922131 -5.736263e-01 -0.5733041250 -0.5733559533
## 2388 2006-11-08 -0.5733783192 -5.731091e-01 -0.5728410424 -0.5725929997
## 2389 2006-11-09 -0.5723762653 -5.727966e-01 -0.5724551362 -0.5732796581
## 2390 2006-11-10 -0.5731495901 -5.732384e-01 -0.5725102687 -0.5728218887
## 2391 2006-11-13 -0.5726703470 -5.725488e-01 -0.5721023097 -0.5720262338
## 2392 2006-11-14 -0.5717118574 -5.707493e-01 -0.5715620463 -0.5703695412
## 2393 2006-11-15 -0.5701978824 -5.692084e-01 -0.5694891894 -0.5691815150
## 2394 2006-11-16 -0.5691631494 -5.693700e-01 -0.5684968626 -0.5689199291
## 2395 2006-11-17 -0.5690542324 -5.696717e-01 -0.5686953286 -0.5692360105
## 2396 2006-11-20 -0.5692720718 -5.698010e-01 -0.5690040540 -0.5693559031
## 2397 2006-11-21 -0.5690542324 -5.690467e-01 -0.5688055891 -0.5692469077
## 2398 2006-11-22 -0.5691086909 -5.693377e-01 -0.5687394330 -0.5687891383
## 2399 2006-11-24 -0.5690433383 -5.693808e-01 -0.5685960961 -0.5693886000
## 2400 2006-11-27 -0.5694572322 -5.695316e-01 -0.5703492029 -0.5710888964
## 2401 2006-11-28 -0.5710147759 -5.713958e-01 -0.5708122899 -0.5710126012
## 2402 2006-11-29 -0.5713088576 -5.713635e-01 -0.5711430637 -0.5713286783
## 2403 2006-11-30 -0.5713742113 -5.718591e-01 -0.5713084533 -0.5716447597
## 2404 2006-12-01 -0.5715484819 -5.719669e-01 -0.5721464141 -0.5726583967
## 2405 2006-12-04 -0.5725832106 -5.731091e-01 -0.5723889834 -0.5729962779
## 2406 2006-12-05 -0.5727792650 -5.733030e-01 -0.5725543687 -0.5731270676
## 2407 2006-12-06 -0.5731713750 -5.730013e-01 -0.5726425775 -0.5732142600
## 2408 2006-12-07 -0.5729971044 -5.735293e-01 -0.5732931014 -0.5740644104
## 2409 2006-12-08 -0.5740971899 -5.736802e-01 -0.5736790032 -0.5736938334
## 2410 2006-12-11 -0.5737704292 -5.734647e-01 -0.5732600206 -0.5734431490
## 2411 2006-12-12 -0.5735308093 -5.736909e-01 -0.5731828398 -0.5736938334
## 2412 2006-12-13 -0.5733456446 -5.734216e-01 -0.5731387398 -0.5736502351
## 2413 2006-12-14 -0.5732040486 -5.730444e-01 -0.5726866819 -0.5730834703
## 2414 2006-12-15 -0.5725069672 -5.723440e-01 -0.5719920525 -0.5720044395
## 2415 2006-12-18 -0.5716138302 -5.718591e-01 -0.5724000071 -0.5728218887
## 2416 2006-12-19 -0.5731604842 -5.728505e-01 -0.5730946354 -0.5726474996
## 2417 2006-12-20 -0.5724525087 -5.722255e-01 -0.5718156403 -0.5720044395
## 2418 2006-12-21 -0.5719732655 -5.721824e-01 -0.5715289655 -0.5721352303
## 2419 2006-12-22 -0.5718534534 -5.719992e-01 -0.5712422961 -0.5717537508
## 2420 2006-12-26 -0.5716900736 -5.724087e-01 -0.5717825640 -0.5722333242
## 2421 2006-12-27 -0.5719841553 -5.720423e-01 -0.5713635814 -0.5716992552
## 2422 2006-12-28 -0.5714177757 -5.718699e-01 -0.5712312725 -0.5717864520
## 2423 2006-12-29 -0.5717663170 -5.722794e-01 -0.5718597448 -0.5726039012
## 2424 2007-01-03 -0.5732694023 -5.735616e-01 -0.5732931014 -0.5734322475
## 2425 2007-01-04 -0.5733674295 -5.734754e-01 -0.5730615601 -0.5732142600
## 2426 2007-01-05 -0.5732258335 -5.738526e-01 -0.5737892648 -0.5737919273

```

```

## 2427 2007-01-08 -0.5737704292 -5.743698e-01 -0.5742633754 -0.5747401673
## 2428 2007-01-09 -0.5744457312 -5.746392e-01 -0.5740759341 -0.5744349874
## 2429 2007-01-10 -0.5745655379 -5.750271e-01 -0.5743736315 -0.5751216414
## 2430 2007-01-11 -0.5749140835 -5.747038e-01 -0.5742633754 -0.5748491583
## 2431 2007-01-12 -0.5747071339 -5.744776e-01 -0.5741531149 -0.5739772136
## 2432 2007-01-16 -0.5735743737 -5.737448e-01 -0.5733813058 -0.5734758459
## 2433 2007-01-17 -0.5732476173 -5.736263e-01 -0.5735907988 -0.5743259920
## 2434 2007-01-18 -0.5745546482 -5.750810e-01 -0.5747595344 -0.5753069321
## 2435 2007-01-19 -0.5754368943 -5.752642e-01 -0.5748918477 -0.5752633348
## 2436 2007-01-22 -0.5743912673 -5.748116e-01 -0.5746713300 -0.5753396289
## 2437 2007-01-23 -0.5752081609 -5.757060e-01 -0.5752226214 -0.5759063948
## 2438 2007-01-24 -0.5756329499 -5.753935e-01 -0.5750021037 -0.5750017532
## 2439 2007-01-25 -0.5739229150 -5.744560e-01 -0.5746933816 -0.5751979367
## 2440 2007-01-26 -0.5748160563 -5.755012e-01 -0.5752226214 -0.5754486254
## 2441 2007-01-29 -0.5754260003 -5.752965e-01 -0.5749579993 -0.5748164626
## 2442 2007-01-30 -0.5747833773 -5.753288e-01 -0.5748587669 -0.5752306379
## 2443 2007-01-31 -0.5751537024 -5.744991e-01 -0.5747154344 -0.5745548810
## 2444 2007-02-01 -0.5740645109 -5.733030e-01 -0.5735136191 -0.5734322475
## 2445 2007-02-02 -0.5748487299 -5.749840e-01 -0.5748036388 -0.5748600609
## 2446 2007-02-05 -0.5748269460 -5.753288e-01 -0.5747044064 -0.5751107443
## 2447 2007-02-06 -0.5748814045 -5.742620e-01 -0.5743626035 -0.5739009195
## 2448 2007-02-07 -0.5734763465 -5.730660e-01 -0.5729071941 -0.5731270676
## 2449 2007-02-08 -0.5729753195 -5.730767e-01 -0.5726095011 -0.5729962779
## 2450 2007-02-09 -0.5727139157 -5.732923e-01 -0.5726205247 -0.5734104489
## 2451 2007-02-12 -0.5731495901 -5.736371e-01 -0.5729512985 -0.5732687609
## 2452 2007-02-13 -0.5730842419 -5.729690e-01 -0.5724110362 -0.5727673888
## 2453 2007-02-14 -0.5726703470 -5.722470e-01 -0.5720912861 -0.5718627473
## 2454 2007-02-15 -0.5716791838 -5.722039e-01 -0.5712974242 -0.5719499397
## 2455 2007-02-16 -0.5719405865 -5.720746e-01 -0.5712864006 -0.5716556569
## 2456 2007-02-20 -0.5716900736 -5.706738e-01 -0.5711430637 -0.5703695412
## 2457 2007-02-21 -0.5705355328 -5.711264e-01 -0.5701286896 -0.5706420242
## 2458 2007-02-22 -0.5703067993 -5.703937e-01 -0.5701617660 -0.5709254044
## 2459 2007-02-23 -0.5707424781 -5.712557e-01 -0.5703271502 -0.5711651906
## 2460 2007-02-26 -0.5708949638 -5.712557e-01 -0.5707020283 -0.5710561952
## 2461 2007-02-27 -0.5716247242 -5.719669e-01 -0.5724882159 -0.5732905552
## 2462 2007-02-28 -0.5730188882 -5.730013e-01 -0.5732600206 -0.5729526795
## 2463 2007-03-01 -0.5725723197 -5.732815e-01 -0.5732931014 -0.5732687609
## 2464 2007-03-02 -0.5736615112 -5.737664e-01 -0.5736900312 -0.5745330813
## 2465 2007-03-05 -0.5749358630 -5.743590e-01 -0.5744067079 -0.5752306379
## 2466 2007-03-06 -0.5743477029 -5.739927e-01 -0.5739987533 -0.5735630383
## 2467 2007-03-07 -0.5732694023 -5.732815e-01 -0.5730395073 -0.5738028245
## 2468 2007-03-08 -0.5731713750 -5.733892e-01 -0.5733702811 -0.5740862101
## 2469 2007-03-09 -0.5734872405 -5.737448e-01 -0.5733482294 -0.5732796581
## 2470 2007-03-12 -0.5733129710 -5.735724e-01 -0.5729292468 -0.5733123550
## 2471 2007-03-13 -0.5736832961 -5.737556e-01 -0.5736900312 -0.5743913890
## 2472 2007-03-14 -0.5742714606 -5.744668e-01 -0.5741641430 -0.5741080044
## 2473 2007-03-15 -0.5739011355 -5.743914e-01 -0.5738443928 -0.5744349874
## 2474 2007-03-16 -0.5743150250 -5.746176e-01 -0.5738774692 -0.5743586932
## 2475 2007-03-19 -0.5740100524 -5.741220e-01 -0.5733482294 -0.5737047306
## 2476 2007-03-20 -0.5734327821 -5.739603e-01 -0.5730946354 -0.5735630383

```

```

## 2477 2007-03-21 -0.5734109982 -5.727643e-01 -0.5730064276 -0.5722333242
## 2478 2007-03-22 -0.5723980491 -5.728505e-01 -0.5723448790 -0.5725711999
## 2479 2007-03-23 -0.5723109127 -5.729798e-01 -0.5722676982 -0.5731270676
## 2480 2007-03-26 -0.5729426448 -5.735724e-01 -0.5728741188 -0.5730943718
## 2481 2007-03-27 -0.5731169155 -5.731737e-01 -0.5725102687 -0.5727019951
## 2482 2007-03-28 -0.5728228338 -5.730767e-01 -0.5725323159 -0.5727346920
## 2483 2007-03-29 -0.5722128844 -5.726350e-01 -0.5719148728 -0.5722224227
## 2484 2007-03-30 -0.5721039674 -5.722901e-01 -0.5717825640 -0.5722442214
## 2485 2007-04-02 -0.5719950504 -5.720423e-01 -0.5716392271 -0.5715575673
## 2486 2007-04-03 -0.5713742113 -5.710617e-01 -0.5707020283 -0.5707183184
## 2487 2007-04-04 -0.5705028549 -5.708786e-01 -0.5701286896 -0.5703477414
## 2488 2007-04-05 -0.5701216390 -5.706523e-01 -0.5695553454 -0.5701842505
## 2489 2007-04-09 -0.5699582591 -5.702428e-01 -0.5693679042 -0.5702060491
## 2490 2007-04-10 -0.5701216390 -5.704368e-01 -0.5695332938 -0.5699880616
## 2491 2007-04-11 -0.5699473683 -5.705337e-01 -0.5697758587 -0.5701842505
## 2492 2007-04-12 -0.5699473683 -5.699950e-01 -0.5695994455 -0.5695411905
## 2493 2007-04-13 -0.5694463413 -5.698549e-01 -0.5690150787 -0.5693886000
## 2494 2007-04-16 -0.5677254177 -5.668378e-01 -0.5670965867 -0.5663476879
## 2495 2007-04-17 -0.5660807397 -5.668162e-01 -0.5659057950 -0.5664893802
## 2496 2007-04-18 -0.5666035516 -5.669994e-01 -0.5660381039 -0.5665765726
## 2497 2007-04-19 -0.5668104958 -5.669994e-01 -0.5662806732 -0.5669580521
## 2498 2007-04-20 -0.5662876850 -5.669778e-01 -0.5661593891 -0.5666201710
## 2499 2007-04-23 -0.5671808220 -5.673658e-01 -0.5665563189 -0.5668163599
## 2500 2007-04-24 -0.5666580101 -5.671610e-01 -0.5662586216 -0.5668381585
## 2501 2007-04-25 -0.5575414787 -5.540365e-01 -0.5568646144 -0.5536935745
## 2502 2007-04-26 -0.5538600105 -5.477221e-01 -0.5534245569 -0.5471866812
## 2503 2007-04-27 -0.5486972408 -5.468601e-01 -0.5484078059 -0.5473828700
## 2504 2007-04-30 -0.5479674847 -5.483686e-01 -0.5477903584 -0.5487670796
## 2505 2007-05-01 -0.5488279471 -5.487997e-01 -0.5487826841 -0.5479932288
## 2506 2007-05-02 -0.5482179988 -5.485734e-01 -0.5480990794 -0.5489305717
## 2507 2007-05-03 -0.5488715115 -5.482609e-01 -0.5482534454 -0.5478297412
## 2508 2007-05-04 -0.5474446739 -5.469571e-01 -0.5465003387 -0.5466962106
## 2509 2007-05-07 -0.5474011052 -5.475174e-01 -0.5483085735 -0.5493229473
## 2510 2007-05-08 -0.5494596759 -5.490152e-01 -0.5494221800 -0.5482221135
## 2511 2007-05-09 -0.5478694575 -5.478191e-01 -0.5476580496 -0.5471103870
## 2512 2007-05-10 -0.5473902144 -5.481424e-01 -0.5481542130 -0.5492139562
## 2513 2007-05-11 -0.5490022177 -5.492738e-01 -0.5484739587 -0.5485163963
## 2514 2007-05-14 -0.5482179988 -5.491229e-01 -0.5484298587 -0.5483638058
## 2515 2007-05-15 -0.5485229702 -5.488751e-01 -0.5485180631 -0.5495845288
## 2516 2007-05-16 -0.5489368651 -5.473989e-01 -0.5489811501 -0.5467071088
## 2517 2007-05-17 -0.5469109679 -5.472049e-01 -0.5468641888 -0.5478515409
## 2518 2007-05-18 -0.5473466456 -5.474420e-01 -0.5465775184 -0.5466199164
## 2519 2007-05-21 -0.5461485328 -5.416448e-01 -0.5454528838 -0.5411702508
## 2520 2007-05-22 -0.5408114936 -5.412245e-01 -0.5411417848 -0.5405380966
## 2521 2007-05-23 -0.5400163882 -5.366557e-01 -0.5393997016 -0.5404073015
## 2522 2007-05-24 -0.5402015486 -5.397698e-01 -0.5405904934 -0.5400258274
## 2523 2007-05-25 -0.5394935730 -5.405457e-01 -0.5399950975 -0.5408977677
## 2524 2007-05-29 -0.5408659564 -5.404595e-01 -0.5405794653 -0.5397206474
## 2525 2007-05-30 -0.5401797680 -5.401362e-01 -0.5393225208 -0.5394699587
## 2526 2007-05-31 -0.5384152757 -5.394250e-01 -0.5396422710 -0.5402547121

```

```

## 2527 2007-06-01 -0.5403540343 -5.409767e-01 -0.5398848414 -0.5408650708
## 2528 2007-06-04 -0.5410620109 -5.395220e-01 -0.5406566450 -0.5388595999
## 2529 2007-06-05 -0.5379578174 -5.356536e-01 -0.5371173551 -0.5353391143
## 2530 2007-06-06 -0.5357358658 -5.361816e-01 -0.5360147722 -0.5368214233
## 2531 2007-06-07 -0.5363567038 -5.351364e-01 -0.5370953078 -0.5370939064
## 2532 2007-06-08 -0.5364656219 -5.367312e-01 -0.5369078621 -0.5357859909
## 2533 2007-06-11 -0.5358883515 -5.369359e-01 -0.5369629946 -0.5380421507
## 2534 2007-06-12 -0.5386766794 -5.394035e-01 -0.5387050777 -0.5392410740
## 2535 2007-06-13 -0.5381756514 -5.381858e-01 -0.5388925146 -0.5383473306
## 2536 2007-06-14 -0.5381756514 -5.379380e-01 -0.5371835079 -0.5372028985
## 2537 2007-06-15 -0.5360517324 -5.371299e-01 -0.5367535016 -0.5367015297
## 2538 2007-06-18 -0.5366072222 -5.373777e-01 -0.5365219592 -0.5373227910
## 2539 2007-06-19 -0.5374676758 -5.384337e-01 -0.5384184040 -0.5395244585
## 2540 2007-06-20 -0.5388836280 -5.396836e-01 -0.5391130279 -0.5402983104
## 2541 2007-06-21 -0.5400708423 -5.404702e-01 -0.5395430341 -0.5396770491
## 2542 2007-06-22 -0.5396460587 -5.403517e-01 -0.5398076606 -0.5405598909
## 2543 2007-06-25 -0.5398639025 -5.406211e-01 -0.5399399650 -0.5407778741
## 2544 2007-06-26 -0.5407570384 -5.416986e-01 -0.5409543479 -0.5420639952
## 2545 2007-06-27 -0.5424670690 -5.421512e-01 -0.5416930762 -0.5413446443
## 2546 2007-06-28 -0.5408332818 -5.399746e-01 -0.5401053536 -0.5405271951
## 2547 2007-06-29 -0.5402124427 -5.410952e-01 -0.5401053536 -0.5410503571
## 2548 2007-07-02 -0.5404520659 -5.405349e-01 -0.5400502299 -0.5397424417
## 2549 2007-07-03 -0.5391123571 -5.401685e-01 -0.5391461120 -0.5399168352
## 2550 2007-07-05 -0.5398530073 -5.405995e-01 -0.5402045904 -0.5407015799
## 2551 2007-07-06 -0.5405174152 -5.409767e-01 -0.5402597152 -0.5404399984
## 2552 2007-07-09 -0.5398312278 -5.376902e-01 -0.5391461120 -0.5370612095
## 2553 2007-07-10 -0.5373587578 -5.381320e-01 -0.5379883967 -0.5390121893
## 2554 2007-07-11 -0.5385241926 -5.384445e-01 -0.5379001878 -0.5385217154
## 2555 2007-07-12 -0.5377290872 -5.363756e-01 -0.5372606887 -0.5362764572
## 2556 2007-07-13 -0.5358012140 -5.344575e-01 -0.5347909052 -0.5337587169
## 2557 2007-07-16 -0.5340040470 -5.350071e-01 -0.5347578288 -0.5352955171
## 2558 2007-07-17 -0.5343743765 -5.353519e-01 -0.5341073094 -0.5351865249
## 2559 2007-07-18 -0.5355942731 -5.364618e-01 -0.5355847660 -0.5356987942
## 2560 2007-07-19 -0.5345377563 -5.355674e-01 -0.5346255156 -0.5356660984
## 2561 2007-07-20 -0.5363022410 -5.370329e-01 -0.5375142860 -0.5375407829
## 2562 2007-07-23 -0.5372171662 -5.373454e-01 -0.5371283842 -0.5374208893
## 2563 2007-07-24 -0.5380231657 -5.378949e-01 -0.5393335500 -0.5401348184
## 2564 2007-07-25 -0.5231883748 -5.199646e-01 -0.5230153190 -0.5216822655
## 2565 2007-07-26 -0.5227962735 -5.197491e-01 -0.5232578895 -0.5240474162
## 2566 2007-07-27 -0.5236131670 -5.237036e-01 -0.5243053399 -0.5240147194
## 2567 2007-07-30 -0.5249964369 -5.250829e-01 -0.5253748464 -0.5254752329
## 2568 2007-07-31 -0.5242340062 -5.254277e-01 -0.5292449145 -0.5300093467
## 2569 2007-08-01 -0.5303334772 -5.314404e-01 -0.5324865103 -0.5313499667
## 2570 2007-08-02 -0.5305948799 -5.297056e-01 -0.5313177670 -0.5287341282
## 2571 2007-08-03 -0.5287650383 -5.286388e-01 -0.5306672475 -0.5319058267
## 2572 2007-08-06 -0.5314662364 -5.305245e-01 -0.5307885327 -0.5295079790
## 2573 2007-08-07 -0.5298433356 -5.294470e-01 -0.5293661997 -0.5293553896
## 2574 2007-08-08 -0.5285145286 -5.295763e-01 -0.5308326360 -0.5308376974
## 2575 2007-08-09 -0.5321850984 -5.323994e-01 -0.5335339608 -0.5348377466
## 2576 2007-08-10 -0.5357249706 -5.332184e-01 -0.5354524527 -0.5341074942

```

```

## 2577 2007-08-13 -0.5325227542 -5.334123e-01 -0.5328834413 -0.5340093959
## 2578 2007-08-14 -0.5339386977 -5.350610e-01 -0.5348460377 -0.5355571062
## 2579 2007-08-15 -0.5358665709 -5.346730e-01 -0.5355737380 -0.5367233337
## 2580 2007-08-16 -0.5369775429 -5.367312e-01 -0.5380104450 -0.5362764572
## 2581 2007-08-17 -0.5342654584 -5.347916e-01 -0.5346365436 -0.5338459126
## 2582 2007-08-20 -0.5337317491 -5.345330e-01 -0.5338757592 -0.5341946909
## 2583 2007-08-21 -0.5345704309 -5.317852e-01 -0.5335560179 -0.5311537789
## 2584 2007-08-22 -0.5301809904 -5.299965e-01 -0.5294213321 -0.5300529451
## 2585 2007-08-23 -0.5294185521 -5.305245e-01 -0.5308877608 -0.5313608605
## 2586 2007-08-24 -0.5317494207 -5.300935e-01 -0.5306892958 -0.5292354959
## 2587 2007-08-27 -0.5276540663 -5.285849e-01 -0.5287818319 -0.5298894531
## 2588 2007-08-28 -0.5305948799 -5.309016e-01 -0.5313618714 -0.5325379896
## 2589 2007-08-29 -0.5315751544 -5.304706e-01 -0.5305018579 -0.5294534791
## 2590 2007-08-30 -0.5300067154 -5.293284e-01 -0.5289141363 -0.5298567573
## 2591 2007-08-31 -0.5282640113 -5.288759e-01 -0.5273705269 -0.5285161363
## 2592 2007-09-04 -0.5283729283 -5.256432e-01 -0.5273374428 -0.5254752329
## 2593 2007-09-05 -0.5258242246 -5.241778e-01 -0.5245920136 -0.5243308008
## 2594 2007-09-06 -0.5233626497 -5.224860e-01 -0.5238973897 -0.5216495686
## 2595 2007-09-07 -0.5231448147 -5.240916e-01 -0.5235004588 -0.5234915563
## 2596 2007-09-10 -0.5228942974 -5.238868e-01 -0.5242722635 -0.5247776774
## 2597 2007-09-11 -0.5237220851 -5.223244e-01 -0.5231476323 -0.5215732733
## 2598 2007-09-12 -0.5216526192 -5.198676e-01 -0.5204573279 -0.5204615381
## 2599 2007-09-13 -0.5196049425 -5.207512e-01 -0.5198729601 -0.5205051364
## 2600 2007-09-14 -0.5212822897 -5.207296e-01 -0.5200824530 -0.5199492764
## 2601 2007-09-17 -0.5206614517 -5.215378e-01 -0.5204462998 -0.5208866105
## 2602 2007-09-18 -0.5202257816 -5.169474e-01 -0.5196414187 -0.5188811396
## 2603 2007-09-19 -0.5178949119 -5.188655e-01 -0.5179324120 -0.5186086565
## 2604 2007-09-20 -0.5185702052 -5.182189e-01 -0.5173149678 -0.5179001984
## 2605 2007-09-21 -0.5170562301 -5.166242e-01 -0.5163998218 -0.5161018091
## 2606 2007-09-24 -0.5159561446 -5.146307e-01 -0.5151208301 -0.5146958041
## 2607 2007-09-25 -0.5152046079 -5.149001e-01 -0.5149664696 -0.5137257568
## 2608 2007-09-26 -0.5129717622 -5.140812e-01 -0.5134890041 -0.5137802566
## 2609 2007-09-27 -0.5129390875 -5.142428e-01 -0.5125848862 -0.5138347565
## 2610 2007-09-28 -0.5143550397 -5.147924e-01 -0.5141395324 -0.5140854355
## 2611 2007-10-01 -0.5136470641 -5.142536e-01 -0.5128936083 -0.5138020509
## 2612 2007-10-02 -0.5131678166 -5.144691e-01 -0.5144703018 -0.5149464831
## 2613 2007-10-03 -0.5149867653 -5.156544e-01 -0.5140513236 -0.5148374920
## 2614 2007-10-04 -0.5145946553 -5.159022e-01 -0.5144151781 -0.5150554752
## 2615 2007-10-05 -0.5135054638 -5.146738e-01 -0.5134338805 -0.5137802566
## 2616 2007-10-08 -0.5127757077 -5.123679e-01 -0.5116035885 -0.5111426228
## 2617 2007-10-09 -0.5101943294 -5.114196e-01 -0.5107766513 -0.5117202847
## 2618 2007-10-10 -0.5113815437 -5.124756e-01 -0.5111956295 -0.5124396356
## 2619 2007-10-11 -0.5115667041 -5.124864e-01 -0.5180757533 -0.5182380839
## 2620 2007-10-12 -0.5180038300 -5.160962e-01 -0.5172047117 -0.5149355816
## 2621 2007-10-15 -0.5154115488 -5.163871e-01 -0.5159036639 -0.5169410613
## 2622 2007-10-16 -0.5187989354 -5.186176e-01 -0.5176677943 -0.5180309935
## 2623 2007-10-17 -0.5153026308 -5.166242e-01 -0.5170503501 -0.5169192583
## 2624 2007-10-18 -0.5180582841 -5.182082e-01 -0.5169511132 -0.5176822163
## 2625 2007-10-19 -0.5174483401 -5.179711e-01 -0.5167636763 -0.5177803058
## 2626 2007-10-22 -0.5181889903 -5.168505e-01 -0.5170944545 -0.5161127106

```

```

## 2627 2007-10-23 -0.5116211669 -5.067215e-01 -0.5113720472 -0.5057256573
## 2628 2007-10-24 -0.5164244969 -5.177233e-01 -0.5234343060 -0.5189029349
## 2629 2007-10-25 -0.5192999623 -5.192103e-01 -0.5200714250 -0.5194697041
## 2630 2007-10-26 -0.5184612882 -5.177233e-01 -0.5185498639 -0.5175187243
## 2631 2007-10-29 -0.5169255239 -5.170875e-01 -0.5165872598 -0.5174097332
## 2632 2007-10-30 -0.5177315321 -5.179711e-01 -0.5181639533 -0.5194370072
## 2633 2007-10-31 -0.5194960168 -5.191025e-01 -0.5193216686 -0.5184451645
## 2634 2007-11-01 -0.5198227775 -5.191241e-01 -0.5198729601 -0.5200800629
## 2635 2007-11-02 -0.5195831543 -5.206973e-01 -0.5231807087 -0.5219002486
## 2636 2007-11-05 -0.5235260306 -5.229601e-01 -0.5239966178 -0.5236550396
## 2637 2007-11-06 -0.5232428376 -5.213654e-01 -0.5222214583 -0.5204942426
## 2638 2007-11-07 -0.5212822897 -5.195766e-01 -0.5202478338 -0.5207449226
## 2639 2007-11-08 -0.5208575061 -5.219472e-01 -0.5254961305 -0.5245160871
## 2640 2007-11-09 -0.5256281702 -5.268393e-01 -0.5283187493 -0.5296278726
## 2641 2007-11-12 -0.5301592023 -5.293500e-01 -0.5308987888 -0.5316878435
## 2642 2007-11-13 -0.5305404171 -5.293931e-01 -0.5294654277 -0.5285706362
## 2643 2007-11-14 -0.5278283325 -5.282078e-01 -0.5290795248 -0.5300420436
## 2644 2007-11-15 -0.5288848504 -5.297379e-01 -0.5306782755 -0.5307614033
## 2645 2007-11-16 -0.5315206916 -5.305353e-01 -0.5307554563 -0.5299439541
## 2646 2007-11-19 -0.5295383631 -5.297163e-01 -0.5293110672 -0.5293117912
## 2647 2007-11-20 -0.5284164970 -5.272919e-01 -0.5289031160 -0.5279929743
## 2648 2007-11-21 -0.5290917990 -5.285203e-01 -0.5285282334 -0.5286796283
## 2649 2007-11-23 -0.5281441991 -5.278845e-01 -0.5281643800 -0.5268594436
## 2650 2007-11-26 -0.5257588677 -5.246088e-01 -0.5257828054 -0.5270011316
## 2651 2007-11-27 -0.5250835744 -5.233588e-01 -0.5246030417 -0.5223253298
## 2652 2007-11-28 -0.5200406125 -5.180573e-01 -0.5195973143 -0.5171917413
## 2653 2007-11-29 -0.5174919089 -5.170875e-01 -0.5174693294 -0.5184451645
## 2654 2007-11-30 -0.5167621517 -5.175078e-01 -0.5178772873 -0.5169083644
## 2655 2007-12-03 -0.5173394221 -5.162470e-01 -0.5162675174 -0.5165268816
## 2656 2007-12-04 -0.5173285280 -5.137579e-01 -0.5159698156 -0.5127121187
## 2657 2007-12-05 -0.5119370335 -5.132946e-01 -0.5138308026 -0.5140418382
## 2658 2007-12-06 -0.5137995499 -5.132838e-01 -0.5128936083 -0.5129301106
## 2659 2007-12-07 -0.5124053859 -5.136286e-01 -0.5128053994 -0.5128211185
## 2660 2007-12-10 -0.5126776837 -5.139842e-01 -0.5134779761 -0.5142271321
## 2661 2007-12-11 -0.5139956054 -5.122709e-01 -0.5151869828 -0.5167012751
## 2662 2007-12-12 -0.5142787974 -5.146307e-01 -0.5167636763 -0.5161236121
## 2663 2007-12-13 -0.5162284424 -5.154389e-01 -0.5153192961 -0.5149028847
## 2664 2007-12-14 -0.5165334226 -5.173354e-01 -0.5171936837 -0.5185214598
## 2665 2007-12-17 -0.5184503941 -5.196844e-01 -0.5215378624 -0.5228702960
## 2666 2007-12-18 -0.5219140229 -5.214085e-01 -0.5227837777 -0.5209084146
## 2667 2007-12-19 -0.5207050204 -5.187254e-01 -0.5195091055 -0.5181944855
## 2668 2007-12-20 -0.5172196110 -5.178634e-01 -0.5170172748 -0.5168865614
## 2669 2007-12-21 -0.5157709842 -5.162147e-01 -0.5155839138 -0.5161454074
## 2670 2007-12-24 -0.5162284424 -5.169905e-01 -0.5156831418 -0.5164178905
## 2671 2007-12-26 -0.5157600901 -5.144260e-01 -0.5154626286 -0.5144124195
## 2672 2007-12-27 -0.5144639577 -5.129713e-01 -0.5132574628 -0.5128865122
## 2673 2007-12-28 -0.5116320610 -5.123140e-01 -0.5136984982 -0.5126685290
## 2674 2007-12-31 -0.513222795 -5.139626e-01 -0.5133125953 -0.5146413042
## 2675 2008-01-02 -0.5115449246 -5.106654e-01 -0.5108317838 -0.5107066477
## 2676 2008-01-03 -0.5107715987 -5.108593e-01 -0.5110302487 -0.5118401783

```

```

## 2677 2008-01-04 -0.5138213304 -5.150079e-01 -0.5176677943 -0.5188375412
## 2678 2008-01-07 -0.5188751777 -5.180573e-01 -0.5210086193 -0.5188048443
## 2679 2008-01-08 -0.5200406125 -5.166996e-01 -0.5193988494 -0.5198293839
## 2680 2008-01-09 -0.5200297261 -5.210421e-01 -0.5267751310 -0.5227285993
## 2681 2008-01-10 -0.5239290260 -5.230140e-01 -0.5237650765 -0.5237749332
## 2682 2008-01-11 -0.5238745708 -5.251045e-01 -0.5267199986 -0.5272409177
## 2683 2008-01-14 -0.5258895739 -5.258695e-01 -0.5282856641 -0.5252899379
## 2684 2008-01-15 -0.5277303097 -5.283586e-01 -0.5286825950 -0.5281564652
## 2685 2008-01-16 -0.5287214695 -5.269040e-01 -0.5287597758 -0.5280365726
## 2686 2008-01-17 -0.5280897363 -5.270225e-01 -0.5275469357 -0.5282872516
## 2687 2008-01-18 -0.5283402547 -5.269578e-01 -0.5292008101 -0.5286796283
## 2688 2008-01-22 -0.5352566183 -5.297487e-01 -0.5356178424 -0.5300747405
## 2689 2008-01-23 -0.5330564559 -5.328951e-01 -0.5381207099 -0.5349903371
## 2690 2008-01-24 -0.5342218897 -5.317314e-01 -0.5334457530 -0.5309575911
## 2691 2008-01-25 -0.5296908499 -5.279061e-01 -0.5310862257 -0.5310338863
## 2692 2008-01-28 -0.5316296085 -5.322486e-01 -0.5332803722 -0.5329739635
## 2693 2008-01-29 -0.5328712944 -5.338649e-01 -0.5357942590 -0.5350121401
## 2694 2008-01-30 -0.5353001870 -5.322270e-01 -0.5344821831 -0.5347287556
## 2695 2008-01-31 -0.5403431402 -5.306646e-01 -0.5393445780 -0.5309248942
## 2696 2008-02-01 -0.5293314222 -5.300935e-01 -0.5343498699 -0.5342709862
## 2697 2008-02-04 -0.5342545643 -5.330460e-01 -0.5337655021 -0.5350121401
## 2698 2008-02-05 -0.5361061865 -5.356859e-01 -0.5358604117 -0.5370394152
## 2699 2008-02-06 -0.5366507822 -5.376040e-01 -0.5400833063 -0.5409631691
## 2700 2008-02-07 -0.5420204961 -5.373023e-01 -0.5411307568 -0.5383255265
## 2701 2008-02-08 -0.5354526727 -5.352657e-01 -0.5352870719 -0.5355026064
## 2702 2008-02-11 -0.5357358658 -5.338002e-01 -0.5350114262 -0.5336606187
## 2703 2008-02-12 -0.5332416163 -5.326257e-01 -0.5338867873 -0.5344671740
## 2704 2008-02-13 -0.5337208627 -5.306861e-01 -0.5344601348 -0.5308921897
## 2705 2008-02-14 -0.5307364726 -5.317314e-01 -0.5323541982 -0.5329957589
## 2706 2008-02-15 -0.5337099686 -5.346299e-01 -0.5359265645 -0.5360911709
## 2707 2008-02-19 -0.5353001870 -5.359122e-01 -0.5363565707 -0.5370503080
## 2708 2008-02-20 -0.5370864599 -5.360415e-01 -0.5368527385 -0.5353500169
## 2709 2008-02-21 -0.5348645093 -5.356859e-01 -0.5387602014 -0.5394263603
## 2710 2008-02-22 -0.5385677614 -5.378410e-01 -0.5382199380 -0.5370503080
## 2711 2008-02-25 -0.5365963281 -5.364510e-01 -0.5365109312 -0.5357532940
## 2712 2008-02-26 -0.5370755658 -5.364510e-01 -0.5377568554 -0.5374753815
## 2713 2008-02-27 -0.5384152757 -5.386276e-01 -0.5385396881 -0.5383691249
## 2714 2008-02-28 -0.5388291652 -5.395759e-01 -0.5412520409 -0.5416607257
## 2715 2008-02-29 -0.5424126061 -5.429163e-01 -0.5447141511 -0.5453446935
## 2716 2008-03-03 -0.5461376431 -5.461597e-01 -0.5477683057 -0.5475681563
## 2717 2008-03-04 -0.5482288929 -5.438861e-01 -0.5477352293 -0.5443964579
## 2718 2008-03-05 -0.5438830124 -5.441662e-01 -0.5448795396 -0.5447779320
## 2719 2008-03-06 -0.54448741810 -5.451145e-01 -0.5463349490 -0.5472302752
## 2720 2008-03-07 -0.5476516181 -5.457502e-01 -0.5468752168 -0.5457588732
## 2721 2008-03-10 -0.5457999916 -5.454485e-01 -0.5458828900 -0.5464346257
## 2722 2008-03-11 -0.5435671545 -5.432719e-01 -0.5450008248 -0.5424236740
## 2723 2008-03-12 -0.5426740175 -5.421297e-01 -0.5428728399 -0.5431212306
## 2724 2008-03-13 -0.5444820710 -5.407073e-01 -0.5442731157 -0.5411484554
## 2725 2008-03-14 -0.5406699009 -5.394897e-01 -0.5424097562 -0.5412574475
## 2726 2008-03-17 -0.5438176642 -5.426038e-01 -0.5436667007 -0.5430994352

```

```

## 2727 2008-03-18 -0.5410620109 -5.381427e-01 -0.5407228066 -0.5374644877
## 2728 2008-03-19 -0.5379578174 -5.359122e-01 -0.5378781406 -0.5391320829
## 2729 2008-03-20 -0.5389707655 -5.364618e-01 -0.5387491822 -0.5358404832
## 2730 2008-03-24 -0.5349952145 -5.327550e-01 -0.5350334746 -0.5328322756
## 2731 2008-03-25 -0.5328059375 -5.334446e-01 -0.5336001135 -0.5336824217
## 2732 2008-03-26 -0.5346466743 -5.347054e-01 -0.5344932112 -0.5351756234
## 2733 2008-03-27 -0.5343961559 -5.351687e-01 -0.5371835079 -0.5384454202
## 2734 2008-03-28 -0.5380667344 -5.378410e-01 -0.5388814866 -0.5395789508
## 2735 2008-03-31 -0.5388836280 -5.384552e-01 -0.5384735364 -0.5379004540
## 2736 2008-04-01 -0.5358992456 -5.325826e-01 -0.5350224465 -0.5320148264
## 2737 2008-04-02 -0.5314444482 -5.305245e-01 -0.5313177670 -0.5312845653
## 2738 2008-04-03 -0.5335465877 -5.337464e-01 -0.5338647389 -0.5339331017
## 2739 2008-04-04 -0.5334267766 -5.317852e-01 -0.5333465239 -0.5318295314
## 2740 2008-04-07 -0.5311394757 -5.311387e-01 -0.5314500802 -0.5317968345
## 2741 2008-04-08 -0.5321850984 -5.320223e-01 -0.5320013717 -0.5313608605
## 2742 2008-04-09 -0.5320108321 -5.330352e-01 -0.5340301197 -0.5345325677
## 2743 2008-04-10 -0.5342763449 -5.343067e-01 -0.5350555229 -0.5340529943
## 2744 2008-04-11 -0.5349734350 -5.355890e-01 -0.5362793899 -0.5371484062
## 2745 2008-04-14 -0.5373043036 -5.359122e-01 -0.5366432445 -0.5364726450
## 2746 2008-04-15 -0.5359210261 -5.359338e-01 -0.5373488964 -0.5365925386
## 2747 2008-04-16 -0.5358665709 -5.348347e-01 -0.5348239816 -0.5343145846
## 2748 2008-04-17 -0.5346031056 -5.348131e-01 -0.5340852522 -0.5349140419
## 2749 2008-04-18 -0.5320979620 -5.272919e-01 -0.5310972537 -0.5283090557
## 2750 2008-04-21 -0.5282313366 -5.280031e-01 -0.5280761788 -0.5282218589
## 2751 2008-04-22 -0.5283293606 -5.295116e-01 -0.5297521015 -0.5288540218
## 2752 2008-04-23 -0.5279372506 -5.266022e-01 -0.5284290054 -0.5273281145
## 2753 2008-04-24 -0.5307582608 -5.288759e-01 -0.5304246782 -0.5309357881
## 2754 2008-04-25 -0.5306493428 -5.280246e-01 -0.5300608236 -0.5274807039
## 2755 2008-04-28 -0.5275669299 -5.267531e-01 -0.5269074355 -0.5262708791
## 2756 2008-04-29 -0.5267173616 -5.275397e-01 -0.5271941092 -0.5276114991
## 2757 2008-04-30 -0.5272837368 -5.280031e-01 -0.5293331233 -0.5299112572
## 2758 2008-05-01 -0.5300067154 -5.294362e-01 -0.5292779909 -0.5291156023
## 2759 2008-05-02 -0.5279372506 -5.281539e-01 -0.5310090449 -0.5313499667
## 2760 2008-05-05 -0.5312375072 -5.318499e-01 -0.5315934127 -0.5328649725
## 2761 2008-05-06 -0.5331544788 -5.329274e-01 -0.5324975306 -0.5330938572
## 2762 2008-05-07 -0.5334267766 -5.330675e-01 -0.5346586008 -0.5358513847
## 2763 2008-05-08 -0.5350932385 -5.357398e-01 -0.5363455504 -0.5362764572
## 2764 2008-05-09 -0.5367597079 -5.366234e-01 -0.5362352855 -0.5366906282
## 2765 2008-05-12 -0.5358883515 -5.349101e-01 -0.5361029811 -0.5343799772
## 2766 2008-05-13 -0.5341783209 -5.348778e-01 -0.5344160304 -0.5343472804
## 2767 2008-05-14 -0.5337971061 -5.340265e-01 -0.5336772943 -0.5347396571
## 2768 2008-05-15 -0.5349189722 -5.334123e-01 -0.5341514050 -0.5326469806
## 2769 2008-05-16 -0.5321633189 -5.328628e-01 -0.5327070236 -0.5322764080
## 2770 2008-05-19 -0.5293423087 -5.243286e-01 -0.5282966921 -0.5259221008
## 2771 2008-05-20 -0.5259004680 -5.265376e-01 -0.5270066723 -0.5276332944
## 2772 2008-05-21 -0.5278610072 -5.282078e-01 -0.5297962059 -0.5302709283
## 2773 2008-05-22 -0.5297017440 -5.297810e-01 -0.5292449145 -0.5292245944
## 2774 2008-05-23 -0.5298433356 -5.306646e-01 -0.5298733867 -0.5302164371
## 2775 2008-05-27 -0.5301592023 -5.284772e-01 -0.5292779909 -0.5277422855
## 2776 2008-05-28 -0.5274688983 -5.285957e-01 -0.5281533596 -0.5283308500

```

```

## 2777 2008-05-29 -0.5275996034 -5.273350e-01 -0.5268523118 -0.5280365726
## 2778 2008-05-30 -0.5276322781 -5.275397e-01 -0.5267089706 -0.5266523532
## 2779 2008-06-02 -0.5270114389 -5.277552e-01 -0.5269846163 -0.5281673591
## 2780 2008-06-03 -0.5274906865 -5.274104e-01 -0.5278556579 -0.5282981531
## 2781 2008-06-04 -0.5281441991 -5.274858e-01 -0.5273484708 -0.5267831484
## 2782 2008-06-05 -0.5259658162 -5.241885e-01 -0.5250550962 -0.5235024501
## 2783 2008-06-06 -0.5247350332 -5.255247e-01 -0.5264223045 -0.5277313927
## 2784 2008-06-09 -0.5269678713 -5.277983e-01 -0.5291126012 -0.5290393081
## 2785 2008-06-10 -0.5302245592 -5.283263e-01 -0.5290244012 -0.5288322177
## 2786 2008-06-11 -0.5289719879 -5.294470e-01 -0.5303144210 -0.5313826636
## 2787 2008-06-12 -0.5304206136 -5.304706e-01 -0.5325416351 -0.5326142837
## 2788 2008-06-13 -0.5318583464 -5.294470e-01 -0.5306782755 -0.5293226927
## 2789 2008-06-16 -0.5299849360 -5.267208e-01 -0.5287928511 -0.5265651652
## 2790 2008-06-17 -0.5248330560 -5.248135e-01 -0.5239525134 -0.5251809469
## 2791 2008-06-18 -0.5260856284 -5.260311e-01 -0.5255843393 -0.5256714207
## 2792 2008-06-19 -0.5258568993 -5.246303e-01 -0.5253858744 -0.5237749332
## 2793 2008-06-20 -0.5248875200 -5.257187e-01 -0.5264774293 -0.5272191235
## 2794 2008-06-23 -0.5268480591 -5.271302e-01 -0.5275359077 -0.5276768928
## 2795 2008-06-24 -0.5287541442 -5.285957e-01 -0.5296528734 -0.5288104234
## 2796 2008-06-25 -0.5277738784 -5.271302e-01 -0.5275689918 -0.5278621791
## 2797 2008-06-26 -0.5292442858 -5.295655e-01 -0.5314500802 -0.5324507928
## 2798 2008-06-27 -0.5330673500 -5.336817e-01 -0.5351768070 -0.5342382806
## 2799 2008-06-30 -0.5336772939 -5.336278e-01 -0.5345262875 -0.5356878927
## 2800 2008-07-01 -0.5367161392 -5.356644e-01 -0.5374922377 -0.5353718112
## 2801 2008-07-02 -0.5346248850 -5.354704e-01 -0.5365440164 -0.5377478646
## 2802 2008-07-03 -0.5364220531 -5.360846e-01 -0.5374922377 -0.5371375047
## 2803 2008-07-07 -0.5365745388 -5.354812e-01 -0.5372276123 -0.5366034401
## 2804 2008-07-08 -0.5365636535 -5.343067e-01 -0.5361360574 -0.5338241096
## 2805 2008-07-09 -0.5341892150 -5.349424e-01 -0.5375363344 -0.5386525095
## 2806 2008-07-10 -0.5383934951 -5.383152e-01 -0.5402817713 -0.5386307152
## 2807 2008-07-11 -0.5398094386 -5.402332e-01 -0.5416599998 -0.5409086692
## 2808 2008-07-14 -0.5399074701 -5.407612e-01 -0.5429279724 -0.5433719183
## 2809 2008-07-15 -0.5436542833 -5.417094e-01 -0.5457946812 -0.5425544691
## 2810 2008-07-16 -0.5424888495 -5.372592e-01 -0.5415497438 -0.5373118983
## 2811 2008-07-17 -0.5378488994 -5.376579e-01 -0.5405574170 -0.5370176111
## 2812 2008-07-18 -0.5392212752 -5.393173e-01 -0.5398297079 -0.5402765063
## 2813 2008-07-21 -0.5396787410 -5.404379e-01 -0.5421451308 -0.5409740630
## 2814 2008-07-22 -0.5423254774 -5.411491e-01 -0.5426082222 -0.5415299306
## 2815 2008-07-23 -0.5419224732 -5.379919e-01 -0.5408661391 -0.5387288047
## 2816 2008-07-24 -0.5322940164 -5.268824e-01 -0.5311303301 -0.5298131589
## 2817 2008-07-25 -0.5286670154 -5.284341e-01 -0.5291126012 -0.5302600344
## 2818 2008-07-28 -0.5314335628 -5.312680e-01 -0.5327070236 -0.5327995711
## 2819 2008-07-29 -0.5320870755 -5.307400e-01 -0.5312736626 -0.5303690266
## 2820 2008-07-30 -0.5300502842 -5.296086e-01 -0.5309869976 -0.5303690266
## 2821 2008-07-31 -0.5318038835 -5.314189e-01 -0.5313398241 -0.5324072031
## 2822 2008-08-01 -0.5322286671 -5.332291e-01 -0.5336001135 -0.5330502588
## 2823 2008-08-04 -0.5326316712 -5.323563e-01 -0.5325416351 -0.5330938572
## 2824 2008-08-05 -0.5316187232 -5.299642e-01 -0.5308767404 -0.5293880854
## 2825 2008-08-06 -0.5298433356 -5.309232e-01 -0.5306451914 -0.5304998217
## 2826 2008-08-07 -0.5315206916 -5.315482e-01 -0.5314500802 -0.5317423434

```

```

## 2827 2008-08-08 -0.5317712089 -5.281431e-01 -0.5311303301 -0.5278621791
## 2828 2008-08-11 -0.5280679568 -5.167858e-01 -0.5272823181 -0.5196004992
## 2829 2008-08-12 -0.5202911298 -5.203094e-01 -0.5203139954 -0.5205160379
## 2830 2008-08-13 -0.5214238900 -5.205572e-01 -0.5220340214 -0.5211263978
## 2831 2008-08-14 -0.5220447292 -5.200184e-01 -0.5212842650 -0.5196658919
## 2832 2008-08-15 -0.5192455071 -5.191780e-01 -0.5201375777 -0.5214424782
## 2833 2008-08-18 -0.5216308397 -5.226800e-01 -0.5236878957 -0.5250283564
## 2834 2008-08-19 -0.5248984141 -5.256648e-01 -0.5258710131 -0.5270120331
## 2835 2008-08-20 -0.5260856284 -5.259449e-01 -0.5257166526 -0.5260964943
## 2836 2008-08-21 -0.5267282470 -5.253846e-01 -0.5259592142 -0.5248648654
## 2837 2008-08-22 -0.5236131670 -5.235636e-01 -0.5227065980 -0.5226850009
## 2838 2008-08-25 -0.5232210581 -5.244472e-01 -0.5243384240 -0.5253117420
## 2839 2008-08-26 -0.5252796289 -5.260850e-01 -0.5256615201 -0.5264997638
## 2840 2008-08-27 -0.5266955734 -5.264945e-01 -0.5259371659 -0.5265324607
## 2841 2008-08-28 -0.5258568993 -5.255139e-01 -0.5250550962 -0.5246904806
## 2842 2008-08-29 -0.5251053539 -5.263221e-01 -0.5264884573 -0.5275352038
## 2843 2008-09-02 -0.5248221619 -5.245980e-01 -0.5257056246 -0.5268812379
## 2844 2008-09-03 -0.5267391411 -5.272919e-01 -0.5270177004 -0.5275788022
## 2845 2008-09-04 -0.5276104986 -5.285742e-01 -0.5292228661 -0.5305652144
## 2846 2008-09-05 -0.5311612649 -5.286711e-01 -0.5302592885 -0.5293008897
## 2847 2008-09-08 -0.5258133305 -5.254062e-01 -0.5283077212 -0.5271537210
## 2848 2008-09-09 -0.5274362236 -5.273350e-01 -0.5281533596 -0.5294643806
## 2849 2008-09-10 -0.5282531172 -5.292099e-01 -0.5312846906 -0.5319712281
## 2850 2008-09-11 -0.5334158902 -5.296625e-01 -0.5324424070 -0.5289521114
## 2851 2008-09-12 -0.5295601513 -5.298780e-01 -0.5307664755 -0.5302709283
## 2852 2008-09-15 -0.5316840714 -5.295763e-01 -0.5311193021 -0.5313172709
## 2853 2008-09-16 -0.5317494207 -5.298457e-01 -0.5307113519 -0.5298022574
## 2854 2008-09-17 -0.5307909355 -5.313434e-01 -0.5366983769 -0.5376388725
## 2855 2008-09-18 -0.5358012140 -5.321408e-01 -0.5379773686 -0.5322328096
## 2856 2008-09-19 -0.5281333051 -5.221520e-01 -0.5308987888 -0.5273281145
## 2857 2008-09-22 -0.5270332282 -5.276906e-01 -0.5333024195 -0.5339440032
## 2858 2008-09-23 -0.5328495062 -5.334446e-01 -0.5372165920 -0.5373990863
## 2859 2008-09-24 -0.5366507822 -5.362894e-01 -0.5392343131 -0.5393609676
## 2860 2008-09-25 -0.5384370551 -5.372592e-01 -0.5380545494 -0.5370503080
## 2861 2008-09-26 -0.5396787410 -5.390910e-01 -0.5401825344 -0.5385544199
## 2862 2008-09-29 -0.5408877359 -5.409013e-01 -0.5476359968 -0.5465654209
## 2863 2008-09-30 -0.5436869667 -5.368605e-01 -0.5432256653 -0.5363091540
## 2864 2008-10-01 -0.5372171662 -5.380781e-01 -0.5398186798 -0.5397751386
## 2865 2008-10-02 -0.5417373129 -5.413431e-01 -0.5431264284 -0.5421947893
## 2866 2008-10-03 -0.5397876591 -5.391987e-01 -0.5418253895 -0.5425871660
## 2867 2008-10-06 -0.5456257253 -5.446511e-01 -0.5485731912 -0.5445163428
## 2868 2008-10-07 -0.5437414208 -5.440692e-01 -0.5507452805 -0.5518297914
## 2869 2008-10-08 -0.5547967163 -5.480346e-01 -0.5542184188 -0.5491049608
## 2870 2008-10-09 -0.5479021322 -5.472264e-01 -0.5535017377 -0.5545764207
## 2871 2008-10-10 -0.5576830703 -5.512672e-01 -0.5589595240 -0.5543039376
## 2872 2008-10-13 -0.5511806006 -5.486165e-01 -0.5519912003 -0.5480150286
## 2873 2008-10-14 -0.5462356703 -5.466877e-01 -0.5548248383 -0.5547290101
## 2874 2008-10-15 -0.5560819622 -5.567196e-01 -0.5619364989 -0.5625111264
## 2875 2008-10-16 -0.5648608420 -5.610190e-01 -0.5674053088 -0.5607999328
## 2876 2008-10-17 -0.5622141068 -5.484872e-01 -0.5618703417 -0.5604075561

```

```

## 2877 2008-10-20 -0.5585762117 -5.584329e-01 -0.5602164674 -0.5578789143
## 2878 2008-10-21 -0.5589138578 -5.585945e-01 -0.5602054438 -0.5608653298
## 2879 2008-10-22 -0.5608852965 -5.591118e-01 -0.5624326568 -0.5611269113
## 2880 2008-10-23 -0.5681610954 -5.607927e-01 -0.5674935133 -0.5607672359
## 2881 2008-10-24 -0.5666580101 -5.592734e-01 -0.5661814408 -0.5622495448
## 2882 2008-10-27 -0.5620289464 -5.589825e-01 -0.5618482901 -0.5615737836
## 2883 2008-10-28 -0.5593059678 -5.549848e-01 -0.5611426370 -0.5545328223
## 2884 2008-10-29 -0.5549165273 -5.512241e-01 -0.5551335604 -0.5536063821
## 2885 2008-10-30 -0.5513984400 -5.511164e-01 -0.5545161117 -0.5538025699
## 2886 2008-10-31 -0.5543937165 -5.539611e-01 -0.5545932970 -0.5532249025
## 2887 2008-11-03 -0.5540233914 -5.539611e-01 -0.5545822689 -0.5548271051
## 2888 2008-11-04 -0.5531411442 -5.523663e-01 -0.5543617512 -0.5519060856
## 2889 2008-11-05 -0.5528034937 -5.531529e-01 -0.5583310518 -0.5589579483
## 2890 2008-11-06 -0.5611575944 -5.606527e-01 -0.5641967927 -0.5641460248
## 2891 2008-11-07 -0.5633795460 -5.619996e-01 -0.5634139599 -0.5619770618
## 2892 2008-11-10 -0.5609615388 -5.610406e-01 -0.5635793441 -0.5627945109
## 2893 2008-11-11 -0.5640984124 -5.638637e-01 -0.5658396390 -0.5651487646
## 2894 2008-11-12 -0.5674857934 -5.666869e-01 -0.5701507369 -0.5703150413
## 2895 2008-11-13 -0.5703067993 -5.671610e-01 -0.5728189897 -0.5666419707
## 2896 2008-11-14 -0.5678996873 -5.676998e-01 -0.5694891894 -0.5701079552
## 2897 2008-11-17 -0.5719296968 -5.711910e-01 -0.5721684658 -0.5723532168
## 2898 2008-11-18 -0.5721257512 -5.718376e-01 -0.5754651863 -0.5737156321
## 2899 2008-11-19 -0.5740427271 -5.736263e-01 -0.5758290409 -0.5765494548
## 2900 2008-11-20 -0.5769617602 -5.728505e-01 -0.5770088046 -0.5774323010
## 2901 2008-11-21 -0.5757636518 -5.736263e-01 -0.5758621173 -0.5743368935
## 2902 2008-11-24 -0.5731495901 -5.688420e-01 -0.5725764203 -0.5692905061
## 2903 2008-11-25 -0.5695552594 -5.694346e-01 -0.5715730699 -0.5696283861
## 2904 2008-11-26 -0.5708840741 -5.682386e-01 -0.5708233135 -0.5676992061
## 2905 2008-11-28 -0.5674422291 -5.681308e-01 -0.5686953286 -0.5690725185
## 2906 2008-12-01 -0.5696532866 -5.690360e-01 -0.5707240811 -0.5715030674
## 2907 2008-12-02 -0.5703176945 -5.707061e-01 -0.5724441115 -0.5707183184
## 2908 2008-12-03 -0.5716573989 -5.662128e-01 -0.5710879356 -0.5663367908
## 2909 2008-12-04 -0.5653618734 -5.612345e-01 -0.5648032122 -0.5640370326
## 2910 2008-12-05 -0.5654163329 -5.634004e-01 -0.5675045413 -0.5630124985
## 2911 2008-12-08 -0.5618655655 -5.594674e-01 -0.5630280526 -0.5595792097
## 2912 2008-12-09 -0.5611467003 -5.569459e-01 -0.5604480087 -0.5597535989
## 2913 2008-12-10 -0.5593495365 -5.601570e-01 -0.5619475225 -0.5614429928
## 2914 2008-12-11 -0.5616695111 -5.612453e-01 -0.5621349638 -0.5630233956
## 2915 2008-12-12 -0.5636409498 -5.602863e-01 -0.5628516405 -0.5597535989
## 2916 2008-12-15 -0.5602317784 -5.607496e-01 -0.5621570111 -0.5623694385
## 2917 2008-12-16 -0.5613536488 -5.585838e-01 -0.5609000677 -0.5582494913
## 2918 2008-12-17 -0.5584781845 -5.566334e-01 -0.5584302843 -0.5576500296
## 2919 2008-12-18 -0.5576721806 -5.565472e-01 -0.5587941344 -0.5588489529
## 2920 2008-12-19 -0.5592079406 -5.585514e-01 -0.5591028609 -0.5594157188
## 2921 2008-12-22 -0.5591970508 -5.594566e-01 -0.5618041856 -0.5612904034
## 2922 2008-12-23 -0.5608090531 -5.600385e-01 -0.5599849261 -0.5599388852
## 2923 2008-12-24 -0.5591316972 -5.596721e-01 -0.5590036284 -0.5595465128
## 2924 2008-12-26 -0.5568117183 -5.575170e-01 -0.5584082326 -0.5591759359
## 2925 2008-12-29 -0.5593822112 -5.598660e-01 -0.5617049532 -0.5617699714
## 2926 2008-12-30 -0.5614734610 -5.604695e-01 -0.5615064872 -0.5602876679

```

```

## 2927 2008-12-31 -0.5601337511 -5.599523e-01 -0.5602164674 -0.5597209020
## 2928 2009-01-02 -0.5594693487 -5.568920e-01 -0.5589374713 -0.5563639085
## 2929 2009-01-05 -0.5546986879 -5.555882e-01 -0.5567764099 -0.5566908882
## 2930 2009-01-06 -0.5559839349 -5.529159e-01 -0.5559825492 -0.5530941118
## 2931 2009-01-07 -0.5540887396 -5.542844e-01 -0.5542184188 -0.5543584332
## 2932 2009-01-08 -0.5555046874 -5.538857e-01 -0.5550674032 -0.5533120993
## 2933 2009-01-09 -0.5534025523 -5.542305e-01 -0.5549350943 -0.5551104897
## 2934 2009-01-12 -0.5564522873 -5.571399e-01 -0.5591579889 -0.5590233465
## 2935 2009-01-13 -0.5598941323 -5.582282e-01 -0.5592902978 -0.5595356113
## 2936 2009-01-14 -0.5608308380 -5.616656e-01 -0.5621680402 -0.5627618097
## 2937 2009-01-15 -0.5625081896 -5.593704e-01 -0.5627303553 -0.5595465128
## 2938 2009-01-16 -0.5589792114 -5.592626e-01 -0.5606354500 -0.5593830219
## 2939 2009-01-20 -0.5601228614 -5.599415e-01 -0.5620247033 -0.5628163096
## 2940 2009-01-21 -0.5616912960 -5.610298e-01 -0.5620467550 -0.5605274497
## 2941 2009-01-22 -0.5615714882 -5.608251e-01 -0.5620357314 -0.5611814112
## 2942 2009-01-23 -0.5621378634 -5.602432e-01 -0.5618262373 -0.5604293558
## 2943 2009-01-26 -0.5607437005 -5.608143e-01 -0.5617490576 -0.5615192880
## 2944 2009-01-27 -0.5617021901 -5.613207e-01 -0.5626311228 -0.5628163096
## 2945 2009-01-28 -0.5612447275 -5.601678e-01 -0.5612528942 -0.5607236375
## 2946 2009-01-29 -0.5609833237 -5.597798e-01 -0.5610654573 -0.5611160142
## 2947 2009-01-30 -0.5529233048 -5.512780e-01 -0.5521345327 -0.5515028118
## 2948 2009-02-02 -0.5516053842 -5.488428e-01 -0.5511532351 -0.5489632674
## 2949 2009-02-03 -0.5491002449 -5.464722e-01 -0.5490914062 -0.5463038349
## 2950 2009-02-04 -0.5463663722 -5.472911e-01 -0.5481762602 -0.5490613624
## 2951 2009-02-05 -0.5487952681 -5.468924e-01 -0.5483967779 -0.5467507072
## 2952 2009-02-06 -0.5465842116 -5.434550e-01 -0.5455851927 -0.5430776322
## 2953 2009-02-09 -0.5429027466 -5.430671e-01 -0.5431595137 -0.5429032474
## 2954 2009-02-10 -0.5433493108 -5.432072e-01 -0.5457064768 -0.5466090149
## 2955 2009-02-11 -0.5466713491 -5.457179e-01 -0.5466105947 -0.5454754886
## 2956 2009-02-12 -0.5465079682 -5.464183e-01 -0.5472059906 -0.5459005611
## 2957 2009-02-13 -0.5457237492 -5.459549e-01 -0.5459269945 -0.5466635148
## 2958 2009-02-17 -0.5482288929 -5.481424e-01 -0.5477903584 -0.5483965070
## 2959 2009-02-18 -0.5475753758 -5.480023e-01 -0.5485180631 -0.5476553531
## 2960 2009-02-19 -0.5469545367 -5.464937e-01 -0.5472500950 -0.5480913227
## 2961 2009-02-20 -0.5488824056 -5.465260e-01 -0.5481652366 -0.5460095521
## 2962 2009-02-23 -0.5455167996 -5.457071e-01 -0.5474154802 -0.5483529087
## 2963 2009-02-24 -0.5479021322 -5.444248e-01 -0.5470075257 -0.5441130733
## 2964 2009-02-25 -0.5447108001 -5.448020e-01 -0.5459821225 -0.5461730442
## 2965 2009-02-26 -0.5455603684 -5.459011e-01 -0.5465113623 -0.5476662503
## 2966 2009-02-27 -0.5486754614 -5.455239e-01 -0.5480549794 -0.5449959152
## 2967 2009-03-02 -0.5457564272 -5.450498e-01 -0.5474265083 -0.5480477244
## 2968 2009-03-03 -0.5470525639 -5.474527e-01 -0.5476580496 -0.5483638058
## 2969 2009-03-04 -0.5469981054 -5.447589e-01 -0.5464452051 -0.5449741198
## 2970 2009-03-05 -0.5455603684 -5.447481e-01 -0.5451221101 -0.5450177182
## 2971 2009-03-06 -0.5443840481 -5.450714e-01 -0.5492898711 -0.5483747073
## 2972 2009-03-09 -0.5476516181 -5.466554e-01 -0.5489260166 -0.5496826227
## 2973 2009-03-10 -0.5473357515 -5.446403e-01 -0.5471288098 -0.5439931797
## 2974 2009-03-11 -0.5432512879 -5.409013e-01 -0.5432807978 -0.5409086692
## 2975 2009-03-12 -0.5409530939 -5.403625e-01 -0.5410976804 -0.5397751386
## 2976 2009-03-13 -0.5395480359 -5.405026e-01 -0.5407889583 -0.5408105797

```

```

## 2977 2009-03-16 -0.5407243637 -5.409875e-01 -0.5417261526 -0.5426089613
## 2978 2009-03-17 -0.5420204961 -5.383798e-01 -0.5413733261 -0.5378459629
## 2979 2009-03-18 -0.5380994091 -5.360092e-01 -0.5379222450 -0.5379549539
## 2980 2009-03-19 -0.5376310556 -5.381643e-01 -0.5389035427 -0.5392083782
## 2981 2009-03-20 -0.5387311423 -5.392634e-01 -0.5390799515 -0.5393609676
## 2982 2009-03-23 -0.5376746244 -5.341774e-01 -0.5372937728 -0.5332355451
## 2983 2009-03-24 -0.5338733495 -5.348347e-01 -0.5355186132 -0.5362546618
## 2984 2009-03-25 -0.5357903286 -5.359661e-01 -0.5382419951 -0.5367015297
## 2985 2009-03-26 -0.5353764304 -5.348562e-01 -0.5351547598 -0.5352955171
## 2986 2009-03-27 -0.5374023265 -5.377548e-01 -0.5379553214 -0.5387506077
## 2987 2009-03-30 -0.5387202471 -5.384229e-01 -0.5383412232 -0.5377478646
## 2988 2009-03-31 -0.5363131351 -5.353735e-01 -0.5357280985 -0.5355680001
## 2989 2009-04-01 -0.5358665709 -5.347377e-01 -0.5361801619 -0.5355026064
## 2990 2009-04-02 -0.5352021641 -5.324210e-01 -0.5342726902 -0.5324072031
## 2991 2009-04-03 -0.5321633189 -5.312572e-01 -0.5320013717 -0.5304126249
## 2992 2009-04-06 -0.5312483937 -5.312141e-01 -0.5314500802 -0.5306088127
## 2993 2009-04-07 -0.5315642603 -5.325934e-01 -0.5326849764 -0.5333118404
## 2994 2009-04-08 -0.5326970205 -5.325611e-01 -0.5330267737 -0.5317096389
## 2995 2009-04-09 -0.5309760958 -5.294470e-01 -0.5300608236 -0.5286687344
## 2996 2009-04-13 -0.5284382863 -5.294793e-01 -0.5294103041 -0.5295733727
## 2997 2009-04-14 -0.5304423942 -5.300288e-01 -0.5304136501 -0.5314480573
## 2998 2009-04-15 -0.5331653728 -5.339619e-01 -0.5341955094 -0.5341837894
## 2999 2009-04-16 -0.5333505332 -5.321624e-01 -0.5323762454 -0.5314153604
## 3000 2009-04-17 -0.5317712089 -5.308262e-01 -0.5315823935 -0.5305434114
## 3001 2009-04-20 -0.5299631478 -5.296732e-01 -0.5305349342 -0.5310665821
## 3002 2009-04-21 -0.5311721503 -5.304168e-01 -0.5300277472 -0.5297913636
## 3003 2009-04-22 -0.5302572338 -5.270979e-01 -0.5294544074 -0.5292899958
## 3004 2009-04-23 -0.5268153845 -5.272272e-01 -0.5280541228 -0.5277531870
## 3005 2009-04-24 -0.5260529537 -5.222490e-01 -0.5262348599 -0.5235569500
## 3006 2009-04-27 -0.5240379517 -5.240808e-01 -0.5246030417 -0.5250174549
## 3007 2009-04-28 -0.5253449782 -5.236821e-01 -0.5243935476 -0.5258022072
## 3008 2009-04-29 -0.5250073310 -5.262251e-01 -0.5278556579 -0.5286469314
## 3009 2009-04-30 -0.5272510632 -5.265699e-01 -0.5271610339 -0.5278512852
## 3010 2009-05-01 -0.5278501218 -5.290375e-01 -0.5294103041 -0.5295515774
## 3011 2009-05-04 -0.5279808193 -5.279923e-01 -0.5283077212 -0.5286687344
## 3012 2009-05-05 -0.5271639257 -5.272919e-01 -0.5268302558 -0.5263471733
## 3013 2009-05-06 -0.5251271432 -5.255678e-01 -0.5274146225 -0.5262490838
## 3014 2009-05-07 -0.5252905154 -5.264837e-01 -0.5293772277 -0.5292027991
## 3015 2009-05-08 -0.5286016585 -5.291991e-01 -0.5311082817 -0.5306524111
## 3016 2009-05-11 -0.5317494207 -5.296086e-01 -0.5314390522 -0.5299330515
## 3017 2009-05-12 -0.5296799635 -5.305568e-01 -0.5308657124 -0.5306742065
## 3018 2009-05-13 -0.5323484793 -5.330567e-01 -0.5336442179 -0.5347505509
## 3019 2009-05-14 -0.5350278891 -5.336925e-01 -0.5344160304 -0.5337478144
## 3020 2009-05-15 -0.5342109956 -5.335309e-01 -0.5342947462 -0.5353936153
## 3021 2009-05-18 -0.5348427288 -5.338002e-01 -0.5346475728 -0.5328322756
## 3022 2009-05-19 -0.5332416163 -5.305676e-01 -0.5324203498 -0.5307395992
## 3023 2009-05-20 -0.5298977985 -5.282509e-01 -0.5298844147 -0.5306306081
## 3024 2009-05-21 -0.5318038835 -5.316344e-01 -0.5321116277 -0.5328213741
## 3025 2009-05-22 -0.5325118602 -5.326365e-01 -0.5325306147 -0.5331701524
## 3026 2009-05-26 -0.5336772939 -5.310848e-01 -0.5330488221 -0.5301728388

```

```

## 3027 2009-05-27 -0.5298869044 -5.299857e-01 -0.5306231431 -0.5315788524
## 3028 2009-05-28 -0.5307691549 -5.304168e-01 -0.5315823935 -0.5309793853
## 3029 2009-05-29 -0.5307473667 -5.315913e-01 -0.5310090449 -0.5306088127
## 3030 2009-06-01 -0.5302136651 -5.242747e-01 -0.5298072339 -0.5250937501
## 3031 2009-06-02 -0.5256281702 -5.235743e-01 -0.5247243269 -0.5230446808
## 3032 2009-06-03 -0.5246587898 -5.232942e-01 -0.5235886676 -0.5222272316
## 3033 2009-06-04 -0.5223605958 -5.225507e-01 -0.5220009450 -0.5224016240
## 3034 2009-06-05 -0.5214129959 -5.208805e-01 -0.5211960562 -0.5201781611
## 3035 2009-06-08 -0.5209119690 -5.217102e-01 -0.5214055491 -0.5214860766
## 3036 2009-06-09 -0.5207159145 -5.211822e-01 -0.5202368146 -0.5207013242
## 3037 2009-06-10 -0.5200079379 -5.202232e-01 -0.5217142712 -0.5212353976
## 3038 2009-06-11 -0.5214021019 -5.213762e-01 -0.5214717019 -0.5222163301
## 3039 2009-06-12 -0.5227853794 -5.238437e-01 -0.5248235549 -0.5239711210
## 3040 2009-06-15 -0.5251815973 -5.258911e-01 -0.5259371659 -0.5249520622
## 3041 2009-06-16 -0.5242340062 -5.251907e-01 -0.5256284438 -0.5260746902
## 3042 2009-06-17 -0.5255410327 -5.248135e-01 -0.5263340968 -0.5255297241
## 3043 2009-06-18 -0.5252033855 -5.262682e-01 -0.5259371659 -0.5266741573
## 3044 2009-06-19 -0.5259222475 -5.257187e-01 -0.5253858744 -0.5251918484
## 3045 2009-06-22 -0.5256390555 -5.268285e-01 -0.5286274703 -0.5293444870
## 3046 2009-06-23 -0.5293858774 -5.304168e-01 -0.5311744345 -0.5309466896
## 3047 2009-06-24 -0.5304423942 -5.288759e-01 -0.5294654277 -0.5292137006
## 3048 2009-06-25 -0.5292442858 -5.270440e-01 -0.5281092552 -0.5260201991
## 3049 2009-06-26 -0.5261945454 -5.249859e-01 -0.5257938334 -0.5241891129
## 3050 2009-06-29 -0.5240488371 -5.249213e-01 -0.5243825196 -0.5251155531
## 3051 2009-06-30 -0.5243211350 -5.241454e-01 -0.5243163679 -0.5244288904
## 3052 2009-07-01 -0.5234497872 -5.245980e-01 -0.5255292069 -0.5266741573
## 3053 2009-07-02 -0.5270550077 -5.279707e-01 -0.5286825950 -0.5291592007
## 3054 2009-07-06 -0.5299522613 -5.306430e-01 -0.5308546844 -0.5304889202
## 3055 2009-07-07 -0.5298651238 -5.308585e-01 -0.5321005997 -0.5331810539
## 3056 2009-07-08 -0.5321197501 -5.316775e-01 -0.5317808584 -0.5312954668
## 3057 2009-07-09 -0.5301700963 -5.310202e-01 -0.5305459623 -0.5304889202
## 3058 2009-07-10 -0.5309652094 -5.307185e-01 -0.5312626433 -0.5310011894
## 3059 2009-07-13 -0.5303661508 -5.276690e-01 -0.5292338864 -0.5268158453
## 3060 2009-07-14 -0.5266520047 -5.268393e-01 -0.5265766661 -0.5262926821
## 3061 2009-07-15 -0.5249964369 -5.244472e-01 -0.5239745694 -0.5234588517
## 3062 2009-07-16 -0.5234497872 -5.227231e-01 -0.5229381393 -0.5217585596
## 3063 2009-07-17 -0.5219466976 -5.224429e-01 -0.5213063211 -0.5220419453
## 3064 2009-07-20 -0.5214347841 -5.198784e-01 -0.5201375777 -0.5194479011
## 3065 2009-07-21 -0.5189841034 -5.197383e-01 -0.5188806333 -0.5185977550
## 3066 2009-07-22 -0.5188425030 -5.195012e-01 -0.5184616551 -0.5188375412
## 3067 2009-07-23 -0.5175463717 -5.139303e-01 -0.5164659834 -0.5133006832
## 3068 2009-07-24 -0.5199861584 -5.198568e-01 -0.5209755429 -0.5213443886
## 3069 2009-07-27 -0.5214674588 -5.224537e-01 -0.5231145559 -0.5237967362
## 3070 2009-07-28 -0.5240815205 -5.233696e-01 -0.5241730355 -0.5229901809
## 3071 2009-07-29 -0.5233953244 -5.235205e-01 -0.5231586603 -0.5236877451
## 3072 2009-07-30 -0.5221209726 -5.216348e-01 -0.5213393975 -0.5217803637
## 3073 2009-07-31 -0.5219902663 -5.221735e-01 -0.5219458125 -0.5221400348
## 3074 2009-08-03 -0.5211189175 -5.206111e-01 -0.5198068073 -0.5203089486
## 3075 2009-08-04 -0.5201168559 -5.213869e-01 -0.5216040152 -0.5220964364
## 3076 2009-08-05 -0.5221209726 -5.232511e-01 -0.5237099518 -0.5237422363

```

```

## 3077 2009-08-06 -0.5235695983 -5.242316e-01 -0.5236768677 -0.5235460485
## 3078 2009-08-07 -0.5237983285 -5.230248e-01 -0.5225191612 -0.5226196072
## 3079 2009-08-10 -0.5228071599 -5.235528e-01 -0.5234343060 -0.5235787454
## 3080 2009-08-11 -0.5242993555 -5.247058e-01 -0.5243384240 -0.5245378901
## 3081 2009-08-12 -0.5245389787 -5.223352e-01 -0.5233130219 -0.5219220516
## 3082 2009-08-13 -0.5220338351 -5.225830e-01 -0.5225522364 -0.5234043606
## 3083 2009-08-14 -0.5237874333 -5.249536e-01 -0.5239745694 -0.5245160871
## 3084 2009-08-17 -0.5270005449 -5.275289e-01 -0.5267641030 -0.5272627207
## 3085 2009-08-18 -0.5267282470 -5.265484e-01 -0.5261687072 -0.5261073871
## 3086 2009-08-19 -0.5272728427 -5.262143e-01 -0.5264994853 -0.5251482500
## 3087 2009-08-20 -0.5250182175 -5.247596e-01 -0.5241068739 -0.5239602282
## 3088 2009-08-21 -0.5230576772 -5.239946e-01 -0.5231366043 -0.5229683855
## 3089 2009-08-24 -0.5226328936 -5.234235e-01 -0.5223647996 -0.5235133516
## 3090 2009-08-25 -0.5231883748 -5.226153e-01 -0.5226845497 -0.5238512284
## 3091 2009-08-26 -0.5237983285 -5.243178e-01 -0.5233130219 -0.5240583178
## 3092 2009-08-27 -0.5238963514 -5.242209e-01 -0.5235776396 -0.5237204409
## 3093 2009-08-28 -0.5230576772 -5.240700e-01 -0.5242061107 -0.5254098316
## 3094 2009-08-31 -0.5261618718 -5.273458e-01 -0.5266538469 -0.5271210252
## 3095 2009-09-01 -0.5274580118 -5.268393e-01 -0.5281423316 -0.5293335855
## 3096 2009-09-02 -0.5293096340 -5.292853e-01 -0.5294654277 -0.5304453218
## 3097 2009-09-03 -0.5300176106 -5.305676e-01 -0.5297851779 -0.5300965435
## 3098 2009-09-04 -0.5301483158 -5.296840e-01 -0.5296528734 -0.5296496669
## 3099 2009-09-08 -0.5284164970 -5.283263e-01 -0.5282856641 -0.5274371055
## 3100 2009-09-09 -0.5276104986 -5.266130e-01 -0.5264884573 -0.5259766007
## 3101 2009-09-10 -0.5257261930 -5.250614e-01 -0.5245038048 -0.5242218098
## 3102 2009-09-11 -0.5234279991 -5.241670e-01 -0.5228940349 -0.5234697532
## 3103 2009-09-14 -0.5241141940 -5.245226e-01 -0.5232248131 -0.5242109072
## 3104 2009-09-15 -0.5237220851 -5.246950e-01 -0.5239635414 -0.5245487840
## 3105 2009-09-16 -0.5218268854 -5.176155e-01 -0.5205345076 -0.5167557750
## 3106 2009-09-17 -0.5165552031 -5.173892e-01 -0.5171165029 -0.5170391519
## 3107 2009-09-18 -0.5165660972 -5.175940e-01 -0.5165982878 -0.5172135443
## 3108 2009-09-21 -0.5177097439 -5.178526e-01 -0.5176898427 -0.5169083644
## 3109 2009-09-22 -0.5157818783 -5.141566e-01 -0.5148010810 -0.5134314783
## 3110 2009-09-23 -0.5143005768 -5.138226e-01 -0.5135661849 -0.5149246888
## 3111 2009-09-24 -0.5151937138 -5.157514e-01 -0.5151649345 -0.5152189661
## 3112 2009-09-25 -0.5158036589 -5.162470e-01 -0.5162895657 -0.5169519628
## 3113 2009-09-28 -0.5162393365 -5.156436e-01 -0.5153523725 -0.5151099751
## 3114 2009-09-29 -0.5152372826 -5.161608e-01 -0.5159036639 -0.5156440397
## 3115 2009-09-30 -0.5149105219 -5.141782e-01 -0.5144372265 -0.5138565508
## 3116 2009-10-01 -0.5146491181 -5.155466e-01 -0.5156059610 -0.5163851936
## 3117 2009-10-02 -0.5173176339 -5.174431e-01 -0.5164770026 -0.5176822163
## 3118 2009-10-05 -0.5170997989 -5.176694e-01 -0.5179213917 -0.5189683363
## 3119 2009-10-06 -0.5181018528 -5.175078e-01 -0.5177780504 -0.5165268816
## 3120 2009-10-07 -0.5157383096 -5.138441e-01 -0.5147459475 -0.5131916921
## 3121 2009-10-08 -0.5121439745 -5.114304e-01 -0.5113499911 -0.5118292768
## 3122 2009-10-09 -0.5119261395 -5.122601e-01 -0.5113169147 -0.5112952122
## 3123 2009-10-12 -0.5106517876 -5.119369e-01 -0.5126289906 -0.5135949703
## 3124 2009-10-13 -0.5132004913 -5.130144e-01 -0.5119564150 -0.5122543493
## 3125 2009-10-14 -0.5105973248 -5.102451e-01 -0.5093763744 -0.5093878308
## 3126 2009-10-15 -0.5117845478 -5.110640e-01 -0.5104127968 -0.5109682293

```

```

## 3127 2009-10-16 -0.5115993788 -5.120769e-01 -0.5120335947 -0.5117202847
## 3128 2009-10-19 -0.5115449246 -5.119045e-01 -0.5113279428 -0.5124178413
## 3129 2009-10-20 -0.5109349709 -5.120985e-01 -0.5113058944 -0.5120908584
## 3130 2009-10-21 -0.5116320610 -5.115274e-01 -0.5128053994 -0.5137911582
## 3131 2009-10-22 -0.5133856517 -5.142536e-01 -0.5141395324 -0.5137584613
## 3132 2009-10-23 -0.4944446133 -4.867223e-01 -0.4932786578 -0.4864665567
## 3133 2009-10-26 -0.4855568154 -4.802247e-01 -0.4846013361 -0.4797634723
## 3134 2009-10-27 -0.4815050221 -4.817548e-01 -0.4835759340 -0.4825645971
## 3135 2009-10-28 -0.4829863225 -4.808281e-01 -0.4820984686 -0.4830332690
## 3136 2009-10-29 -0.48044485042 -4.817117e-01 -0.4828041205 -0.4820087294
## 3137 2009-10-30 -0.4825506448 -4.832203e-01 -0.4849100582 -0.4861177784
## 3138 2009-11-02 -0.4861558653 -4.868839e-01 -0.4865639325 -0.4860850826
## 3139 2009-11-03 -0.4872341713 -4.875520e-01 -0.4866521414 -0.4865973431
## 3140 2009-11-04 -0.4857855445 -4.871533e-01 -0.4865088001 -0.4879815625
## 3141 2009-11-05 -0.4874629004 -4.853215e-01 -0.4870711196 -0.4841558970
## 3142 2009-11-06 -0.4814287787 -4.788239e-01 -0.4799925397 -0.4780631801
## 3143 2009-11-09 -0.4769522007 -4.773800e-01 -0.4767729999 -0.4775509109
## 3144 2009-11-10 -0.4772898479 -4.749124e-01 -0.4763209365 -0.4737579510
## 3145 2009-11-11 -0.4726281095 -4.741581e-01 -0.4737519162 -0.4740195239
## 3146 2009-11-12 -0.4738262267 -4.732530e-01 -0.4719326611 -0.4733437713
## 3147 2009-11-13 -0.4725409721 -4.723479e-01 -0.4721862508 -0.4706843345
## 3148 2009-11-16 -0.4714953581 -4.706561e-01 -0.4708300782 -0.4721884464
## 3149 2009-11-17 -0.4722795770 -4.735763e-01 -0.4726603537 -0.4725590190
## 3150 2009-11-18 -0.4728241727 -4.740504e-01 -0.4724288201 -0.4725154294
## 3151 2009-11-19 -0.4732162827 -4.749879e-01 -0.4735865354 -0.4750222604
## 3152 2009-11-20 -0.4762442252 -4.755805e-01 -0.4747662903 -0.4742920069
## 3153 2009-11-23 -0.4726607842 -4.723371e-01 -0.4708080222 -0.4706516376
## 3154 2009-11-24 -0.4699160174 -4.709039e-01 -0.4694628700 -0.4707170313
## 3155 2009-11-25 -0.4701992170 -4.710440e-01 -0.4692644128 -0.4695290085
## 3156 2009-11-27 -0.4734776778 -4.723371e-01 -0.4720429095 -0.4720249468
## 3157 2009-11-30 -0.4714191070 -4.690182e-01 -0.4695290216 -0.4674799304
## 3158 2009-12-01 -0.4662454476 -4.654947e-01 -0.4655707535 -0.4646570102
## 3159 2009-12-02 -0.4638383432 -4.619172e-01 -0.4620314548 -0.4605697643
## 3160 2009-12-03 -0.4589696563 -4.584260e-01 -0.4600357831 -0.4617468933
## 3161 2009-12-04 -0.4591874913 -4.610767e-01 -0.4662764055 -0.4656597457
## 3162 2009-12-07 -0.4650909068 -4.658718e-01 -0.4676766912 -0.4693328119
## 3163 2009-12-08 -0.4691209120 -4.690182e-01 -0.4687461977 -0.4694418117
## 3164 2009-12-09 -0.4687941513 -4.704945e-01 -0.4721090622 -0.4724936253
## 3165 2009-12-10 -0.4711794827 -4.688997e-01 -0.4692644128 -0.4680575934
## 3166 2009-12-11 -0.4671930387 -4.687920e-01 -0.4683823431 -0.4693982220
## 3167 2009-12-14 -0.4710814599 -4.727573e-01 -0.4726272773 -0.4724173224
## 3168 2009-12-15 -0.4729766584 -4.729190e-01 -0.4723626684 -0.4736707543
## 3169 2009-12-16 -0.4727914981 -4.740073e-01 -0.4745016726 -0.4757089221
## 3170 2009-12-17 -0.4745015199 -4.754835e-01 -0.4753286097 -0.4772893206
## 3171 2009-12-18 -0.4760808443 -4.768736e-01 -0.4767068383 -0.4755781357
## 3172 2009-12-21 -0.4732816310 -4.721216e-01 -0.4717011121 -0.4708805310
## 3173 2009-12-22 -0.4697090841 -4.691152e-01 -0.4689887670 -0.4698341884
## 3174 2009-12-23 -0.4685763162 -4.658179e-01 -0.4671143629 -0.4641774378
## 3175 2009-12-24 -0.4637838804 -4.651175e-01 -0.4635971379 -0.4646897071
## 3176 2009-12-28 -0.4631848218 -4.626607e-01 -0.4625055742 -0.4637741673

```

```

## 3177 2009-12-29 -0.4615074746 -4.620142e-01 -0.4624835182 -0.4636651675
## 3178 2009-12-30 -0.4646552368 -4.665184e-01 -0.4660889686 -0.4668477686
## 3179 2009-12-31 -0.4660820754 -4.677252e-01 -0.4669269260 -0.4689949362
## 3180 2010-01-04 -0.4669969919 -4.684471e-01 -0.4684484959 -0.4696707051
## 3181 2010-01-05 -0.4700685194 -4.696648e-01 -0.4699149322 -0.4688096499
## 3182 2010-01-06 -0.4687941513 -4.704729e-01 -0.4700913499 -0.4714690868
## 3183 2010-01-07 -0.4716151691 -4.730698e-01 -0.4732337012 -0.4739214343
## 3184 2010-01-08 -0.4731944935 -4.716044e-01 -0.4729801115 -0.4700848685
## 3185 2010-01-11 -0.4709507623 -4.725526e-01 -0.4727816378 -0.4735835575
## 3186 2010-01-12 -0.4749045164 -4.757637e-01 -0.4757145126 -0.4768097570
## 3187 2010-01-13 -0.4760917384 -4.758822e-01 -0.4765965823 -0.4748914729
## 3188 2010-01-14 -0.4747411442 -4.751602e-01 -0.4758799012 -0.4768097570
## 3189 2010-01-15 -0.4746975831 -4.759469e-01 -0.4751522009 -0.4770386416
## 3190 2010-01-19 -0.4778235571 -4.777248e-01 -0.4781622477 -0.4765263713
## 3191 2010-01-20 -0.4769304212 -4.764318e-01 -0.4773353106 -0.4785209495
## 3192 2010-01-21 -0.4767888209 -4.775632e-01 -0.4774235194 -0.4776054021
## 3193 2010-01-22 -0.4785968831 -4.780804e-01 -0.4820984686 -0.4832621537
## 3194 2010-01-25 -0.4824090532 -4.838884e-01 -0.4850092863 -0.4844828800
## 3195 2010-01-26 -0.4840864080 -4.831341e-01 -0.4839728639 -0.4853875183
## 3196 2010-01-27 -0.4835744869 -4.827569e-01 -0.4842595299 -0.4818234431
## 3197 2010-01-28 -0.4798712349 -4.785868e-01 -0.4798491984 -0.4782484664
## 3198 2010-01-29 -0.4740549482 -4.735763e-01 -0.4783717418 -0.4789242190
## 3199 2010-02-01 -0.4812327242 -4.811083e-01 -0.4897503959 -0.4860523770
## 3200 2010-02-02 -0.4860142736 -4.874443e-01 -0.4891108957 -0.4868698262
## 3201 2010-02-03 -0.4878332212 -4.867654e-01 -0.4867293211 -0.4858016980
## 3202 2010-02-04 -0.4861776545 -4.859896e-01 -0.4876334390 -0.4892458796
## 3203 2010-02-05 -0.4891838251 -4.888774e-01 -0.4894416749 -0.4876654811
## 3204 2010-02-08 -0.4853716550 -4.852676e-01 -0.4867293211 -0.4882758399
## 3205 2010-02-09 -0.4866569009 -4.873257e-01 -0.4862441824 -0.4869679244
## 3206 2010-02-10 -0.4868747360 -4.878430e-01 -0.4873467653 -0.4876981769
## 3207 2010-02-11 -0.4877351983 -4.858926e-01 -0.4867954738 -0.4847226673
## 3208 2010-02-12 -0.4857964386 -4.864098e-01 -0.4856928910 -0.4851913294
## 3209 2010-02-16 -0.4846310037 -4.858064e-01 -0.4860457175 -0.4875128906
## 3210 2010-02-17 -0.4878876840 -4.894377e-01 -0.4878429243 -0.4888426090
## 3211 2010-02-18 -0.4892273939 -4.879507e-01 -0.4886478131 -0.4869134245
## 3212 2010-02-19 -0.4869727588 -4.873257e-01 -0.4862441824 -0.4875237921
## 3213 2010-02-22 -0.4875609233 -4.874550e-01 -0.4871483004 -0.4869897198
## 3214 2010-02-23 -0.4868638419 -4.871533e-01 -0.4867844458 -0.4878289720
## 3215 2010-02-24 -0.4869183047 -4.865607e-01 -0.4860787928 -0.4851259368
## 3216 2010-02-25 -0.4866895756 -4.881339e-01 -0.4875121549 -0.4867826381
## 3217 2010-02-26 -0.4870054422 -4.869594e-01 -0.4862441824 -0.4865646462
## 3218 2010-03-01 -0.4861123052 -4.813238e-01 -0.4856598146 -0.4798724633
## 3219 2010-03-02 -0.4792395017 -4.784252e-01 -0.4776440327 -0.4787934326
## 3220 2010-03-03 -0.4788147170 -4.788670e-01 -0.4780519916 -0.4784010570
## 3221 2010-03-04 -0.4781829849 -4.768089e-01 -0.4767950472 -0.4755236358
## 3222 2010-03-05 -0.4747520296 -4.761624e-01 -0.4751411729 -0.4751094561
## 3223 2010-03-08 -0.4756560607 -4.746538e-01 -0.4744355209 -0.4738015407
## 3224 2010-03-09 -0.4742510114 -4.746969e-01 -0.4741488472 -0.4752075468
## 3225 2010-03-10 -0.4747738178 -4.743090e-01 -0.4735865354 -0.4733655743
## 3226 2010-03-11 -0.4733143056 -4.716690e-01 -0.4715136741 -0.4700194747

```

```

## 3227 2010-03-12 -0.4692298376 -4.710440e-01 -0.4706095650 -0.4719377500
## 3228 2010-03-15 -0.4719528163 -4.734146e-01 -0.4734211381 -0.4726898054
## 3229 2010-03-16 -0.4724538356 -4.731022e-01 -0.4713593136 -0.4719704632
## 3230 2010-03-17 -0.4711794827 -4.726711e-01 -0.4705654528 -0.4724609295
## 3231 2010-03-18 -0.4726934589 -4.724987e-01 -0.4714254664 -0.4709132268
## 3232 2010-03-19 -0.4697635306 -4.715720e-01 -0.4722854788 -0.4735399515
## 3233 2010-03-22 -0.4735866035 -4.745353e-01 -0.4734101188 -0.4734091651
## 3234 2010-03-23 -0.4728350592 -4.745568e-01 -0.4740385823 -0.4747279896
## 3235 2010-03-24 -0.4752857400 -4.762163e-01 -0.4749978404 -0.4760577092
## 3236 2010-03-25 -0.4747411442 -4.681239e-01 -0.4740716752 -0.4687660592
## 3237 2010-03-26 -0.4684674069 -4.680377e-01 -0.4677648989 -0.4684063793
## 3238 2010-03-29 -0.4679554858 -4.684256e-01 -0.4671364190 -0.4683409867
## 3239 2010-03-30 -0.4675524741 -4.667446e-01 -0.4660007597 -0.4667496780
## 3240 2010-03-31 -0.4672692898 -4.682424e-01 -0.4669710382 -0.4676325209
## 3241 2010-04-01 -0.4674871248 -4.685549e-01 -0.4706095650 -0.4719486591
## 3242 2010-04-05 -0.4707002363 -4.715397e-01 -0.4710505915 -0.4722974298
## 3243 2010-04-06 -0.4724647374 -4.691045e-01 -0.4706095650 -0.4678614132
## 3244 2010-04-07 -0.4673128498 -4.690182e-01 -0.4676546340 -0.4686134697
## 3245 2010-04-08 -0.4686743391 -4.634473e-01 -0.4667174320 -0.4619757693
## 3246 2010-04-09 -0.4621283050 -4.633611e-01 -0.4619101707 -0.4629567181
## 3247 2010-04-12 -0.4629125239 -4.616586e-01 -0.4612376105 -0.4617141964
## 3248 2010-04-13 -0.4615728228 -4.626607e-01 -0.4618550547 -0.4628477183
## 3249 2010-04-14 -0.4625422032 -4.599453e-01 -0.4617668459 -0.4583572029
## 3250 2010-04-15 -0.4579566995 -4.571545e-01 -0.4564744448 -0.4566786985
## 3251 2010-04-16 -0.4575972642 -4.570683e-01 -0.4592860344 -0.4606569610
## 3252 2010-04-19 -0.4603529175 -4.608397e-01 -0.4618440179 -0.4603735841
## 3253 2010-04-20 -0.4587409185 -4.597945e-01 -0.4585693456 -0.4584443997
## 3254 2010-04-21 -0.4572814063 -4.550964e-01 -0.4570036802 -0.4560138551
## 3255 2010-04-22 -0.4552772973 -4.528443e-01 -0.4544015835 -0.4520246998
## 3256 2010-04-23 -0.4570526685 -4.549994e-01 -0.4582165280 -0.4590656523
## 3257 2010-04-26 -0.4594271145 -4.564649e-01 -0.4576872926 -0.4552726925
## 3258 2010-04-27 -0.4568675081 -4.578549e-01 -0.4596609082 -0.4608204443
## 3259 2010-04-28 -0.4600915224 -4.618310e-01 -0.4623291577 -0.4637305613
## 3260 2010-04-29 -0.4628145011 -4.621543e-01 -0.4611163264 -0.4611365334
## 3261 2010-04-30 -0.4613876624 -4.632857e-01 -0.4642917530 -0.4661829088
## 3262 2010-05-03 -0.4659622633 -4.653977e-01 -0.4651738226 -0.4657578363
## 3263 2010-05-04 -0.4676831880 -4.693092e-01 -0.4736967838 -0.4741067206
## 3264 2010-05-05 -0.4759828214 -4.738349e-01 -0.4746119298 -0.4729078050
## 3265 2010-05-06 -0.4738044385 -4.730590e-01 -0.4822748863 -0.4753274393
## 3266 2010-05-07 -0.4760154961 -4.742982e-01 -0.4787907200 -0.4793928909
## 3267 2010-05-10 -0.4740985245 -4.731883e-01 -0.4727265219 -0.4725154294
## 3268 2010-05-11 -0.4738589013 -4.722509e-01 -0.4735975557 -0.4734200579
## 3269 2010-05-12 -0.4722686742 -4.711195e-01 -0.4722634393 -0.4697034020
## 3270 2010-05-13 -0.4695239237 -4.680377e-01 -0.4708080222 -0.4723192328
## 3271 2010-05-14 -0.4734123285 -4.744922e-01 -0.4754829713 -0.4755236358
## 3272 2010-05-17 -0.4757214100 -4.756236e-01 -0.4765414498 -0.4751094561
## 3273 2010-05-18 -0.4736519528 -4.742228e-01 -0.4768611999 -0.4779759834
## 3274 2010-05-19 -0.4786949060 -4.778002e-01 -0.4787466155 -0.4798179722
## 3275 2010-05-20 -0.4818208887 -4.809574e-01 -0.4842815860 -0.4851368383
## 3276 2010-05-21 -0.4869836529 -4.809898e-01 -0.4856708426 -0.4818561400

```

```

## 3277 2010-05-24 -0.4818971310 -4.814962e-01 -0.4822197527 -0.4825100972
## 3278 2010-05-25 -0.4862865715 -4.807527e-01 -0.4845903081 -0.4795236850
## 3279 2010-05-26 -0.4791959329 -4.801062e-01 -0.4804004899 -0.4813220754
## 3280 2010-05-27 -0.4792721763 -4.789640e-01 -0.4822748863 -0.4775182140
## 3281 2010-05-28 -0.4780849609 -4.781558e-01 -0.4785150742 -0.4788697278
## 3282 2010-06-01 -0.4792830704 -4.792657e-01 -0.4796066368 -0.4812893785
## 3283 2010-06-02 -0.4803178067 -4.794166e-01 -0.4811171698 -0.4779432865
## 3284 2010-06-03 -0.4778889065 -4.764856e-01 -0.4775889090 -0.4752729558
## 3285 2010-06-04 -0.4778017690 -4.775093e-01 -0.4805328031 -0.4818016478
## 3286 2010-06-07 -0.4783354793 -4.792226e-01 -0.4810951226 -0.4826299908
## 3287 2010-06-08 -0.4825179701 -4.841901e-01 -0.4875672785 -0.4860850826
## 3288 2010-06-09 -0.4843587059 -4.847612e-01 -0.4858472515 -0.4870987108
## 3289 2010-06-10 -0.4846963531 -4.825738e-01 -0.4838185034 -0.4813220754
## 3290 2010-06-11 -0.4831823780 -4.825414e-01 -0.4826166836 -0.4815182632
## 3291 2010-06-14 -0.4800781835 -4.802032e-01 -0.4790773937 -0.4806463141
## 3292 2010-06-15 -0.4812109437 -4.788886e-01 -0.4801799766 -0.4773656246
## 3293 2010-06-16 -0.4788256122 -4.777464e-01 -0.4770265885 -0.4773002221
## 3294 2010-06-17 -0.4773552048 -4.779403e-01 -0.4777653179 -0.4784010570
## 3295 2010-06-18 -0.4776383892 -4.782851e-01 -0.4773463386 -0.4784664496
## 3296 2010-06-21 -0.4773007420 -4.782851e-01 -0.4813817875 -0.4820414263
## 3297 2010-06-22 -0.4818099935 -4.807096e-01 -0.4812274270 -0.4823030155
## 3298 2010-06-23 -0.4823981580 -4.828755e-01 -0.4828923294 -0.4832403583
## 3299 2010-06-24 -0.4840319452 -4.854293e-01 -0.4864646957 -0.4866409415
## 3300 2010-06-25 -0.4867222503 -4.844487e-01 -0.4855495585 -0.4837308246
## 3301 2010-06-28 -0.4859489254 -4.863021e-01 -0.4861339263 -0.4872186045
## 3302 2010-06-29 -0.4887699269 -4.901381e-01 -0.4983615660 -0.4972350840
## 3303 2010-06-30 -0.4971349173 -4.942328e-01 -0.4960461430 -0.4965266270
## 3304 2010-07-01 -0.4967863760 -4.952996e-01 -0.4976007893 -0.4946737454
## 3305 2010-07-02 -0.4945862137 -4.957306e-01 -0.4955499841 -0.4966574221
## 3306 2010-07-06 -0.4948802910 -4.943944e-01 -0.4950648454 -0.4956546855
## 3307 2010-07-07 -0.4957625426 -4.932091e-01 -0.4941717555 -0.4919816117
## 3308 2010-07-08 -0.4901205298 -4.890606e-01 -0.4894747502 -0.4889406996
## 3309 2010-07-09 -0.4884540603 -4.891468e-01 -0.4888352499 -0.4878071690
## 3310 2010-07-12 -0.4870816845 -4.866684e-01 -0.4858913559 -0.4853548214
## 3311 2010-07-13 -0.4839448088 -4.810868e-01 -0.4826056556 -0.4808425019
## 3312 2010-07-14 -0.4813961040 -4.823044e-01 -0.4813156358 -0.4812239771
## 3313 2010-07-15 -0.4845547614 -4.836729e-01 -0.4837523429 -0.4825754986
## 3314 2010-07-16 -0.4833021891 -4.842763e-01 -0.4851305715 -0.4864665567
## 3315 2010-07-19 -0.4864608465 -4.855478e-01 -0.4862441824 -0.4848861506
## 3316 2010-07-20 -0.4840319452 -4.855801e-01 -0.4856818629 -0.4847117658
## 3317 2010-07-21 -0.4840210511 -4.849982e-01 -0.4859575086 -0.4876218827
## 3318 2010-07-22 -0.4861014111 -4.854077e-01 -0.4851195512 -0.4847444616
## 3319 2010-07-23 -0.5000212768 -4.871210e-01 -0.4985931073 -0.4860523770
## 3320 2010-07-26 -0.4865915440 -4.878537e-01 -0.4885816614 -0.4865646462
## 3321 2010-07-27 -0.4864063836 -4.879615e-01 -0.4883721673 -0.4879488656
## 3322 2010-07-28 -0.4879639274 -4.882848e-01 -0.4869057299 -0.4879488656
## 3323 2010-07-29 -0.4868856301 -4.875628e-01 -0.4878760084 -0.4882431430
## 3324 2010-07-30 -0.4895650400 -4.877029e-01 -0.4889896115 -0.4871205149
## 3325 2010-08-02 -0.4856221636 -4.859357e-01 -0.4856157102 -0.4847444616
## 3326 2010-08-03 -0.4846963531 -4.832526e-01 -0.4832892603 -0.4821831229

```

```

## 3327 2010-08-04 -0.4813634294 -4.772184e-01 -0.4796286852 -0.4765590682
## 3328 2010-08-05 -0.4773225302 -4.777248e-01 -0.4765194015 -0.4762865851
## 3329 2010-08-06 -0.4773769854 -4.772938e-01 -0.4764311926 -0.4757525129
## 3330 2010-08-09 -0.4754817857 -4.756452e-01 -0.4742811604 -0.4751966529
## 3331 2010-08-10 -0.4760372842 -4.755697e-01 -0.4747993755 -0.4739214343
## 3332 2010-08-11 -0.4758738957 -4.775955e-01 -0.4772030061 -0.4784010570
## 3333 2010-08-12 -0.4806009910 -4.788024e-01 -0.4790222613 -0.4776708034
## 3334 2010-08-13 -0.4780958550 -4.782851e-01 -0.4782394285 -0.4797089724
## 3335 2010-08-16 -0.4807643708 -4.784037e-01 -0.4795845807 -0.4782048681
## 3336 2010-08-17 -0.4767016921 -4.755913e-01 -0.4754498950 -0.4751639560
## 3337 2010-08-18 -0.4746213321 -4.746969e-01 -0.4738291048 -0.4743029172
## 3338 2010-08-19 -0.4746540067 -4.755482e-01 -0.4754168186 -0.4765699697
## 3339 2010-08-20 -0.4768541778 -4.776817e-01 -0.4762988882 -0.4763628804
## 3340 2010-08-23 -0.4761353071 -4.764102e-01 -0.4757696451 -0.4776272062
## 3341 2010-08-24 -0.4788038229 -4.804833e-01 -0.4794302202 -0.4798833648
## 3342 2010-08-25 -0.4805029681 -4.784037e-01 -0.4787135392 -0.4773547231
## 3343 2010-08-26 -0.4769086320 -4.781666e-01 -0.4776219843 -0.4795236850
## 3344 2010-08-27 -0.4787493688 -4.791903e-01 -0.4804556223 -0.4775836078
## 3345 2010-08-30 -0.4781285297 -4.788562e-01 -0.4788679008 -0.4806899125
## 3346 2010-08-31 -0.4815921596 -4.799877e-01 -0.4801799766 -0.4795563819
## 3347 2010-09-01 -0.4777690943 -4.727681e-01 -0.4761334997 -0.4712074976
## 3348 2010-09-02 -0.4714408952 -4.699557e-01 -0.4696503068 -0.4682428797
## 3349 2010-09-03 -0.4662999105 -4.653330e-01 -0.4646004751 -0.4643409375
## 3350 2010-09-07 -0.46555701533 -4.663028e-01 -0.4643138101 -0.4660521224
## 3351 2010-09-08 -0.4651671579 -4.651175e-01 -0.4647989488 -0.4639594547
## 3352 2010-09-09 -0.4624877404 -4.633180e-01 -0.4617006931 -0.4626079321
## 3353 2010-09-10 -0.4620956303 -4.619927e-01 -0.4608406807 -0.4603626750
## 3354 2010-09-13 -0.4584795071 -4.586092e-01 -0.4567390702 -0.4574961477
## 3355 2010-09-14 -0.4580111624 -4.575747e-01 -0.4566618817 -0.4567550014
## 3356 2010-09-15 -0.4575972642 -4.587385e-01 -0.4569595835 -0.4570819844
## 3357 2010-09-16 -0.4570308966 -4.559261e-01 -0.4551954443 -0.4541609572
## 3358 2010-09-17 -0.4532187265 -4.551179e-01 -0.4537179876 -0.4539538679
## 3359 2010-09-20 -0.4534365615 -4.519176e-01 -0.4527807856 -0.4507058742
## 3360 2010-09-21 -0.4511928293 -4.504522e-01 -0.4502999741 -0.4513271432
## 3361 2010-09-22 -0.4521948844 -4.511095e-01 -0.4508512655 -0.4501282112
## 3362 2010-09-23 -0.4507135829 -4.476398e-01 -0.4487894411 -0.4490164759
## 3363 2010-09-24 -0.4461063074 -4.422844e-01 -0.4438829506 -0.4404278207
## 3364 2010-09-27 -0.4408890716 -4.419503e-01 -0.4411705890 -0.4419101296
## 3365 2010-09-28 -0.4413029698 -4.422951e-01 -0.4444673184 -0.4415504498
## 3366 2010-09-29 -0.4421852116 -4.413253e-01 -0.4413139303 -0.4423242930
## 3367 2010-09-30 -0.4411178083 -4.422413e-01 -0.4436844769 -0.4444278699
## 3368 2010-10-01 -0.4443091317 -4.460019e-01 -0.4474332685 -0.4480791331
## 3369 2010-10-04 -0.4477183064 -4.475967e-01 -0.4467827491 -0.4462480556
## 3370 2010-10-05 -0.4443091317 -4.419395e-01 -0.4421298471 -0.4402752313
## 3371 2010-10-06 -0.4404751734 -4.425107e-01 -0.4447870597 -0.4462371618
## 3372 2010-10-07 -0.4449299784 -4.460450e-01 -0.4461211927 -0.4452889098
## 3373 2010-10-08 -0.4463786053 -4.472518e-01 -0.4467937683 -0.4460736621
## 3374 2010-10-11 -0.4466944642 -4.468747e-01 -0.4472789080 -0.4488202957
## 3375 2010-10-12 -0.4492867443 -4.465299e-01 -0.4483153382 -0.4450600327
## 3376 2010-10-13 -0.4447339164 -4.467023e-01 -0.4456139969 -0.4464878418

```

```

## 3377 2010-10-14 -0.4464003771 -4.465299e-01 -0.4451950264 -0.4460954651
## 3378 2010-10-15 -0.4428496195 -4.379850e-01 -0.4424165132 -0.4361661823
## 3379 2010-10-18 -0.4356827375 -4.376509e-01 -0.4368264103 -0.4373433103
## 3380 2010-10-19 -0.4403880523 -4.402262e-01 -0.4421408674 -0.4426730789
## 3381 2010-10-20 -0.4424575095 -4.433835e-01 -0.4426149704 -0.4426730789
## 3382 2010-10-21 -0.4382205558 -4.366380e-01 -0.4374107946 -0.4358065025
## 3383 2010-10-22 -0.4384601790 -4.322847e-01 -0.4363302513 -0.4312723800
## 3384 2010-10-25 -0.4285267420 -4.303236e-01 -0.4296596216 -0.4314140766
## 3385 2010-10-26 -0.4328835079 -4.313904e-01 -0.4305637473 -0.4303786443
## 3386 2010-10-27 -0.4314239946 -4.327373e-01 -0.4316222345 -0.4330380811
## 3387 2010-10-28 -0.4320775160 -4.340950e-01 -0.4332650720 -0.4337683347
## 3388 2010-10-29 -0.4348113811 -4.340842e-01 -0.4335296974 -0.4355231256
## 3389 2010-11-01 -0.4362817961 -4.383082e-01 -0.4371571884 -0.4384114395
## 3390 2010-11-02 -0.4370442269 -4.368428e-01 -0.4351284393 -0.4361988781
## 3391 2010-11-03 -0.4352470675 -4.339657e-01 -0.4363082118 -0.4319917396
## 3392 2010-11-04 -0.4303892660 -4.297417e-01 -0.4295714293 -0.4314903795
## 3393 2010-11-05 -0.4309447482 -4.306900e-01 -0.4293619363 -0.4294848922
## 3394 2010-11-08 -0.4293218638 -4.290198e-01 -0.4291524423 -0.4281551738
## 3395 2010-11-09 -0.4273286412 -4.290844e-01 -0.4288437202 -0.4300298583
## 3396 2010-11-10 -0.4295941617 -4.288366e-01 -0.4284578096 -0.4266946678
## 3397 2010-11-11 -0.4291475888 -4.302590e-01 -0.4284467904 -0.4299208749
## 3398 2010-11-12 -0.4301060827 -4.311102e-01 -0.4332650720 -0.4350326593
## 3399 2010-11-15 -0.4355084625 -4.374785e-01 -0.4404208404 -0.4424223989
## 3400 2010-11-16 -0.4425010706 -4.422628e-01 -0.4423944571 -0.4436431176
## 3401 2010-11-17 -0.4434813527 -4.423275e-01 -0.4415344436 -0.4430218485
## 3402 2010-11-18 -0.4403226877 -4.378557e-01 -0.4380172020 -0.4366784516
## 3403 2010-11-19 -0.4368263918 -4.378664e-01 -0.4357017879 -0.4359699858
## 3404 2010-11-22 -0.4355738119 -4.318214e-01 -0.4333202045 -0.4298990719
## 3405 2010-11-23 -0.4317507553 -4.337502e-01 -0.4337391915 -0.4322860257
## 3406 2010-11-24 -0.4285703184 -4.239661e-01 -0.4261203394 -0.4224221356
## 3407 2010-11-26 -0.4222203301 -4.234381e-01 -0.4210153752 -0.4224766355
## 3408 2010-11-29 -0.4193557522 -4.197098e-01 -0.4194607300 -0.4199806819
## 3409 2010-11-30 -0.42266669029 -4.241708e-01 -0.4224046406 -0.4244385168
## 3410 2010-12-01 -0.4202597822 -4.224252e-01 -0.4211917928 -0.4231850849
## 3411 2010-12-02 -0.4227649258 -4.244402e-01 -0.4234851674 -0.4232068879
## 3412 2010-12-03 -0.4242462272 -4.255716e-01 -0.4233418261 -0.4241333369
## 3413 2010-12-06 -0.4242244391 -4.233842e-01 -0.4227354022 -0.4215501865
## 3414 2010-12-07 -0.4188002700 -4.201085e-01 -0.4205633129 -0.4229452987
## 3415 2010-12-08 -0.4220787308 -4.236752e-01 -0.4220738624 -0.4234684782
## 3416 2010-12-09 -0.4217737583 -4.237290e-01 -0.4236174719 -0.4250379664
## 3417 2010-12-10 -0.4249215205 -4.260565e-01 -0.4241026105 -0.4241987306
## 3418 2010-12-13 -0.4233421962 -4.239122e-01 -0.4236946604 -0.4256919323
## 3419 2010-12-14 -0.4255750419 -4.262613e-01 -0.4244003134 -0.4260298092
## 3420 2010-12-15 -0.4261849870 -4.227700e-01 -0.4238490220 -0.4242532141
## 3421 2010-12-16 -0.4241590898 -4.235243e-01 -0.4222502801 -0.4215610967
## 3422 2010-12-17 -0.4210766758 -4.230394e-01 -0.4200671539 -0.4220624558
## 3423 2010-12-20 -0.4201399711 -4.174039e-01 -0.4189425315 -0.4158389524
## 3424 2010-12-21 -0.4151187974 -4.156044e-01 -0.4139147393 -0.4142476437
## 3425 2010-12-22 -0.4138989084 -4.158199e-01 -0.4122498446 -0.4142367499
## 3426 2010-12-23 -0.4146177791 -4.163263e-01 -0.4146975808 -0.4166019017

```

```

## 3427 2010-12-27 -0.4172754085 -4.183090e-01 -0.4162853024 -0.4170923680
## 3428 2010-12-28 -0.4170575571 -4.187077e-01 -0.4156237460 -0.4182368001
## 3429 2010-12-29 -0.4173843178 -4.170052e-01 -0.4163293980 -0.4157517557
## 3430 2010-12-30 -0.4150752374 -4.167897e-01 -0.4137493584 -0.4164275082
## 3431 2010-12-31 -0.4172100428 -4.192141e-01 -0.4173217325 -0.4194248219
## 3432 2011-01-03 -0.4178526788 -4.152272e-01 -0.4154473284 -0.4148253067
## 3433 2011-01-04 -0.4126463448 -4.133954e-01 -0.4126136992 -0.4139642668
## 3434 2011-01-05 -0.4148791742 -4.136648e-01 -0.4122939413 -0.4113375268
## 3435 2011-01-06 -0.4122651212 -4.137079e-01 -0.4109929013 -0.4130378178
## 3436 2011-01-07 -0.4107620316 -4.125872e-01 -0.4126577959 -0.4134410884
## 3437 2011-01-10 -0.4138553484 -4.159923e-01 -0.4140139838 -0.4143239466
## 3438 2011-01-11 -0.4134414502 -4.152272e-01 -0.4132421626 -0.4146945203
## 3439 2011-01-12 -0.4135067984 -4.158953e-01 -0.4131429346 -0.4149778962
## 3440 2011-01-13 -0.4154237699 -4.147423e-01 -0.4129114010 -0.4133974977
## 3441 2011-01-14 -0.4133543127 -4.120592e-01 -0.4113567558 -0.4098879147
## 3442 2011-01-18 -0.4099124633 -4.091930e-01 -0.4076851526 -0.4071630841
## 3443 2011-01-19 -0.4074726854 -4.098395e-01 -0.4099344140 -0.4119369928
## 3444 2011-01-20 -0.4135830505 -4.143113e-01 -0.4156788785 -0.4172885471
## 3445 2011-01-21 -0.4160772913 -4.181905e-01 -0.4202656276 -0.4222368493
## 3446 2011-01-24 -0.4215777114 -4.233196e-01 -0.4232315778 -0.4228581020
## 3447 2011-01-25 -0.4242462272 -4.251945e-01 -0.4230882365 -0.4230216016
## 3448 2011-01-26 -0.4220569579 -4.239661e-01 -0.4227023259 -0.4244494107
## 3449 2011-01-27 -0.4220896325 -4.163048e-01 -0.4197474115 -0.4145746267
## 3450 2011-01-28 -0.4286574559 -4.284702e-01 -0.4312253036 -0.4290816227
## 3451 2011-01-31 -0.4300625053 -4.309163e-01 -0.4306629753 -0.4307165211
## 3452 2011-02-01 -0.4296703963 -4.291275e-01 -0.4283475612 -0.4280243863
## 3453 2011-02-02 -0.4286901306 -4.268647e-01 -0.4268480485 -0.4264766846
## 3454 2011-02-03 -0.4264246102 -4.274358e-01 -0.4256572568 -0.4262804881
## 3455 2011-02-04 -0.4258800144 -4.247204e-01 -0.4236726043 -0.4238608538
## 3456 2011-02-07 -0.4235382593 -4.243325e-01 -0.4225479654 -0.4233158877
## 3457 2011-02-08 -0.4229827608 -4.183413e-01 -0.4205412734 -0.4160896314
## 3458 2011-02-09 -0.4159139191 -4.147208e-01 -0.4142896296 -0.4136481777
## 3459 2011-02-10 -0.4145633163 -4.138911e-01 -0.4128121564 -0.4126563350
## 3460 2011-02-11 -0.4132889634 -4.114558e-01 -0.4108605968 -0.4093429486
## 3461 2011-02-14 -0.4092698447 -4.094085e-01 -0.4075748877 -0.4080677301
## 3462 2011-02-15 -0.4098362286 -4.103890e-01 -0.4076851526 -0.4095827348
## 3463 2011-02-16 -0.4087034608 -4.109170e-01 -0.4097800535 -0.4122094759
## 3464 2011-02-17 -0.4130602266 -4.118976e-01 -0.4109267485 -0.4109669531
## 3465 2011-02-18 -0.4111323697 -4.125334e-01 -0.4111252057 -0.4123402623
## 3466 2011-02-22 -0.4153366488 -4.166065e-01 -0.4175312100 -0.4189670525
## 3467 2011-02-23 -0.4190725678 -4.204533e-01 -0.4229669524 -0.4230434046
## 3468 2011-02-24 -0.4227649258 -4.219619e-01 -0.4227795144 -0.4218771695
## 3469 2011-02-25 -0.4204885200 -4.208843e-01 -0.4199789451 -0.4224330295
## 3470 2011-02-28 -0.4259780373 -4.261212e-01 -0.4254367435 -0.4267382749
## 3471 2011-03-01 -0.4263919355 -4.282008e-01 -0.4292737275 -0.4309345043
## 3472 2011-03-02 -0.4312279488 -4.289120e-01 -0.4296265452 -0.4281224769
## 3473 2011-03-03 -0.4261958723 -4.276621e-01 -0.4255469919 -0.4272832410
## 3474 2011-03-04 -0.4273831041 -4.295047e-01 -0.4283475612 -0.4285039597
## 3475 2011-03-07 -0.4281455348 -4.302159e-01 -0.4319529962 -0.4313268799
## 3476 2011-03-08 -0.4309011881 -4.327804e-01 -0.4314237608 -0.4337138348

```

```

## 3477 2011-03-09 -0.4338637900 -4.327373e-01 -0.4345330522 -0.4313595768
## 3478 2011-03-10 -0.4334281036 -4.341166e-01 -0.4335186617 -0.4345312840
## 3479 2011-03-11 -0.4351381418 -4.333300e-01 -0.4342904829 -0.4324277060
## 3480 2011-03-14 -0.4339400247 -4.345368e-01 -0.4337943074 -0.4338882272
## 3481 2011-03-15 -0.4396147198 -4.358299e-01 -0.4379951614 -0.4356866089
## 3482 2011-03-16 -0.4360094982 -4.344722e-01 -0.4356687115 -0.4361007886
## 3483 2011-03-17 -0.4346915690 -4.364548e-01 -0.4379731053 -0.4401662315
## 3484 2011-03-18 -0.4398325548 -4.394289e-01 -0.4381825993 -0.4392397826
## 3485 2011-03-21 -0.4374581251 -4.370044e-01 -0.4369366752 -0.4362969688
## 3486 2011-03-22 -0.4366956780 -4.384591e-01 -0.4363523074 -0.4383896365
## 3487 2011-03-23 -0.4386235512 -4.364980e-01 -0.4379289931 -0.4354250197
## 3488 2011-03-24 -0.4321864253 -4.303128e-01 -0.4307181078 -0.4291252124
## 3489 2011-03-25 -0.4284505074 -4.287073e-01 -0.4274765119 -0.4292560151
## 3490 2011-03-28 -0.4282762324 -4.297741e-01 -0.4286342272 -0.4310325938
## 3491 2011-03-29 -0.4294416749 -4.272526e-01 -0.4277301016 -0.4252886629
## 3492 2011-03-30 -0.4217628718 -4.204425e-01 -0.4193615009 -0.4200569848
## 3493 2011-03-31 -0.4200964100 -4.200007e-01 -0.4184353357 -0.4192831253
## 3494 2011-04-01 -0.4176239410 -4.181905e-01 -0.4183361076 -0.4192831253
## 3495 2011-04-04 -0.4183754864 -4.178025e-01 -0.4160206770 -0.4162204189
## 3496 2011-04-05 -0.4170575571 -4.148393e-01 -0.4147968089 -0.4136590879
## 3497 2011-04-06 -0.4126463448 -4.127812e-01 -0.4155465740 -0.4164166144
## 3498 2011-04-07 -0.4163169145 -4.161216e-01 -0.4148409210 -0.4140732502
## 3499 2011-04-08 -0.4136157241 -4.149902e-01 -0.4137162821 -0.4142912334
## 3500 2011-04-11 -0.4140513941 -4.146992e-01 -0.4147416764 -0.4150215033
## 3501 2011-04-12 -0.4160119420 -4.167466e-01 -0.4174209616 -0.4189016588
## 3502 2011-04-13 -0.4184408346 -4.185891e-01 -0.4170019746 -0.4169288847
## 3503 2011-04-14 -0.4178308907 -4.194512e-01 -0.4174871133 -0.4174411376
## 3504 2011-04-15 -0.4182556742 -4.197745e-01 -0.4178619882 -0.4194139280
## 3505 2011-04-18 -0.4211093504 -4.228670e-01 -0.4218864256 -0.4212341138
## 3506 2011-04-19 -0.4211420251 -4.222636e-01 -0.4205302365 -0.4207109343
## 3507 2011-04-20 -0.4175803810 -4.163048e-01 -0.4150283590 -0.4152067896
## 3508 2011-04-21 -0.4143781548 -4.152595e-01 -0.4134185803 -0.4130051221
## 3509 2011-04-25 -0.4131909405 -4.148501e-01 -0.4126247195 -0.4135173913
## 3510 2011-04-26 -0.4125156309 -4.147746e-01 -0.4159655445 -0.4169179745
## 3511 2011-04-27 -0.4158594563 -4.025122e-01 -0.4137493584 -0.4012992432
## 3512 2011-04-28 -0.4019613624 -4.036005e-01 -0.4032527651 -0.4029995353
## 3513 2011-04-29 -0.4036822871 -4.038160e-01 -0.4015878704 -0.4021929952
## 3514 2011-05-02 -0.4012969556 -3.964564e-01 -0.3989416782 -0.3963291554
## 3515 2011-05-03 -0.3964718451 -3.973507e-01 -0.3983793510 -0.3993155752
## 3516 2011-05-04 -0.3994671216 -3.981374e-01 -0.3998347681 -0.3976588738
## 3517 2011-05-05 -0.3990205488 -3.990640e-01 -0.3990078309 -0.4007760800
## 3518 2011-05-06 -0.3985413024 -4.006157e-01 -0.3985226912 -0.4002420078
## 3519 2011-05-09 -0.3993690988 -3.975986e-01 -0.3982801218 -0.3967542279
## 3520 2011-05-10 -0.3954480030 -3.944414e-01 -0.3930097768 -0.3933318417
## 3521 2011-05-11 -0.3941627647 -3.942151e-01 -0.3922489924 -0.3928522682
## 3522 2011-05-12 -0.3929646475 -3.934716e-01 -0.3940462080 -0.3910102806
## 3523 2011-05-13 -0.3913526485 -3.932561e-01 -0.3921277072 -0.3948359526
## 3524 2011-05-16 -0.3969728808 -3.991718e-01 -0.4042450996 -0.4057897749
## 3525 2011-05-17 -0.4064706151 -4.044733e-01 -0.4038150923 -0.4032829275
## 3526 2011-05-18 -0.4039545850 -4.019950e-01 -0.4021722383 -0.4007978841

```

```

## 3527 2011-05-19 -0.3993799841 -4.001955e-01 -0.3974311286 -0.3989340924
## 3528 2011-05-20 -0.3997938823 -4.003571e-01 -0.3977729271 -0.3990975920
## 3529 2011-05-23 -0.4023970488 -4.030617e-01 -0.4035284108 -0.4017461197
## 3530 2011-05-24 -0.4008286109 -4.033742e-01 -0.4024478840 -0.4049614166
## 3531 2011-05-25 -0.4045645300 -4.062297e-01 -0.4044986892 -0.4060622580
## 3532 2011-05-26 -0.4071023483 -4.039669e-01 -0.4047853542 -0.4030758382
## 3533 2011-05-27 -0.4032684053 -4.043225e-01 -0.4018965925 -0.4040240738
## 3534 2011-05-31 -0.4019831517 -4.018226e-01 -0.4002096419 -0.4012338505
## 3535 2011-06-01 -0.4018524531 -4.030941e-01 -0.4034953344 -0.4059096686
## 3536 2011-06-02 -0.4059695957 -4.061327e-01 -0.4051381884 -0.4045472533
## 3537 2011-06-03 -0.4071132500 -4.074581e-01 -0.4083797854 -0.4103565780
## 3538 2011-06-06 -0.4106204476 -4.110787e-01 -0.4110700898 -0.4132231052
## 3539 2011-06-07 -0.4131146895 -4.102382e-01 -0.4106951995 -0.4111958302
## 3540 2011-06-08 -0.4112303926 -4.111218e-01 -0.4098131299 -0.4106508640
## 3541 2011-06-09 -0.4087361355 -4.090206e-01 -0.4104857054 -0.4088742854
## 3542 2011-06-10 -0.4092698447 -4.100873e-01 -0.4098572420 -0.4123075654
## 3543 2011-06-13 -0.4119274741 -4.116605e-01 -0.4114229075 -0.4125691557
## 3544 2011-06-14 -0.4095530291 -4.101412e-01 -0.4089861927 -0.4085690891
## 3545 2011-06-15 -0.4105877740 -4.082771e-01 -0.4109377688 -0.4129070314
## 3546 2011-06-16 -0.4130929013 -4.141497e-01 -0.4150283590 -0.4154465757
## 3547 2011-06-17 -0.4122542348 -4.137294e-01 -0.4116654779 -0.4124819589
## 3548 2011-06-20 -0.4128532770 -4.121562e-01 -0.4106400670 -0.4110105439
## 3549 2011-06-21 -0.4103045733 -4.055293e-01 -0.4089310768 -0.4039150904
## 3550 2011-06-22 -0.4041397453 -4.053138e-01 -0.4043002155 -0.4067489044
## 3551 2011-06-23 -0.4089975469 -4.061112e-01 -0.4076300202 -0.4039913769
## 3552 2011-06-24 -0.4042268828 -4.056155e-01 -0.4042671391 -0.4057461689
## 3553 2011-06-27 -0.4035515896 -3.973615e-01 -0.4013122247 -0.3962637616
## 3554 2011-06-28 -0.3954697912 -3.970383e-01 -0.3940682475 -0.3950648296
## 3555 2011-06-29 -0.3946528976 -3.934069e-01 -0.3935941446 -0.3930702678
## 3556 2011-06-30 -0.3967114683 -3.945384e-01 -0.3941785124 -0.3927323757
## 3557 2011-07-01 -0.3915160207 -3.890752e-01 -0.3907494786 -0.3872827145
## 3558 2011-07-05 -0.3880197249 -3.845711e-01 -0.3851042598 -0.3832499684
## 3559 2011-07-06 -0.3843600416 -3.846249e-01 -0.3825903719 -0.3821600362
## 3560 2011-07-07 -0.3811251419 -3.809613e-01 -0.3780918327 -0.3793807057
## 3561 2011-07-08 -0.3819855955 -3.804010e-01 -0.3801205808 -0.3777022165
## 3562 2011-07-11 -0.3793279662 -3.812846e-01 -0.3826013923 -0.3839475240
## 3563 2011-07-12 -0.3816152747 -3.832780e-01 -0.3824690878 -0.3853862422
## 3564 2011-07-13 -0.3815499254 -3.820065e-01 -0.3813444489 -0.3829120916
## 3565 2011-07-14 -0.3827698144 -3.829978e-01 -0.3843875710 -0.3863126748
## 3566 2011-07-15 -0.3833144102 -3.844849e-01 -0.3844868167 -0.3835987544
## 3567 2011-07-18 -0.3839134687 -3.857133e-01 -0.3855893996 -0.3850592592
## 3568 2011-07-19 -0.3825628659 -3.803148e-01 -0.3795472333 -0.3779420027
## 3569 2011-07-20 -0.3757227446 -3.783752e-01 -0.3788415802 -0.3806777272
## 3570 2011-07-21 -0.3793279662 -3.817264e-01 -0.3825242037 -0.3832281643
## 3571 2011-07-22 -0.3824648419 -3.807997e-01 -0.3824801070 -0.3796204918
## 3572 2011-07-25 -0.3806894555 -3.828147e-01 -0.3803962265 -0.3829229855
## 3573 2011-07-26 -0.3812340512 -3.833319e-01 -0.3833180645 -0.3821709453
## 3574 2011-07-27 -0.3709956581 -3.708324e-01 -0.3730971334 -0.3730808983
## 3575 2011-07-28 -0.3722155470 -3.721793e-01 -0.3724245567 -0.3715768027
## 3576 2011-07-29 -0.3743721581 -3.723948e-01 -0.3732184175 -0.3730808983

```

```

## 3577 2011-08-01 -0.3703312502 -3.705630e-01 -0.3752581859 -0.3743888138
## 3578 2011-08-02 -0.3754286586 -3.759723e-01 -0.3822706141 -0.3848739729
## 3579 2011-08-03 -0.3834342223 -3.841616e-01 -0.3886215025 -0.3867704441
## 3580 2011-08-04 -0.3902307824 -3.915212e-01 -0.3931310620 -0.3960130816
## 3581 2011-08-05 -0.3924745147 -3.922540e-01 -0.4004191359 -0.3946833631
## 3582 2011-08-08 -0.4014821324 -3.997213e-01 -0.4057005002 -0.4044927534
## 3583 2011-08-09 -0.4011553716 -3.946569e-01 -0.4052484368 -0.3920784262
## 3584 2011-08-10 -0.3967332565 -3.975555e-01 -0.4017863276 -0.4040240738
## 3585 2011-08-11 -0.4008177245 -3.992257e-01 -0.4042561188 -0.3994136647
## 3586 2011-08-12 -0.3972560641 -3.952280e-01 -0.3978060024 -0.3951193295
## 3587 2011-08-15 -0.3953173044 -3.944522e-01 -0.3965821354 -0.3944108801
## 3588 2011-08-16 -0.3963193594 -3.986438e-01 -0.4005183640 -0.4001548274
## 3589 2011-08-17 -0.3991621491 -4.005726e-01 -0.4016319671 -0.4020622088
## 3590 2011-08-18 -0.4071350219 -4.094731e-01 -0.4170901834 -0.4166781883
## 3591 2011-08-19 -0.4190290078 -4.109170e-01 -0.4194827861 -0.4205910570
## 3592 2011-08-22 -0.4162624517 -4.171668e-01 -0.4199789451 -0.4221060629
## 3593 2011-08-23 -0.4205211946 -4.057017e-01 -0.4184132796 -0.4046562367
## 3594 2011-08-24 -0.4042159975 -4.041177e-01 -0.4055681957 -0.4044600565
## 3595 2011-08-25 -0.4036496125 -4.033850e-01 -0.4045758612 -0.4063129380
## 3596 2011-08-26 -0.4071023483 -4.004433e-01 -0.4061966591 -0.3984218231
## 3597 2011-08-29 -0.3944895090 -3.929544e-01 -0.3919182142 -0.3905089204
## 3598 2011-08-30 -0.3912655110 -3.866830e-01 -0.3899666381 -0.3857241190
## 3599 2011-08-31 -0.3841966531 -3.827177e-01 -0.3822154816 -0.3810265132
## 3600 2011-09-01 -0.3809181922 -3.811337e-01 -0.3819177964 -0.3839584342
## 3601 2011-09-02 -0.3878236628 -3.886226e-01 -0.3870117238 -0.3867268545
## 3602 2011-09-06 -0.3923655890 -3.822543e-01 -0.3898012573 -0.3799910808
## 3603 2011-09-07 -0.3770842339 -3.783860e-01 -0.3790510743 -0.3759365317
## 3604 2011-09-08 -0.3776288297 -3.779011e-01 -0.3767136041 -0.3788139518
## 3605 2011-09-09 -0.3811687019 -3.818664e-01 -0.3839796208 -0.3852118497
## 3606 2011-09-12 -0.3880306113 -3.821897e-01 -0.3851924686 -0.3795769011
## 3607 2011-09-13 -0.3781843282 -3.786446e-01 -0.3781800404 -0.3763398012
## 3608 2011-09-14 -0.3755375842 -3.732137e-01 -0.3762946171 -0.3730263985
## 3609 2011-09-15 -0.3714313281 -3.708324e-01 -0.3712999178 -0.3684377924
## 3610 2011-09-16 -0.3675320205 -3.565657e-01 -0.3652467323 -0.3547918363
## 3611 2011-09-19 -0.3571411406 -3.527296e-01 -0.3584768735 -0.3521868993
## 3612 2011-09-20 -0.3531220219 -3.559084e-01 -0.3605166584 -0.3613859297
## 3613 2011-09-21 -0.3599730449 -3.564795e-01 -0.3596566449 -0.3628900416
## 3614 2011-09-22 -0.3706362227 -3.691191e-01 -0.3737807293 -0.3723070552
## 3615 2011-09-23 -0.3752217253 -3.737525e-01 -0.3737145765 -0.3718928755
## 3616 2011-09-26 -0.3676300597 -3.675566e-01 -0.3711345370 -0.3650916928
## 3617 2011-09-27 -0.3602889039 -3.626969e-01 -0.3700319541 -0.3712389096
## 3618 2011-09-28 -0.3688608352 -3.615547e-01 -0.3665036757 -0.3652442822
## 3619 2011-09-29 -0.3603433667 -3.631818e-01 -0.3767687366 -0.3731680951
## 3620 2011-09-30 -0.3777486418 -3.753581e-01 -0.3779595106 -0.3799365809
## 3621 2011-10-03 -0.3790338954 -3.768666e-01 -0.3821713860 -0.3845687930
## 3622 2011-10-04 -0.3870830202 -3.839784e-01 -0.3942557010 -0.3840020238
## 3623 2011-10-05 -0.3839134687 -3.784075e-01 -0.3853799055 -0.3763724981
## 3624 2011-10-06 -0.3754722349 -3.746900e-01 -0.3753794711 -0.3741817397
## 3625 2011-10-07 -0.3730760170 -3.700781e-01 -0.3744312488 -0.3706612477
## 3626 2011-10-10 -0.3689915490 -3.647981e-01 -0.3681575500 -0.3634894913

```

```

## 3627 2011-10-11 -0.3642317715 -3.605418e-01 -0.3627549005 -0.3589553851
## 3628 2011-10-12 -0.3576530627 -3.550571e-01 -0.3568781316 -0.3575057731
## 3629 2011-10-13 -0.3572609527 -3.573846e-01 -0.3558858136 -0.3582251327
## 3630 2011-10-14 -0.3530457872 -3.498095e-01 -0.3504280317 -0.3467154340
## 3631 2011-10-17 -0.3493207546 -3.498095e-01 -0.3498877606 -0.3514893427
## 3632 2011-10-18 -0.3514773483 -3.520723e-01 -0.3543532245 -0.3497999444
## 3633 2011-10-19 -0.3532636222 -3.534516e-01 -0.3624792548 -0.3632606142
## 3634 2011-10-20 -0.3625653096 -3.627077e-01 -0.3618728309 -0.3609935530
## 3635 2011-10-21 -0.3573589756 -3.602724e-01 -0.3609907613 -0.3597183344
## 3636 2011-10-24 -0.3583283560 -3.565333e-01 -0.3572419862 -0.3566338240
## 3637 2011-10-25 -0.3555291426 -3.581066e-01 -0.3661839344 -0.3680345229
## 3638 2011-10-26 -0.3935419179 -3.919738e-01 -0.3985778236 -0.3993700751
## 3639 2011-10-27 -0.3929210864 -3.908747e-01 -0.3935169561 -0.3902364374
## 3640 2011-10-28 -0.3904486175 -3.803148e-01 -0.3883899523 -0.3787485428
## 3641 2011-10-31 -0.3803627111 -3.797868e-01 -0.3803521309 -0.3829011977
## 3642 2011-11-01 -0.3887276928 -3.826746e-01 -0.3865376208 -0.3844379902
## 3643 2011-11-02 -0.3806241062 -3.820496e-01 -0.3807049486 -0.3806014407
## 3644 2011-11-03 -0.3798072126 -3.802070e-01 -0.3803741704 -0.3776913237
## 3645 2011-11-04 -0.3783368139 -3.804979e-01 -0.3789297891 -0.3796640978
## 3646 2011-11-07 -0.3792190568 -3.783752e-01 -0.3792936436 -0.3790973287
## 3647 2011-11-08 -0.3766485639 -3.792911e-01 -0.3779595106 -0.3780182903
## 3648 2011-11-09 -0.3812776276 -3.832241e-01 -0.3830424188 -0.3853971360
## 3649 2011-11-10 -0.3828569519 -3.849913e-01 -0.3857988760 -0.3858658156
## 3650 2011-11-11 -0.3839243552 -3.808751e-01 -0.3833621766 -0.3786722562
## 3651 2011-11-14 -0.3805151968 -3.760585e-01 -0.3790179979 -0.3769937671
## 3652 2011-11-15 -0.3779555904 -3.782351e-01 -0.3790069776 -0.3781926828
## 3653 2011-11-16 -0.3798398872 -3.818557e-01 -0.3823478026 -0.3845578838
## 3654 2011-11-17 -0.3839352569 -3.862413e-01 -0.3924143732 -0.3926996788
## 3655 2011-11-18 -0.3917556439 -3.943875e-01 -0.3979162673 -0.4007433843
## 3656 2011-11-21 -0.4048695189 -4.072965e-01 -0.4112134145 -0.4093429486
## 3657 2011-11-22 -0.4117749883 -4.065638e-01 -0.4128342125 -0.4059750623
## 3658 2011-11-23 -0.4051200275 -4.059603e-01 -0.4080820836 -0.4096263255
## 3659 2011-11-25 -0.4080063783 -4.100227e-01 -0.4151165667 -0.4168089911
## 3660 2011-11-28 -0.4066557918 -4.059388e-01 -0.4051602456 -0.4040022871
## 3661 2011-11-29 -0.4032466171 -4.049905e-01 -0.4087326031 -0.4102802914
## 3662 2011-11-30 -0.4032684053 -4.052060e-01 -0.4071338612 -0.4060295622
## 3663 2011-12-01 -0.4064379404 -4.022212e-01 -0.4040025302 -0.4007542770
## 3664 2011-12-02 -0.4007523599 -4.005079e-01 -0.4000442610 -0.4019532091
## 3665 2011-12-05 -0.3988027137 -4.012191e-01 -0.4017091557 -0.4017243167
## 3666 2011-12-06 -0.4019395906 -4.019519e-01 -0.4056343474 -0.4063565288
## 3667 2011-12-07 -0.4073310850 -4.036867e-01 -0.4067259110 -0.4027270522
## 3668 2011-12-08 -0.4045645300 -4.045703e-01 -0.4056674238 -0.4080023363
## 3669 2011-12-09 -0.4071350219 -4.066607e-01 -0.4075197718 -0.4052230058
## 3670 2011-12-12 -0.4084202765 -4.096779e-01 -0.4083687485 -0.4090486625
## 3671 2011-12-13 -0.4100213890 -4.112619e-01 -0.4184353357 -0.4188689619
## 3672 2011-12-14 -0.4204340572 -4.208843e-01 -0.4275316444 -0.4191959285
## 3673 2011-12-15 -0.4171120199 -4.165203e-01 -0.4172996764 -0.4180515127
## 3674 2011-12-16 -0.4167090246 -4.169405e-01 -0.4164396629 -0.4180515127
## 3675 2011-12-19 -0.4171664828 -4.182767e-01 -0.4178840442 -0.4201550743
## 3676 2011-12-20 -0.4164149385 -4.182767e-01 -0.4161860743 -0.4166781883

```

```

## 3677 2011-12-21 -0.4172536203 -4.179211e-01 -0.4250618532 -0.4255829326
## 3678 2011-12-22 -0.4246928001 -4.220481e-01 -0.4231654085 -0.4204820573
## 3679 2011-12-23 -0.4201944339 -4.220373e-01 -0.4216328194 -0.4223894387
## 3680 2011-12-27 -0.4218173347 -4.232118e-01 -0.4210153752 -0.4234902648
## 3681 2011-12-28 -0.4232768479 -4.253023e-01 -0.4252934022 -0.4260843090
## 3682 2011-12-29 -0.4306506785 -4.275651e-01 -0.4311481151 -0.4261170048
## 3683 2011-12-30 -0.4265770959 -4.268970e-01 -0.4250618532 -0.4269453479
## 3684 2012-01-03 -0.4238214437 -4.222528e-01 -0.4216879518 -0.4204820573
## 3685 2012-01-04 -0.4202053193 -4.211537e-01 -0.4211146043 -0.4221387587
## 3686 2012-01-05 -0.4237669808 -4.235782e-01 -0.4233418261 -0.4220297589
## 3687 2012-01-06 -0.4214469976 -4.166819e-01 -0.4195379185 -0.4165800976
## 3688 2012-01-09 -0.4163387027 -4.169836e-01 -0.4200892100 -0.4209943265
## 3689 2012-01-10 -0.4181467486 -4.191064e-01 -0.4199789451 -0.4201441816
## 3690 2012-01-11 -0.4197369757 -4.208628e-01 -0.4187771341 -0.4206237539
## 3691 2012-01-12 -0.4199765989 -4.222420e-01 -0.4214674386 -0.4238608538
## 3692 2012-01-13 -0.4239085801 -4.229855e-01 -0.4239482500 -0.4211469170
## 3693 2012-01-17 -0.4191814935 -4.181366e-01 -0.4184243153 -0.4176155300
## 3694 2012-01-18 -0.4172318321 -4.106476e-01 -0.4155465740 -0.4091358593
## 3695 2012-01-19 -0.4074944572 -4.045164e-01 -0.4053587017 -0.4036753042
## 3696 2012-01-20 -0.4076796176 -4.077922e-01 -0.4068141199 -0.4075118701
## 3697 2012-01-23 -0.4075924975 -4.090529e-01 -0.4110149573 -0.4127871389
## 3698 2012-01-24 -0.4138989084 -4.126303e-01 -0.4125695870 -0.4117952962
## 3699 2012-01-25 -0.4117314120 -4.128889e-01 -0.4116985532 -0.4109233471
## 3700 2012-01-26 -0.4092153819 -4.056909e-01 -0.4071559173 -0.4049069167
## 3701 2012-01-27 -0.4050873539 -4.039130e-01 -0.4031866123 -0.4026725687
## 3702 2012-01-30 -0.4044447342 -4.055293e-01 -0.4056122913 -0.4061821516
## 3703 2012-01-31 -0.4040961853 -4.048505e-01 -0.4060864108 -0.4036861981
## 3704 2012-02-01 -0.4260869630 -4.217464e-01 -0.4256021243 -0.4200133777
## 3705 2012-02-02 -0.4197260892 -4.196020e-01 -0.4203097232 -0.4175501374
## 3706 2012-02-03 -0.4162624517 -4.131799e-01 -0.4146975808 -0.4110541499
## 3707 2012-02-06 -0.4125047444 -4.146238e-01 -0.4135619216 -0.4160024357
## 3708 2012-02-07 -0.4164585149 -4.163694e-01 -0.4145101428 -0.4148580036
## 3709 2012-02-08 -0.4139533713 -4.146992e-01 -0.4135729408 -0.4134519975
## 3710 2012-02-09 -0.4144435041 -4.155613e-01 -0.4148409210 -0.4139969637
## 3711 2012-02-10 -0.4156198331 -4.134708e-01 -0.4140029481 -0.4133866049
## 3712 2012-02-13 -0.4115353651 -4.082232e-01 -0.4105187983 -0.4067925115
## 3713 2012-02-14 -0.4072766222 -4.070702e-01 -0.4100556992 -0.4071085842
## 3714 2012-02-15 -0.4070479018 -4.092576e-01 -0.4131870467 -0.4145528237
## 3715 2012-02-16 -0.4217519864 -4.198822e-01 -0.4221400152 -0.4195011248
## 3716 2012-02-17 -0.4192468428 -4.180180e-01 -0.4174871133 -0.4166999913
## 3717 2012-02-21 -0.4164585149 -4.165741e-01 -0.4161419611 -0.4169615805
## 3718 2012-02-22 -0.4172209456 -4.184706e-01 -0.4164617200 -0.4187926590
## 3719 2012-02-23 -0.4197369757 -4.208843e-01 -0.4201333056 -0.4206346478
## 3720 2012-02-24 -0.4196716264 -4.208951e-01 -0.4185786769 -0.4203730575
## 3721 2012-02-27 -0.4220242843 -4.225653e-01 -0.4206405014 -0.4210270234
## 3722 2012-02-28 -0.4205429828 -4.170698e-01 -0.4190417595 -0.4152830761
## 3723 2012-02-29 -0.4151079120 -4.173823e-01 -0.4178730239 -0.4197626987
## 3724 2012-03-01 -0.4194646778 -4.211645e-01 -0.4205522926 -0.4193812322
## 3725 2012-03-02 -0.4199112496 -4.197098e-01 -0.4179722531 -0.4201877712
## 3726 2012-03-05 -0.4204340572 -4.197313e-01 -0.4187881699 -0.4191414450

```

```

## 3727 2012-03-06 -0.4207826060 -4.179211e-01 -0.4189425315 -0.4182368001
## 3728 2012-03-07 -0.4164585149 -4.157660e-01 -0.4141352691 -0.4153157730
## 3729 2012-03-08 -0.4148029395 -4.126627e-01 -0.4125916431 -0.4110977406
## 3730 2012-03-09 -0.4119492633 -4.139342e-01 -0.4129885741 -0.4147163070
## 3731 2012-03-12 -0.4148464995 -4.158737e-01 -0.4143557823 -0.4157299527
## 3732 2012-03-13 -0.4150752374 -4.164448e-01 -0.4159324681 -0.4144220372
## 3733 2012-03-14 -0.4153693234 -4.170375e-01 -0.4155245180 -0.4169615805
## 3734 2012-03-15 -0.4171446946 -4.169190e-01 -0.4164506832 -0.4145964297
## 3735 2012-03-16 -0.4157723188 -4.155720e-01 -0.4141903850 -0.4139206608
## 3736 2012-03-19 -0.4155871584 -4.144945e-01 -0.4134737127 -0.4134083915
## 3737 2012-03-20 -0.4140296059 -4.061651e-01 -0.4136060172 -0.4059859551
## 3738 2012-03-21 -0.4057299725 -4.063051e-01 -0.4043663837 -0.4066399210
## 3739 2012-03-22 -0.4078647954 -4.065422e-01 -0.4054689666 -0.4059096686
## 3740 2012-03-23 -0.4062636818 -4.042363e-01 -0.4037709801 -0.4030322485
## 3741 2012-03-26 -0.4013949949 -3.969413e-01 -0.3996914268 -0.3944980768
## 3742 2012-03-27 -0.3936508436 -3.895278e-01 -0.3915543597 -0.3916969433
## 3743 2012-03-28 -0.3908734021 -3.925988e-01 -0.3943880054 -0.3963618512
## 3744 2012-03-29 -0.3961668726 -3.944198e-01 -0.3940351711 -0.3926015882
## 3745 2012-03-30 -0.3920932911 -3.927604e-01 -0.3926679794 -0.3948904524
## 3746 2012-04-02 -0.3997176313 -4.002493e-01 -0.3980375525 -0.3997515416
## 3747 2012-04-03 -0.3994780081 -3.975663e-01 -0.3974862611 -0.3979967495
## 3748 2012-04-04 -0.4008830738 -4.026415e-01 -0.4031535359 -0.4041766643
## 3749 2012-04-05 -0.4045863182 -4.044194e-01 -0.4018414601 -0.4037406979
## 3750 2012-04-09 -0.4062527800 -4.063913e-01 -0.4052043412 -0.4064873316
## 3751 2012-04-10 -0.4054576746 -4.071241e-01 -0.4095374841 -0.4118170992
## 3752 2012-04-11 -0.4088559465 -4.087943e-01 -0.4092949314 -0.4107380608
## 3753 2012-04-12 -0.4105659847 -4.084818e-01 -0.4105959703 -0.4077734440
## 3754 2012-04-13 -0.4085618768 -4.109817e-01 -0.4098792981 -0.4102039875
## 3755 2012-04-16 -0.4095312561 -4.114881e-01 -0.4127570405 -0.4134301945
## 3756 2012-04-17 -0.4114917877 -4.108739e-01 -0.4092067225 -0.4102802914
## 3757 2012-04-18 -0.4097381894 -4.071995e-01 -0.4071448815 -0.4073592643
## 3758 2012-04-19 -0.4052616278 -4.060142e-01 -0.4060312783 -0.4073265674
## 3759 2012-04-20 -0.4059042475 -4.071672e-01 -0.4059761459 -0.4085473024
## 3760 2012-04-23 -0.4095530291 -4.120053e-01 -0.4107062352 -0.4104437747
## 3761 2012-04-24 -0.4098906915 -4.101628e-01 -0.4096036524 -0.4081658196
## 3762 2012-04-25 -0.4066340036 -4.057448e-01 -0.4039914934 -0.4037080011
## 3763 2012-04-26 -0.4045645300 -4.040638e-01 -0.4024258279 -0.4019967998
## 3764 2012-04-27 -0.3705164105 -3.692268e-01 -0.3724355771 -0.3683614895
## 3765 2012-04-30 -0.3714749045 -3.636775e-01 -0.3693152653 -0.3628573448
## 3766 2012-05-01 -0.3655388143 -3.646149e-01 -0.3634164569 -0.3648846198
## 3767 2012-05-02 -0.3672597226 -3.662636e-01 -0.3645190397 -0.3646557264
## 3768 2012-05-03 -0.3651684772 -3.650891e-01 -0.3638244070 -0.3655276755
## 3769 2012-05-04 -0.3672815108 -3.681170e-01 -0.3685544809 -0.3714786969
## 3770 2012-05-07 -0.3732067145 -3.711880e-01 -0.3701532393 -0.3702034772
## 3771 2012-05-08 -0.3723462609 -3.727827e-01 -0.3746627989 -0.3715768027
## 3772 2012-05-09 -0.3751345889 -3.723625e-01 -0.3725017287 -0.3725795382
## 3773 2012-05-10 -0.3715184645 -3.688066e-01 -0.3705281131 -0.3685358831
## 3774 2012-05-11 -0.3692965216 -3.670825e-01 -0.3663603509 -0.3674568599
## 3775 2012-05-14 -0.3696777288 -3.707354e-01 -0.3699106689 -0.3726340381
## 3776 2012-05-15 -0.3686974630 -3.671579e-01 -0.3693703978 -0.3710427305

```

```

## 3777 2012-05-16 -0.3703312502 -3.699703e-01 -0.3699216892 -0.3714024092
## 3778 2012-05-17 -0.3702767873 -3.721254e-01 -0.3747840841 -0.3776150198
## 3779 2012-05-18 -0.3764198261 -3.789894e-01 -0.3806057195 -0.3825306088
## 3780 2012-05-21 -0.3822796815 -3.786122e-01 -0.3805946837 -0.3778875028
## 3781 2012-05-22 -0.3776179432 -3.798083e-01 -0.3793377392 -0.3809175134
## 3782 2012-05-23 -0.3815390226 -3.812307e-01 -0.3824029351 -0.3787921488
## 3783 2012-05-24 -0.3790665700 -3.811121e-01 -0.3807270047 -0.3810156040
## 3784 2012-05-25 -0.3812340512 -3.829224e-01 -0.3812562400 -0.3835769513
## 3785 2012-05-29 -0.3819855955 -3.823082e-01 -0.3811790681 -0.3815496763
## 3786 2012-05-30 -0.3843382534 -3.861551e-01 -0.3861847866 -0.3875661066
## 3787 2012-05-31 -0.3872355059 -3.852823e-01 -0.3868904385 -0.3835551473
## 3788 2012-06-01 -0.3883682585 -3.880408e-01 -0.3866809456 -0.3886669328
## 3789 2012-06-04 -0.3895010263 -3.836013e-01 -0.3877063565 -0.3817458565
## 3790 2012-06-05 -0.3824757284 -3.819742e-01 -0.3824249746 -0.3832281643
## 3791 2012-06-06 -0.3816261601 -3.803148e-01 -0.3787202961 -0.3783997732
## 3792 2012-06-07 -0.3761584310 -3.769851e-01 -0.3747620269 -0.3771354474
## 3793 2012-06-08 -0.3772911825 -3.792157e-01 -0.3763607688 -0.3774842333
## 3794 2012-06-11 -0.3785110726 -3.776532e-01 -0.3779705475 -0.3796422948
## 3795 2012-06-12 -0.3783368139 -3.807458e-01 -0.3787202961 -0.3797294916
## 3796 2012-06-13 -0.3806567808 -3.814139e-01 -0.3798228790 -0.3815714793
## 3797 2012-06-14 -0.3809399804 -3.823621e-01 -0.3808813652 -0.3818766592
## 3798 2012-06-15 -0.3809073068 -3.793126e-01 -0.3787864478 -0.3776259136
## 3799 2012-06-18 -0.3787398093 -3.745391e-01 -0.3762835968 -0.3729283078
## 3800 2012-06-19 -0.3722264488 -3.729875e-01 -0.3708478544 -0.3714351061
## 3801 2012-06-20 -0.3708649594 -3.734831e-01 -0.3717519812 -0.3725359322
## 3802 2012-06-21 -0.3715947166 -3.720931e-01 -0.3721047989 -0.3752062630
## 3803 2012-06-22 -0.3737839849 -3.758861e-01 -0.3733948186 -0.3734732740
## 3804 2012-06-25 -0.3754504468 -3.768774e-01 -0.3748833121 -0.3757512291
## 3805 2012-06-26 -0.3741978831 -3.717052e-01 -0.3710794045 -0.3697130110
## 3806 2012-06-27 -0.3703203637 -3.705091e-01 -0.3690396196 -0.3697021182
## 3807 2012-06-28 -0.3715075791 -3.736124e-01 -0.3740563750 -0.3743997229
## 3808 2012-06-29 -0.3706580109 -3.695932e-01 -0.3685875562 -0.3667265912
## 3809 2012-07-02 -0.3656477236 -3.685264e-01 -0.3656877754 -0.3656693558
## 3810 2012-07-03 -0.3658219986 -3.683217e-01 -0.3643095468 -0.3654404787
## 3811 2012-07-05 -0.3663883826 -3.672765e-01 -0.3654782813 -0.3681326125
## 3812 2012-07-06 -0.3688608352 -3.690005e-01 -0.3680693577 -0.3703233708
## 3813 2012-07-09 -0.3703312502 -3.721254e-01 -0.3688742388 -0.3703233708
## 3814 2012-07-10 -0.3689697609 -3.708970e-01 -0.3745745900 -0.3763724981
## 3815 2012-07-11 -0.3769208618 -3.767158e-01 -0.3778161870 -0.3776041270
## 3816 2012-07-12 -0.3794695654 -3.815001e-01 -0.3808262327 -0.3808848165
## 3817 2012-07-13 -0.3805369687 -3.793342e-01 -0.3794259481 -0.3775823240
## 3818 2012-07-16 -0.3794804519 -3.804117e-01 -0.3787864478 -0.3801763671
## 3819 2012-07-17 -0.3785546489 -3.808104e-01 -0.3793377392 -0.3791736316
## 3820 2012-07-18 -0.3799706011 -3.800238e-01 -0.3774082192 -0.3785850595
## 3821 2012-07-19 -0.3749821021 -3.705091e-01 -0.3719173620 -0.3691026522
## 3822 2012-07-20 -0.3699391402 -3.684725e-01 -0.3668454907 -0.3667920013
## 3823 2012-07-23 -0.3706362227 -3.715004e-01 -0.3709801765 -0.3692770446
## 3824 2012-07-24 -0.3689479727 -3.714681e-01 -0.3713219739 -0.3725141456
## 3825 2012-07-25 -0.3735988245 -3.758968e-01 -0.3771877059 -0.3790428288
## 3826 2012-07-26 -0.3757772075 -3.770283e-01 -0.3782461932 -0.3758166381

```

```

## 3827 2012-07-27 -0.3700589523 -3.588285e-01 -0.3677165235 -0.3569498978
## 3828 2012-07-30 -0.3572609527 -3.562424e-01 -0.3571647976 -0.3582905265
## 3829 2012-07-31 -0.3593304099 -3.610267e-01 -0.3598771581 -0.3613314298
## 3830 2012-08-01 -0.3603760414 -3.630956e-01 -0.3608805129 -0.3626502554
## 3831 2012-08-02 -0.3642753479 -3.631387e-01 -0.3631297743 -0.3640453665
## 3832 2012-08-03 -0.3604958524 -3.608220e-01 -0.3583114926 -0.3595112451
## 3833 2012-08-06 -0.3588293906 -3.616301e-01 -0.3574514791 -0.3605793744
## 3834 2012-08-07 -0.3603869267 -3.591949e-01 -0.3580689233 -0.3577782561
## 3835 2012-08-08 -0.3591234777 -3.608651e-01 -0.3576940495 -0.3601543008
## 3836 2012-08-09 -0.3606047781 -3.613607e-01 -0.3577932776 -0.3605030867
## 3837 2012-08-10 -0.3615305810 -3.625891e-01 -0.3600756319 -0.3619308958
## 3838 2012-08-13 -0.3624564003 -3.631064e-01 -0.3605497348 -0.3622687726
## 3839 2012-08-14 -0.3597551935 -3.605741e-01 -0.3587635560 -0.3614513234
## 3840 2012-08-15 -0.3624237257 -3.590440e-01 -0.3591715062 -0.3568409144
## 3841 2012-08-16 -0.3564767338 -3.540011e-01 -0.3548163071 -0.3523394888
## 3842 2012-08-17 -0.3533398569 -3.534300e-01 -0.3501082739 -0.3527536685
## 3843 2012-08-20 -0.3525011915 -3.552619e-01 -0.3526111414 -0.3536474042
## 3844 2012-08-21 -0.3530348844 -3.528912e-01 -0.3522252308 -0.3546283530
## 3845 2012-08-22 -0.3546468997 -3.517598e-01 -0.3519495851 -0.3506500905
## 3846 2012-08-23 -0.3516625097 -3.532899e-01 -0.3517070157 -0.3527209716
## 3847 2012-08-24 -0.3521635443 -3.496371e-01 -0.3491269751 -0.3477726704
## 3848 2012-08-27 -0.3476869674 -3.489582e-01 -0.3471864359 -0.3497563548
## 3849 2012-08-28 -0.3496692872 -3.497340e-01 -0.3473187403 -0.3473693999
## 3850 2012-08-29 -0.3466086614 -3.488397e-01 -0.3455656379 -0.3462685748
## 3851 2012-08-30 -0.3463799246 -3.462643e-01 -0.3448379288 -0.3472495073
## 3852 2012-08-31 -0.3452035957 -3.468570e-01 -0.3445622831 -0.3450151430
## 3853 2012-09-04 -0.3449857606 -3.451868e-01 -0.3454884483 -0.3454402154
## 3854 2012-09-05 -0.3457046303 -3.477621e-01 -0.3447827964 -0.3472495073
## 3855 2012-09-06 -0.3450293370 -3.433550e-01 -0.3426878955 -0.3416254526
## 3856 2012-09-07 -0.3389080701 -3.361139e-01 -0.3357195641 -0.3331675674
## 3857 2012-09-10 -0.3332987407 -3.354889e-01 -0.3320810373 -0.3354019492
## 3858 2012-09-11 -0.3348236022 -3.380750e-01 -0.3349036626 -0.3369496509
## 3859 2012-09-12 -0.3360217193 -3.378811e-01 -0.3357416201 -0.3369932405
## 3860 2012-09-13 -0.3377208558 -3.333338e-01 -0.3354108419 -0.3319686692
## 3861 2012-09-14 -0.3306846877 -3.310602e-01 -0.3288284376 -0.3308460401
## 3862 2012-09-17 -0.3308480599 -3.341420e-01 -0.3318825801 -0.3344101065
## 3863 2012-09-18 -0.3338651082 -3.349501e-01 -0.3318825801 -0.3335926573
## 3864 2012-09-19 -0.3328085914 -3.324287e-01 -0.3301956294 -0.3303991635
## 3865 2012-09-20 -0.3321768746 -3.345514e-01 -0.3307799972 -0.3313473991
## 3866 2012-09-21 -0.3303143670 -3.333338e-01 -0.3321692626 -0.3349877695
## 3867 2012-09-24 -0.3374158833 -3.402301e-01 -0.3362929116 -0.3378978865
## 3868 2012-09-25 -0.3362068960 -3.366203e-01 -0.3384650009 -0.3404483236
## 3869 2012-09-26 -0.3404874108 -3.412969e-01 -0.3415522363 -0.3434892443
## 3870 2012-09-27 -0.3425133080 -3.382905e-01 -0.3390273127 -0.3359469154
## 3871 2012-09-28 -0.3364138119 -3.387215e-01 -0.3360723983 -0.3384210496
## 3872 2012-10-01 -0.3372198364 -3.396267e-01 -0.3390603891 -0.3409388062
## 3873 2012-10-02 -0.3400517244 -3.428701e-01 -0.3406701667 -0.3424755986
## 3874 2012-10-03 -0.3417835345 -3.396913e-01 -0.3400857988 -0.3366771678
## 3875 2012-10-04 -0.3365554122 -3.338510e-01 -0.3331285042 -0.3317179728
## 3876 2012-10-05 -0.3309025064 -3.334416e-01 -0.3313423255 -0.3338542302

```

```

## 3877 2012-10-08 -0.3347473511 -3.357044e-01 -0.3334703016 -0.3332547805
## 3878 2012-10-09 -0.3336581597 -3.361893e-01 -0.3387957791 -0.3420832219
## 3879 2012-10-10 -0.3409230809 -3.436136e-01 -0.3462051371 -0.3485901196
## 3880 2012-10-11 -0.3452798467 -3.470186e-01 -0.3485426084 -0.3494293718
## 3881 2012-10-12 -0.3505297571 -3.511564e-01 -0.3485205512 -0.3514566458
## 3882 2012-10-15 -0.3508891762 -3.518891e-01 -0.3522693429 -0.3494729778
## 3883 2012-10-16 -0.3486890214 -3.508224e-01 -0.3483331143 -0.3497345518
## 3884 2012-10-17 -0.3503228086 -3.475574e-01 -0.3469879621 -0.3458652890
## 3885 2012-10-18 -0.3455303564 -3.452838e-01 -0.3476495185 -0.3487427091
## 3886 2012-10-19 -0.3483731461 -3.496909e-01 -0.3517952246 -0.3540288870
## 3887 2012-10-22 -0.3552895183 -3.581712e-01 -0.3590943177 -0.3608082667
## 3888 2012-10-23 -0.3637416386 -3.608112e-01 -0.3616412973 -0.3602306037
## 3889 2012-10-24 -0.3584808417 -3.614146e-01 -0.3639126159 -0.3665740017
## 3890 2012-10-25 -0.3638832389 -3.668239e-01 -0.3694586066 -0.3726449320
## 3891 2012-10-26 -0.3664101544 -3.584298e-01 -0.3653018648 -0.3559471623
## 3892 2012-10-31 -0.3580015953 -3.584406e-01 -0.3611010262 -0.3617783064
## 3893 2012-11-01 -0.3602780174 -3.629124e-01 -0.3601748610 -0.3625957556
## 3894 2012-11-02 -0.3605176406 -3.598414e-01 -0.3593258667 -0.3622905756
## 3895 2012-11-05 -0.3626633500 -3.626107e-01 -0.3615310324 -0.3602088007
## 3896 2012-11-06 -0.3589927628 -3.594643e-01 -0.3567458272 -0.3566883239
## 3897 2012-11-07 -0.3587313677 -3.617163e-01 -0.3622918179 -0.3626829512
## 3898 2012-11-08 -0.3624672868 -3.640977e-01 -0.3648498014 -0.3678165234
## 3899 2012-11-09 -0.3689588744 -3.667700e-01 -0.3676062586 -0.3689500617
## 3900 2012-11-12 -0.3685994401 -3.686557e-01 -0.3667131686 -0.3687756692
## 3901 2012-11-13 -0.3702005526 -3.700781e-01 -0.3674849733 -0.3686339726
## 3902 2012-11-14 -0.3686974630 -3.706061e-01 -0.3699106689 -0.3726122351
## 3903 2012-11-15 -0.3732720638 -3.730306e-01 -0.3746848549 -0.3751735661
## 3904 2012-11-16 -0.3743503688 -3.718560e-01 -0.3741776602 -0.3701271907
## 3905 2012-11-19 -0.3667151269 -3.651214e-01 -0.3644639073 -0.3652442822
## 3906 2012-11-20 -0.3648852929 -3.636990e-01 -0.3622036091 -0.3608082667
## 3907 2012-11-21 -0.3607028021 -3.584729e-01 -0.3586202148 -0.3561760546
## 3908 2012-11-23 -0.3541131905 -3.570398e-01 -0.3545075850 -0.3541596734
## 3909 2012-11-26 -0.3535685948 -3.523848e-01 -0.3528316547 -0.3500833377
## 3910 2012-11-27 -0.3504861808 -3.509301e-01 -0.3489285190 -0.3503231239
## 3911 2012-11-28 -0.3513248625 -3.492492e-01 -0.3489726146 -0.3462794676
## 3912 2012-11-29 -0.3452253838 -3.435920e-01 -0.3423571174 -0.3417453462
## 3913 2012-11-30 -0.3426875656 -3.434089e-01 -0.3415081241 -0.3408952001
## 3914 2012-12-03 -0.3403349251 -3.417818e-01 -0.3396006602 -0.3427698847
## 3915 2012-12-04 -0.3431668131 -3.430317e-01 -0.3410781168 -0.3404156278
## 3916 2012-12-05 -0.3404438344 -3.402840e-01 -0.3391816732 -0.3388134252
## 3917 2012-12-06 -0.3398338894 -3.406934e-01 -0.3379357656 -0.3394564983
## 3918 2012-12-07 -0.3385922122 -3.406503e-01 -0.3373844741 -0.3395654817
## 3919 2012-12-10 -0.3397249637 -3.411137e-01 -0.3425776306 -0.3455601091
## 3920 2012-12-11 -0.3447352510 -3.425145e-01 -0.3432943194 -0.3423775091
## 3921 2012-12-12 -0.3419360213 -3.415663e-01 -0.3395345074 -0.3412112892
## 3922 2012-12-13 -0.3418924602 -3.413723e-01 -0.3395786041 -0.3417671492
## 3923 2012-12-14 -0.3429816516 -3.442170e-01 -0.3420373760 -0.3440124075
## 3924 2012-12-17 -0.3433084123 -3.419542e-01 -0.3404165770 -0.3389224250
## 3925 2012-12-18 -0.3381238512 -3.321378e-01 -0.3345618487 -0.3317942757
## 3926 2012-12-19 -0.3307936134 -3.336894e-01 -0.3311328314 -0.3344210168

```

```

## 3927 2012-12-20 -0.3339958395 -3.328920e-01 -0.3323897583 -0.3305953437
## 3928 2012-12-21 -0.3345839790 -3.372345e-01 -0.3332718290 -0.3355872192
## 3929 2012-12-24 -0.3351503792 -3.360277e-01 -0.3319266933 -0.3337343540
## 3930 2012-12-26 -0.3353137514 -3.382690e-01 -0.3417617303 -0.3446227663
## 3931 2012-12-27 -0.3449748742 -3.469647e-01 -0.3474731008 -0.3449715522
## 3932 2012-12-28 -0.3476216018 -3.490229e-01 -0.3450584421 -0.3483830456
## 3933 2012-12-31 -0.3499089104 -3.436675e-01 -0.3475943860 -0.3421813289
## 3934 2013-01-02 -0.3364791939 -3.375362e-01 -0.3360062455 -0.3351621620
## 3935 2013-01-03 -0.3351830539 -3.345407e-01 -0.3325772128 -0.3338869271
## 3936 2013-01-04 -0.3348454067 -3.357044e-01 -0.3322684907 -0.3331566910
## 3937 2013-01-07 -0.3289746495 -3.250044e-01 -0.3256309208 -0.3230094250
## 3938 2013-01-08 -0.3245089580 -3.258125e-01 -0.3246386029 -0.3252764688
## 3939 2013-01-09 -0.3233108409 -3.252522e-01 -0.3226208905 -0.3253091657
## 3940 2013-01-10 -0.3229078444 -3.260712e-01 -0.3260389041 -0.3264100082
## 3941 2013-01-11 -0.3266546663 -3.264052e-01 -0.3240432324 -0.3235761778
## 3942 2013-01-14 -0.3234960176 -3.201231e-01 -0.3202613466 -0.3183553925
## 3943 2013-01-15 -0.3205769921 -3.217717e-01 -0.3183208239 -0.3192600548
## 3944 2013-01-16 -0.3207403643 -3.233773e-01 -0.3199416219 -0.3224971547
## 3945 2013-01-17 -0.3196838475 -3.225907e-01 -0.3184200531 -0.3208077401
## 3946 2013-01-18 -0.3204136199 -3.198645e-01 -0.3179900292 -0.3190202686
## 3947 2013-01-22 -0.3195531499 -3.224506e-01 -0.3183979794 -0.3211238302
## 3948 2013-01-23 -0.3206967879 -3.235389e-01 -0.3212426619 -0.3233909079
## 3949 2013-01-24 -0.3220038307 -3.175478e-01 -0.3182436354 -0.3175597638
## 3950 2013-01-25 -0.3158716774 -3.088520e-01 -0.3126976447 -0.3060827783
## 3951 2013-01-28 -0.3063085775 -3.091106e-01 -0.3126976447 -0.3147477190
## 3952 2013-01-29 -0.3154904538 -3.188301e-01 -0.3303940866 -0.3318487592
## 3953 2013-01-30 -0.3071581457 -3.094123e-01 -0.3207354837 -0.3183226956
## 3954 2013-01-31 -0.3201848657 -3.183128e-01 -0.3244952616 -0.3262356147
## 3955 2013-02-01 -0.3224830771 -3.258664e-01 -0.3254876126 -0.3267805808
## 3956 2013-02-04 -0.3291815981 -3.304460e-01 -0.3296002258 -0.3322520287
## 3957 2013-02-05 -0.3300311663 -3.268362e-01 -0.3269650704 -0.3247205925
## 3958 2013-02-06 -0.3265893169 -3.280646e-01 -0.3273509810 -0.3298105914
## 3959 2013-02-07 -0.3277438577 -3.310710e-01 -0.3339664606 -0.3319795456
## 3960 2013-02-08 -0.3306846877 -3.298318e-01 -0.3279684241 -0.3301048611
## 3961 2013-02-11 -0.3287241235 -3.319869e-01 -0.3323236066 -0.3352711628
## 3962 2013-02-12 -0.3330917921 -3.353165e-01 -0.3318825801 -0.3336471409
## 3963 2013-02-13 -0.3305430874 -3.247566e-01 -0.3282440698 -0.3219085826
## 3964 2013-02-14 -0.3241822136 -3.240131e-01 -0.3226208905 -0.3221592790
## 3965 2013-02-15 -0.3238990130 -3.258772e-01 -0.3251458152 -0.3266824913
## 3966 2013-02-19 -0.3257724234 -3.245949e-01 -0.3236132085 -0.3216034026
## 3967 2013-02-20 -0.3210997833 -3.200800e-01 -0.3215513840 -0.3252437720
## 3968 2013-02-21 -0.3266328944 -3.252738e-01 -0.3249914371 -0.3257560423
## 3969 2013-02-22 -0.3249991072 -3.278276e-01 -0.3267996896 -0.3263227951
## 3970 2013-02-25 -0.3246505583 -3.261250e-01 -0.3289607421 -0.3323719387
## 3971 2013-02-26 -0.3312401525 -3.332907e-01 -0.3332828647 -0.3329278150
## 3972 2013-02-27 -0.3328630706 -3.292068e-01 -0.3320369582 -0.3286879622
## 3973 2013-02-28 -0.3302381149 -3.279461e-01 -0.3278801987 -0.3275762433
## 3974 2013-03-01 -0.3286479051 -3.283771e-01 -0.3274281353 -0.3259740418
## 3975 2013-03-04 -0.3263714994 -3.211576e-01 -0.3240101218 -0.3179412466
## 3976 2013-03-05 -0.3169608688 -3.175155e-01 -0.3175600396 -0.3152382026

```

```

## 3977 2013-03-06 -0.3150438810 -3.177202e-01 -0.3155312904 -0.3172000665
## 3978 2013-03-07 -0.3168519432 -3.195413e-01 -0.3155092178 -0.3171019770
## 3979 2013-03-08 -0.3158716774 -3.188516e-01 -0.3158951284 -0.3167641013
## 3980 2013-03-11 -0.3175817156 -3.204141e-01 -0.3171079762 -0.3199794145
## 3981 2013-03-12 -0.3202284432 -3.167396e-01 -0.3171520894 -0.3168294939
## 3982 2013-03-13 -0.3156102823 -3.177094e-01 -0.3146381674 -0.3157722585
## 3983 2013-03-14 -0.3216770537 -3.247135e-01 -0.3246827150 -0.3259740418
## 3984 2013-03-15 -0.3267853638 -3.276659e-01 -0.3285197155 -0.3302465577
## 3985 2013-03-18 -0.3329719963 -3.338834e-01 -0.3317502756 -0.3345299827
## 3986 2013-03-19 -0.3339522621 -3.360277e-01 -0.3367118986 -0.3361430944
## 3987 2013-03-20 -0.3343334856 -3.357475e-01 -0.3345839048 -0.3351948588
## 3988 2013-03-21 -0.3364465203 -3.387215e-01 -0.3366457458 -0.3394346953
## 3989 2013-03-22 -0.3381456394 -3.378918e-01 -0.3373183059 -0.3346825896
## 3990 2013-03-25 -0.3337562152 -3.361031e-01 -0.3346390372 -0.3365681844
## 3991 2013-03-26 -0.3354226771 -3.338941e-01 -0.3326764408 -0.3318923652
## 3992 2013-03-27 -0.3335710385 -3.290991e-01 -0.3308902621 -0.3264536142
## 3993 2013-03-28 -0.3258704473 -3.275366e-01 -0.3240983472 -0.3251565926
## 3994 2013-04-01 -0.3246069809 -3.275151e-01 -0.3274612117 -0.3304754675
## 3995 2013-04-02 -0.3295954963 -3.291421e-01 -0.3279684241 -0.3286116593
## 3996 2013-04-03 -0.3299004688 -3.315343e-01 -0.3310556429 -0.3332874774
## 3997 2013-04-04 -0.3330482147 -3.350471e-01 -0.3328528585 -0.3332329939
## 3998 2013-04-05 -0.3368712876 -3.396051e-01 -0.3355541832 -0.3371567402
## 3999 2013-04-08 -0.3366534525 -3.358337e-01 -0.3333931131 -0.3333746578
## 4000 2013-04-09 -0.3334621129 -3.326765e-01 -0.3318825801 -0.3309877029
## 4001 2013-04-10 -0.3302707895 -3.290452e-01 -0.3293245801 -0.3270312772
## 4002 2013-04-11 -0.3270467926 -3.236682e-01 -0.3233485996 -0.3214944029
## 4003 2013-04-12 -0.3211869371 -3.211899e-01 -0.3208347118 -0.3182028195
## 4004 2013-04-15 -0.3201413220 -3.191964e-01 -0.3207464864 -0.3238159640
## 4005 2013-04-16 -0.3220691789 -3.216963e-01 -0.3196880157 -0.3187804825
## 4006 2013-04-17 -0.3204462946 -3.237975e-01 -0.3238888542 -0.3241647499
## 4007 2013-04-18 -0.3247921576 -3.279569e-01 -0.3323236066 -0.3328623886
## 4008 2013-04-19 -0.3342136571 -3.323856e-01 -0.3313312886 -0.3318814561
## 4009 2013-04-22 -0.3329175171 -3.305322e-01 -0.3307469208 -0.3283609956
## 4010 2013-04-23 -0.3273081877 -3.248535e-01 -0.3236132085 -0.3225298516
## 4011 2013-04-24 -0.3218622304 -3.231295e-01 -0.3210662443 -0.3226606380
## 4012 2013-04-25 -0.3196511728 -3.184637e-01 -0.3169977113 -0.3162082249
## 4013 2013-04-26 -0.3213503093 -3.225368e-01 -0.3365024045 -0.3378869926
## 4014 2013-04-29 -0.3377644322 -3.387107e-01 -0.3405378622 -0.3434129415
## 4015 2013-04-30 -0.3437876598 -3.412214e-01 -0.3411883817 -0.3389769248
## 4016 2013-05-01 -0.3388536236 -3.417387e-01 -0.3442866374 -0.3450587490
## 4017 2013-05-02 -0.3442560045 -3.431071e-01 -0.3442535610 -0.3403502340
## 4018 2013-05-03 -0.3364138119 -3.362971e-01 -0.3344185240 -0.3343556230
## 4019 2013-05-06 -0.3342899093 -3.360277e-01 -0.3358298290 -0.3368951510
## 4020 2013-05-07 -0.3362286679 -3.357691e-01 -0.3363921396 -0.3347043763
## 4021 2013-05-08 -0.3356187239 -3.351656e-01 -0.3337238913 -0.3336689602
## 4022 2013-05-09 -0.3335928104 -3.316636e-01 -0.3320148845 -0.3320558485
## 4023 2013-05-10 -0.3312510553 -3.315559e-01 -0.3283432990 -0.3282737825
## 4024 2013-05-13 -0.3291925009 -3.291529e-01 -0.3263696657 -0.3273146367
## 4025 2013-05-14 -0.3273081877 -3.253600e-01 -0.3241314236 -0.3231511206
## 4026 2013-05-15 -0.3245089580 -3.257371e-01 -0.3235470557 -0.3250802887

```

```

## 4027 2013-05-16 -0.3257179779 -3.264052e-01 -0.3243298808 -0.3277397266
## 4028 2013-05-17 -0.3258595772 -3.247350e-01 -0.3230619171 -0.3214399193
## 4029 2013-05-20 -0.3224068261 -3.227846e-01 -0.3214080428 -0.3239140535
## 4030 2013-05-21 -0.3226900268 -3.238838e-01 -0.3201290422 -0.3225734587
## 4031 2013-05-22 -0.3241604080 -3.273103e-01 -0.3276927784 -0.3290040524
## 4032 2013-05-23 -0.3316758563 -3.320731e-01 -0.3290268948 -0.3302683771
## 4033 2013-05-24 -0.3323729214 -3.334092e-01 -0.3304051234 -0.3303337708
## 4034 2013-05-28 -0.3251515766 -3.235281e-01 -0.3219593342 -0.3242846261
## 4035 2013-05-29 -0.3262625737 -3.265992e-01 -0.3232383347 -0.3262029178
## 4036 2013-05-30 -0.3259902758 -3.262543e-01 -0.3223893581 -0.3247860190
## 4037 2013-05-31 -0.3256744005 -3.226553e-01 -0.3220254870 -0.3222028523
## 4038 2013-06-03 -0.3224504036 -3.256725e-01 -0.3253221987 -0.3247315027
## 4039 2013-06-04 -0.3245852090 -3.259203e-01 -0.3252450433 -0.3260176151
## 4040 2013-06-05 -0.3258813490 -3.229247e-01 -0.3230398775 -0.3244154136
## 4041 2013-06-06 -0.3237683154 -3.241747e-01 -0.3239329675 -0.3236960867
## 4042 2013-06-07 -0.3216008353 -3.138302e-01 -0.3185082443 -0.3138430905
## 4043 2013-06-10 -0.3140418434 -3.112765e-01 -0.3117714795 -0.3092653619
## 4044 2013-06-11 -0.3147824859 -3.156513e-01 -0.3128740623 -0.3161210445
## 4045 2013-06-12 -0.3141289645 -3.173862e-01 -0.3170528272 -0.3195107185
## 4046 2013-06-13 -0.3196838475 -3.173862e-01 -0.3172292437 -0.3150202020
## 4047 2013-06-14 -0.3158716774 -3.170952e-01 -0.3137561154 -0.3169821008
## 4048 2013-06-17 -0.3144012624 -3.137225e-01 -0.3113194161 -0.3125460678
## 4049 2013-06-18 -0.3114277904 -3.108023e-01 -0.3086070721 -0.3085133054
## 4050 2013-06-19 -0.3090533280 -3.103390e-01 -0.3088716810 -0.3124370680
## 4051 2013-06-20 -0.3157191742 -3.154466e-01 -0.3149138131 -0.3175815504
## 4052 2013-06-21 -0.3163400221 -3.184206e-01 -0.3177805352 -0.3176687635
## 4053 2013-06-24 -0.3199125679 -3.213084e-01 -0.3230619171 -0.3206660772
## 4054 2013-06-25 -0.3188125074 -3.209744e-01 -0.3186515856 -0.3190529655
## 4055 2013-06-26 -0.3169826407 -3.161146e-01 -0.3136899626 -0.3130801248
## 4056 2013-06-27 -0.3113188647 -3.137225e-01 -0.3125432665 -0.3131019442
## 4057 2013-06-28 -0.3145755374 -3.141212e-01 -0.3107240125 -0.3129493384
## 4058 2013-07-01 -0.3115149116 -3.103929e-01 -0.3096545049 -0.3081427328
## 4059 2013-07-02 -0.3092929512 -3.068478e-01 -0.3058726545 -0.3063661378
## 4060 2013-07-03 -0.3082473372 -3.081193e-01 -0.3043180082 -0.3060391712
## 4061 2013-07-05 -0.3049797628 -3.070633e-01 -0.3042408197 -0.3040227900
## 4062 2013-07-08 -0.3034330968 -3.013630e-01 -0.2997532986 -0.2988892189
## 4063 2013-07-09 -0.2984446141 -3.003933e-01 -0.2976914741 -0.2978646793
## 4064 2013-07-10 -0.2979980412 -2.995636e-01 -0.2961589016 -0.2969927466
## 4065 2013-07-11 -0.2940987511 -2.916436e-01 -0.2931819146 -0.2890035247
## 4066 2013-07-12 -0.2900687296 -2.842517e-01 -0.2861253908 -0.2804039767
## 4067 2013-07-15 -0.2807234811 -2.837775e-01 -0.2796752744 -0.2814720896
## 4068 2013-07-16 -0.2806908064 -2.822689e-01 -0.2783962738 -0.2811451230
## 4069 2013-07-17 -0.2810502254 -2.829047e-01 -0.2781978177 -0.2791614387
## 4070 2013-07-18 -0.2818126725 -2.855555e-01 -0.2824096920 -0.2841533469
## 4071 2013-07-19 -0.2838603241 -2.861481e-01 -0.2823655788 -0.2829325945
## 4072 2013-07-22 -0.2785668700 -2.824198e-01 -0.2822663507 -0.2848399759
## 4073 2013-07-23 -0.2852000416 -2.869347e-01 -0.2838540723 -0.2874776261
## 4074 2013-07-24 -0.2853525448 -2.882493e-01 -0.2866325690 -0.2897882781
## 4075 2013-07-25 -0.2897310824 -2.875382e-01 -0.2880549108 -0.2849271890
## 4076 2013-07-26 -0.2891320402 -2.777110e-01 -0.2893780235 -0.2755428549

```

```

## 4077 2013-07-29 -0.2765845339 -2.783790e-01 -0.2779662841 -0.2819843588
## 4078 2013-07-30 -0.2802333318 -2.818487e-01 -0.2827404537 -0.2860062110
## 4079 2013-07-31 -0.2843831480 -2.868378e-01 -0.2833689336 -0.2873032337
## 4080 2013-08-01 -0.2852871955 -2.856956e-01 -0.2856843643 -0.2825620218
## 4081 2013-08-02 -0.2835989291 -2.866438e-01 -0.2828176422 -0.2840443471
## 4082 2013-08-05 -0.2849386466 -2.884864e-01 -0.2863459206 -0.2875539301
## 4083 2013-08-06 -0.2880863924 -2.909217e-01 -0.2872059341 -0.2878155029
## 4084 2013-08-07 -0.2884785188 -2.913204e-01 -0.2887164672 -0.2920008384
## 4085 2013-08-08 -0.2902539063 -2.939819e-01 -0.2926857721 -0.2932760744
## 4086 2013-08-09 -0.2933472057 -2.931737e-01 -0.2907562521 -0.2916193556
## 4087 2013-08-12 -0.2932273772 -2.933785e-01 -0.2896977483 -0.2922406257
## 4088 2013-08-13 -0.2931293543 -2.962986e-01 -0.2947586004 -0.2952052425
## 4089 2013-08-14 -0.2948611644 -2.985399e-01 -0.2949019405 -0.2980717697
## 4090 2013-08-15 -0.3008517174 -3.039169e-01 -0.3008448788 -0.3033797343
## 4091 2013-08-16 -0.3032915291 -3.049621e-01 -0.3015615510 -0.3051781160
## 4092 2013-08-19 -0.3047728143 -3.036367e-01 -0.3026861734 -0.3043606668
## 4093 2013-08-20 -0.3040212689 -3.036905e-01 -0.3001943593 -0.3027039818
## 4094 2013-08-21 -0.3048817399 -3.047789e-01 -0.3023002959 -0.3054505991
## 4095 2013-08-22 -0.3051976142 -3.033026e-01 -0.3012307894 -0.2998265443
## 4096 2013-08-23 -0.2982158937 -3.015462e-01 -0.2978127759 -0.2995213644
## 4097 2013-08-26 -0.2990654608 -3.020311e-01 -0.3003266637 -0.3036631276
## 4098 2013-08-27 -0.3062105546 -3.082486e-01 -0.3068098565 -0.3094179677
## 4099 2013-08-28 -0.3100336275 -3.107054e-01 -0.3072619188 -0.3087095183
## 4100 2013-08-29 -0.3088463794 -3.074943e-01 -0.3065231740 -0.3060936547
## 4101 2013-08-30 -0.3054263357 -3.086904e-01 -0.3065231740 -0.3093634515
## 4102 2013-09-03 -0.3052738325 -3.016648e-01 -0.3019253890 -0.3008402064
## 4103 2013-09-04 -0.3013527694 -2.975270e-01 -0.2981656101 -0.2955649049
## 4104 2013-09-05 -0.2955800351 -2.956197e-01 -0.2925093556 -0.2950635458
## 4105 2013-09-06 -0.2937284292 -2.935940e-01 -0.2946152922 -0.2931452880
## 4106 2013-09-09 -0.2916698421 -2.924302e-01 -0.2882202916 -0.2889490423
## 4107 2013-09-10 -0.2880428487 -2.913096e-01 -0.2875366958 -0.2882405928
## 4108 2013-09-11 -0.2898291053 -2.903829e-01 -0.2868530999 -0.2890253114
## 4109 2013-09-12 -0.2893062814 -2.902320e-01 -0.2870515560 -0.2898754912
## 4110 2013-09-13 -0.2884893878 -2.921500e-01 -0.2886613182 -0.2908999970
## 4111 2013-09-16 -0.2888379378 -2.913096e-01 -0.2896977483 -0.2929272873
## 4112 2013-09-17 -0.2912232693 -2.873765e-01 -0.2888708111 -0.2840879205
## 4113 2013-09-18 -0.2842197758 -2.786592e-01 -0.2812629959 -0.2755210682
## 4114 2013-09-19 -0.2736437366 -2.767196e-01 -0.2722989916 -0.2754883714
## 4115 2013-09-20 -0.2749834203 -2.702220e-01 -0.2707884586 -0.2708234635
## 4116 2013-09-23 -0.2733823078 -2.752542e-01 -0.2748018768 -0.2761096415
## 4117 2013-09-24 -0.2751032488 -2.729051e-01 -0.2720343828 -0.2732322040
## 4118 2013-09-25 -0.2728159402 -2.743813e-01 -0.2726187506 -0.2748453157
## 4119 2013-09-26 -0.2735021363 -2.715151e-01 -0.2698512566 -0.2688833852
## 4120 2013-09-27 -0.2702127574 -2.738426e-01 -0.2697520285 -0.2711831259
## 4121 2013-09-30 -0.2740358292 -2.758899e-01 -0.2722769521 -0.2748561921
## 4122 2013-10-01 -0.2731535874 -2.697587e-01 -0.2694212669 -0.2657988584
## 4123 2013-10-02 -0.2689928673 -2.689720e-01 -0.2651542767 -0.2662784308
## 4124 2013-10-03 -0.2664332609 -2.676898e-01 -0.2701158996 -0.2725455412
## 4125 2013-10-04 -0.2721624188 -2.716982e-01 -0.2705569261 -0.2678806323
## 4126 2013-10-07 -0.2720426241 -2.758576e-01 -0.2737323703 -0.2777009327

```

```

## 4127 2013-10-08 -0.2761161892 -2.799415e-01 -0.2841738312 -0.2851124590
## 4128 2013-10-09 -0.2849168420 -2.886157e-01 -0.2883305565 -0.2905621202
## 4129 2013-10-10 -0.2835989291 -2.851675e-01 -0.2816158313 -0.2829979882
## 4130 2013-10-11 -0.2834464597 -2.806096e-01 -0.2802376027 -0.2767635736
## 4131 2013-10-14 -0.2785995447 -2.798337e-01 -0.2767534364 -0.2769706640
## 4132 2013-10-15 -0.2778915768 -2.807604e-01 -0.2786719195 -0.2816573923
## 4133 2013-10-16 -0.2795144611 -2.807496e-01 -0.2783521948 -0.2771995737
## 4134 2013-10-17 -0.2809412998 -2.805341e-01 -0.2786939933 -0.2768943938
## 4135 2013-10-18 -0.2675551607 -2.580242e-01 -0.2660032533 -0.2571012198
## 4136 2013-10-21 -0.2560859420 -2.600608e-01 -0.2582300573 -0.2598151413
## 4137 2013-10-22 -0.2584495027 -2.523994e-01 -0.2561571960 -0.2531665469
## 4138 2013-10-23 -0.2550512308 -2.582074e-01 -0.2579433747 -0.2594663542
## 4139 2013-10-24 -0.2563691427 -2.572053e-01 -0.2549774246 -0.2535262442
## 4140 2013-10-25 -0.2248152651 -2.186831e-01 -0.2264536112 -0.2195421305
## 4141 2013-10-28 -0.2233775248 -2.247712e-01 -0.2214037629 -0.2252424882
## 4142 2013-10-29 -0.2244231725 -2.246203e-01 -0.2224071166 -0.2202941870
## 4143 2013-10-30 -0.2204367274 -2.223467e-01 -0.2198050375 -0.2220599045
## 4144 2013-10-31 -0.2214060904 -2.212692e-01 -0.2194191269 -0.2188445913
## 4145 2013-11-01 -0.2171582503 -2.215170e-01 -0.2226166106 -0.2243269494
## 4146 2013-11-04 -0.2231597061 -2.266569e-01 -0.2244910148 -0.2246103427
## 4147 2013-11-05 -0.2267976012 -2.275512e-01 -0.2240058761 -0.2244468256
## 4148 2013-11-06 -0.2228002544 -2.246419e-01 -0.2243807499 -0.2274005660
## 4149 2013-11-07 -0.2277996726 -2.299973e-01 -0.2382953402 -0.2411555055
## 4150 2013-11-08 -0.2385935305 -2.373785e-01 -0.2359137568 -0.2337984629
## 4151 2013-11-11 -0.2335396996 -2.327235e-01 -0.2314813858 -0.2293624310
## 4152 2013-11-12 -0.2309256466 -2.326049e-01 -0.2323413993 -0.2346486089
## 4153 2013-11-13 -0.2370142225 -2.318075e-01 -0.2341055385 -0.2273569600
## 4154 2013-11-14 -0.2261331770 -2.181012e-01 -0.2222527726 -0.2151715251
## 4155 2013-11-15 -0.2149798674 -2.138341e-01 -0.2121972223 -0.2132423243
## 4156 2013-11-18 -0.2120935165 -2.131984e-01 -0.2131674677 -0.2165012435
## 4157 2013-11-19 -0.2169513017 -2.182736e-01 -0.2155600869 -0.2178527497
## 4158 2013-11-20 -0.2150561184 -2.195882e-01 -0.2178203685 -0.2204358837
## 4159 2013-11-21 -0.2188791913 -2.177671e-01 -0.2146780338 -0.2135148074
## 4160 2013-11-22 -0.2123984891 -2.121100e-01 -0.2113592483 -0.2098199534
## 4161 2013-11-25 -0.2082377701 -2.085649e-01 -0.2037845095 -0.2051005282
## 4162 2013-11-26 -0.2041097584 -2.034897e-01 -0.2019762581 -0.1999451705
## 4163 2013-11-27 -0.1976944044 -1.986407e-01 -0.1933871618 -0.1941249367
## 4164 2013-11-29 -0.1915949257 -1.909901e-01 -0.1867606277 -0.1865935005
## 4165 2013-12-02 -0.1808119368 -1.857102e-01 -0.1862313758 -0.1880322187
## 4166 2013-12-03 -0.1904948652 -1.943844e-01 -0.1928468731 -0.1963592836
## 4167 2013-12-04 -0.1976944044 -1.957421e-01 -0.1946220491 -0.1949423858
## 4168 2013-12-05 -0.1942634578 -1.990179e-01 -0.1947543536 -0.1965445873
## 4169 2013-12-06 -0.1924118193 -1.971860e-01 -0.1920420085 -0.1938633300
## 4170 2013-12-09 -0.1926732481 -1.973369e-01 -0.1934312409 -0.1961085872
## 4171 2013-12-10 -0.1974330093 -1.964210e-01 -0.1929350984 -0.1929587004
## 4172 2013-12-11 -0.1935119136 -1.965072e-01 -0.1940597208 -0.1990514184
## 4173 2013-12-12 -0.2001341824 -2.007958e-01 -0.1968161780 -0.2000759569
## 4174 2013-12-13 -0.1957120683 -1.960330e-01 -0.1920750849 -0.1968170704
## 4175 2013-12-16 -0.1960279426 -1.935762e-01 -0.1907519722 -0.1916616789
## 4176 2013-12-17 -0.1899066920 -1.939426e-01 -0.1890980979 -0.1931003971

```

```

## 4177 2013-12-18 -0.1914533254 -1.886196e-01 -0.1928468731 -0.1840430634
## 4178 2013-12-19 -0.1859638244 -1.875528e-01 -0.1823723358 -0.1848822992
## 4179 2013-12-20 -0.1834804690 -1.795466e-01 -0.1788661299 -0.1772418632
## 4180 2013-12-23 -0.1757036267 -1.792449e-01 -0.1750952822 -0.1764571109
## 4181 2013-12-24 -0.1769779949 -1.806242e-01 -0.1782156104 -0.1805116600
## 4182 2013-12-26 -0.1777730829 -1.797621e-01 -0.1777304707 -0.1748549083
## 4183 2013-12-27 -0.1746580116 -1.785660e-01 -0.1783479149 -0.1817324114
## 4184 2013-12-30 -0.1803653640 -1.847188e-01 -0.1825377166 -0.1868659835
## 4185 2013-12-31 -0.1856261772 -1.858934e-01 -0.1810492561 -0.1809585355
## 4186 2014-01-02 -0.1810297882 -1.853223e-01 -0.1808066868 -0.1818522886
## 4187 2014-01-03 -0.1815852530 -1.817125e-01 -0.1783809913 -0.1835198839
## 4188 2014-01-06 -0.1842428834 -1.878653e-01 -0.1869811244 -0.1865825902
## 4189 2014-01-07 -0.1851251252 -1.862813e-01 -0.1805089674 -0.1817868949
## 4190 2014-01-08 -0.1813892072 -1.814000e-01 -0.1785794474 -0.1775470432
## 4191 2014-01-09 -0.1756818549 -1.772083e-01 -0.1759332562 -0.1785388848
## 4192 2014-01-10 -0.1769670921 -1.805811e-01 -0.1810492561 -0.1821901644
## 4193 2014-01-13 -0.1819229001 -1.848697e-01 -0.1869480481 -0.1894709042
## 4194 2014-01-14 -0.1882946767 -1.861089e-01 -0.1838167160 -0.1823209508
## 4195 2014-01-15 -0.1808772861 -1.853761e-01 -0.1824495243 -0.1841411529
## 4196 2014-01-16 -0.1866064430 -1.853977e-01 -0.1858895773 -0.1842174558
## 4197 2014-01-17 -0.1859746934 -1.808720e-01 -0.1812036001 -0.1800648172
## 4198 2014-01-21 -0.1764551710 -1.762278e-01 -0.1724490899 -0.1719557180
## 4199 2014-01-22 -0.1710092137 -1.759476e-01 -0.1720080634 -0.1746914250
## 4200 2014-01-23 -0.1786335539 -1.779842e-01 -0.1766499273 -0.1797814239
## 4201 2014-01-24 -0.1817268533 -1.844171e-01 -0.1882491212 -0.1931548806
## 4202 2014-01-27 -0.1900700642 -1.909901e-01 -0.1957246320 -0.1945935988
## 4203 2014-01-28 -0.1934465643 -1.903005e-01 -0.1884145020 -0.1857106575
## 4204 2014-01-29 -0.1882620020 -1.923371e-01 -0.1926925291 -0.1968606437
## 4205 2014-01-30 -0.1865084201 -1.778980e-01 -0.1877749852 -0.1763590203
## 4206 2014-01-31 -0.2104815012 -2.110863e-01 -0.2207863187 -0.2246648263
## 4207 2014-02-03 -0.2244013669 -2.268185e-01 -0.2402579366 -0.2383325854
## 4208 2014-02-04 -0.2346288910 -2.341997e-01 -0.2359358305 -0.2363706877
## 4209 2014-02-05 -0.2385390840 -2.391887e-01 -0.2428710525 -0.2380055861
## 4210 2014-02-06 -0.2370142225 -2.333161e-01 -0.2322090949 -0.2291335550
## 4211 2014-02-07 -0.2244013669 -2.257949e-01 -0.2265969525 -0.2220599045
## 4212 2014-02-10 -0.2215368217 -2.223467e-01 -0.2190332163 -0.2222887816
## 4213 2014-02-11 -0.2212862957 -2.238445e-01 -0.2224512298 -0.2212860287
## 4214 2014-02-12 -0.2271788247 -2.301589e-01 -0.2333998701 -0.2349537889
## 4215 2014-02-13 -0.2366874455 -2.307515e-01 -0.2332014129 -0.2262888144
## 4216 2014-02-14 -0.2240092743 -2.284456e-01 -0.2256487135 -0.2261253311
## 4217 2014-02-18 -0.2284313884 -2.323355e-01 -0.2299487801 -0.2301580935
## 4218 2014-02-19 -0.2313068364 -2.336178e-01 -0.2336424394 -0.2369919567
## 4219 2014-02-20 -0.2354893610 -2.380142e-01 -0.2355388830 -0.2343543392
## 4220 2014-02-21 -0.2315246888 -2.340488e-01 -0.2329257671 -0.2376677093
## 4221 2014-02-24 -0.2394213269 -2.352772e-01 -0.2367406940 -0.2321962614
## 4222 2014-02-25 -0.2309147438 -2.265707e-01 -0.2276003062 -0.2250680957
## 4223 2014-02-26 -0.2234429068 -2.226161e-01 -0.2214368393 -0.2234550167
## 4224 2014-02-27 -0.2263183548 -2.270987e-01 -0.2232781670 -0.2230953206
## 4225 2014-02-28 -0.2226368822 -2.214092e-01 -0.2215361004 -0.2209481529
## 4226 2014-03-03 -0.2246627957 -2.267000e-01 -0.2244027894 -0.2234768034

```

```

## 4227 2014-03-04 -0.2190425635 -2.216140e-01 -0.2156042001 -0.2189862880
## 4228 2014-03-05 -0.2187920375 -2.140173e-01 -0.2140164775 -0.2097545607
## 4229 2014-03-06 -0.2079872767 -2.112157e-01 -0.2085035631 -0.2099834367
## 4230 2014-03-07 -0.2074100063 -2.115820e-01 -0.2078089304 -0.2100924365
## 4231 2014-03-10 -0.2094685619 -2.140173e-01 -0.2105984639 -0.2117600317
## 4232 2014-03-11 -0.2113202004 -2.139419e-01 -0.2102897418 -0.2136238071
## 4233 2014-03-12 -0.2163195848 -2.157090e-01 -0.2143362364 -0.2116401217
## 4234 2014-03-13 -0.2051880471 -2.028324e-01 -0.2094076888 -0.2106918861
## 4235 2014-03-14 -0.2093487660 -2.077244e-01 -0.2055817251 -0.2082613590
## 4236 2014-03-17 -0.2061683128 -2.074227e-01 -0.2019101054 -0.2068444264
## 4237 2014-03-18 -0.2044256000 -2.072611e-01 -0.2017778009 -0.2027790009
## 4238 2014-03-19 -0.2028462920 -2.072611e-01 -0.2079301990 -0.2088172016
## 4239 2014-03-20 -0.2117013902 -2.137263e-01 -0.2114584775 -0.2134603238
## 4240 2014-03-21 -0.2113092976 -2.138988e-01 -0.2200806833 -0.2225612647
## 4241 2014-03-24 -0.2231923807 -2.261181e-01 -0.2308859822 -0.2321199585
## 4242 2014-03-25 -0.2297928777 -2.288443e-01 -0.2306213733 -0.2290027686
## 4243 2014-03-26 -0.2264163776 -2.303205e-01 -0.2366194264 -0.2413189888
## 4244 2014-03-27 -0.2416432862 -2.449751e-01 -0.2504237518 -0.2467032574
## 4245 2014-03-28 -0.2450197862 -2.417425e-01 -0.2446903407 -0.2468994365
## 4246 2014-03-31 -0.2424601798 -2.425076e-01 -0.2469175460 -0.2489921217
## 4247 2014-04-01 -0.2471545928 -2.445118e-01 -0.2425733673 -0.2417767756
## 4248 2014-04-02 -0.2385499868 -2.403417e-01 -0.2399492145 -0.2428994048
## 4249 2014-04-03 -0.2430918967 -2.465915e-01 -0.2530920178 -0.2519894354
## 4250 2014-04-04 -0.2503568178 -2.541989e-01 -0.2672602144 -0.2635645104
## 4251 2014-04-07 -0.2657797732 -2.655131e-01 -0.2699945978 -0.2692757445
## 4252 2014-04-08 -0.2648103765 -2.622159e-01 -0.2641398861 -0.2591284785
## 4253 2014-04-09 -0.2576326091 -2.577117e-01 -0.2596634018 -0.2539622095
## 4254 2014-04-10 -0.2553126259 -2.589832e-01 -0.2662788991 -0.2699842277
## 4255 2014-04-11 -0.2733932106 -2.746076e-01 -0.2739969792 -0.2758480348
## 4256 2014-04-14 -0.2693958638 -2.703190e-01 -0.2720343828 -0.2712921257
## 4257 2014-04-15 -0.2704523806 -2.726896e-01 -0.2784073107 -0.2711068557
## 4258 2014-04-16 -0.2655836937 -2.665260e-01 -0.2682525323 -0.2628233641
## 4259 2014-04-17 -0.2671194569 -2.615047e-01 -0.2626844679 -0.2614827354
## 4260 2014-04-21 -0.2625339707 -2.588216e-01 -0.2598728948 -0.2549867490
## 4261 2014-04-22 -0.2537877644 -2.519792e-01 -0.2525627659 -0.2566761310
## 4262 2014-04-23 -0.2526332236 -2.566880e-01 -0.2586820865 -0.2618424316
## 4263 2014-04-24 -0.2563255663 -2.520869e-01 -0.2591672263 -0.2481419756
## 4264 2014-04-25 -0.2709425298 -2.746184e-01 -0.2814835268 -0.2844585258
## 4265 2014-04-28 -0.2842851252 -2.876567e-01 -0.2977025110 -0.2923605346
## 4266 2014-04-29 -0.2925194104 -2.904044e-01 -0.2950011697 -0.2882187724
## 4267 2014-04-30 -0.2907113482 -2.874735e-01 -0.2865664173 -0.2841315265
## 4268 2014-05-01 -0.2841435248 -2.810944e-01 -0.2800611850 -0.2800333703
## 4269 2014-05-02 -0.2772925018 -2.780665e-01 -0.2797193865 -0.2799025839
## 4270 2014-05-05 -0.2817037468 -2.813638e-01 -0.2789586021 -0.2776791461
## 4271 2014-05-06 -0.2782618975 -2.818164e-01 -0.2877351519 -0.2914885691
## 4272 2014-05-07 -0.2934779032 -2.962663e-01 -0.2991579281 -0.2965785680
## 4273 2014-05-08 -0.2986406609 -2.968266e-01 -0.2985514877 -0.3013633531
## 4274 2014-05-09 -0.2989129588 -2.991972e-01 -0.3016938555 -0.2970908372
## 4275 2014-05-12 -0.2948502953 -2.887881e-01 -0.2909105961 -0.2855157622
## 4276 2014-05-13 -0.2858099867 -2.863529e-01 -0.2836445793 -0.2835756501

```

```

## 4277 2014-05-14 -0.2859189123 -2.873873e-01 -0.2881541389 -0.2912269963
## 4278 2014-05-15 -0.2907985020 -2.932491e-01 -0.2950783582 -0.2938755240
## 4279 2014-05-16 -0.2964840825 -2.935940e-01 -0.2937883550 -0.2911397832
## 4280 2014-05-19 -0.2932600519 -2.934647e-01 -0.2912965067 -0.2921643217
## 4281 2014-05-20 -0.2918005397 -2.875813e-01 -0.2880549108 -0.2873359305
## 4282 2014-05-21 -0.2862347877 -2.859650e-01 -0.2827956026 -0.2831723806
## 4283 2014-05-22 -0.2831414872 -2.831849e-01 -0.2811527310 -0.2832813804
## 4284 2014-05-23 -0.2826949154 -2.790794e-01 -0.2790688670 -0.2752921923
## 4285 2014-05-27 -0.2729466377 -2.766226e-01 -0.2763344494 -0.2768398775
## 4286 2014-05-28 -0.2782945721 -2.774954e-01 -0.2762903372 -0.2775592361
## 4287 2014-05-29 -0.2772925018 -2.763640e-01 -0.2732251579 -0.2736136868
## 4288 2014-05-30 -0.2729248659 -2.766011e-01 -0.2761249564 -0.2749543155
## 4289 2014-06-02 -0.2749289749 -2.788100e-01 -0.2767534364 -0.2789979554
## 4290 2014-06-03 -0.2823790401 -2.838529e-01 -0.2788814136 -0.2807963371
## 4291 2014-06-04 -0.2811809230 -2.821504e-01 -0.2802376027 -0.2812432125
## 4292 2014-06-05 -0.2798194336 -2.622805e-01 -0.2768637013 -0.2629432414
## 4293 2014-06-06 -0.2614121046 -2.591125e-01 -0.2569841332 -0.2562946481
## 4294 2014-06-09 -0.2542561091 -2.568281e-01 -0.2561902724 -0.2586598153
## 4295 2014-06-10 -0.2585257538 -2.541343e-01 -0.2541504875 -0.2533082436
## 4296 2014-06-11 -0.2494309986 -2.485095e-01 -0.2471160032 -0.2502673239
## 4297 2014-06-12 -0.2499211478 -2.540804e-01 -0.2572818184 -0.2603928032
## 4298 2014-06-13 -0.2591792752 -2.608151e-01 -0.2585277426 -0.2600004439
## 4299 2014-06-16 -0.2615646077 -2.614723e-01 -0.2585387794 -0.2585290289
## 4300 2014-06-17 -0.2586455485 -2.586169e-01 -0.2566533384 -0.2607088933
## 4301 2014-06-18 -0.2581445302 -2.538649e-01 -0.2569069446 -0.2511610760
## 4302 2014-06-19 -0.2502369893 -2.504706e-01 -0.2558264013 -0.2592047814
## 4303 2014-06-20 -0.2584059253 -2.619788e-01 -0.2619567599 -0.2622565786
## 4304 2014-06-23 -0.2632310685 -2.627008e-01 -0.2608652127 -0.2589432086
## 4305 2014-06-24 -0.2586455485 -2.603517e-01 -0.2593987930 -0.2623001846
## 4306 2014-06-25 -0.2621418770 -2.620542e-01 -0.2605013758 -0.2587252090
## 4307 2014-06-26 -0.2576108373 -2.615155e-01 -0.2600713520 -0.2606325905
## 4308 2014-06-27 -0.2604536106 -2.638106e-01 -0.2588144251 -0.2618533091
## 4309 2014-06-30 -0.2614338764 -2.633149e-01 -0.2599500844 -0.2616244321
## 4310 2014-07-01 -0.2604754163 -2.566126e-01 -0.2567966797 -0.2533300302
## 4311 2014-07-02 -0.2524807216 -2.527766e-01 -0.2495637383 -0.2528286712
## 4312 2014-07-03 -0.2507053667 -2.511172e-01 -0.2479980894 -0.2477714030
## 4313 2014-07-07 -0.2477972114 -2.519253e-01 -0.2486155336 -0.2520657382
## 4314 2014-07-08 -0.2525896472 -2.560308e-01 -0.2608762496 -0.2626816674
## 4315 2014-07-09 -0.2617279799 -2.598452e-01 -0.2589467296 -0.2559676815
## 4316 2014-07-10 -0.2621309753 -2.600823e-01 -0.2594980210 -0.2582020296
## 4317 2014-07-11 -0.2508360653 -2.417425e-01 -0.2462008749 -0.2382780691
## 4318 2014-07-14 -0.2374172179 -2.322924e-01 -0.2344583739 -0.2283378925
## 4319 2014-07-15 -0.2301305249 -2.324864e-01 -0.2300039291 -0.2292970383
## 4320 2014-07-16 -0.2280610676 -2.284671e-01 -0.2260346242 -0.2277057460
## 4321 2014-07-17 -0.2304354974 -2.310102e-01 -0.2278208029 -0.2314659926
## 4322 2014-07-18 -0.2293898823 -2.280792e-01 -0.2270490147 -0.2246975221
## 4323 2014-07-21 -0.2253598608 -2.258918e-01 -0.2219330148 -0.2234985900
## 4324 2014-07-22 -0.2284640630 -2.245772e-01 -0.2235538127 -0.2223214785
## 4325 2014-07-23 -0.2243251486 -2.270556e-01 -0.2220432797 -0.2252642748
## 4326 2014-07-24 -0.2233121755 -2.225083e-01 -0.2199483788 -0.2247520394

```

```

## 4327 2014-07-25 -0.2697988919 -2.655886e-01 -0.2681973822 -0.2624636679
## 4328 2014-07-28 -0.2622289982 -2.656424e-01 -0.2662788991 -0.2663874306
## 4329 2014-07-29 -0.2647014508 -2.677113e-01 -0.2629711504 -0.2668343071
## 4330 2014-07-30 -0.2652787212 -2.678945e-01 -0.2640737333 -0.2640985663
## 4331 2014-07-31 -0.2668471590 -2.701035e-01 -0.2713949001 -0.2744747431
## 4332 2014-08-01 -0.2737308578 -2.753296e-01 -0.2794106655 -0.2809380326
## 4333 2014-08-04 -0.2790134429 -2.749524e-01 -0.2750995621 -0.2737553835
## 4334 2014-08-05 -0.2741556577 -2.767088e-01 -0.2733795350 -0.2752049792
## 4335 2014-08-06 -0.2768459617 -2.753835e-01 -0.2732251579 -0.2734937768
## 4336 2014-08-07 -0.2720752987 -2.752757e-01 -0.2738315984 -0.2761532148
## 4337 2014-08-08 -0.2756369428 -2.737240e-01 -0.2727179786 -0.2703221034
## 4338 2014-08-11 -0.2685136209 -2.704267e-01 -0.2658599121 -0.2686545082
## 4339 2014-08-12 -0.2680670480 -2.694246e-01 -0.2657827235 -0.2675754534
## 4340 2014-08-13 -0.2585802003 -2.582074e-01 -0.2556499836 -0.2599895337
## 4341 2014-08-14 -0.2583623816 -2.556536e-01 -0.2550215378 -0.2524363119
## 4342 2014-08-15 -0.2516093815 -2.546730e-01 -0.2532463618 -0.2519785251
## 4343 2014-08-18 -0.2499973661 -2.516559e-01 -0.2472373050 -0.2509975927
## 4344 2014-08-19 -0.2506617904 -2.538002e-01 -0.2480752448 -0.2503436268
## 4345 2014-08-20 -0.2508687389 -2.523455e-01 -0.2469616592 -0.2496351773
## 4346 2014-08-21 -0.2489081747 -2.529705e-01 -0.2489352583 -0.2527632774
## 4347 2014-08-22 -0.2527094757 -2.556644e-01 -0.2505119772 -0.2542019967
## 4348 2014-08-25 -0.2524698525 -2.527658e-01 -0.2484060406 -0.2515534690
## 4349 2014-08-26 -0.2483418071 -2.445872e-01 -0.2463772914 -0.2430411003
## 4350 2014-08-27 -0.2427978270 -2.420981e-01 -0.2388907449 -0.2415696852
## 4351 2014-08-28 -0.2450742327 -2.473565e-01 -0.2416913142 -0.2450138755
## 4352 2014-08-29 -0.2431572449 -2.473242e-01 -0.2429262015 -0.2460819873
## 4353 2014-09-02 -0.2450960046 -2.465915e-01 -0.2434995325 -0.2424416180
## 4354 2014-09-03 -0.2423076766 -2.457618e-01 -0.2430695428 -0.2461255944
## 4355 2014-09-04 -0.2410551141 -2.391779e-01 -0.2364209692 -0.2385505522
## 4356 2014-09-05 -0.2382123396 -2.419257e-01 -0.2376117443 -0.2380818890
## 4357 2014-09-08 -0.2401292937 -2.430248e-01 -0.2414266712 -0.2424852251
## 4358 2014-09-09 -0.2433206508 -2.473888e-01 -0.2522981559 -0.2562074677
## 4359 2014-09-10 -0.2512826371 -2.546946e-01 -0.2526950703 -0.2544853889
## 4360 2014-09-11 -0.2560314966 -2.568173e-01 -0.2553743379 -0.2553682319
## 4361 2014-09-12 -0.2564453937 -2.569466e-01 -0.2527281456 -0.2546379631
## 4362 2014-09-15 -0.2549749787 -2.586276e-01 -0.2635224419 -0.2625944543
## 4363 2014-09-16 -0.2656926194 -2.606211e-01 -0.2623095941 -0.2583764220
## 4364 2014-09-17 -0.2584059253 -2.622159e-01 -0.2607439452 -0.2624745781
## 4365 2014-09-18 -0.2609328582 -2.631856e-01 -0.2583292865 -0.2613846459
## 4366 2014-09-19 -0.2585802003 -2.570867e-01 -0.2562784647 -0.2544962665
## 4367 2014-09-22 -0.2576108373 -2.606103e-01 -0.2612511234 -0.2619296120
## 4368 2014-09-23 -0.2641786607 -2.626469e-01 -0.2610416304 -0.2628778476
## 4369 2014-09-24 -0.2623161193 -2.606642e-01 -0.2629049977 -0.2578859732
## 4370 2014-09-25 -0.2581554330 -2.616340e-01 -0.2608762496 -0.2647307455
## 4371 2014-09-26 -0.2662045404 -2.670648e-01 -0.2650219381 -0.2633356344
## 4372 2014-09-29 -0.2663134661 -2.667954e-01 -0.2635224419 -0.2648506228
## 4373 2014-09-30 -0.2653767778 -2.671402e-01 -0.2640626965 -0.2641748703
## 4374 2014-10-01 -0.2646361015 -2.684979e-01 -0.2673263660 -0.2696027449
## 4375 2014-10-02 -0.2702127574 -2.724202e-01 -0.2720013064 -0.2685672950
## 4376 2014-10-03 -0.2664659693 -2.652761e-01 -0.2629380741 -0.2638479037

```

```

## 4377 2014-10-06 -0.2630458918 -2.663859e-01 -0.2628608855 -0.2644364431
## 4378 2014-10-07 -0.2674789086 -2.686811e-01 -0.2660914456 -0.2701258905
## 4379 2014-10-08 -0.2705831108 -2.664075e-01 -0.2688809781 -0.2638914770
## 4380 2014-10-09 -0.2652351775 -2.683902e-01 -0.2684620253 -0.2718806989
## 4381 2014-10-10 -0.2733714387 -2.732392e-01 -0.2719241179 -0.2762186074
## 4382 2014-10-13 -0.2778915768 -2.781635e-01 -0.2806455528 -0.2816028760
## 4383 2014-10-14 -0.2799283593 -2.791980e-01 -0.2781316650 -0.2795756173
## 4384 2014-10-15 -0.2839039016 -2.838745e-01 -0.2854638345 -0.2821260555
## 4385 2014-10-16 -0.2953622164 -2.850382e-01 -0.2912744672 -0.2855157622
## 4386 2014-10-17 -0.2808541786 -2.824737e-01 -0.2814724900 -0.2846655824
## 4387 2014-10-20 -0.2854287631 -2.853507e-01 -0.2822443112 -0.2818644826
## 4388 2014-10-21 -0.2778589021 -2.755343e-01 -0.2766762478 -0.2719243049
## 4389 2014-10-22 -0.2718356744 -2.719353e-01 -0.2705348524 -0.2744965298
## 4390 2014-10-23 -0.2740467320 -2.742844e-01 -0.2719020783 -0.2742676527
## 4391 2014-10-24 -0.3056332842 -2.990571e-01 -0.3021128425 -0.3027366776
## 4392 2014-10-27 -0.3042173157 -3.027100e-01 -0.3009882201 -0.2995649715
## 4393 2014-10-28 -0.2997952006 -2.945422e-01 -0.2957619541 -0.2934395577
## 4394 2014-10-29 -0.2896112877 -2.928074e-01 -0.2921124081 -0.2950417592
## 4395 2014-10-30 -0.2951988116 -2.926673e-01 -0.2928952662 -0.2896465815
## 4396 2014-10-31 -0.2830325615 -2.862236e-01 -0.2828176422 -0.2826819318
## 4397 2014-11-03 -0.2818453472 -2.837560e-01 -0.2808991590 -0.2823985386
## 4398 2014-11-04 -0.2842960280 -2.878075e-01 -0.2842840631 -0.2855702447
## 4399 2014-11-05 -0.2853634138 -2.880769e-01 -0.2909105961 -0.2924259283
## 4400 2014-11-06 -0.2922471125 -2.956197e-01 -0.2929724205 -0.2922951081
## 4401 2014-11-07 -0.2910163207 -2.923979e-01 -0.2885620890 -0.2887855590
## 4402 2014-11-10 -0.2886418910 -2.861374e-01 -0.2844715165 -0.2830634147
## 4403 2014-11-11 -0.2821720915 -2.790471e-01 -0.2804470956 -0.2755428549
## 4404 2014-11-12 -0.2769330828 -2.788316e-01 -0.2747798031 -0.2760878210
## 4405 2014-11-13 -0.2755715935 -2.731098e-01 -0.2717807766 -0.2706708567
## 4406 2014-11-14 -0.2699949387 -2.569574e-01 -0.2663891640 -0.2583110293
## 4407 2014-11-17 -0.2598436667 -2.622159e-01 -0.2645919484 -0.2635100269
## 4408 2014-11-18 -0.2625121988 -2.605349e-01 -0.2588364647 -0.2614609488
## 4409 2014-11-19 -0.2589614238 -2.617848e-01 -0.2579874880 -0.2597061404
## 4410 2014-11-20 -0.2625012960 -2.571837e-01 -0.2587482724 -0.2553464114
## 4411 2014-11-21 -0.2500627154 -2.510848e-01 -0.2497732323 -0.2530684574
## 4412 2014-11-24 -0.2507598132 -2.520977e-01 -0.2474247253 -0.2497877504
## 4413 2014-11-25 -0.2502261203 -2.532399e-01 -0.2499827253 -0.2504417163
## 4414 2014-11-26 -0.2518490047 -2.550502e-01 -0.2494645102 -0.2520439189
## 4415 2014-11-28 -0.2493983239 -2.479276e-01 -0.2447454566 -0.2465179537
## 4416 2014-12-01 -0.2471219181 -2.485957e-01 -0.2558815503 -0.2602947136
## 4417 2014-12-02 -0.2586891259 -2.622913e-01 -0.2588364647 -0.2599568368
## 4418 2014-12-03 -0.2606169828 -2.635412e-01 -0.2686384430 -0.2706490700
## 4419 2014-12-04 -0.2717267488 -2.723556e-01 -0.2696197241 -0.2701804068
## 4420 2014-12-05 -0.2703434876 -2.741443e-01 -0.2725195225 -0.2748671024
## 4421 2014-12-08 -0.2760399382 -2.745430e-01 -0.2791570593 -0.2813957856
## 4422 2014-12-09 -0.2853852194 -2.776894e-01 -0.2832145555 -0.2750087990
## 4423 2014-12-10 -0.2755715935 -2.781743e-01 -0.2793114364 -0.2822677521
## 4424 2014-12-11 -0.2800481541 -2.787669e-01 -0.2778449824 -0.2806110671
## 4425 2014-12-12 -0.2842960280 -2.809220e-01 -0.2811527310 -0.2806546404
## 4426 2014-12-15 -0.2789807682 -2.806850e-01 -0.2821009699 -0.2820170557

```

```

## 4427 2014-12-16 -0.2839039016 -2.875489e-01 -0.2899733940 -0.2940172196
## 4428 2014-12-17 -0.2925956614 -2.927427e-01 -0.2921565202 -0.2898536708
## 4429 2014-12-18 -0.2842742223 -2.875382e-01 -0.2919139509 -0.2911070863
## 4430 2014-12-19 -0.2920074882 -2.907277e-01 -0.2894110999 -0.2887419519
## 4431 2014-12-22 -0.2865288574 -2.844564e-01 -0.2823325035 -0.2815047854
## 4432 2014-12-23 -0.2810393226 -2.843163e-01 -0.2808881221 -0.2817772685
## 4433 2014-12-24 -0.2816928440 -2.848443e-01 -0.2812960723 -0.2853304585
## 4434 2014-12-26 -0.2831959337 -2.807712e-01 -0.2802706779 -0.2787254723
## 4435 2014-12-29 -0.2800917315 -2.770106e-01 -0.2772165355 -0.2755101580
## 4436 2014-12-30 -0.2778479993 -2.773661e-01 -0.2741733969 -0.2774066630
## 4437 2014-12-31 -0.2760617427 -2.784006e-01 -0.2734346509 -0.2773521468
## 4438 2015-01-02 -0.2749398766 -2.764933e-01 -0.2767975496 -0.2793467413
## 4439 2015-01-05 -0.2810066480 -2.833573e-01 -0.2835343144 -0.2862459983
## 4440 2015-01-06 -0.2862021130 -2.891545e-01 -0.2928731925 -0.2937665232
## 4441 2015-01-07 -0.2913648696 -2.910079e-01 -0.2896205928 -0.2903550309
## 4442 2015-01-08 -0.2882933421 -2.890036e-01 -0.2887605804 -0.2881315931
## 4443 2015-01-09 -0.2870298756 -2.892946e-01 -0.2881320993 -0.2919790517
## 4444 2015-01-12 -0.2912995203 -2.939926e-01 -0.2962912060 -0.2979954658
## 4445 2015-01-13 -0.2913866415 -2.907708e-01 -0.2919359904 -0.2943660066
## 4446 2015-01-14 -0.2974316737 -2.967943e-01 -0.2993563853 -0.2959682081
## 4447 2015-01-15 -0.2951770397 -2.966973e-01 -0.2990035510 -0.3028565549
## 4448 2015-01-16 -0.3035855988 -3.023113e-01 -0.3007346139 -0.2987257356
## 4449 2015-01-20 -0.2967128040 -2.995420e-01 -0.2994776529 -0.3001426345
## 4450 2015-01-21 -0.2999258981 -2.859218e-01 -0.2985184113 -0.2916302658
## 4451 2015-01-22 -0.2886418910 -2.791872e-01 -0.2844715165 -0.2773848437
## 4452 2015-01-23 -0.2798412382 -2.741443e-01 -0.2759595756 -0.2751286752
## 4453 2015-01-26 -0.2757676403 -2.783790e-01 -0.2761801054 -0.2781042022
## 4454 2015-01-27 -0.2817799979 -2.813531e-01 -0.2815717180 -0.2812759094
## 4455 2015-01-28 -0.2779569250 -2.799846e-01 -0.2802817148 -0.2843713127
## 4456 2015-01-29 -0.2834900034 -2.785945e-01 -0.2852102613 -0.2757935513
## 4457 2015-01-30 -0.2381905351 -2.282732e-01 -0.2395523012 -0.2291989477
## 4458 2015-02-02 -0.2341278717 -2.223467e-01 -0.2293313359 -0.2183650190
## 4459 2015-02-03 -0.2229745283 -2.193080e-01 -0.2180850116 -0.2193677708
## 4460 2015-02-04 -0.2250548883 -2.196528e-01 -0.2202681036 -0.2180598390
## 4461 2015-02-05 -0.2167552549 -2.074766e-01 -0.2118113117 -0.2080978419
## 4462 2015-02-06 -0.2070941321 -2.105045e-01 -0.2061770956 -0.2076727858
## 4463 2015-02-09 -0.2113092976 -2.122070e-01 -0.2103779341 -0.2117273348
## 4464 2015-02-10 -0.2111023490 -2.123255e-01 -0.2089335528 -0.2090678980
## 4465 2015-02-11 -0.2110587716 -2.093084e-01 -0.2060778675 -0.2067354266
## 4466 2015-02-12 -0.2068436061 -2.077891e-01 -0.2038175859 -0.2045228663
## 4467 2015-02-13 -0.2032383846 -2.029509e-01 -0.1995615983 -0.1994438104
## 4468 2015-02-17 -0.2039899299 -2.061943e-01 -0.2043468047 -0.2064193702
## 4469 2015-02-18 -0.2082813464 -2.096963e-01 -0.2041483475 -0.2086646285
## 4470 2015-02-19 -0.2085972218 -2.041577e-01 -0.2035088638 -0.2025283045
## 4471 2015-02-20 -0.2030096642 -2.021966e-01 -0.2008516357 -0.1974492158
## 4472 2015-02-23 -0.1977597537 -2.012915e-01 -0.1984700523 -0.2012857654
## 4473 2015-02-24 -0.2029769895 -2.056663e-01 -0.2004988004 -0.2029751811
## 4474 2015-02-25 -0.2044800792 -1.977248e-01 -0.2000798134 -0.1955854415
## 4475 2015-02-26 -0.1970735576 -1.960869e-01 -0.1926484159 -0.1962067105
## 4476 2015-02-27 -0.1971498087 -1.997290e-01 -0.1964964191 -0.2012639787

```

```

## 4477 2015-03-02 -0.2005807552 -1.998260e-01 -0.1968382175 -0.1952693513
## 4478 2015-03-03 -0.1972042552 -1.996105e-01 -0.1945007474 -0.1964138009
## 4479 2015-03-04 -0.1952873011 -1.976709e-01 -0.1938502279 -0.1984737554
## 4480 2015-03-05 -0.1953962268 -1.971106e-01 -0.1919758227 -0.1929042169
## 4481 2015-03-06 -0.1954942496 -1.986407e-01 -0.1974997739 -0.2013402827
## 4482 2015-03-09 -0.2032492874 -2.069055e-01 -0.2014690788 -0.2030078768
## 4483 2015-03-10 -0.2042839996 -2.085865e-01 -0.2081948410 -0.2128717506
## 4484 2015-03-11 -0.2117340986 -2.133492e-01 -0.2114143642 -0.2162941542
## 4485 2015-03-12 -0.2136837274 -2.110325e-01 -0.2100251330 -0.2077163929
## 4486 2015-03-13 -0.2107429300 -2.126596e-01 -0.2109512982 -0.2117055482
## 4487 2015-03-16 -0.2119845909 -2.127134e-01 -0.2109071860 -0.2086864151
## 4488 2015-03-17 -0.2111895029 -2.121100e-01 -0.2076876286 -0.2102450106
## 4489 2015-03-18 -0.2124311637 -2.105045e-01 -0.2109292256 -0.2067354266
## 4490 2015-03-19 -0.2081833236 -2.092976e-01 -0.2048760566 -0.2088063251
## 4491 2015-03-20 -0.2055474650 -2.068624e-01 -0.2007634104 -0.2030841808
## 4492 2015-03-23 -0.2036087064 -2.042763e-01 -0.2018439537 -0.2067681573
## 4493 2015-03-24 -0.2080526260 -2.113127e-01 -0.2047878643 -0.2078798762
## 4494 2015-03-25 -0.2067673551 -2.056448e-01 -0.2069709564 -0.2112913696
## 4495 2015-03-26 -0.2128450619 -2.154504e-01 -0.2120869574 -0.2152260086
## 4496 2015-03-27 -0.2155462687 -2.135431e-01 -0.2110725669 -0.2117273348
## 4497 2015-03-30 -0.2103617065 -2.103644e-01 -0.2055817251 -0.2073349101
## 4498 2015-03-31 -0.2088695196 -2.086619e-01 -0.2056258042 -0.2100488305
## 4499 2015-04-01 -0.2101111805 -2.135539e-01 -0.2091210073 -0.2120543014
## 4500 2015-04-02 -0.2118538933 -2.134246e-01 -0.2083932982 -0.2098853472
## 4501 2015-04-06 -0.2122895634 -2.059680e-01 -0.2079963849 -0.2046645619
## 4502 2015-04-07 -0.2056999681 -2.069270e-01 -0.2028473074 -0.2075310891
## 4503 2015-04-08 -0.2073228525 -2.044810e-01 -0.2021637116 -0.2001304405
## 4504 2015-04-09 -0.2007877038 -2.014208e-01 -0.1975879993 -0.1975800023
## 4505 2015-04-10 -0.1968121615 -1.985114e-01 -0.1948094695 -0.1985500583
## 4506 2015-04-13 -0.1976617297 -2.004941e-01 -0.1961105084 -0.1988661485
## 4507 2015-04-14 -0.1976835016 -1.977679e-01 -0.1949307712 -0.1958688348
## 4508 2015-04-15 -0.1964418408 -1.999553e-01 -0.1944566341 -0.1976780929
## 4509 2015-04-16 -0.1974874558 -1.981558e-01 -0.1923507306 -0.1948551716
## 4510 2015-04-17 -0.1986419955 -2.023475e-01 -0.2024393573 -0.2062776736
## 4511 2015-04-20 -0.2030859152 -1.933176e-01 -0.1995726352 -0.1910731057
## 4512 2015-04-21 -0.1891878213 -1.904514e-01 -0.1887673363 -0.1892529373
## 4513 2015-04-22 -0.1885342999 -1.907962e-01 -0.1874442236 -0.1907570493
## 4514 2015-04-23 -0.1903859395 -1.933823e-01 -0.1894840085 -0.1905499600
## 4515 2015-04-24 -0.1372442786 -1.278999e-01 -0.1312124970 -0.1304837763
## 4516 2015-04-27 -0.1319508245 -1.339988e-01 -0.1329655994 -0.1376119419
## 4517 2015-04-28 -0.1377779715 -1.426084e-01 -0.1432967954 -0.1476938152
## 4518 2015-04-29 -0.1505868739 -1.477375e-01 -0.1455129980 -0.1476284226
## 4519 2015-04-30 -0.1501947813 -1.504206e-01 -0.1529995456 -0.1559010040
## 4520 2015-05-01 -0.1537781973 -1.570044e-01 -0.1565719031 -0.1547129822
## 4521 2015-05-04 -0.1527108103 -1.525541e-01 -0.1494933067 -0.1545276785
## 4522 2015-05-05 -0.1548347141 -1.549894e-01 -0.1510369492 -0.1565440607
## 4523 2015-05-06 -0.1563813801 -1.601508e-01 -0.1581706615 -0.1588220148
## 4524 2015-05-07 -0.1534187782 -1.539226e-01 -0.1490192038 -0.1503423430
## 4525 2015-05-08 -0.1462301081 -1.467030e-01 -0.1409482895 -0.1429199076
## 4526 2015-05-11 -0.1443131202 -1.426084e-01 -0.1396252099 -0.1438354464

```

```

## 4527 2015-05-12 -0.1458706891 -1.488043e-01 -0.1447632505 -0.1458300409
## 4528 2015-05-13 -0.1470687735 -1.485026e-01 -0.1457666042 -0.1503532532
## 4529 2015-05-14 -0.1476460439 -1.490737e-01 -0.1444324547 -0.1444567154
## 4530 2015-05-15 -0.1492253846 -1.518753e-01 -0.1474204785 -0.1513014888
## 4531 2015-05-18 -0.1514037675 -1.552480e-01 -0.1505518106 -0.1521298482
## 4532 2015-05-19 -0.1526345593 -1.542028e-01 -0.1514669389 -0.1559773080
## 4533 2015-05-20 -0.1572853948 -1.554312e-01 -0.1539698241 -0.1536339602
## 4534 2015-05-21 -0.1492253846 -1.448712e-01 -0.1433409086 -0.1451651648
## 4535 2015-05-22 -0.1453587680 -1.496771e-01 -0.1437709325 -0.1495248938
## 4536 2015-05-26 -0.1511859162 -1.555389e-01 -0.1499564059 -0.1518791518
## 4537 2015-05-27 -0.1498244268 -1.503128e-01 -0.1466376204 -0.1453940419
## 4538 2015-05-28 -0.1473628770 -1.508516e-01 -0.1461304422 -0.1506802198
## 4539 2015-05-29 -0.1500640500 -1.496124e-01 -0.1441898853 -0.1477809957
## 4540 2015-06-01 -0.1466113316 -1.489012e-01 -0.1453255446 -0.1459390080
## 4541 2015-06-02 -0.1469707507 -1.488258e-01 -0.1452704287 -0.1458627378
## 4542 2015-06-03 -0.1422545658 -1.432657e-01 -0.1381036400 -0.1397591107
## 4543 2015-06-04 -0.1422545658 -1.450221e-01 -0.1419516432 -0.1460916137
## 4544 2015-06-05 -0.1474173224 -1.514443e-01 -0.1449947829 -0.1502660401
## 4545 2015-06-08 -0.1518176657 -1.557544e-01 -0.1505848858 -0.1540263194
## 4546 2015-06-09 -0.1547149193 -1.550109e-01 -0.1531097764 -0.1518682416
## 4547 2015-06-10 -0.1509027493 -1.499357e-01 -0.1459209481 -0.1461025240
## 4548 2015-06-11 -0.1445527435 -1.427269e-01 -0.1395149450 -0.1437046599
## 4549 2015-06-12 -0.1456855124 -1.497633e-01 -0.1430542261 -0.1470289402
## 4550 2015-06-15 -0.1495957053 -1.544075e-01 -0.1492507363 -0.1538410168
## 4551 2015-06-16 -0.1534187782 -1.544937e-01 -0.1492176610 -0.1499281633
## 4552 2015-06-17 -0.1488332920 -1.508516e-01 -0.1469243030 -0.1493287136
## 4553 2015-06-18 -0.1467202573 -1.418218e-01 -0.1417862624 -0.1367072797
## 4554 2015-06-19 -0.1358718865 -1.361539e-01 -0.1375633854 -0.1415792790
## 4555 2015-06-22 -0.1394226615 -1.423498e-01 -0.1365269542 -0.1400860762
## 4556 2015-06-23 -0.1409584258 -1.339449e-01 -0.1370672099 -0.1295137541
## 4557 2015-06-24 -0.1307418045 -1.345591e-01 -0.1298563080 -0.1351268986
## 4558 2015-06-25 -0.1382572190 -1.377918e-01 -0.1340902218 -0.1359334376
## 4559 2015-06-26 -0.1342380993 -1.377702e-01 -0.1355566757 -0.1381133021
## 4560 2015-06-29 -0.1416228163 -1.447635e-01 -0.1422383258 -0.1470943667
## 4561 2015-06-30 -0.1424723845 -1.463044e-01 -0.1406285647 -0.1424839413
## 4562 2015-07-01 -0.1368630550 -1.415308e-01 -0.1349833448 -0.1388871441
## 4563 2015-07-02 -0.1394226615 -1.434704e-01 -0.1372987424 -0.1385383920
## 4564 2015-07-06 -0.1413505184 -1.418218e-01 -0.1372546633 -0.1403585592
## 4565 2015-07-07 -0.1408604019 -1.439769e-01 -0.1460201773 -0.1396174140
## 4566 2015-07-08 -0.1423090123 -1.458518e-01 -0.1424257792 -0.1472687264
## 4567 2015-07-09 -0.1417099701 -1.429101e-01 -0.1365600306 -0.1421569409
## 4568 2015-07-10 -0.1356213942 -1.364448e-01 -0.1312124970 -0.1322167642
## 4569 2015-07-13 -0.1271256802 -1.222751e-01 -0.1217964294 -0.1190721846
## 4570 2015-07-14 -0.1118443262 -1.096355e-01 -0.1100870047 -0.1081728621
## 4571 2015-07-15 -0.1110601062 -1.149155e-01 -0.1078377269 -0.1129467708
## 4572 2015-07-16 -0.1083807050 -1.028685e-01 -0.1027658721 -0.0973716292
## 4573 2015-07-17 -0.0950925562 -9.258874e-02 -0.0890387021 -0.0891644404
## 4574 2015-07-20 -0.0788962847 -8.420545e-02 -0.0800526583 -0.0836166896
## 4575 2015-07-21 -0.0839828229 -8.886045e-02 -0.0831950261 -0.0837256894
## 4576 2015-07-22 -0.0860631830 -8.495974e-02 -0.0806039497 -0.0834314197

```

```

## 4577 2015-07-23 -0.0798874522 -8.586487e-02 -0.0907476923 -0.0900691027
## 4578 2015-07-24  0.0152316224  9.939635e-03 -0.0315941608 -0.0385807142
## 4579 2015-07-27 -0.0405785369 -2.844250e-02 -0.0346262637 -0.0364117599
## 4580 2015-07-28 -0.0315927074 -3.766628e-02 -0.0384632312 -0.0422755344
## 4581 2015-07-29 -0.0371258185 -4.135153e-02 -0.0363682962 -0.0390384672
## 4582 2015-07-30 -0.0406874299 -3.463839e-02 -0.0371732280 -0.0305805821
## 4583 2015-07-31 -0.0282270764 -3.071611e-02 -0.0258937589 -0.0312454255
## 4584 2015-08-03 -0.0300133667 -3.330224e-02 -0.0315831251 -0.0324661442
## 4585 2015-08-04 -0.0384655033 -3.706286e-02 -0.0318036549 -0.0358776375
## 4586 2015-08-05 -0.0285429844 -3.470304e-02 -0.0263348196 -0.0303080990
## 4587 2015-08-06 -0.0279983886 -3.082390e-02 -0.0336118390 -0.0385370744
## 4588 2015-08-07 -0.0390428063 -4.513366e-02 -0.0438768833 -0.0459922404
## 4589 2015-08-10 -0.0397398377 -4.209498e-02 -0.0385955356 -0.0444881285
## 4590 2015-08-11 -0.0450441957 -4.565093e-02 -0.0396981185 -0.0407169389
## 4591 2015-08-12 -0.0449353027 -4.724567e-02 -0.0495552116 -0.0424063873
## 4592 2015-08-13 -0.0409924351 -3.953048e-02 -0.0358501153 -0.0383191414
## 4593 2015-08-14 -0.0400339411 -4.012312e-02 -0.0328069755 -0.0362918162
## 4594 2015-08-17 -0.0367228231 -3.513408e-02 -0.0340528997 -0.0322591202
## 4595 2015-08-18 -0.0326383551 -3.432592e-02 -0.0275697069 -0.0324770533
## 4596 2015-08-19 -0.0340542909 -3.673961e-02 -0.0319800384 -0.0347659513
## 4597 2015-08-20 -0.0377030551 -4.104979e-02 -0.0465671877 -0.0534473399
## 4598 2015-08-21 -0.0627871670 -6.359201e-02 -0.0700522239 -0.0766738267
## 4599 2015-08-24 -0.1104719668 -1.021143e-01 -0.1179815025 -0.1105707261
## 4600 2015-08-25 -0.0844293958 -8.825703e-02 -0.1011671137 -0.1073009294
## 4601 2015-08-26 -0.0882088912 -7.286969e-02 -0.0873737909 -0.0698072666
## 4602 2015-08-27 -0.0558707610 -5.242866e-02 -0.0559501790 -0.0506244525
## 4603 2015-08-28 -0.0517427493 -5.371094e-02 -0.0495772853 -0.0510168117
## 4604 2015-08-31 -0.0528972901 -5.596304e-02 -0.0539545073 -0.0565972594
## 4605 2015-09-01 -0.0717402881 -6.610271e-02 -0.0711989189 -0.0744176582
## 4606 2015-09-02 -0.0652596196 -6.517603e-02 -0.0664688296 -0.0591477303
## 4607 2015-09-03 -0.0550103237 -5.980982e-02 -0.0611212960 -0.0655020211
## 4608 2015-09-04 -0.0733632062 -7.380715e-02 -0.0687621865 -0.0717364347
## 4609 2015-09-08 -0.0613385238 -5.710523e-02 -0.0545719504 -0.0515291148
## 4610 2015-09-09 -0.0446630048 -4.460568e-02 -0.0473500458 -0.0522375304
## 4611 2015-09-10 -0.0543023231 -4.872190e-02 -0.0476587349 -0.0464064201
## 4612 2015-09-11 -0.0478543282 -4.515523e-02 -0.0412307252 -0.0385588949
## 4613 2015-09-14 -0.0387378011 -4.191181e-02 -0.0434689332 -0.0473437455
## 4614 2015-09-15 -0.0454798984 -4.679312e-02 -0.0449905031 -0.0462647235
## 4615 2015-09-16 -0.0468631934 -4.638365e-02 -0.0435350848 -0.0407932418
## 4616 2015-09-17 -0.0414172361 -2.626591e-02 -0.0346593070 -0.0282808414
## 4617 2015-09-18 -0.0330957970 -2.705249e-02 -0.0293889951 -0.0267658192
## 4618 2015-09-21 -0.0225197240 -2.323794e-02 -0.0203036560 -0.0179046646
## 4619 2015-09-22 -0.0275517831 -2.995109e-02 -0.0279446148 -0.0287930779
## 4620 2015-09-23 -0.0290875801 -3.247251e-02 -0.0264671240 -0.0313326386
## 4621 2015-09-24 -0.0375288139 -3.963821e-02 -0.0387388769 -0.0338612890
## 4622 2015-09-25 -0.0244367119 -3.075925e-02 -0.0403596418 -0.0442156454
## 4623 2015-09-28 -0.0489979650 -5.502552e-02 -0.0702066009 -0.0662213797
## 4624 2015-09-29 -0.0642684510 -6.450793e-02 -0.0744294790 -0.0749299285
## 4625 2015-09-30 -0.0648783961 -6.308559e-02 -0.0621136140 -0.0576871916
## 4626 2015-10-01 -0.0588224938 -5.446524e-02 -0.0573394445 -0.0480631378

```

## 4627	2015-10-02	-0.0566550137	-4.175022e-02	-0.0550240138	-0.0351801310
## 4628	2015-10-05	-0.0305144187	-2.740810e-02	-0.0242619583	-0.0230382694
## 4629	2015-10-06	-0.0212453885	-2.138460e-02	-0.0272058358	-0.0297958636
## 4630	2015-10-07	-0.0252863128	-3.162127e-02	-0.0319800384	-0.0249347417
## 4631	2015-10-08	-0.0308193575	-3.443365e-02	-0.0420245518	-0.0345043785
## 4632	2015-10-09	-0.0332483002	-3.184758e-02	-0.0305797361	-0.0272672120
## 4633	2015-10-12	-0.0272794852	-2.211732e-02	-0.0200721566	-0.0159428007
## 4634	2015-10-13	-0.0204175921	-1.955276e-02	-0.0164336463	-0.0173487893
## 4635	2015-10-14	-0.0148844810	-2.057644e-02	-0.0202044610	-0.0217848212
## 4636	2015-10-15	-0.0187947078	-8.992834e-03	-0.0121335466	-0.0025911307
## 4637	2015-10-16	0.0002879483	-4.371261e-04	0.0025418292	0.0064771144
## 4638	2015-10-19	0.0062675985	8.247883e-03	0.0103370978	0.0090820677
## 4639	2015-10-20	0.0076181851	1.782614e-03	-0.0030041285	-0.0042914217
## 4640	2015-10-21	-0.0012369469	-6.568358e-03	-0.0060472671	-0.0098609591
## 4641	2015-10-22	-0.0025112824	-2.365908e-03	-0.0014715890	-0.0009889619
## 4642	2015-10-23	0.0573724431	5.183458e-02	0.0411873446	0.0372895197
## 4643	2015-10-26	0.0406206731	4.149011e-02	0.0422127389	0.0477310227
## 4644	2015-10-27	0.0474825662	4.672703e-02	0.0524006609	0.0503468874
## 4645	2015-10-28	0.0515125877	4.944240e-02	0.0567778830	0.0569845377
## 4646	2015-10-29	0.0573942477	6.055188e-02	0.0632721126	0.0672844105
## 4647	2015-10-30	0.0664454265	6.397847e-02	0.0741766727	0.0665759938
## 4648	2015-11-02	0.0676653155	6.172644e-02	0.0688070324	0.0692462755
## 4649	2015-11-03	0.0702794011	6.308415e-02	0.0705601689	0.0659329054
## 4650	2015-11-04	0.0683515115	8.036795e-02	0.0764589608	0.0829794611
## 4651	2015-11-05	0.0894164373	9.229637e-02	0.0938136715	0.0990014782
## 4652	2015-11-06	0.0980210759	9.796427e-02	0.1036376551	0.1030559945
## 4653	2015-11-09	0.1019966509	9.764102e-02	0.0990619097	0.0988270520
## 4654	2015-11-10	0.0936752129	9.552901e-02	0.0984114233	0.1033938714
## 4655	2015-11-11	0.1070069054	1.127266e-01	0.1160417124	0.1181842596
## 4656	2015-11-12	0.1176265221	1.123818e-01	0.1171111859	0.1098462517
## 4657	2015-11-13	0.1073554543	1.030718e-01	0.0909028361	0.0845053270
## 4658	2015-11-16	0.0826852417	8.474278e-02	0.0708798937	0.0904563810
## 4659	2015-11-17	0.0932831192	8.825558e-02	0.0915092435	0.0855407757
## 4660	2015-11-18	0.0887738513	1.007874e-01	0.0974301080	0.1076009935
## 4661	2015-11-19	0.1089020877	1.093862e-01	0.1113557352	0.1051268931
## 4662	2015-11-20	0.1121152155	1.050868e-01	0.1097790494	0.1129525979
## 4663	2015-11-23	0.1159927349	1.200647e-01	0.1236164513	0.1244404598
## 4664	2015-11-24	0.1188682167	1.125542e-01	0.1137924676	0.1158954280
## 4665	2015-11-25	0.1198049050	1.167567e-01	0.1248513386	0.1204622474
## 4666	2015-11-27	0.1261222024	1.181467e-01	0.1257995444	0.1181951698
## 4667	2015-11-30	0.1207852035	1.184699e-01	0.1175301729	0.1089743190
## 4668	2015-12-01	0.1184434157	1.181574e-01	0.1211246029	0.1245167638
## 4669	2015-12-02	0.1263400538	1.222737e-01	0.1281701241	0.1211924835
## 4670	2015-12-03	0.1246409173	1.200862e-01	0.1140901187	0.1105547339
## 4671	2015-12-04	0.1100021819	1.114552e-01	0.1140019606	0.1175194173
## 4672	2015-12-07	0.1195217044	1.121879e-01	0.1130096095	0.1144567098
## 4673	2015-12-08	0.1068762079	1.170691e-01	0.1122267514	0.1226312017
## 4674	2015-12-09	0.1230724794	1.160024e-01	0.1076951524	0.1089634088
## 4675	2015-12-10	0.1095556428	1.047205e-01	0.1119731794	0.1062713078
## 4676	2015-12-11	0.0939148023	9.324462e-02	0.0899876736	0.0821075283

## 4677	2015-12-14	0.0835892891	9.400970e-02	0.0851914657	0.1014646695
## 4678	2015-12-15	0.1089456978	1.079208e-01	0.1095364470	0.1022603658
## 4679	2015-12-16	0.1073445526	1.142244e-01	0.1117085695	0.1209309107
## 4680	2015-12-17	0.1252508623	1.197738e-01	0.1242008522	0.1153504619
## 4681	2015-12-18	0.1128885654	1.136749e-01	0.1170119909	0.1082549932
## 4682	2015-12-21	0.1127251606	1.061967e-01	0.1112785467	0.1086582627
## 4683	2015-12-22	0.1109062293	1.046774e-01	0.1116424178	0.1071759701
## 4684	2015-12-23	0.1105467776	1.026408e-01	0.1087426193	0.1077754197
## 4685	2015-12-24	0.1071157984	1.005719e-01	0.1131198414	0.1067835443
## 4686	2015-12-28	0.1095229355	1.122310e-01	0.1185225239	0.1203096406
## 4687	2015-12-29	0.1230506738	1.347947e-01	0.1321835423	0.1407676242
## 4688	2015-12-30	0.1382013651	1.337711e-01	0.1415444598	0.1354269954
## 4689	2015-12-31	0.1318731649	1.254309e-01	0.1299783765	0.1210616971
## 4690	2016-01-04	0.0994261089	9.307218e-02	0.0766354116	0.0786633054
## 4691	2016-01-05	0.0891550411	8.142392e-02	0.0767897886	0.0751755091
## 4692	2016-01-06	0.0620777579	7.375181e-02	0.0686968016	0.0739330365
## 4693	2016-01-07	0.0618599065	6.320267e-02	0.0520478267	0.0470007866
## 4694	2016-01-08	0.0595290204	5.688827e-02	0.0529188429	0.0460307317
## 4695	2016-01-11	0.0517086334	5.226556e-02	0.0447266599	0.0576821096
## 4696	2016-01-12	0.0656176301	5.888170e-02	0.0597989490	0.0578456267
## 4697	2016-01-13	0.0608578689	5.337546e-02	0.0233254888	0.0185208526
## 4698	2016-01-14	0.0166040146	3.330080e-02	0.0130935550	0.0307171967
## 4699	2016-01-15	0.0078795801	1.430368e-02	0.0080437067	0.0058449351
## 4700	2016-01-19	0.0131621990	1.363561e-02	0.0093117035	0.0105316296
## 4701	2016-01-20	-0.0007032540	7.655246e-03	-0.0119350894	0.0075779568
## 4702	2016-01-21	0.0093391261	1.881859e-02	0.0112632300	0.0111202366
## 4703	2016-01-22	0.0258403363	3.098405e-02	0.0287832873	0.0344011731
## 4704	2016-01-25	0.0359262601	4.003545e-02	0.0403052926	0.0345646891
## 4705	2016-01-26	0.0418732694	3.572527e-02	0.0356965039	0.0397091377
## 4706	2016-01-27	0.0402830259	3.452922e-02	0.0229065691	0.0201993243
## 4707	2016-01-28	0.0472320729	7.188767e-02	0.0436020044	0.0768758012
## 4708	2016-01-29	0.0075963794	2.333351e-02	0.0132258595	0.0241776032
## 4709	2016-02-01	0.0143167387	1.126500e-02	0.0135676579	0.0108913269
## 4710	2016-02-02	0.0054398021	2.309474e-04	-0.0087265358	-0.0138610584
## 4711	2016-02-03	-0.0125318569	-1.653565e-02	-0.0398083503	-0.0367822998
## 4712	2016-02-04	-0.0435738134	-3.486469e-02	-0.0427633309	-0.0311255482
## 4713	2016-02-05	-0.0389120424	-4.514445e-02	-0.0648480316	-0.0683249413
## 4714	2016-02-08	-0.0855403591	-8.388220e-02	-0.0912879811	-0.0836166896
## 4715	2016-02-09	-0.0947549090	-7.862377e-02	-0.0926220964	-0.0901889800
## 4716	2016-02-10	-0.0797785265	-7.185679e-02	-0.0793911020	-0.0810226454
## 4717	2016-02-11	-0.0804211462	-6.685700e-02	-0.0815962677	-0.0664829536
## 4718	2016-02-12	-0.0591492381	-5.882928e-02	-0.0623121043	-0.0629297963
## 4719	2016-02-16	-0.0495861720	-5.053217e-02	-0.0510988210	-0.0476489581
## 4720	2016-02-17	-0.0395002482	-3.649180e-02	-0.0425758433	-0.0334798389
## 4721	2016-02-18	-0.0259398015	-3.248330e-02	-0.0377906722	-0.0433981962
## 4722	2016-02-19	-0.0482464208	-3.814041e-02	-0.0470303211	-0.0326078408
## 4723	2016-02-22	-0.0248397073	-1.152504e-02	-0.0186608185	-0.0057955336
## 4724	2016-02-23	-0.0102990275	-1.555511e-02	-0.0139748413	-0.0129454870
## 4725	2016-02-24	-0.0209730907	-1.839978e-02	-0.0274042930	-0.0117465877
## 4726	2016-02-25	-0.0103316684	-1.288275e-02	-0.0140189876	-0.0105367128

```

## 4727 2016-02-26 -0.0053214149 -9.531606e-03 -0.0053306291 -0.0104495661
## 4728 2016-02-29 -0.0119872612 -7.042480e-03 -0.0060583040 -0.0134032389
## 4729 2016-03-01 -0.0094930367 8.517269e-03 -0.0022103008 0.0155017185
## 4730 2016-03-02 0.0182378018 1.471315e-02 0.0173054293 0.0167769872
## 4731 2016-03-03 0.0141097901 9.185341e-03 0.0166548757 0.0138123366
## 4732 2016-03-04 0.0174971592 1.083402e-02 0.0144056308 0.0112510231
## 4733 2016-03-07 0.0092955159 2.461473e-03 -0.0027064763 -0.0021987703
## 4734 2016-03-08 -0.0077720957 4.639278e-06 -0.0035995662 -0.0049671742
## 4735 2016-03-09 -0.0059313588 -1.184835e-02 -0.0086824567 -0.0058282632
## 4736 2016-03-10 0.0018890271 -4.682655e-03 -0.0111411956 -0.0064168027
## 4737 2016-03-11 0.0021177813 -1.385370e-03 0.0052100599 0.0052236650
## 4738 2016-03-14 0.0021722278 5.974279e-03 0.0055628952 0.0093218212
## 4739 2016-03-15 0.0065289936 1.096332e-02 0.0099181108 0.0133001011
## 4740 2016-03-16 0.0126720497 1.074779e-02 0.0144828205 0.0103027875
## 4741 2016-03-17 0.0049061092 5.856824e-05 -0.0033018468 -0.0058609274
## 4742 2016-03-18 -0.0044282703 -9.714770e-03 -0.0131368673 -0.0138828124
## 4743 2016-03-21 -0.0175312751 -1.735459e-02 -0.0214172757 -0.0118119815
## 4744 2016-03-22 -0.0216701895 -9.251434e-03 -0.0142835965 -0.0047274218
## 4745 2016-03-23 -0.0043629210 1.222269e-03 0.0001050968 0.0052454855
## 4746 2016-03-24 0.0022920225 1.315070e-02 0.0100063362 0.0197633907
## 4747 2016-03-28 0.0211241853 1.444377e-02 0.0193562180 0.0164063808
## 4748 2016-03-29 0.0164951216 2.640449e-02 0.0203926481 0.0316545221
## 4749 2016-03-30 0.0345321299 3.436756e-02 0.0407904313 0.0369189133
## 4750 2016-03-31 0.0373313596 3.168448e-02 0.0377142493 0.0314147697
## 4751 2016-04-01 0.0277573242 2.983114e-02 0.0334031128 0.0367118240
## 4752 2016-04-04 0.0370263544 3.033755e-02 0.0358839243 0.0309242860
## 4753 2016-04-05 0.0280623305 2.383992e-02 0.0300402483 0.0232402778
## 4754 2016-04-06 0.0245224582 3.345167e-02 0.0325210597 0.0406138000
## 4755 2016-04-07 0.0367649593 3.044528e-02 0.0342631594 0.0290059954
## 4756 2016-04-08 0.0319289460 2.857036e-02 0.0341749341 0.0324610621
## 4757 2016-04-11 0.0339112831 3.518650e-02 0.0406911691 0.0339106905
## 4758 2016-04-12 0.0363728656 3.525115e-02 0.0378244812 0.0418017891
## 4759 2016-04-13 0.0464805286 4.898985e-02 0.0521359848 0.0544995260
## 4760 2016-04-14 0.0545296687 5.714687e-02 0.0629192773 0.0609628166
## 4761 2016-04-15 0.0619906040 5.972222e-02 0.0662711050 0.0665650847
## 4762 2016-04-18 0.0657265231 7.143512e-02 0.0738238385 0.0768758012
## 4763 2016-04-19 0.0785681328 7.183381e-02 0.0692370562 0.0687558583
## 4764 2016-04-20 0.0707912895 7.026057e-02 0.0716627518 0.0743035764
## 4765 2016-04-21 0.0718804810 7.162907e-02 0.0777269576 0.0721346221
## 4766 2016-04-22 0.0647680292 6.131696e-02 0.0590492015 0.0606903335
## 4767 2016-04-25 0.0562069996 5.994846e-02 0.0642203174 0.0669029604
## 4768 2016-04-26 0.0666196677 5.970065e-02 0.0627097843 0.0567447842
## 4769 2016-04-27 0.0509679919 4.806317e-02 0.0477146837 0.0455075849
## 4770 2016-04-28 0.0550415571 5.975451e-02 0.0454212926 0.0405265869
## 4771 2016-04-29 0.1100021819 1.062829e-01 0.1058428209 0.1032958145
## 4772 2016-05-02 0.1077366452 1.230064e-01 0.1146965933 0.1297375153
## 4773 2016-05-03 0.1223753805 1.174032e-01 0.1239582498 0.1160806980
## 4774 2016-05-04 0.1062880685 1.106146e-01 0.1148178620 0.1156229450
## 4775 2016-05-05 0.1179641693 1.132977e-01 0.1080479866 0.1027508484
## 4776 2016-05-06 0.0991647139 1.137934e-01 0.1080590235 0.1189472253

```

## 4777	2016-05-09	0.1186612671	1.246011e-01	0.1250387589	0.1252688192
## 4778	2016-05-10	0.1404995427	1.435336e-01	0.1493948444	0.1506860469
## 4779	2016-05-11	0.1533410860	1.591042e-01	0.1583809213	0.1617597291
## 4780	2016-05-12	0.1659648444	1.628217e-01	0.1692523730	0.1668824248
## 4781	2016-05-13	0.1629804707	1.593735e-01	0.1637394586	0.1581520566
## 4782	2016-05-16	0.1580682063	1.529083e-01	0.1568703882	0.1589585956
## 4783	2016-05-17	0.1578177130	1.542228e-01	0.1498468736	0.1421845895
## 4784	2016-05-18	0.1356635304	1.413677e-01	0.1441686126	0.1445606331
## 4785	2016-05-19	0.1381904622	1.379843e-01	0.1450506656	0.1457268693
## 4786	2016-05-20	0.1481783294	1.464322e-01	0.1565616331	0.1503917445
## 4787	2016-05-23	0.1516637551	1.450961e-01	0.1526143676	0.1437976674
## 4788	2016-05-24	0.1448672113	1.467124e-01	0.1543564673	0.1519176758
## 4789	2016-05-25	0.1557482231	1.503329e-01	0.1626479126	0.1564408554
## 4790	2016-05-26	0.1561076748	1.547940e-01	0.1645994379	0.1635908076
## 4791	2016-05-27	0.1633725633	1.565180e-01	0.1688002765	0.1606807071
## 4792	2016-05-31	0.1604644406	1.647397e-01	0.1690428789	0.1721794792
## 4793	2016-06-01	0.1697988190	1.671103e-01	0.1766506610	0.1685282323
## 4794	2016-06-02	0.1698750047	1.691038e-01	0.1736516676	0.1781196230
## 4795	2016-06-03	0.1761596601	1.677245e-01	0.1768822277	0.1751767929
## 4796	2016-06-06	0.1758982650	1.725735e-01	0.1834866881	0.1764738144
## 4797	2016-06-07	0.1795906404	1.709571e-01	0.1792196979	0.1732149279
## 4798	2016-06-08	0.1757893720	1.703321e-01	0.1803773967	0.1763757587
## 4799	2016-06-09	0.1721949879	1.697826e-01	0.1811492179	0.1774766001
## 4800	2016-06-10	0.1713780943	1.655478e-01	0.1722293599	0.1668606044
## 4801	2016-06-13	0.1622942746	1.623260e-01	0.1688664282	0.1639505038
## 4802	2016-06-14	0.1604644406	1.610545e-01	0.1700903470	0.1683756266
## 4803	2016-06-15	0.1709969035	1.629402e-01	0.1712810880	0.1628823920
## 4804	2016-06-16	0.1601594354	1.580266e-01	0.1624053091	0.1664246718
## 4805	2016-06-17	0.1668470862	1.582421e-01	0.1556575074	0.1543046307
## 4806	2016-06-20	0.1617387761	1.615933e-01	0.1684805517	0.1626099089
## 4807	2016-06-21	0.1641567495	1.584576e-01	0.1705864552	0.1645826830
## 4808	2016-06-22	0.1650935043	1.569491e-01	0.1649081931	0.1588932029
## 4809	2016-06-23	0.1639171590	1.624661e-01	0.1703439190	0.1714056698
## 4810	2016-06-24	0.1394103512	1.521325e-01	0.1479614999	0.1462064417
## 4811	2016-06-27	0.1383320626	1.352042e-01	0.1368474458	0.1379229163
## 4812	2016-06-28	0.1470346914	1.472512e-01	0.1545438876	0.1560049217
## 4813	2016-06-29	0.1641894569	1.596429e-01	0.1714905809	0.1643428642
## 4814	2016-06-30	0.1657687975	1.595028e-01	0.1703879980	0.1643646835
## 4815	2016-07-01	0.1658994951	1.688021e-01	0.1747983295	0.1753293998
## 4816	2016-07-05	0.1718682436	1.704830e-01	0.1781832667	0.1779670173
## 4817	2016-07-06	0.1750378277	1.793297e-01	0.1814579731	0.1883322828
## 4818	2016-07-07	0.1898726099	1.812477e-01	0.1914363349	0.1871987772
## 4819	2016-07-08	0.1907548528	1.883056e-01	0.1984597823	0.1972697414
## 4820	2016-07-11	0.2014942642	1.988656e-01	0.2083830281	0.2059565352
## 4821	2016-07-12	0.2089661013	2.004172e-01	0.2010288191	0.1998856049
## 4822	2016-07-13	0.1979652948	1.999108e-01	0.2020431766	0.1938037644
## 4823	2016-07-14	0.2002525696	1.914736e-01	0.1995844388	0.1922451690
## 4824	2016-07-15	0.1977365406	1.887905e-01	0.1941045667	0.1859671483
## 4825	2016-07-18	0.1856900853	1.834566e-01	0.1882277812	0.1866538111
## 4826	2016-07-19	0.1824334137	1.853208e-01	0.1921860835	0.1908827537

## 4827	2016-07-20	0.1949591155	1.884672e-01	0.2014367692	0.1971716180
## 4828	2016-07-21	0.1987712856	1.918184e-01	0.2037411300	0.1957656294
## 4829	2016-07-22	0.1990871271	1.938873e-01	0.2045570975	0.1962342916
## 4830	2016-07-25	0.1977365406	1.908917e-01	0.1955379112	0.1905121473
## 4831	2016-07-26	0.1935540825	1.851053e-01	0.1926712222	0.1861306654
## 4832	2016-07-27	0.1883912594	1.827455e-01	0.1938950726	0.1873077443
## 4833	2016-07-28	0.1971156928	1.961286e-01	0.2003341864	0.2046812665
## 4834	2016-07-29	0.2178321361	2.097488e-01	0.2172036911	0.2114388606
## 4835	2016-08-01	0.2122445784	2.145977e-01	0.2194750096	0.2211719469
## 4836	2016-08-02	0.2165359961	2.086820e-01	0.2194309306	0.2133680614
## 4837	2016-08-03	0.2091839537	2.020874e-01	0.2141715882	0.2068938616
## 4838	2016-08-04	0.2055242857	2.086712e-01	0.2120766543	0.2135751518
## 4839	2016-08-05	0.2176251875	2.124103e-01	0.2261236163	0.2192536552
## 4840	2016-08-08	0.2198035704	2.108263e-01	0.2238412621	0.2198858355
## 4841	2016-08-09	0.2204353200	2.168605e-01	0.2303244538	0.2217932170
## 4842	2016-08-10	0.2230602420	2.163218e-01	0.2295415957	0.2220657000
## 4843	2016-08-11	0.2232127440	2.180997e-01	0.2327721558	0.2249867097
## 4844	2016-08-12	0.2216007625	2.174532e-01	0.2320003345	0.2264254290
## 4845	2016-08-15	0.2253475833	2.162571e-01	0.2312175437	0.2219893960
## 4846	2016-08-16	0.2217750037	2.126904e-01	0.2269284798	0.2171391845
## 4847	2016-08-17	0.2171894837	2.089082e-01	0.2218345524	0.2177822739
## 4848	2016-08-18	0.2167429446	2.088544e-01	0.2233781287	0.2175970040
## 4849	2016-08-19	0.2144556687	2.059666e-01	0.2192875893	0.2098039622
## 4850	2016-08-22	0.2096632001	2.031218e-01	0.2140061743	0.2121690956
## 4851	2016-08-23	0.2159914003	2.083480e-01	0.2238191884	0.2154062292
## 4852	2016-08-24	0.2156537532	2.069579e-01	0.2176006044	0.2097385685
## 4853	2016-08-25	0.2080294130	2.038869e-01	0.2169170085	0.2118857034
## 4854	2016-08-26	0.2124406253	2.140589e-01	0.2224960757	0.2225452724
## 4855	2016-08-29	0.2218838967	2.194251e-01	0.2321987917	0.2250411933
## 4856	2016-08-30	0.2244217313	2.160416e-01	0.2288469641	0.2209975871
## 4857	2016-08-31	0.2195748163	2.136710e-01	0.2271269370	0.2227196321
## 4858	2016-09-01	0.2242583918	2.162571e-01	0.2301590399	0.2243109572
## 4859	2016-09-02	0.2277546539	2.205242e-01	0.2356168383	0.2262946415
## 4860	2016-09-06	0.2276784029	2.350495e-01	0.2339849705	0.2442022207
## 4861	2016-09-07	0.2445500341	2.364611e-01	0.2495424655	0.2394174018
## 4862	2016-09-08	0.2384069790	2.318384e-01	0.2463559845	0.2389596499
## 4863	2016-09-09	0.2334729090	2.259119e-01	0.2228378731	0.2128884890
## 4864	2016-09-12	0.2094997953	2.169252e-01	0.2183062740	0.2252591928
## 4865	2016-09-13	0.2219384096	2.139404e-01	0.2216691385	0.2138367246
## 4866	2016-09-14	0.2147824131	2.113651e-01	0.2214486087	0.2139239377
## 4867	2016-09-15	0.2145645617	2.149964e-01	0.2200483737	0.2232973278
## 4868	2016-09-16	0.2268506729	2.253301e-01	0.2355726920	0.2329214492
## 4869	2016-09-19	0.2341373006	2.269248e-01	0.2348450171	0.2291938329
## 4870	2016-09-20	0.2298132421	2.263106e-01	0.2403579315	0.2347742806
## 4871	2016-09-21	0.2377098801	2.363533e-01	0.2436767169	0.2451504563
## 4872	2016-09-22	0.2497127918	2.527320e-01	0.2605021426	0.2614558667
## 4873	2016-09-23	0.2593630117	2.547362e-01	0.2691573906	0.2626002825
## 4874	2016-09-26	0.2579143686	2.527751e-01	0.2636775857	0.2554175996
## 4875	2016-09-27	0.2579688151	2.643156e-01	0.2680437709	0.2738919643
## 4876	2016-09-28	0.2755592832	2.788625e-01	0.2855969388	0.2876359947

## 4877	2016-09-29	0.2867343985	2.867932e-01	0.2939765421	0.2879956908
## 4878	2016-09-30	0.2914723541	2.894332e-01	0.3025436320	0.2969985421
## 4879	2016-10-03	0.2951647294	2.893362e-01	0.3012756352	0.2963772720
## 4880	2016-10-04	0.3005126301	2.920408e-01	0.3001840892	0.2934235981
## 4881	2016-10-05	0.2973431124	2.955967e-01	0.3066452083	0.3046825503
## 4882	2016-10-06	0.3035515167	2.972562e-01	0.3115847587	0.3017397201
## 4883	2016-10-07	0.3058278898	2.958985e-01	0.3081116623	0.2993091930
## 4884	2016-10-10	0.3030613675	2.950903e-01	0.3112209548	0.3017942701
## 4885	2016-10-11	0.3006324923	2.908771e-01	0.2980781184	0.2901210718
## 4886	2016-10-12	0.2929863465	2.869764e-01	0.3000076385	0.2934889919
## 4887	2016-10-13	0.2875403892	2.806512e-01	0.2902057274	0.2882464199
## 4888	2016-10-14	0.2941626918	2.848967e-01	0.2921352475	0.2813580405
## 4889	2016-10-17	0.2793714533	2.700913e-01	0.2796980807	0.2704478078
## 4890	2016-10-18	0.2800358438	2.714490e-01	0.2833807373	0.2755705024
## 4891	2016-10-19	0.2781733689	2.686581e-01	0.2835460839	0.2756140757
## 4892	2016-10-20	0.2711916146	2.633135e-01	0.2702379009	0.2675812805
## 4893	2016-10-21	0.2661486527	2.673112e-01	0.2767431663	0.2770309746
## 4894	2016-10-24	0.2831291769	2.876552e-01	0.2913083103	0.2978487209
## 4895	2016-10-25	0.2987590482	2.928167e-01	0.3034476915	0.2946769810
## 4896	2016-10-26	0.2916357600	2.824184e-01	0.2888715779	0.2809547710
## 4897	2016-10-27	0.2899801672	2.805650e-01	0.2838327665	0.2763443118
## 4898	2016-10-28	0.2363483908	2.350603e-01	0.2388253247	0.2305235841
## 4899	2016-10-31	0.2352919067	2.395968e-01	0.2448895305	0.2452376694
## 4900	2016-11-01	0.2548646456	2.472904e-01	0.2411407896	0.2404310312
## 4901	2016-11-02	0.2384505227	2.299527e-01	0.2266307615	0.2187959033
## 4902	2016-11-03	0.2178865826	2.216017e-01	0.2271269370	0.2203981375
## 4903	2016-11-04	0.2154249990	2.097488e-01	0.2152520974	0.2073407044
## 4904	2016-11-07	0.2250643837	2.331638e-01	0.2347788643	0.2399078855
## 4905	2016-11-08	0.2395832579	2.374847e-01	0.2437759119	0.2429815020
## 4906	2016-11-09	0.2167429446	2.221405e-01	0.2228158677	0.2256842827
## 4907	2016-11-10	0.2328738679	2.235737e-01	0.1760773632	0.1935312814
## 4908	2016-11-11	0.1859514804	1.852454e-01	0.1884263046	0.1898582152
## 4909	2016-11-14	0.1966038055	1.881979e-01	0.1676976936	0.1681249629
## 4910	2016-11-15	0.1797104351	1.890384e-01	0.1852177509	0.1944686068
## 4911	2016-11-16	0.1904716521	1.923680e-01	0.1958245927	0.1980108866
## 4912	2016-11-17	0.2007536217	2.005896e-01	0.2094856110	0.2088121522
## 4913	2016-11-18	0.2134753702	2.116237e-01	0.2201145264	0.2129102419
## 4914	2016-11-21	0.2189213275	2.252115e-01	0.2283507874	0.2345345271
## 4915	2016-11-22	0.2430686836	2.381960e-01	0.2458708458	0.2403438845
## 4916	2016-11-23	0.2360542873	2.267201e-01	0.2371824873	0.2346653135
## 4917	2016-11-25	0.2412497524	2.321078e-01	0.2424528654	0.2349377966
## 4918	2016-11-28	0.2308915307	2.216017e-01	0.2273915458	0.2201147453
## 4919	2016-11-29	0.2210997104	2.139404e-01	0.2241720226	0.2154825332
## 4920	2016-11-30	0.2145645617	2.120009e-01	0.2119664225	0.2024578287
## 4921	2016-12-01	0.2041191862	1.961394e-01	0.1984928917	0.1949155160
## 4922	2016-12-02	0.1943056268	1.908809e-01	0.1970264378	0.1913078436
## 4923	2016-12-05	0.1960483069	2.048890e-01	0.2028701138	0.2120383092
## 4924	2016-12-06	0.2167320418	2.121624e-01	0.2196845026	0.2178803308
## 4925	2016-12-07	0.2173419868	2.145115e-01	0.2181078168	0.2240929577
## 4926	2016-12-08	0.2253148759	2.181428e-01	0.2284390128	0.2207251041

## 4927	2016-12-09	0.2232780933	2.143283e-01	0.2286044278	0.2221746660
## 4928	2016-12-12	0.2193570302	2.107078e-01	0.2196293867	0.2128666686
## 4929	2016-12-13	0.2177885924	2.274852e-01	0.2249217712	0.2283655400
## 4930	2016-12-14	0.2322639229	2.257611e-01	0.2258148612	0.2223490922
## 4931	2016-12-15	0.2192263327	2.130891e-01	0.2230584040	0.2138258144
## 4932	2016-12-16	0.2178321361	2.088113e-01	0.2161011082	0.2103053550
## 4933	2016-12-19	0.2111771926	2.145977e-01	0.2184826575	0.2192754756
## 4934	2016-12-20	0.2218077110	2.187894e-01	0.2312175437	0.2249648904
## 4935	2016-12-21	0.2232780933	2.153735e-01	0.2290013411	0.2242891378
## 4936	2016-12-22	0.2212304080	2.153628e-01	0.2260464278	0.2196460820
## 4937	2016-12-23	0.2173419868	2.102875e-01	0.2205004029	0.2133789716
## 4938	2016-12-27	0.2160894559	2.190695e-01	0.2240397182	0.2251611359
## 4939	2016-12-28	0.2300855399	2.248344e-01	0.2342937257	0.2259567658
## 4940	2016-12-29	0.2258921790	2.177226e-01	0.2236537745	0.2183490594
## 4941	2016-12-30	0.2194332159	2.112573e-01	0.2097943662	0.2016948630
## 4942	2017-01-03	0.2101206420	2.019473e-01	0.2091548494	0.2058365925
## 4943	2017-01-04	0.2106325969	2.029387e-01	0.2163216380	0.2096622656
## 4944	2017-01-05	0.2140744125	2.274205e-01	0.2230032881	0.2350250097
## 4945	2017-01-06	0.2367404834	2.457819e-01	0.2430923149	0.2519625329
## 4946	2017-01-09	0.2537754541	2.482926e-01	0.2577456854	0.2529761622
## 4947	2017-01-10	0.2522505599	2.442302e-01	0.2552868793	0.2518644760
## 4948	2017-01-11	0.2490483338	2.458465e-01	0.2552538371	0.2552650603
## 4949	2017-01-12	0.2562914842	2.616110e-01	0.2662686290	0.2711998643
## 4950	2017-01-13	0.2715510663	2.697141e-01	0.2793893917	0.2750146272
## 4951	2017-01-17	0.2730541560	2.636260e-01	0.2706128077	0.2669272819
## 4952	2017-01-18	0.2663011559	2.590249e-01	0.2715279714	0.2644858435
## 4953	2017-01-19	0.2668457516	2.609429e-01	0.2748908348	0.2661861356
## 4954	2017-01-20	0.2725967141	2.636476e-01	0.2737221003	0.2654123262
## 4955	2017-01-23	0.2633603259	2.663199e-01	0.2724210602	0.2758211661
## 4956	2017-01-24	0.2799160491	2.722356e-01	0.2828073721	0.2807912539
## 4957	2017-01-25	0.2840440607	2.867070e-01	0.2947042171	0.2961375196
## 4958	2017-01-26	0.2946528410	2.936249e-01	0.3032051553	0.2990040458
## 4959	2017-01-27	0.2984323038	2.891638e-01	0.2992799624	0.2953200704
## 4960	2017-01-30	0.2918971551	2.824830e-01	0.2848802334	0.2894453192
## 4961	2017-01-31	0.2818221341	2.754682e-01	0.2883864392	0.2819247595
## 4962	2017-02-01	0.2877691434	2.827848e-01	0.2943183395	0.2915924542
## 4963	2017-02-02	0.2958073818	2.921701e-01	0.2979789235	0.2998759785
## 4964	2017-02-03	0.2632731720	2.661043e-01	0.2712302519	0.2674504941
## 4965	2017-02-06	0.2666279002	2.579365e-01	0.2701276691	0.2646602708
## 4966	2017-02-07	0.2660942073	2.637984e-01	0.2750892920	0.2699573252
## 4967	2017-02-08	0.2697756788	2.695309e-01	0.2806022064	0.2778157607
## 4968	2017-02-09	0.2794803463	2.733239e-01	0.2885518531	0.2796141086
## 4969	2017-02-10	0.2818983851	2.765565e-01	0.2920139126	0.2862627356
## 4970	2017-02-13	0.2903940654	2.927197e-01	0.2982986483	0.2961484287
## 4971	2017-02-14	0.2962539209	2.876660e-01	0.3014961651	0.2959958230
## 4972	2017-02-15	0.2929863465	2.925150e-01	0.3030066981	0.3028732922
## 4973	2017-02-16	0.3015256370	2.948748e-01	0.3102396395	0.3044427979
## 4974	2017-02-17	0.3016998782	2.973208e-01	0.3117280988	0.3054564262
## 4975	2017-02-21	0.3091499771	3.088613e-01	0.3189169612	0.3178489504
## 4976	2017-02-22	0.3179833035	3.093462e-01	0.3243526871	0.3169442881

## 4977	2017-02-23	0.3186585968	3.119646e-01	0.3197438984	0.3132167383
## 4978	2017-02-24	0.3046298054	2.957476e-01	0.3084424239	0.3056416961
## 4979	2017-02-27	0.3021137764	3.029564e-01	0.3105593643	0.3093474930
## 4980	2017-02-28	0.3119927505	3.046697e-01	0.3131835171	0.3054236966
## 4981	2017-03-01	0.3137354307	3.054671e-01	0.3208575181	0.3141867944
## 4982	2017-03-02	0.3137681380	3.054563e-01	0.3189500707	0.3096417289
## 4983	2017-03-03	0.3073636868	3.024068e-01	0.3178364521	0.3106989981
## 4984	2017-03-06	0.3052179448	2.986354e-01	0.3121581227	0.3071348978
## 4985	2017-03-07	0.3054902427	2.986031e-01	0.3150579212	0.3064918760
## 4986	2017-03-08	0.3082350269	3.035706e-01	0.3184097488	0.3113747506
## 4987	2017-03-09	0.3115026013	3.071588e-01	0.3222908626	0.3140995813
## 4988	2017-03-10	0.3180377500	3.081824e-01	0.3238454747	0.3135110418
## 4989	2017-03-13	0.3123413005	3.063937e-01	0.3238345051	0.3158326030
## 4990	2017-03-14	0.3142800264	3.043033e-01	0.3192477229	0.3135873447
## 4991	2017-03-15	0.3151296273	3.050576e-01	0.3187625831	0.3140668517
## 4992	2017-03-16	0.3161861115	3.061890e-01	0.3225113924	0.3145573343
## 4993	2017-03-17	0.3142146771	3.043895e-01	0.3226547337	0.3133475258
## 4994	2017-03-20	0.3120580998	3.086674e-01	0.3230626839	0.3184265807
## 4995	2017-03-21	0.3200418917	3.140551e-01	0.3123676168	0.3034182583
## 4996	2017-03-22	0.2999898400	2.995837e-01	0.3098757684	0.3087153138
## 4997	2017-03-23	0.3084528783	3.012215e-01	0.3162156200	0.3079741675
## 4998	2017-03-24	0.3122432438	3.022021e-01	0.3148153849	0.3060449656
## 4999	2017-03-27	0.2974193634	3.005858e-01	0.3037564467	0.3073638076
## 5000	2017-03-28	0.3123194949	3.093786e-01	0.3220592960	0.3173693780
## 5001	2017-03-29	0.3202705794	3.287528e-01	0.3318943837	0.3373369444
## 5002	2017-03-30	0.3375887497	3.294209e-01	0.3458309794	0.3395386294
## 5003	2017-03-31	0.3398215791	3.437414e-01	0.3513329242	0.3506558849
## 5004	2017-04-03	0.3518026852	3.471249e-01	0.3610025308	0.3560728830
## 5005	2017-04-04	0.3556148552	3.633420e-01	0.3663611343	0.3727706527
## 5006	2017-04-05	0.3766580418	3.796991e-01	0.3832747181	0.3754409998
## 5007	2017-04-06	0.3799038116	3.726628e-01	0.3710029652	0.3634517451
## 5008	2017-04-07	0.3644917918	3.542368e-01	0.3652915947	0.3597459493
## 5009	2017-04-10	0.3644699872	3.633097e-01	0.3759756249	0.3729994960
## 5010	2017-04-11	0.3725408665	3.662513e-01	0.3743217506	0.3678986207
## 5011	2017-04-12	0.3682386136	3.585469e-01	0.3718409392	0.3612173305
## 5012	2017-04-13	0.3555604087	3.487197e-01	0.3599771364	0.3486177170
## 5013	2017-04-17	0.3512580894	3.567043e-01	0.3632959219	0.3674953512
## 5014	2017-04-18	0.3659512713	3.644949e-01	0.3779382544	0.3694463724
## 5015	2017-04-19	0.3734122730	3.654540e-01	0.3741784093	0.3644544642
## 5016	2017-04-20	0.3645462383	3.598723e-01	0.3729876011	0.3675716552
## 5017	2017-04-21	0.3677811053	3.580728e-01	0.3735168872	0.3637242281
## 5018	2017-04-24	0.3743271568	3.649044e-01	0.3812900821	0.3734027655
## 5019	2017-04-25	0.3725408665	3.643549e-01	0.3803859564	0.3736316752
## 5020	2017-04-26	0.3760916416	3.711111e-01	0.3854137321	0.3754518435
## 5021	2017-04-27	0.3805464640	3.776949e-01	0.3904304699	0.3853593571
## 5022	2017-04-28	0.4180582199	4.075752e-01	0.4039040679	0.3925637929
## 5023	2017-05-01	0.3951524920	4.127582e-01	0.4077299985	0.4178938075
## 5024	2017-05-02	0.4156837902	4.081247e-01	0.4227361349	0.4164878188
## 5025	2017-05-03	0.4149757896	4.037068e-01	0.4166609595	0.4100463487
## 5026	2017-05-04	0.4136143003	4.026293e-01	0.4148085618	0.4062315858

## 5027	2017-05-05	0.4090070422	3.980928e-01	0.4104864557	0.4025476094
## 5028	2017-05-08	0.4094753858	4.069933e-01	0.4203105066	0.4187766504
## 5029	2017-05-09	0.4223822784	4.165188e-01	0.4324278813	0.4228966259
## 5030	2017-05-10	0.4231447255	4.120578e-01	0.4266944371	0.4186785936
## 5031	2017-05-11	0.4140063929	4.083295e-01	0.4220415694	0.4172289651
## 5032	2017-05-12	0.4242339170	4.217988e-01	0.4338943353	0.4321937142
## 5033	2017-05-15	0.4288411751	4.221867e-01	0.4388890015	0.4285097378
## 5034	2017-05-16	0.4313136614	4.296325e-01	0.4442365009	0.4373382282
## 5035	2017-05-17	0.4244517683	4.192235e-01	0.4257241587	0.4141117753
## 5036	2017-05-18	0.4136687468	4.217557e-01	0.4264298283	0.4290765232
## 5037	2017-05-19	0.4333178031	4.284041e-01	0.4429244251	0.4305479721
## 5038	2017-05-22	0.4345812358	4.310549e-01	0.4464306970	0.4423518904
## 5039	2017-05-23	0.4465841474	4.351711e-01	0.4507858465	0.4433001260
## 5040	2017-05-24	0.4476515333	4.414209e-01	0.4545125810	0.4529024269
## 5041	2017-05-25	0.4572908515	4.608167e-01	0.4676112711	0.4671042757
## 5042	2017-05-26	0.4683461709	4.604396e-01	0.4754837293	0.4697201393
## 5043	2017-05-30	0.4699908609	4.631873e-01	0.4823969460	0.4707228584
## 5044	2017-05-31	0.4737921282	4.620235e-01	0.4676663870	0.4684557808
## 5045	2017-06-01	0.4722563977	4.608059e-01	0.4778211995	0.4699054092
## 5046	2017-06-02	0.4726920340	4.710318e-01	0.4825622926	0.4816548440
## 5047	2017-06-05	0.4816669607	4.761286e-01	0.4912065721	0.4866794829
## 5048	2017-06-06	0.4868624257	4.796737e-01	0.4887147238	0.4775894185
## 5049	2017-06-07	0.4802728305	4.729391e-01	0.4895416610	0.4852952471
## 5050	2017-06-08	0.4869277750	4.765596e-01	0.4940732600	0.4855132478
## 5051	2017-06-09	0.4874070214	4.758915e-01	0.4068479454	0.4506789891
## 5052	2017-06-12	0.4378488102	4.359793e-01	0.4266944371	0.4360738697
## 5053	2017-06-13	0.4498190134	4.451923e-01	0.4499589093	0.4533819993
## 5054	2017-06-14	0.46136444831	4.514852e-01	0.4506315356	0.4486734844
## 5055	2017-06-15	0.4288085342	4.249668e-01	0.4331555562	0.4352673308
## 5056	2017-06-16	0.4694353624	4.616248e-01	0.4674900035	0.4609243784
## 5057	2017-06-19	0.4923083830	4.802125e-01	0.4762004346	0.4690552305
## 5058	2017-06-20	0.4716137453	4.671527e-01	0.4785379059	0.4662432532
## 5059	2017-06-21	0.4723761924	4.648251e-01	0.4792325375	0.4767501489
## 5060	2017-06-22	0.4762210034	4.693940e-01	0.4842492764	0.4757365206
## 5061	2017-06-23	0.4765586506	4.668725e-01	0.4851534032	0.4783959575
## 5062	2017-06-26	0.4830502556	4.724542e-01	0.4785158322	0.4677582078
## 5063	2017-06-27	0.4636517579	4.606012e-01	0.4608745062	0.4490114266
## 5064	2017-06-28	0.4504289584	4.518515e-01	0.4533879928	0.4637799954
## 5065	2017-06-29	0.4509191076	4.484896e-01	0.4490217403	0.4480849449
## 5066	2017-06-30	0.4521389966	4.440824e-01	0.4516238194	0.4394417898
## 5067	2017-07-03	0.4441552047	4.344061e-01	0.4333099344	0.4238121319
## 5068	2017-07-05	0.4318909645	4.349556e-01	0.4379959116	0.4431475856
## 5069	2017-07-06	0.4353000728	4.343091e-01	0.4421526711	0.4363245999
## 5070	2017-07-07	0.4406262353	4.404619e-01	0.4533108043	0.4511694717
## 5071	2017-07-10	0.4574542564	4.612908e-01	0.4691438778	0.4704721293
## 5072	2017-07-11	0.4661677880	4.575733e-01	0.4693864140	0.4679217249
## 5073	2017-07-12	0.4745001288	4.711072e-01	0.4852415613	0.4814150916
## 5074	2017-07-13	0.4788241873	4.693077e-01	0.4828159319	0.4750062845
## 5075	2017-07-14	0.4764062139	4.666893e-01	0.4839074790	0.4762923970
## 5076	2017-07-17	0.4789004383	4.777880e-01	0.4915373337	0.4852625176

## 5077	2017-07-18	0.4803272770	4.899428e-01	0.4917468267	0.5009684118
## 5078	2017-07-19	0.5010219146	4.959338e-01	0.5121446099	0.5036060958
## 5079	2017-07-20	0.5081996493	4.995759e-01	0.5121666836	0.5056006239
## 5080	2017-07-21	0.4969701540	4.900181e-01	0.4994649068	0.5022982305
## 5081	2017-07-24	0.5046597771	5.082394e-01	0.5175804030	0.5167724294
## 5082	2017-07-25	0.5152359165	5.085842e-01	0.5231483649	0.5177752151
## 5083	2017-07-26	0.5208451458	5.192196e-01	0.5349680213	0.5318680979
## 5084	2017-07-27	0.5495454474	5.516646e-01	0.5316383346	0.5244565052
## 5085	2017-07-28	0.4870149288	4.972916e-01	0.4884390781	0.4961618400
## 5086	2017-07-31	0.4945412124	4.824214e-01	0.4730249916	0.4610006813
## 5087	2017-08-01	0.4695551571	4.687905e-01	0.4780527662	0.4701669821
## 5088	2017-08-02	0.4757200189	4.653532e-01	0.4671922840	0.4698400166
## 5089	2017-08-03	0.4732148252	4.613555e-01	0.4703457229	0.4600632894
## 5090	2017-08-04	0.4625516648	4.529183e-01	0.4674900035	0.4607826818
## 5091	2017-08-07	0.4636082143	4.565065e-01	0.4731572960	0.4658944673
## 5092	2017-08-08	0.4676381704	4.578858e-01	0.4716687683	0.4632459395
## 5093	2017-08-09	0.4548401707	4.489637e-01	0.4600696428	0.4547117515
## 5094	2017-08-10	0.4479782776	4.401925e-01	0.4373674316	0.4273653220
## 5095	2017-08-11	0.4302244700	4.299881e-01	0.4337289214	0.4394308796
## 5096	2017-08-14	0.4502764553	4.462698e-01	0.4610839992	0.4561177401
## 5097	2017-08-15	0.4617021292	4.529937e-01	0.4674900035	0.4555073803
## 5098	2017-08-16	0.4538054911	4.473043e-01	0.4578092939	0.4505372925
## 5099	2017-08-17	0.4496556750	4.380159e-01	0.4435860145	0.4313436008
## 5100	2017-08-18	0.4317493642	4.246435e-01	0.4373343883	0.4290547039
## 5101	2017-08-21	0.4275777424	4.200855e-01	0.4272016495	0.4234088625
## 5102	2017-08-22	0.4253449140	4.273374e-01	0.4382715573	0.4382428905
## 5103	2017-08-23	0.4295491767	4.209475e-01	0.4368382128	0.4285424673
## 5104	2017-08-24	0.4274143375	4.177149e-01	0.4224384838	0.4224933564
## 5105	2017-08-25	0.4258677042	4.162279e-01	0.4257020861	0.4146567414
## 5106	2017-08-28	0.4155639290	4.112496e-01	0.4236623342	0.4154851008
## 5107	2017-08-29	0.4084406409	4.144823e-01	0.4171350624	0.4242481321
## 5108	2017-08-30	0.4285253335	4.289321e-01	0.4398261694	0.4389949470
## 5109	2017-08-31	0.4462355975	4.414209e-01	0.4573021487	0.4531749100
## 5110	2017-09-01	0.4565829163	4.451923e-01	0.4618447847	0.4506135954
## 5111	2017-09-05	0.4469980445	4.368629e-01	0.4436411304	0.4364662966
## 5112	2017-09-06	0.4392865505	4.315506e-01	0.4438947035	0.4392237903
## 5113	2017-09-07	0.4454731504	4.409791e-01	0.4570705821	0.4519432811
## 5114	2017-09-08	0.4510280007	4.402140e-01	0.4470591108	0.4371529583
## 5115	2017-09-11	0.4459742024	4.424338e-01	0.4589118767	0.4502975390
## 5116	2017-09-12	0.4555699769	4.453755e-01	0.4603452885	0.4553330205
## 5117	2017-09-13	0.4563323576	4.618942e-01	0.4646453209	0.4738836227
## 5118	2017-09-14	0.4703067025	4.603426e-01	0.4738188181	0.4658290735
## 5119	2017-09-15	0.4661786908	4.578534e-01	0.4697282787	0.4599215928
## 5120	2017-09-18	0.4633359164	4.541251e-01	0.4522412636	0.4461884726
## 5121	2017-09-19	0.4490130226	4.384468e-01	0.4514584727	0.4414690474
## 5122	2017-09-20	0.4430660133	4.347509e-01	0.4456147295	0.4451203608
## 5123	2017-09-21	0.4425432232	4.313997e-01	0.4454604197	0.4357905429
## 5124	2017-09-22	0.4313245642	4.248375e-01	0.4370807491	0.4253816377
## 5125	2017-09-25	0.4185810111	4.073920e-01	0.4133421751	0.4086947771
## 5126	2017-09-26	0.4144202911	4.065408e-01	0.4120852141	0.4073977556

## 5127	2017-09-27	0.4171541725	4.137280e-01	0.4248200330	0.4207712450
## 5128	2017-09-28	0.4213584352	4.184692e-01	0.4323175833	0.4267986019
## 5129	2017-09-29	0.4303442647	4.239970e-01	0.4414470015	0.4321937142
## 5130	2017-10-02	0.4345812358	4.266693e-01	0.4345448217	0.4298394889
## 5131	2017-10-03	0.4280460871	4.227686e-01	0.4326153017	0.4275615021
## 5132	2017-10-04	0.4239180754	4.271865e-01	0.4366727989	0.4366624757
## 5133	2017-10-05	0.4411163845	4.419704e-01	0.4538620957	0.4534473930
## 5134	2017-10-06	0.4472594407	4.573147e-01	0.4604775929	0.4629625463
## 5135	2017-10-09	0.4664291831	4.602779e-01	0.4735542093	0.4644993213
## 5136	2017-10-10	0.4701651022	4.596853e-01	0.4653950696	0.4603685021
## 5137	2017-10-11	0.4642835086	4.570453e-01	0.4726721562	0.4688699605
## 5138	2017-10-12	0.4703176053	4.709887e-01	0.4789568918	0.4753332511
## 5139	2017-10-13	0.4814164684	4.702668e-01	0.4884721875	0.4775240248
## 5140	2017-10-16	0.4829849063	4.722063e-01	0.4884831571	0.4812298216
## 5141	2017-10-17	0.4798807379	4.742536e-01	0.4921658137	0.4842707086
## 5142	2017-10-18	0.4838889548	4.859343e-01	0.4835325711	0.4710498250
## 5143	2017-10-19	0.4629002137	4.522502e-01	0.4655494466	0.4597254126
## 5144	2017-10-20	0.4667450911	4.560970e-01	0.4674900035	0.4556926502
## 5145	2017-10-23	0.4593385358	4.476491e-01	0.4459896374	0.4375888919
## 5146	2017-10-24	0.4400271931	4.401817e-01	0.4487460946	0.4480522807
## 5147	2017-10-25	0.4498299162	4.451276e-01	0.4501132864	0.4447933277
## 5148	2017-10-26	0.4523677508	4.434682e-01	0.4526602506	0.4442701820
## 5149	2017-10-27	0.5371177358	5.756614e-01	0.5430721135	0.5843482288
## 5150	2017-10-30	0.5772762194	5.942060e-01	0.5904942139	0.5951385853
## 5151	2017-10-31	0.5925139969	5.810061e-01	0.5988296699	0.5890677205
## 5152	2017-11-01	0.5885929338	5.793143e-01	0.5940003514	0.5873238561
## 5153	2017-11-02	0.5803260088	5.717391e-01	0.5831178639	0.5770130066
## 5154	2017-11-03	0.5730719556	5.833120e-01	0.5849371532	0.5959560345
## 5155	2017-11-06	0.5926774018	5.970292e-01	0.6072644564	0.6058308839
## 5156	2017-11-07	0.6096578596	6.026216e-01	0.6168899829	0.6085666248
## 5157	2017-11-08	0.6075665640	6.079447e-01	0.6186651248	0.6191498244
## 5158	2017-11-09	0.6109866415	6.015656e-01	0.6149825366	0.6150625784
## 5159	2017-11-10	0.6111391447	6.038608e-01	0.6241229916	0.6109426029
## 5160	2017-11-13	0.6077626773	6.126428e-01	0.6222264465	0.6151062182
## 5161	2017-11-14	0.6155068122	6.105954e-01	0.6239355040	0.6234659136
## 5162	2017-11-15	0.6121303459	6.038608e-01	0.6214436557	0.6124030740
## 5163	2017-11-16	0.6155613252	6.107679e-01	0.6307274520	0.6239564627
## 5164	2017-11-17	0.6244055543	6.114575e-01	0.6260525116	0.6158800276
## 5165	2017-11-20	0.6151365253	6.056603e-01	0.6224580804	0.6119890284
## 5166	2017-11-21	0.6185020887	6.127505e-01	0.6286875656	0.6263542602
## 5167	2017-11-22	0.6273681235	6.345924e-01	0.6428006804	0.6445234787
## 5168	2017-11-24	0.6488251418	6.632227e-01	0.6645215090	0.6770470200
## 5169	2017-11-27	0.6945277057	6.918531e-01	0.6980952380	0.6877610060
## 5170	2017-11-28	0.6969456792	6.831572e-01	0.6951954406	0.6853304789
## 5171	2017-11-29	0.6859666772	6.718000e-01	0.6474204376	0.6500930173
## 5172	2017-11-30	0.6557959944	6.543113e-01	0.6637497550	0.6669651467
## 5173	2017-12-01	0.6611875716	6.554752e-01	0.6549290920	0.6512700961
## 5174	2017-12-04	0.6631480367	6.506800e-01	0.6284671031	0.6203159930
## 5175	2017-12-05	0.6134918353	6.335148e-01	0.6248726719	0.6286212713
## 5176	2017-12-06	0.6240896463	6.298727e-01	0.6373759242	0.6403707736

## 5177	2017-12-07	0.6443485813	6.377387e-01	0.6538265092	0.6484799382
## 5178	2017-12-08	0.6593903785	6.480832e-01	0.6605522382	0.6508886460
## 5179	2017-12-11	0.6530730157	6.449691e-01	0.6604420064	0.6584310251
## 5180	2017-12-12	0.6551534085	6.489560e-01	0.6655248969	0.6542455894
## 5181	2017-12-13	0.6589546757	6.460143e-01	0.6640474744	0.6532102071
## 5182	2017-12-14	0.6521036190	6.536218e-01	0.6664510290	0.6642512263
## 5183	2017-12-15	0.6687901062	6.588155e-01	0.6740368047	0.6695701011
## 5184	2017-12-18	0.6778739259	6.717784e-01	0.6868048004	0.6820388617
## 5185	2017-12-19	0.6798127183	6.698280e-01	0.6848532078	0.6785511319
## 5186	2017-12-20	0.6812831006	6.677053e-01	0.6813910810	0.6679133823
## 5187	2017-12-21	0.6653809315	6.549580e-01	0.6721735047	0.6647961924
## 5188	2017-12-22	0.6612201460	6.500551e-01	0.6723829304	0.6578205988
## 5189	2017-12-26	0.6571683854	6.540420e-01	0.6643562296	0.6669760569
## 5190	2017-12-27	0.6697486001	6.637076e-01	0.6809610571	0.6729706843
## 5191	2017-12-28	0.6796493134	6.667355e-01	0.6906307310	0.6771559870
## 5192	2017-12-29	0.6724061641	6.601625e-01	0.6720191266	0.6590304083
## 5193	2018-01-02	0.6611330587	6.666277e-01	0.6753379121	0.6803277269
## 5194	2018-01-03	0.6788869328	6.833189e-01	0.6949529044	0.6968837335
## 5195	2018-01-04	0.6970763767	6.945038e-01	0.7129911437	0.7027584846
## 5196	2018-01-05	0.7107021727	7.088029e-01	0.7188788987	0.7240667135
## 5197	2018-01-08	0.7308413118	7.345992e-01	0.7431688314	0.7433911905
## 5198	2018-01-09	0.7536054394	7.413339e-01	0.7538969418	0.7497454475
## 5199	2018-01-10	0.7408074398	7.359461e-01	0.7489022083	0.7515220425
## 5200	2018-01-11	0.7566987061	7.601263e-01	0.7701048560	0.7758821351
## 5201	2018-01-12	0.7715661967	7.913643e-01	0.7887716436	0.8069668906
## 5202	2018-01-16	0.8256009685	8.281947e-01	0.8096215233	0.8065963507
## 5203	2018-01-17	0.8138812576	8.002433e-01	0.7970299783	0.7958496350
## 5204	2018-01-18	0.7939599033	7.901143e-01	0.8004921051	0.7940184900
## 5205	2018-01-19	0.8136198625	7.991657e-01	0.8103822404	0.7953918155
## 5206	2018-01-22	0.7974672011	8.147362e-01	0.8144287680	0.8310654103
## 5207	2018-01-23	0.8420368306	8.550903e-01	0.8592817644	0.8694637016
## 5208	2018-01-24	0.8820428109	8.801540e-01	0.8600095066	0.8639813108
## 5209	2018-01-25	0.8746145840	8.695725e-01	0.8816421770	0.8862594616
## 5210	2018-01-26	0.9007660818	8.956384e-01	0.9073213752	0.9125269356
## 5211	2018-01-29	0.9194675470	9.267363e-01	0.9288547162	0.9295625821
## 5212	2018-01-30	0.9129214955	9.352058e-01	0.9195489818	0.9515136999
## 5213	2018-01-31	0.9653442857	9.711203e-01	0.9835429348	0.9657591896
## 5214	2018-02-01	0.9584823261	9.574355e-01	0.9119852798	0.8993931986
## 5215	2018-02-02	0.9937612537	9.985115e-01	0.9438058050	0.9429359385
## 5216	2018-02-05	0.9123223868	9.564657e-01	0.8409568425	0.8993931986
## 5217	2018-02-06	0.8674912294	9.403133e-01	0.8752141674	0.9569851816
## 5218	2018-02-07	0.9628390920	9.586316e-01	0.9450738017	0.9285816159
## 5219	2018-02-08	0.9417959719	9.292793e-01	0.8731742810	0.8563408748
## 5220	2018-02-09	0.8805942342	8.751327e-01	0.7805464184	0.8444605872
## 5221	2018-02-12	0.8709876244	8.862422e-01	0.8666360407	0.8952841323
## 5222	2018-02-13	0.8941438457	9.141613e-01	0.9102101368	0.9261074489
## 5223	2018-02-14	0.9162761572	9.490092e-01	0.9320743067	0.9659336158
## 5224	2018-02-15	0.9823247435	9.671980e-01	0.9689887603	0.9776067477
## 5225	2018-02-16	0.9719556190	9.638146e-01	0.9797059684	0.9633612580
## 5226	2018-02-20	0.9601052105	9.885658e-01	0.9796287115	0.9847893641

## 5227	2018-02-21	1.0020499844	1.004427e+00	1.0153855337	1.0006697511
## 5228	2018-02-22	1.0133339915	1.003404e+00	1.0119013343	1.0033073021
## 5229	2018-02-23	1.0133121870	1.000667e+00	1.0237430633	1.0192857460
## 5230	2018-02-26	1.0284083642	1.025278e+00	1.0463460122	1.0432097054
## 5231	2018-02-27	1.0450730469	1.029523e+00	1.0465775116	1.0323431125
## 5232	2018-02-28	1.0396379924	1.031592e+00	1.0518589266	1.0328553490
## 5233	2018-03-01	1.0332008339	1.020590e+00	1.0000375315	1.0121466363
## 5234	2018-03-02	0.9847318141	1.001798e+00	0.9890227397	1.0195582290
## 5235	2018-03-05	1.0121141025	1.028015e+00	1.0176788575	1.0450190300
## 5236	2018-03-06	1.0545489592	1.046064e+00	1.0695002526	1.0603108121
## 5237	2018-03-07	1.0472732354	1.050126e+00	1.0634470836	1.0683326971
## 5238	2018-03-08	1.0728474290	1.059802e+00	1.0885198072	1.0758096160
## 5239	2018-03-09	1.0875515137	1.085728e+00	1.1037684798	1.1052705174
## 5240	2018-03-12	1.1192469589	1.114164e+00	1.1342218133	1.1265241962
## 5241	2018-03-13	1.1446904550	1.127321e+00	1.1246404331	1.1153960305
## 5242	2018-03-14	1.1240394275	1.115360e+00	1.1388417061	1.1184695806
## 5243	2018-03-15	1.1218610445	1.105092e+00	1.1247506639	1.1090089098
## 5244	2018-03-16	1.1092808299	1.097042e+00	1.1130522761	1.0974121484
## 5245	2018-03-19	1.0777814979	1.067108e+00	1.0665783815	1.0682564607
## 5246	2018-03-20	1.0732177171	1.094413e+00	1.0886962579	1.1135757957
## 5247	2018-03-21	1.1125484042	1.097646e+00	1.1082781408	1.1085075835
## 5248	2018-03-22	1.0896971893	1.080243e+00	1.0853774724	1.0682455505
## 5249	2018-03-23	1.0608772258	1.053488e+00	1.0335119311	1.0144465111
## 5250	2018-03-26	1.0510635999	1.062076e+00	1.0378009950	1.0801693450
## 5251	2018-03-27	1.0972453438	1.082528e+00	1.0191342074	1.0160704992
## 5252	2018-03-28	0.9606607091	9.531469e-01	0.9131209721	0.9445382403
## 5253	2018-03-29	0.9160038594	9.526835e-01	0.8899997067	0.9618898767
## 5254	2018-04-02	0.9286602586	9.159285e-01	0.8787534154	0.8797635079
## 5255	2018-04-03	0.9000798857	9.079978e-01	0.8791172193	0.9016276131
## 5256	2018-04-04	0.8639840645	9.094956e-01	0.8764159452	0.9218130461
## 5257	2018-04-05	0.9552038490	9.570908e-01	0.9582165036	0.9666965150
## 5258	2018-04-06	0.9421117470	9.494832e-01	0.9286563273	0.9159928450
## 5259	2018-04-09	0.9367312044	9.343760e-01	0.9312032232	0.9169192612
## 5260	2018-04-10	0.9443119344	9.342683e-01	0.9456801418	0.9497698355
## 5261	2018-04-11	0.9524263574	9.454748e-01	0.9558129490	0.9397752418
## 5262	2018-04-12	0.9524917731	9.490738e-01	0.9670262654	0.9631542352
## 5263	2018-04-13	0.9629915951	9.573278e-01	0.9554049989	0.9438515775
## 5264	2018-04-16	0.9584823261	9.435567e-01	0.9586686001	0.9555247094
## 5265	2018-04-17	0.9773253917	1.008414e+00	0.9912389423	1.0234601385
## 5266	2018-04-18	1.0343445372	1.037088e+00	1.0431595312	1.0496294227
## 5267	2018-04-19	1.0654626794	1.074500e+00	1.0816948842	1.0813138273
## 5268	2018-04-20	1.0850463200	1.066612e+00	1.0563684531	1.0492479726
## 5269	2018-04-23	1.0692421410	1.052389e+00	1.0423877772	1.0387519196
## 5270	2018-04-24	1.0573809637	1.043230e+00	0.9817897310	0.9757865129
## 5271	2018-04-25	0.9726418151	9.683295e-01	0.9449304616	0.9758737925
## 5272	2018-04-26	1.0020608872	1.032368e+00	1.0149224003	1.0388608866
## 5273	2018-04-27	1.1643504141	1.149476e+00	1.1129310085	1.0984366204
## 5274	2018-04-30	1.1082461513	1.104111e+00	1.1058192674	1.0913629710
## 5275	2018-05-01	1.0872465085	1.092258e+00	1.0961607660	1.1089435836
## 5276	2018-05-02	1.1065905585	1.096029e+00	1.1117953151	1.0952322839

## 5277	2018-05-03	1.0837502464	1.081267e+00	1.0893688180	1.0978480145
## 5278	2018-05-04	1.0864078093	1.092150e+00	1.1071974960	1.1075157081
## 5279	2018-05-07	1.1156961839	1.115910e+00	1.1354677374	1.1284315777
## 5280	2018-05-08	1.1218610445	1.105059e+00	1.1296020561	1.1199846027
## 5281	2018-05-09	1.1273070018	1.117041e+00	1.1400655565	1.1369984288
## 5282	2018-05-10	1.1365433236	1.125231e+00	1.1526790395	1.1381755076
## 5283	2018-05-11	1.1392772050	1.120382e+00	1.1465597862	1.1314507107
## 5284	2018-05-14	1.1316637676	1.120468e+00	1.1489414027	1.1299575090
## 5285	2018-05-15	1.1140189194	1.095275e+00	1.1105383552	1.1022513832
## 5286	2018-05-16	1.1028001941	1.102419e+00	1.1231630096	1.1144150642
## 5287	2018-05-17	1.1061331842	1.101999e+00	1.1191164819	1.1083986175
## 5288	2018-05-18	1.1069717494	1.090739e+00	1.1181241309	1.1003440018
## 5289	2018-05-21	1.1109691300	1.099855e+00	1.1213216477	1.1124313134
## 5290	2018-05-22	1.1162952925	1.097527e+00	1.1215972934	1.1080062571
## 5291	2018-05-23	1.0957749625	1.110425e+00	1.1117732425	1.1303062284
## 5292	2018-05-24	1.1251613262	1.117300e+00	1.1360742120	1.1316250039
## 5293	2018-05-25	1.1305745762	1.123636e+00	1.1493823278	1.1393418093
## 5294	2018-05-29	1.1280802853	1.131901e+00	1.1490516334	1.1423063934
## 5295	2018-05-30	1.1470213410	1.136437e+00	1.1631426756	1.1554074008
## 5296	2018-05-31	1.1523584053	1.146135e+00	1.1724263374	1.1605627585
## 5297	2018-06-01	1.1676397930	1.158775e+00	1.1875758151	1.1735547989
## 5298	2018-06-04	1.1805684902	1.179194e+00	1.1990427034	1.1994188704
## 5299	2018-06-05	1.2068070753	1.215098e+00	1.2261332407	1.2332939168
## 5300	2018-06-06	1.2411384118	1.231800e+00	1.2442265286	1.2326399836
## 5301	2018-06-07	1.2346577760	1.216068e+00	1.2328037855	1.2256099740
## 5302	2018-06-08	1.2156622073	1.204797e+00	1.2293858062	1.2198223694
## 5303	2018-06-11	1.2160870083	1.209969e+00	1.2377433358	1.2254137273
## 5304	2018-06-12	1.2286018072	1.215648e+00	1.2497946262	1.2359097803
## 5305	2018-06-13	1.2392868397	1.230992e+00	1.2592768113	1.2425692500
## 5306	2018-06-14	1.2509084265	1.242899e+00	1.2689244115	1.2632779627
## 5307	2018-06-15	1.2514748278	1.238664e+00	1.2685385350	1.2546783820
## 5308	2018-06-18	1.2430444968	1.244989e+00	1.2619671841	1.2632017263
## 5309	2018-06-19	1.2460724807	1.255086e+00	1.2595745308	1.2751800708
## 5310	2018-06-20	1.2825167843	1.283986e+00	1.3047473180	1.2918559547
## 5311	2018-06-21	1.3015776348	1.284169e+00	1.2785059272	1.2702099166
## 5312	2018-06-22	1.2826474818	1.262510e+00	1.2722652696	1.2543514819
## 5313	2018-06-25	1.2389600289	1.221563e+00	1.1999468975	1.1971082184
## 5314	2018-06-26	1.2061317820	1.217867e+00	1.2187237813	1.2275608622
## 5315	2018-06-27	1.2450594738	1.229052e+00	1.2150411919	1.1942307820
## 5316	2018-06-28	1.2063169925	1.222102e+00	1.2163312624	1.2388525440
## 5317	2018-06-29	1.2547424022	1.241401e+00	1.2528817766	1.2370542626
## 5318	2018-07-02	1.2173830819	1.231143e+00	1.2349539037	1.2522914936
## 5319	2018-07-03	1.2623231322	1.243114e+00	1.2508530616	1.2306889623
## 5320	2018-07-05	1.2420860029	1.227694e+00	1.2394634291	1.2369778921
## 5321	2018-07-06	1.2318693816	1.232630e+00	1.2499600401	1.2488581809
## 5322	2018-07-09	1.2624212553	1.258803e+00	1.2770394049	1.2798013738
## 5323	2018-07-10	1.2781927258	1.270053e+00	1.2933245760	1.2842155187
## 5324	2018-07-11	1.2776045199	1.277552e+00	1.2966323246	1.2972184693
## 5325	2018-07-12	1.3064898991	1.321775e+00	1.3277031695	1.3425814440
## 5326	2018-07-13	1.3494258743	1.340417e+00	1.3641434519	1.3604672693

##	5327	2018-07-16	1.3690529921	1.369133e+00	1.3853350628	1.3707779858
##	5328	2018-07-17	1.3577364105	1.379628e+00	1.3665140327	1.3941462030
##	5329	2018-07-18	1.3974264829	1.387376e+00	1.4038805828	1.3930453605
##	5330	2018-07-19	1.3772328308	1.368109e+00	1.3818289253	1.3604018101
##	5331	2018-07-20	1.3723859822	1.361472e+00	1.3804948430	1.3611974389
##	5332	2018-07-23	1.3584442782	1.344403e+00	1.3363142712	1.3484452850
##	5333	2018-07-24	1.3767427481	1.367032e+00	1.3797450271	1.3781350285
##	5334	2018-07-25	1.3770586561	1.392720e+00	1.3943652871	1.4155959944
##	5335	2018-07-26	1.3876237598	1.372075e+00	1.3743644172	1.3549848785
##	5336	2018-07-27	1.4279783566	1.410188e+00	1.3766026924	1.3650885722
##	5337	2018-07-30	1.3749128476	1.355718e+00	1.3319370503	1.3236165967
##	5338	2018-07-31	1.3304303056	1.325902e+00	1.3024980060	1.3216764846
##	5339	2018-08-01	1.3277182297	1.322249e+00	1.3429628790	1.3431809602
##	5340	2018-08-02	1.3329136948	1.363325e+00	1.3539666340	1.3836827466
##	5341	2018-08-03	1.3862513677	1.368109e+00	1.3931083261	1.3716499850
##	5342	2018-08-06	1.3732573888	1.375404e+00	1.3902637108	1.3983096853
##	5343	2018-08-07	1.4045389347	1.399056e+00	1.4204193259	1.4143643655
##	5344	2018-08-08	1.4115859718	1.422536e+00	1.4294935609	1.4405663804
##	5345	2018-08-09	1.4344589924	1.447384e+00	1.4548308933	1.4536455674
##	5346	2018-08-10	1.4415496397	1.431146e+00	1.4556357578	1.4403266269
##	5347	2018-08-13	1.4524306514	1.458623e+00	1.4726817806	1.4511168494
##	5348	2018-08-14	1.4751838773	1.454324e+00	1.4796610817	1.4766758401
##	5349	2018-08-15	1.4644662704	1.449151e+00	1.4463520960	1.4363156174
##	5350	2018-08-16	1.4583557887	1.437072e+00	1.4615236474	1.4405663804
##	5351	2018-08-17	1.4385979733	1.418754e+00	1.4306513269	1.4358796183
##	5352	2018-08-20	1.4437933044	1.422795e+00	1.4422394840	1.4298740807
##	5353	2018-08-21	1.4322806095	1.429260e+00	1.4514460234	1.4371876166
##	5354	2018-08-22	1.4286209425	1.437934e+00	1.4539047623	1.4605993395
##	5355	2018-08-23	1.4618739893	1.452697e+00	1.4804990557	1.4584194750
##	5356	2018-08-24	1.4655118517	1.448936e+00	1.4824616852	1.4611333965
##	5357	2018-08-27	1.4704023105	1.461532e+00	1.4898930827	1.4854280288
##	5358	2018-08-28	1.4951596105	1.476704e+00	1.5114374605	1.4910301628
##	5359	2018-08-29	1.5122816686	1.538027e+00	1.5336214225	1.5621809727
##	5360	2018-08-30	1.5601735182	1.566992e+00	1.5754755599	1.5668459143
##	5361	2018-08-31	1.5706079244	1.563554e+00	1.5951456008	1.5781048665
##	5362	2018-09-04	1.5918471578	1.593855e+00	1.6042529464	1.6073151042
##	5363	2018-09-05	1.6044926543	1.582950e+00	1.5787722727	1.5586059622
##	5364	2018-09-06	1.5700742315	1.547521e+00	1.5184829817	1.5188126590
##	5365	2018-09-07	1.4962269974	1.512716e+00	1.5208425255	1.5120113586
##	5366	2018-09-10	1.5313970320	1.510388e+00	1.5144145159	1.4977769132
##	5367	2018-09-11	1.4848559029	1.527457e+00	1.4984049905	1.5502462669
##	5368	2018-09-12	1.55644484355	1.539439e+00	1.5485062913	1.5533525477
##	5369	2018-09-13	1.5629835842	1.548878e+00	1.5701059868	1.5532108510
##	5370	2018-09-14	1.5552830594	1.532597e+00	1.5449560075	1.5317609255
##	5371	2018-09-17	1.5136758652	1.492911e+00	1.4657796008	1.4640108329
##	5372	2018-09-18	1.4743778854	1.494398e+00	1.4966848962	1.5000004175
##	5373	2018-09-19	1.4981766926	1.475681e+00	1.4850637642	1.4840547033
##	5374	2018-09-20	1.4960853971	1.490949e+00	1.5152193793	1.5035426973
##	5375	2018-09-21	1.5131203678	1.493439e+00	1.4912382018	1.4716185393
##	5376	2018-09-24	1.4581925167	1.471424e+00	1.4410706811	1.4927087010

## 5377	2018-09-25	1.5007907782	1.513481e+00	1.5224963999	1.5365131478
## 5378	2018-09-26	1.5286740534	1.534321e+00	1.5474920021	1.5368400479
## 5379	2018-09-27	1.5556206391	1.556852e+00	1.5773278241	1.5783991689
## 5380	2018-09-28	1.5677869556	1.568016e+00	1.5860161827	1.5675216669
## 5381	2018-10-01	1.5869348934	1.575203e+00	1.5938886409	1.5690039584
## 5382	2018-10-02	1.5629726814	1.553867e+00	1.5521779793	1.5329817782
## 5383	2018-10-03	1.5430513272	1.528340e+00	1.5345807997	1.5127634816
## 5384	2018-10-04	1.5074348200	1.492027e+00	1.4758791629	1.4655258550
## 5385	2018-10-05	1.4736589820	1.463019e+00	1.4386780277	1.4439778727
## 5386	2018-10-08	1.4257454608	1.433840e+00	1.4032080227	1.4164789039
## 5387	2018-10-09	1.4104858776	1.428107e+00	1.4270898707	1.4229093973
## 5388	2018-10-10	1.4081986027	1.387031e+00	1.3191360785	1.2974909524
## 5389	2018-10-11	1.2623667424	1.275872e+00	1.2427159956	1.2583732676
## 5390	2018-10-12	1.3538588247	1.333574e+00	1.3060373885	1.3338510758
## 5391	2018-10-15	1.3396993357	1.318596e+00	1.2968858966	1.3037035128
## 5392	2018-10-16	1.3271736340	1.349662e+00	1.3270085368	1.3680204256
## 5393	2018-10-17	1.3917518379	1.372420e+00	1.3771208744	1.3808489489
## 5394	2018-10-18	1.3685520065	1.356418e+00	1.3339768010	1.3143521726
## 5395	2018-10-19	1.3289817288	1.333736e+00	1.3175813992	1.3070605891
## 5396	2018-10-22	1.3277182297	1.334167e+00	1.3208891478	1.3346031988
## 5397	2018-10-23	1.2822335836	1.298435e+00	1.2745806671	1.3121504877
## 5398	2018-10-24	1.3164995044	1.299912e+00	1.2112483719	1.1982525677
## 5399	2018-10-25	1.2398640099	1.318338e+00	1.2503348808	1.3268319764
## 5400	2018-10-26	1.1813199691	1.214516e+00	1.1521939681	1.1749390346
## 5401	2018-10-29	1.1926584892	1.179259e+00	1.0331150178	1.0616623172
## 5402	2018-10-30	1.0033134835	1.044835e+00	1.0125628565	1.0524415329
## 5403	2018-10-31	1.0946203553	1.134185e+00	1.1103950139	1.1261100165
## 5404	2018-11-01	1.1529357084	1.184334e+00	1.1471661252	1.1997022626
## 5405	2018-11-02	1.2129065213	1.213417e+00	1.2060330413	1.1997022626
## 5406	2018-11-05	1.1900116951	1.171016e+00	1.1448728013	1.1585791407
## 5407	2018-11-06	1.1472936389	1.178462e+00	1.1649288544	1.1749390346
## 5408	2018-11-07	1.2068179781	1.279999e+00	1.2195396816	1.2977525252
## 5409	2018-11-08	1.2961316775	1.306689e+00	1.2868303463	1.2971204124
## 5410	2018-11-09	1.2716248697	1.263501e+00	1.2612063314	1.2508201123
## 5411	2018-11-12	1.2343091596	1.225389e+00	1.1819747426	1.1684429480
## 5412	2018-11-13	1.1809932912	1.191457e+00	1.1640467340	1.1622522069
## 5413	2018-11-14	1.1886502058	1.187082e+00	1.1456555922	1.1271999488
## 5414	2018-11-15	1.1066232670	1.135166e+00	1.0899090726	1.1494671894
## 5415	2018-11-16	1.1136921086	1.124024e+00	1.1192487863	1.1210963543
## 5416	2018-11-19	1.1022665011	1.088152e+00	1.0423325940	1.0326810558
## 5417	2018-11-20	0.9503133902	1.038111e+00	0.9504213022	1.0143374110
## 5418	2018-11-21	1.0652121860	1.054544e+00	1.0551666752	1.0375202907
## 5419	2018-11-23	1.0369041110	1.039674e+00	1.0406236722	1.0215310707
## 5420	2018-11-26	1.0608663230	1.092053e+00	1.0653324574	1.1079298878
## 5421	2018-11-27	1.1011555041	1.105889e+00	1.1025887757	1.1080280776
## 5422	2018-11-28	1.1424685948	1.196187e+00	1.1502313386	1.2130212031
## 5423	2018-11-29	1.2089854582	1.205389e+00	1.2065843328	1.2084652274
## 5424	2018-11-30	1.2138977226	1.211865e+00	1.2222079806	1.2265582096
## 5425	2018-12-03	1.3118813435	1.300590e+00	1.2922219931	1.3161396768
## 5426	2018-12-04	1.2972208690	1.291970e+00	1.2205541063	1.2028303627

## 5427	2018-12-06	1.1435032733	1.217307e+00	1.1597466344	1.2363892862
## 5428	2018-12-07	1.2417482893	1.236574e+00	1.1769579365	1.1600287026
## 5429	2018-12-10	1.1532732891	1.170908e+00	1.1388196324	1.1729989225
## 5430	2018-12-11	1.2122639354	1.194054e+00	1.1704968174	1.1754076303
## 5431	2018-12-12	1.2024612123	1.221553e+00	1.2153389114	1.1975333084
## 5432	2018-12-13	1.2144423183	1.207685e+00	1.1946434088	1.1919092209
## 5433	2018-12-14	1.1686962772	1.154292e+00	1.1323474764	1.1194614560
## 5434	2018-12-17	1.0902744923	1.082700e+00	1.0441518834	1.0420762663
## 5435	2018-12-18	1.0619555145	1.073455e+00	1.0639983751	1.0753954363
## 5436	2018-12-19	1.0652776018	1.091752e+00	1.0200825477	1.0139232313
## 5437	2018-12-20	1.0009607929	1.010903e+00	0.9644130138	0.9765930518
## 5438	2018-12-21	0.9802552525	9.791157e-01	0.8886325150	0.8857144955
## 5439	2018-12-24	0.8506523720	8.886343e-01	0.8258294375	0.8492126754
## 5440	2018-12-26	0.8755839808	9.717454e-01	0.8875851153	0.9875687437
## 5441	2018-12-27	0.9685028342	9.672627e-01	0.9176856817	0.9774759613
## 5442	2018-12-28	0.9893608778	1.015181e+00	0.9823962056	0.9953290569
## 5443	2018-12-31	1.0301511773	1.023036e+00	1.0242943548	1.0214328809
## 5444	2019-01-02	0.9804839402	1.058164e+00	0.9955500788	1.0619348003
## 5445	2019-01-03	1.0401825882	1.041613e+00	1.0354414511	1.0195909586
## 5446	2019-01-04	1.0510635999	1.101956e+00	1.0588162896	1.1014557545
## 5447	2019-01-07	1.1298230983	1.145661e+00	1.1369672336	1.1604428823
## 5448	2019-01-08	1.1977667329	1.190972e+00	1.1672001045	1.1899472894
## 5449	2019-01-09	1.1850123434	1.181479e+00	1.1945331770	1.1930427929
## 5450	2019-01-10	1.1719747543	1.176576e+00	1.1727240557	1.1895549302
## 5451	2019-01-11	1.1714737687	1.173386e+00	1.1888217392	1.1724866871
## 5452	2019-01-14	1.1436448737	1.160359e+00	1.1435387190	1.1470366623
## 5453	2019-01-15	1.1621611284	1.189409e+00	1.1775644111	1.2095443835
## 5454	2019-01-16	1.2190386747	1.221563e+00	1.2325502135	1.2195935262
## 5455	2019-01-17	1.2144423183	1.216359e+00	1.2343363922	1.2298824234
## 5456	2019-01-18	1.2492964449	1.233632e+00	1.2498166988	1.2331303997
## 5457	2019-01-22	1.2155315098	1.196640e+00	1.1601325108	1.1633421392
## 5458	2019-01-23	1.1883017234	1.170305e+00	1.1621172140	1.1718980812
## 5459	2019-01-24	1.1720400361	1.170121e+00	1.1839263352	1.1881490080
## 5460	2019-01-25	1.2040949995	1.198375e+00	1.2168163338	1.2051954307
## 5461	2019-01-28	1.1747848204	1.156911e+00	1.1644215747	1.1695765200
## 5462	2019-01-29	1.1613660404	1.143312e+00	1.1386542185	1.1216085909
## 5463	2019-01-30	1.1523584053	1.191338e+00	1.1705851100	1.2050429579
## 5464	2019-01-31	1.2284384024	1.255409e+00	1.2360784247	1.2576866048
## 5465	2019-02-01	1.1696547711	1.187147e+00	1.1731540796	1.1568678719
## 5466	2019-02-04	1.1523584053	1.161900e+00	1.1637710883	1.1645846783
## 5467	2019-02-05	1.1745125225	1.178742e+00	1.1957459916	1.1923779506
## 5468	2019-02-06	1.2043672973	1.186284e+00	1.1856462950	1.1721596540
## 5469	2019-02-07	1.1545367882	1.135942e+00	1.1410689444	1.1439412917
## 5470	2019-02-08	1.1120583214	1.096126e+00	1.1122363758	1.1154395373
## 5471	2019-02-11	1.1283743877	1.118432e+00	1.1334500593	1.1184695806
## 5472	2019-02-12	1.1316637676	1.150876e+00	1.1476513322	1.1697073065
## 5473	2019-02-13	1.1784990003	1.169173e+00	1.1898030534	1.1718762607
## 5474	2019-02-14	1.1539921925	1.149260e+00	1.1555679368	1.1529659624
## 5475	2019-02-15	1.1576518595	1.139573e+00	1.1538478424	1.1369438788
## 5476	2019-02-19	1.1283961933	1.145058e+00	1.1495037310	1.1583392542

## 5477	2019-02-20	1.1599827455	1.146060e+00	1.1600443527	1.1523664473
## 5478	2019-02-21	1.1489274261	1.133808e+00	1.1498896074	1.1494671894
## 5479	2019-02-22	1.1529030010	1.146070e+00	1.1722279475	1.1626772969
## 5480	2019-02-25	1.1724539343	1.167255e+00	1.1823937296	1.1642467350
## 5481	2019-02-26	1.1556041741	1.151512e+00	1.1666708868	1.1679525308
## 5482	2019-02-27	1.1580004759	1.153473e+00	1.1655351944	1.1730642498
## 5483	2019-02-28	1.1657010006	1.164206e+00	1.1861865496	1.1716909243
## 5484	2019-03-01	1.1873541322	1.188440e+00	1.2051179461	1.2064597892
## 5485	2019-03-04	1.2198882756	1.226337e+00	1.2308742655	1.2330978031
## 5486	2019-03-05	1.2394392088	1.224580e+00	1.2470271321	1.2290214674
## 5487	2019-03-06	1.2318366743	1.213751e+00	1.2241706101	1.2034297459
## 5488	2019-03-07	1.2006858248	1.183580e+00	1.1715002053	1.1565626592
## 5489	2019-03-08	1.1316746705	1.132903e+00	1.1340784720	1.1509496150
## 5490	2019-03-11	1.1557566772	1.186317e+00	1.1775644111	1.2052499807
## 5491	2019-03-12	1.2024612123	1.199226e+00	1.2161217011	1.2079529920
## 5492	2019-03-13	1.2177098927	1.216176e+00	1.2363761441	1.2272557826
## 5493	2019-03-14	1.2266412092	1.218331e+00	1.2418780216	1.2222528976
## 5494	2019-03-15	1.2394937218	1.236433e+00	1.2515697681	1.2507437419
## 5495	2019-03-18	1.2500588255	1.270053e+00	1.2730701341	1.2832128661
## 5496	2019-03-19	1.2945087931	1.306862e+00	1.3181437275	1.3046844790
## 5497	2019-03-20	1.3124041336	1.323391e+00	1.3330506689	1.3432899272
## 5498	2019-03-21	1.3410717279	1.349522e+00	1.3553779721	1.3672575265
## 5499	2019-03-22	1.3562224181	1.344382e+00	1.3287284955	1.3078671292
## 5500	2019-03-25	1.2991705641	1.305267e+00	1.3115171934	1.3182105753
## 5501	2019-03-26	1.3375209528	1.330148e+00	1.3400299700	1.3285649317
## 5502	2019-03-27	1.3278598301	1.310461e+00	1.3095105521	1.3088806909
## 5503	2019-03-28	1.3124695493	1.300149e+00	1.3180995812	1.3172950693
## 5504	2019-03-29	1.3305282958	1.316236e+00	1.3436354380	1.3252842247
## 5505	2019-04-01	1.3452650877	1.340815e+00	1.3680024920	1.3617314948
## 5506	2019-04-02	1.3571482047	1.345481e+00	1.3750480131	1.3615026515
## 5507	2019-04-03	1.3742484571	1.356256e+00	1.3800096360	1.3688269646
## 5508	2019-04-04	1.3676371227	1.354909e+00	1.3740335883	1.3668215263
## 5509	2019-04-05	1.3767318452	1.365502e+00	1.3971767918	1.3868981263
## 5510	2019-04-08	1.3813391033	1.378023e+00	1.3970886337	1.4006094260
## 5511	2019-04-09	1.3946926015	1.381137e+00	1.4044429100	1.3853285552
## 5512	2019-04-10	1.3898021427	1.375652e+00	1.4011682719	1.3978518658
## 5513	2019-04-11	1.3981888636	1.377753e+00	1.4138479750	1.3942986758
## 5514	2019-04-12	1.3978621856	1.379424e+00	1.4149395210	1.3931979674
## 5515	2019-04-15	1.3908913342	1.374413e+00	1.3902416371	1.3951706750
## 5516	2019-04-16	1.4010752481	1.399110e+00	1.4223267722	1.4149747919
## 5517	2019-04-17	1.4246453665	1.406330e+00	1.4360428381	1.4169147699
## 5518	2019-04-18	1.4200708158	1.400242e+00	1.4349844016	1.4135032766
## 5519	2019-04-22	1.4054865258	1.419207e+00	1.4197246932	1.4414274694
## 5520	2019-04-23	1.4444795004	1.463213e+00	1.4681721196	1.4811663566
## 5521	2019-04-24	1.4812942250	1.463677e+00	1.4776323667	1.4571660267
## 5522	2019-04-25	1.4725806934	1.455875e+00	1.4800029474	1.4577109929
## 5523	2019-04-26	1.4856509908	1.486639e+00	1.4774559159	1.5104419205
## 5524	2019-04-29	1.5074348200	1.492393e+00	1.5172480943	1.4971448005
## 5525	2019-04-30	1.4868490753	1.470164e+00	1.4873239786	1.4841636703
## 5526	2019-05-01	1.4901057469	1.478709e+00	1.4912933850	1.4678146866

## 5527	2019-05-02	1.4685833128	1.454906e+00	1.4596712486	1.4561523309
## 5528	2019-05-03	1.5074348200	1.501078e+00	1.5193540651	1.5233357710
## 5529	2019-05-06	1.4736480792	1.495260e+00	1.4912382018	1.5103547739
## 5530	2019-05-07	1.4976211941	1.484592e+00	1.4833878173	1.4781472225
## 5531	2019-05-08	1.4746174760	1.469797e+00	1.4906869104	1.4746267632
## 5532	2019-05-09	1.4540644386	1.441813e+00	1.4531990927	1.4551169487
## 5533	2019-05-10	1.4518860557	1.435768e+00	1.4311474352	1.4443375024
## 5534	2019-05-13	1.3849661969	1.374079e+00	1.3892492860	1.3709851427
## 5535	2019-05-14	1.3881683555	1.380436e+00	1.3867684745	1.3899934968
## 5536	2019-05-15	1.3755881408	1.404132e+00	1.3947622004	1.4238141261
## 5537	2019-05-16	1.4387503425	1.450552e+00	1.4601343820	1.4635093736
## 5538	2019-05-17	1.4464946114	1.443031e+00	1.4436396507	1.4214707456
## 5539	2019-05-20	1.4025347266	1.396966e+00	1.4085886326	1.4105386935
## 5540	2019-05-21	1.4266059645	1.409056e+00	1.4201216065	1.4089583452
## 5541	2019-05-22	1.4015436582	1.400964e+00	1.4256345208	1.4113126359
## 5542	2019-05-23	1.3849987714	1.371342e+00	1.3740335883	1.3631375499
## 5543	2019-05-24	1.3842363907	1.368928e+00	1.3890838721	1.3716390748
## 5544	2019-05-28	1.3808163132	1.377021e+00	1.3995584094	1.3859717111
## 5545	2019-05-29	1.3703273940	1.356256e+00	1.3777052753	1.3671811560
## 5546	2019-05-30	1.3729087723	1.355685e+00	1.3780359697	1.3640530559
## 5547	2019-05-31	1.3342642813	1.319178e+00	1.3393022278	1.3190933507
## 5548	2019-06-03	1.3015885376	1.287606e+00	1.2282721864	1.2293047266
## 5549	2019-06-04	1.2353983510	1.249385e+00	1.2380741647	1.2694906572
## 5550	2019-06-05	1.2902500175	1.272208e+00	1.2759588957	1.2792345872
## 5551	2019-06-06	1.2772995148	1.280828e+00	1.2879550029	1.2965208963
## 5552	2019-06-07	1.3056075898	1.330665e+00	1.3247371510	1.3506578790
## 5553	2019-06-10	1.3691075051	1.415381e+00	1.3892492860	1.4123480181
## 5554	2019-06-11	1.4358204817	1.424896e+00	1.4333526010	1.4156940513
## 5555	2019-06-12	1.4039398260	1.393970e+00	1.4183354277	1.4065604136
## 5556	2019-06-13	1.4178161154	1.413463e+00	1.4380054687	1.4228877109
## 5557	2019-06-14	1.4148535462	1.405823e+00	1.4344551838	1.4222010482
## 5558	2019-06-17	1.4284684394	1.427040e+00	1.4525926181	1.4400323234
## 5559	2019-06-18	1.4555348209	1.455035e+00	1.4794295823	1.4567518470
## 5560	2019-06-19	1.4626036626	1.452783e+00	1.4713586006	1.4648391923
## 5561	2019-06-20	1.4903671419	1.469614e+00	1.4860561164	1.4750844486
## 5562	2019-06-21	1.4716003949	1.459647e+00	1.4880186113	1.4675749331
## 5563	2019-06-24	1.4678536395	1.449852e+00	1.4810944934	1.4704087297
## 5564	2019-06-25	1.4669604284	1.449346e+00	1.4492518945	1.4315744393
## 5565	2019-06-26	1.4458736971	1.435779e+00	1.4656802713	1.4528934444
## 5566	2019-06-27	1.4562428215	1.443796e+00	1.4775000622	1.4599235869
## 5567	2019-06-28	1.4639760547	1.445628e+00	1.4620197557	1.4483157823
## 5568	2019-07-01	1.4790940365	1.463817e+00	1.4958249841	1.4794441776
## 5569	2019-07-02	1.4751729745	1.469172e+00	1.4869712116	1.4926542851
## 5570	2019-07-03	1.4931555363	1.476500e+00	1.5132898593	1.4977660030
## 5571	2019-07-05	1.4852152881	1.481144e+00	1.5075564824	1.5020276751
## 5572	2019-07-08	1.4912276457	1.492027e+00	1.5108090479	1.5122838417
## 5573	2019-07-09	1.5061278436	1.528674e+00	1.5276013630	1.5514997162
## 5574	2019-07-10	1.5591823169	1.566313e+00	1.5848475143	1.5832276276
## 5575	2019-07-11	1.5908886639	1.578015e+00	1.5847372836	1.5654180388
## 5576	2019-07-12	1.5719912193	1.557757e+00	1.5941863593	1.5762411249

## 5577	2019-07-15	1.5862923075	1.564115e+00	1.5916284265	1.5871295371
## 5578	2019-07-16	1.5745071819	1.567800e+00	1.5912644882	1.5750422256
## 5579	2019-07-17	1.5706624374	1.552370e+00	1.5811318155	1.5555651417
## 5580	2019-07-18	1.5412106579	1.525970e+00	1.5364992828	1.5401643936
## 5581	2019-07-19	1.5534095488	1.535129e+00	1.5482747919	1.5255810958
## 5582	2019-07-22	1.5315495351	1.527586e+00	1.5438975709	1.5485895492
## 5583	2019-07-23	1.5586159156	1.537058e+00	1.5602929727	1.5582463326
## 5584	2019-07-24	1.5295454599	1.540840e+00	1.5522882101	1.5651347796
## 5585	2019-07-25	1.5640727757	1.540732e+00	1.5598408763	1.5357173850
## 5586	2019-07-26	1.4998104798	1.486532e+00	1.5066853989	1.5021802820
## 5587	2019-07-29	1.4867401823	1.466414e+00	1.4692306907	1.4688282484
## 5588	2019-07-30	1.4443924130	1.442341e+00	1.4614463905	1.4536564765
## 5589	2019-07-31	1.4520058504	1.431200e+00	1.4239144265	1.4190511276
## 5590	2019-08-01	1.4232620727	1.429443e+00	1.4179274776	1.4065604136
## 5591	2019-08-02	1.3942350931	1.373885e+00	1.3782455310	1.3715954350
## 5592	2019-08-05	1.3127091399	1.311722e+00	1.3129285315	1.3082594884
## 5593	2019-08-06	1.3366822536	1.317217e+00	1.3180224588	1.3330008970
## 5594	2019-08-07	1.3168154124	1.322777e+00	1.3219917307	1.3390718938
## 5595	2019-08-08	1.3516804418	1.360847e+00	1.3673188961	1.3821133085
## 5596	2019-08-09	1.3766773323	1.357431e+00	1.3718504963	1.3545270590
## 5597	2019-08-12	1.3407776244	1.324986e+00	1.3440433882	1.3298292901
## 5598	2019-08-13	1.3266290383	1.358131e+00	1.3473511368	1.3727943343
## 5599	2019-08-14	1.3375318556	1.319243e+00	1.3222342670	1.3058942875
## 5600	2019-08-15	1.3255289440	1.311000e+00	1.3274604988	1.3202378329
## 5601	2019-08-16	1.3374011581	1.327066e+00	1.3523679429	1.3381671650
## 5602	2019-08-19	1.3648378266	1.351946e+00	1.3833063478	1.3638351229
## 5603	2019-08-20	1.3609385691	1.342054e+00	1.3692704898	1.3477695324
## 5604	2019-08-21	1.3662647317	1.355804e+00	1.3859415374	1.3719224681
## 5605	2019-08-22	1.3756426538	1.355621e+00	1.3695130261	1.3513445418
## 5606	2019-08-23	1.3375536602	1.329210e+00	1.3090143082	1.2913546283
## 5607	2019-08-26	1.3091039848	1.291604e+00	1.3071178988	1.3123358241
## 5608	2019-08-27	1.3187105946	1.301733e+00	1.3106131350	1.3046626586
## 5609	2019-08-28	1.2961316775	1.289298e+00	1.3077133365	1.3073003426
## 5610	2019-08-29	1.3266290383	1.322368e+00	1.3443190339	1.3314423680
## 5611	2019-08-30	1.3424114116	1.323650e+00	1.3303382235	1.3204231694
## 5612	2019-09-03	1.3124695493	1.324792e+00	1.3341201423	1.3351916718
## 5613	2019-09-04	1.3505912503	1.332152e+00	1.3652460348	1.3469411730
## 5614	2019-09-05	1.3690529921	1.369187e+00	1.3865809869	1.3906474300
## 5615	2019-09-06	1.3867741589	1.367732e+00	1.3985110086	1.3827890610
## 5616	2019-09-09	1.3898021427	1.377807e+00	1.3965373423	1.3804347703
## 5617	2019-09-10	1.3699243986	1.351742e+00	1.3752905493	1.3686635816
## 5618	2019-09-11	1.3583680936	1.359942e+00	1.3794141983	1.3713229520
## 5619	2019-09-12	1.3861315730	1.381751e+00	1.4071993672	1.3937320233
## 5620	2019-09-13	1.3909022370	1.373626e+00	1.4081806825	1.3891433181
## 5621	2019-09-16	1.3713076936	1.351612e+00	1.3696232568	1.3548104522
## 5622	2019-09-17	1.3528567206	1.349780e+00	1.3739233576	1.3708434461
## 5623	2019-09-18	1.3637051579	1.347701e+00	1.3644411713	1.3652955950
## 5624	2019-09-19	1.3680401192	1.359026e+00	1.3891390542	1.3696989638
## 5625	2019-09-20	1.3687915971	1.356935e+00	1.3483655616	1.3399002532
## 5626	2019-09-23	1.3200938895	1.316064e+00	1.3333703264	1.3302434698

## 5627	2019-09-24	1.3349177689	1.319307e+00	1.2983413821	1.2826242601
## 5628	2019-09-25	1.2878102384	1.294836e+00	1.2845039130	1.3117472182
## 5629	2019-09-26	1.3046165214	1.284460e+00	1.2938758674	1.2806950593
## 5630	2019-09-27	1.2885073373	1.269105e+00	1.2743821427	1.2650109179
## 5631	2019-09-30	1.2656234139	1.256540e+00	1.2693102890	1.2764116997
## 5632	2019-10-01	1.2863289544	1.276087e+00	1.2904689238	1.2761283064
## 5633	2019-10-02	1.2664403075	1.247306e+00	1.2646574213	1.2516919775
## 5634	2019-10-03	1.2503856364	1.243114e+00	1.2426719838	1.2638883891
## 5635	2019-10-04	1.2645669309	1.259902e+00	1.2803471535	1.2804880354
## 5636	2019-10-07	1.2706772786	1.267714e+00	1.2852756670	1.2728694199
## 5637	2019-10-08	1.2607220524	1.245269e+00	1.2646574213	1.2432777332
## 5638	2019-10-09	1.2575851755	1.248448e+00	1.2749775804	1.2612397949
## 5639	2019-10-10	1.2637173289	1.257435e+00	1.2743050214	1.2593542339
## 5640	2019-10-11	1.2829742926	1.265150e+00	1.2920676150	1.2720628810
## 5641	2019-10-14	1.2677147094	1.261314e+00	1.2834013301	1.2769784863
## 5642	2019-10-15	1.2821246917	1.298554e+00	1.3039314177	1.3107118360
## 5643	2019-10-16	1.3160965090	1.309103e+00	1.3368986732	1.3216657085
## 5644	2019-10-17	1.3413222201	1.322691e+00	1.3495783763	1.3326194469
## 5645	2019-10-18	1.3318572106	1.317443e+00	1.3133915303	1.2999542101
## 5646	2019-10-21	1.3120992613	1.308715e+00	1.3308123937	1.3306358291
## 5647	2019-10-22	1.3322384004	1.312918e+00	1.3275046451	1.3089134205
## 5648	2019-10-23	1.3029936370	1.291658e+00	1.3054529876	1.3050333315
## 5649	2019-10-24	1.3136567310	1.311366e+00	1.3255971988	1.3253169543
## 5650	2019-10-25	1.2335576817	1.285365e+00	1.2536315925	1.3041176925
## 5651	2019-10-28	1.2885727531	1.300978e+00	1.3060042790	1.3212841254
## 5652	2019-10-29	1.3177086245	1.299147e+00	1.3206797221	1.3056218044
## 5653	2019-10-30	1.3018390298	1.304944e+00	1.3243292009	1.3244558653
## 5654	2019-10-31	1.3189937953	1.315310e+00	1.3379571087	1.3208264388
## 5655	2019-11-01	1.3320858984	1.321182e+00	1.3530955506	1.3369355361
## 5656	2019-11-04	1.3462453873	1.340158e+00	1.3705164140	1.3513445418
## 5657	2019-11-05	1.3551223238	1.334975e+00	1.3627872970	1.3481291621
## 5658	2019-11-06	1.3462344845	1.326624e+00	1.3568112493	1.3416550289
## 5659	2019-11-07	1.3492406638	1.330288e+00	1.3511881032	1.3334041665
## 5660	2019-11-08	1.3319552008	1.313025e+00	1.3407797859	1.3308755826
## 5661	2019-11-11	1.3211830810	1.302379e+00	1.3331609007	1.3153658674
## 5662	2019-11-12	1.3175452186	1.309081e+00	1.3384312788	1.3222869110
## 5663	2019-11-13	1.3161619247	1.296991e+00	1.3113186689	1.2951584810
## 5664	2019-11-14	1.2922433228	1.287929e+00	1.3137885792	1.2967824702
## 5665	2019-11-15	1.3016321477	1.282639e+00	1.2953753636	1.2803136092
## 5666	2019-11-18	1.2779422336	1.274040e+00	1.2841841210	1.2945263682
## 5667	2019-11-19	1.2982991576	1.281561e+00	1.3065886799	1.2948097615
## 5668	2019-11-20	1.2897490319	1.283544e+00	1.2967646290	1.2868968425
## 5669	2019-11-21	1.2830613800	1.266680e+00	1.2926189064	1.2751037015
## 5670	2019-11-22	1.2787264198	1.266206e+00	1.2933245760	1.2871038664
## 5671	2019-11-25	1.2942255925	1.299599e+00	1.3178460081	1.3177527558
## 5672	2019-11-26	1.3232743765	1.320730e+00	1.3455318486	1.3429301635
## 5673	2019-11-27	1.3462344845	1.350330e+00	1.3664369114	1.3664400773
## 5674	2019-11-29	1.3645111487	1.350535e+00	1.3702738778	1.3471374197
## 5675	2019-12-02	1.3499377616	1.329910e+00	1.3282544610	1.3262106409
## 5676	2019-12-03	1.3015776348	1.294696e+00	1.3112194740	1.3135238132

## 5677	2019-12-04	1.3168372180	1.312174e+00	1.3255420156	1.3034201195
## 5678	2019-12-05	1.3053898049	1.284600e+00	1.3032478218	1.2813926312
## 5679	2019-12-06	1.2919926966	1.274794e+00	1.3033911631	1.2935126735
## 5680	2019-12-09	1.2914046236	1.288253e+00	1.3094332952	1.2912347521
## 5681	2019-12-10	1.2878538486	1.270775e+00	1.2977349075	1.2800083966
## 5682	2019-12-11	1.2816128033	1.270053e+00	1.2985176983	1.2903736632
## 5683	2019-12-12	1.2906857202	1.285138e+00	1.3092458076	1.3030277602
## 5684	2019-12-13	1.3070235921	1.290515e+00	1.3197865650	1.3036926025
## 5685	2019-12-16	1.3092019750	1.291065e+00	1.3220469139	1.3127063640
## 5686	2019-12-17	1.3211939838	1.315310e+00	1.3444734120	1.3360854903
## 5687	2019-12-18	1.3397211414	1.321990e+00	1.3499532158	1.3288592341
## 5688	2019-12-19	1.3239060596	1.316376e+00	1.3408018596	1.3378511751
## 5689	2019-12-20	1.3447313948	1.327130e+00	1.3500524108	1.3315513351
## 5690	2019-12-23	1.3323581962	1.316387e+00	1.3523237966	1.3386358947
## 5691	2019-12-24	1.3384032622	1.319156e+00	1.3557086665	1.3345050090
## 5692	2019-12-26	1.3462453873	1.399854e+00	1.3688515028	1.4212200830
## 5693	2019-12-27	1.4354610965	1.433193e+00	1.4421843008	1.4223427448
## 5694	2019-12-30	1.4257454608	1.414444e+00	1.4141897051	1.3973723599
## 5695	2019-12-31	1.3908913342	1.381320e+00	1.4049390183	1.3984077422
## 5696	2020-01-02	1.4268346522	1.429540e+00	1.4401335121	1.4530896910
## 5697	2020-01-03	1.4153981419	1.416814e+00	1.4405193896	1.4279776095
## 5698	2020-01-06	1.4104967804	1.435661e+00	1.4355577667	1.4583976556
## 5699	2020-01-07	1.4589658002	1.446652e+00	1.4708845650	1.4627355642
## 5700	2020-01-08	1.4519296658	1.443538e+00	1.4647099928	1.4465064577
## 5701	2020-01-09	1.4648365585	1.450886e+00	1.4750302876	1.4564031276
## 5702	2020-01-10	1.4599133913	1.439163e+00	1.4576094242	1.4369042233
## 5703	2020-01-13	1.4445994291	1.429529e+00	1.4584915445	1.4457762881
## 5704	2020-01-14	1.4386850607	1.417795e+00	1.4339590756	1.4219502515
## 5705	2020-01-15	1.4238393757	1.408905e+00	1.4301440473	1.4138630403
## 5706	2020-01-16	1.4355372811	1.416157e+00	1.4421953377	1.4312146756
## 5707	2020-01-17	1.4386959635	1.417289e+00	1.4325256638	1.4168058040
## 5708	2020-01-21	1.4159427377	1.425510e+00	1.4355577667	1.4465391873
## 5709	2020-01-22	1.4498056630	1.434378e+00	1.4612920135	1.4415908524
## 5710	2020-01-23	1.4378463615	1.420888e+00	1.4496267352	1.4384518421
## 5711	2020-01-24	1.4446647109	1.426286e+00	1.4217092608	1.4134488606
## 5712	2020-01-27	1.3669291221	1.368109e+00	1.3863163781	1.3771540633
## 5713	2020-01-28	1.3892575470	1.386546e+00	1.4025023542	1.4043043127
## 5714	2020-01-29	1.4148535462	1.404477e+00	1.4300669261	1.4094814909
## 5715	2020-01-30	1.4083183975	1.402451e+00	1.4252044970	1.4233018906
## 5716	2020-01-31	1.6190442369	1.599480e+00	1.5924222542	1.5737560477
## 5717	2020-02-03	1.5745289875	1.591700e+00	1.5901950148	1.5688295322
## 5718	2020-02-04	1.5955286304	1.603876e+00	1.6068660623	1.6183887199
## 5719	2020-02-05	1.6403379832	1.615966e+00	1.6252020210	1.6077074634
## 5720	2020-02-06	1.6076622395	1.600105e+00	1.6172634783	1.6189991452
## 5721	2020-02-07	1.6087187226	1.645610e+00	1.6319277501	1.6506617304
## 5722	2020-02-10	1.6555757608	1.685554e+00	1.6835947670	1.7102046016
## 5723	2020-02-11	1.7273424682	1.739808e+00	1.7398706399	1.7286137066
## 5724	2020-02-12	1.7407395765	1.733666e+00	1.7611395065	1.7386410299
## 5725	2020-02-13	1.7209054425	1.722923e+00	1.7464861371	1.7276001437
## 5726	2020-02-14	1.7325488360	1.710812e+00	1.7287234091	1.7112511600

##	5727	2020-02-18	1.6991543218	1.718387e+00	1.7267610475	1.7339215382
##	5728	2020-02-19	1.7457499639	1.738893e+00	1.7675676507	1.7497801059
##	5729	2020-02-20	1.7514900236	1.729938e+00	1.7304435023	1.7311206042
##	5730	2020-02-21	1.7178120430	1.695198e+00	1.6869466619	1.6688526364
##	5731	2020-02-24	1.5664472719	1.581787e+00	1.5766552651	1.5743773832
##	5732	2020-02-25	1.5917600704	1.576722e+00	1.5440740217	1.5345403062
##	5733	2020-02-26	1.5306128457	1.555247e+00	1.5463121624	1.5420063159
##	5734	2020-02-27	1.4915108463	1.512500e+00	1.4606525639	1.4381467624
##	5735	2020-02-28	1.3610801695	1.420650e+00	1.3816745472	1.4375472463
##	5736	2020-03-02	1.4611332803	1.490422e+00	1.4465835954	1.5140604367
##	5737	2020-03-03	1.5361567932	1.535484e+00	1.4665292821	1.4650571253
##	5738	2020-03-04	1.5047880259	1.515733e+00	1.5039179049	1.5379081597
##	5739	2020-03-05	1.4900077567	1.497113e+00	1.4906869104	1.4814497488
##	5740	2020-03-06	1.4268346522	1.443397e+00	1.4460323040	1.4564466344
##	5741	2020-03-09	1.3166738120	1.391568e+00	1.3267218542	1.3469302628
##	5742	2020-03-10	1.4223471889	1.425510e+00	1.3894367736	1.4463429407
##	5743	2020-03-11	1.4081549926	1.400780e+00	1.3710566686	1.3690013908
##	5744	2020-03-12	1.2601665538	1.286216e+00	1.2315799350	1.2117786640
##	5745	2020-03-13	1.2961316775	1.309179e+00	1.2377764453	1.3299164367
##	5746	2020-03-16	1.1725193501	1.280236e+00	1.1775864837	1.2254464569
##	5747	2020-03-17	1.3184273950	1.386191e+00	1.2472807041	1.3548104522
##	5748	2020-03-18	1.2906857202	1.368821e+00	1.3087607362	1.3789633879
##	5749	2020-03-19	1.4104967804	1.480174e+00	1.4054021516	1.4344736962
##	5750	2020-03-20	1.4827211301	1.493105e+00	1.3922593152	1.3965003607
##	5751	2020-03-23	1.3753703559	1.452589e+00	1.3826337888	1.4583431056
##	5752	2020-03-24	1.5101577986	1.490949e+00	1.4800359224	1.4989649023
##	5753	2020-03-25	1.4765997456	1.485842e+00	1.4639823852	1.4398251676
##	5754	2020-03-26	1.4562428215	1.492555e+00	1.4678524621	1.5157389749
##	5755	2020-03-27	1.4876768706	1.474560e+00	1.4795729235	1.4553676124
##	5756	2020-03-30	1.4789306316	1.511024e+00	1.4932669168	1.5249597592
##	5757	2020-03-31	1.5241538827	1.531918e+00	1.5281857650	1.5094500451
##	5758	2020-04-01	1.4899750493	1.480131e+00	1.4719430015	1.4636510702
##	5759	2020-04-02	1.4558507289	1.461349e+00	1.4686352529	1.4757820216
##	5760	2020-04-03	1.4662089495	1.460056e+00	1.4676980839	1.4624412618
##	5761	2020-04-06	1.4932753310	1.537844e+00	1.5127606416	1.5616250964
##	5762	2020-04-07	1.5816196337	1.577929e+00	1.5872952163	1.5768950581
##	5763	2020-04-08	1.5858566048	1.586851e+00	1.6022131946	1.6111189568
##	5764	2020-04-09	1.6112348191	1.596549e+00	1.6093910201	1.6108573840
##	5765	2020-04-13	1.6065512425	1.733397e+00	1.6318175183	1.7483088564
##	5766	2020-04-14	1.7813337638	1.854082e+00	1.7952312830	1.8730515489
##	5767	2020-04-15	1.8436463645	1.898660e+00	1.8600521731	1.8996021502
##	5768	2020-04-16	1.9398438280	2.036187e+00	1.9592846318	2.0091512503
##	5769	2020-04-17	1.9685223240	1.970457e+00	1.9383576309	1.9729764633
##	5770	2020-04-20	1.9877137391	2.018925e+00	2.0155715415	1.9932602190
##	5771	2020-04-21	2.0167517533	2.000962e+00	1.8982675985	1.9218805670
##	5772	2020-04-22	1.9648952315	1.963992e+00	1.9769259578	1.9604313322
##	5773	2020-04-23	1.9986383610	1.996555e+00	2.0111943195	1.9996252533
##	5774	2020-04-24	2.0171764214	1.992471e+00	2.0111060269	2.0113638455
##	5775	2020-04-27	2.0457131842	2.018817e+00	1.9901569523	1.9740663955
##	5776	2020-04-28	1.9682718317	1.941902e+00	1.9273097284	1.9065778757

## 5777	2020-04-29	1.9224276675	1.961718e+00	1.9317200599	1.9704804759
## 5778	2020-04-30	2.0202698210	2.051273e+00	2.0265532239	2.0808797559
## 5779	2020-05-01	1.9298233200	1.929984e+00	1.8745951762	1.8760161330
## 5780	2020-05-04	1.8422303623	1.891775e+00	1.8725994372	1.9086595504
## 5781	2020-05-05	1.9333086793	1.917657e+00	1.9285555181	1.9106323921
## 5782	2020-05-06	1.9218067532	1.924607e+00	1.9427458887	1.9471014826
## 5783	2020-05-07	1.9711907897	1.944596e+00	1.9682266969	1.9649219806
## 5784	2020-05-08	1.9683151761	1.956707e+00	1.9835414550	1.9780011676
## 5785	2020-05-11	1.9711035694	1.991652e+00	2.0002016002	2.0100341597
## 5786	2020-05-12	2.0115671921	1.990930e+00	1.9813362893	1.9533031328
## 5787	2020-05-13	1.9624990637	1.978754e+00	1.9623719179	1.9652596580
## 5788	2020-05-14	1.9561926026	1.961158e+00	1.9793626229	1.9880721317
## 5789	2020-05-15	1.9643724414	1.982310e+00	1.9828469568	2.0108843385
## 5790	2020-05-18	2.0033982562	2.006016e+00	2.0133222295	2.0288464012
## 5791	2020-05-19	2.0311508327	2.062048e+00	2.0628943125	2.0539912123
## 5792	2020-05-20	2.0834756327	2.078222e+00	2.1051232906	2.1069726696
## 5793	2020-05-21	2.1075793122	2.105635e+00	2.0778564370	2.0511681919
## 5794	2020-05-22	2.0585765995	2.045724e+00	2.0641732116	2.0404213433
## 5795	2020-05-26	2.0618332711	2.037265e+00	2.0464548988	2.0240508051
## 5796	2020-05-27	2.0040952211	1.985090e+00	1.9537717174	2.0115490489
## 5797	2020-05-28	1.9815926215	2.010294e+00	2.0069492674	2.0014238018
## 5798	2020-05-29	2.0160218142	2.016113e+00	2.0289678154	2.0464053264
## 5799	2020-06-01	2.0509413565	2.053352e+00	2.0796535181	2.0776535989
## 5800	2020-06-02	2.0716359942	2.049689e+00	2.0809106137	2.0791466677
## 5801	2020-06-03	2.0727360884	2.065281e+00	2.0983974270	2.0856753510
## 5802	2020-06-04	2.0829961870	2.086336e+00	2.0860926991	2.0662747706
## 5803	2020-06-05	2.0471400892	2.065981e+00	2.0718912917	2.0906891461
## 5804	2020-06-08	2.1077970971	2.110538e+00	2.1272522038	2.1354418285
## 5805	2020-06-09	2.1396450444	2.214445e+00	2.1687753778	2.2191486775
## 5806	2020-06-10	2.2655120733	2.317804e+00	2.2804229306	2.2699284509
## 5807	2020-06-11	2.2203106279	2.262881e+00	2.1811573614	2.1723904249
## 5808	2020-06-12	2.2178163370	2.209112e+00	2.1449045667	2.1582867660
## 5809	2020-06-15	2.1365519117	2.168725e+00	2.1500314690	2.1884341960
## 5810	2020-06-16	2.2382822869	2.207517e+00	2.2250071044	2.2348545064
## 5811	2020-06-17	2.2682350520	2.245231e+00	2.2865533554	2.2628766209
## 5812	2020-06-18	2.2677013591	2.250231e+00	2.2912834789	2.2770457401
## 5813	2020-06-19	2.3015426117	2.290951e+00	2.3165214829	2.2999670480
## 5814	2020-06-22	2.3085351359	2.309884e+00	2.3275473116	2.3422673818
## 5815	2020-06-23	2.3537583869	2.383275e+00	2.3816180188	2.3974068842
## 5816	2020-06-24	2.4125529199	2.397165e+00	2.3848816211	2.3646980065
## 5817	2020-06-25	2.3684951789	2.354311e+00	2.3751126189	2.3866930311
## 5818	2020-06-26	2.4071723784	2.382693e+00	2.3484963863	2.3194333546
## 5819	2020-06-29	2.3145365917	2.290272e+00	2.2846348722	2.3058198458
## 5820	2020-06-30	2.3091560491	2.368750e+00	2.3341959184	2.3913143330
## 5821	2020-07-01	2.3885798051	2.503842e+00	2.4212668559	2.5219752834
## 5822	2020-07-02	2.5563370949	2.569098e+00	2.5503794185	2.5346186043
## 5823	2020-07-06	2.5813448883	2.681507e+00	2.6153214417	2.7163538965
## 5824	2020-07-07	2.7159472533	2.691927e+00	2.6814764142	2.6543150379
## 5825	2020-07-08	2.6768017756	2.707465e+00	2.7062072730	2.7425886398
## 5826	2020-07-09	2.7785103463	2.825898e+00	2.7740933756	2.8532383175

## 5827	2020-07-10	2.8610384047	2.848656e+00	2.8421226848	2.8721705682
## 5828	2020-07-13	2.9256275114	2.987972e+00	2.7679077677	2.7675370724
## 5829	2020-07-14	2.7491130798	2.754241e+00	2.6373730992	2.7457384274
## 5830	2020-07-15	2.7395608490	2.722960e+00	2.6629308952	2.6638519451
## 5831	2020-07-16	2.6206539038	2.651465e+00	2.6023440192	2.6540750185
## 5832	2020-07-17	2.6619777633	2.642845e+00	2.6356640417	2.6127339635
## 5833	2020-07-20	2.6523928251	2.833958e+00	2.6859088194	2.8687264782
## 5834	2020-07-21	2.9054011509	2.876220e+00	2.8090672723	2.8049108917
## 5835	2020-07-22	2.7883239722	2.778615e+00	2.7644568123	2.7630791535
## 5836	2020-07-23	2.7592099064	2.722874e+00	2.6594247567	2.6395245832
## 5837	2020-07-24	2.5759316383	2.651013e+00	2.5690129610	2.6638953189
## 5838	2020-07-27	2.7197049105	2.722583e+00	2.7098899969	2.7143592354
## 5839	2020-07-28	2.7112854823	2.700052e+00	2.6878273025	2.6545438812
## 5840	2020-07-29	2.6859290726	2.659180e+00	2.6889409223	2.6907295784
## 5841	2020-07-30	2.6674237206	2.716118e+00	2.6980151573	2.7107296760
## 5842	2020-07-31	2.9179377555	2.882943e+00	2.8589922568	2.8336740871
## 5843	2020-08-03	2.8487850008	2.815252e+00	2.8071708618	2.7761365212
## 5844	2020-08-04	2.7624120650	2.797192e+00	2.8040946126	2.8054994976
## 5845	2020-08-05	2.8087681176	2.847137e+00	2.8328610968	2.8776529590
## 5846	2020-08-06	2.8638704082	2.883644e+00	2.8749024527	2.8994188744
## 5847	2020-08-07	2.8961648292	2.876467e+00	2.8476024898	2.8367041303
## 5848	2020-08-10	2.8376753014	2.802871e+00	2.8044364783	2.8156683845
## 5849	2020-08-11	2.7754714597	2.788550e+00	2.7729907927	2.7421088680
## 5850	2020-08-12	2.7698077175	2.804897e+00	2.8043261120	2.8310147156
## 5851	2020-08-13	2.8514861739	2.851371e+00	2.8634025883	2.8296850310
## 5852	2020-08-14	2.8462470998	2.809045e+00	2.8248121878	2.8155159117
## 5853	2020-08-17	2.8407359925	2.827073e+00	2.8624983954	2.8529985640
## 5854	2020-08-18	2.8830836289	2.961798e+00	2.9194359250	2.9947770359
## 5855	2020-08-19	2.9822109542	2.957380e+00	2.9747634586	2.9380896488
## 5856	2020-08-20	2.9266512871	2.953846e+00	2.9549169669	2.9782973987
## 5857	2020-08-21	2.9734865197	2.955764e+00	2.9961424225	2.9645095967
## 5858	2020-08-24	2.9899876636	3.026796e+00	2.9764835529	2.9892946451
## 5859	2020-08-25	2.9734756169	3.002098e+00	2.9868918702	3.0318347324
## 5860	2020-08-26	3.0346011689	3.103754e+00	3.0724192987	3.1357707893
## 5861	2020-08-27	3.1423657084	3.105112e+00	3.1092785692	3.0901570179
## 5862	2020-08-28	3.1129030261	3.083959e+00	3.1186505236	3.0921189493
## 5863	2020-08-31	3.0976434429	3.150368e+00	3.1390483068	3.1456999227
## 5864	2020-09-01	3.1854214782	3.170702e+00	3.2074084450	3.1981912299
## 5865	2020-09-02	3.2479627667	3.212058e+00	3.2291182367	3.2334285585
## 5866	2020-09-03	3.1804328964	3.143267e+00	3.0265848537	3.0552791859
## 5867	2020-09-04	2.9985379232	3.028067e+00	2.8150321487	2.9753000851
## 5868	2020-09-08	2.8090186099	2.887286e+00	2.8358380165	2.8174996625
## 5869	2020-09-09	2.8732700030	2.943674e+00	2.8964800746	2.9469509364
## 5870	2020-09-10	2.9867964078	2.994006e+00	2.8805478061	2.8450422712
## 5871	2020-09-11	2.8794783409	2.851177e+00	2.7850971306	2.7808560128
## 5872	2020-09-14	2.8405397464	2.818905e+00	2.7983501988	2.7664144105
## 5873	2020-09-15	2.8004792530	2.805576e+00	2.8125954835	2.8243551129
## 5874	2020-09-16	2.8482185995	2.818743e+00	2.7742586549	2.7393079339
## 5875	2020-09-17	2.6622500612	2.648696e+00	2.6622363970	2.6636992053
## 5876	2020-09-18	2.6867459661	2.657715e+00	2.5883523076	2.6050389775

## 5877	2020-09-21	2.5503356391	2.576037e+00	2.5502690522	2.6110990651
## 5878	2020-09-22	2.6890333749	2.761364e+00	2.6927227054	2.7947744683
## 5879	2020-09-23	2.7833462932	2.753832e+00	2.6841004324	2.6540316446
## 5880	2020-09-24	2.6279841405	2.691658e+00	2.6539118423	2.6757539202
## 5881	2020-09-25	2.7119282000	2.726398e+00	2.6913996600	2.7578692458
## 5882	2020-09-28	2.8143012952	2.805597e+00	2.8216917922	2.8438868798
## 5883	2020-09-29	2.8432082131	2.819842e+00	2.8386386200	2.8120933751
## 5884	2020-09-30	2.8059034058	2.846371e+00	2.8402373111	2.8162897200
## 5885	2020-10-01	2.8787268631	2.858354e+00	2.8821464972	2.8953425387
## 5886	2020-10-02	2.8195073962	2.827967e+00	2.8281199364	2.7904256496
## 5887	2020-10-05	2.8110228180	2.835219e+00	2.8478011487	2.8712985690
## 5888	2020-10-06	2.8318916305	2.813097e+00	2.7917347015	2.7631337036
## 5889	2020-10-07	2.7992158868	2.832493e+00	2.8384730716	2.8674728959
## 5890	2020-10-08	2.8972322150	2.868364e+00	2.8854432090	2.8618707619
## 5891	2020-10-09	2.8809052460	2.928383e+00	2.9106262988	2.9666130907
## 5892	2020-10-12	3.0333266341	3.151705e+00	3.0668843117	3.1369477352
## 5893	2020-10-13	3.1619057388	3.147545e+00	3.1602399177	3.1377106343
## 5894	2020-10-14	3.1390436211	3.117913e+00	3.0673804200	3.0506033341
## 5895	2020-10-15	2.9702298482	3.000460e+00	3.0012254476	3.0232895676
## 5896	2020-10-16	3.0478020310	3.047635e+00	2.8689155027	2.9514194995
## 5897	2020-10-19	2.9785078089	2.971496e+00	2.9050140550	2.8800289372
## 5898	2020-10-20	2.8942805487	2.903611e+00	2.9042091915	2.8907103266
## 5899	2020-10-21	2.8836282246	2.869000e+00	2.8689155027	2.8557561242
## 5900	2020-10-22	2.8589799494	2.831146e+00	2.8269511335	2.8464480603
## 5901	2020-10-23	2.8602106083	2.838236e+00	2.8468638452	2.8769661633
## 5902	2020-10-26	2.8686409393	2.921907e+00	2.8615282515	2.8798437337
## 5903	2020-10-27	2.8971777021	2.931260e+00	2.9254780582	2.9662645042
## 5904	2020-10-28	2.9237105236	2.901477e+00	2.8716388504	2.8316033215
## 5905	2020-10-29	2.8713966264	2.894182e+00	2.8733258342	2.8841707332
## 5906	2020-10-30	2.8239949924	2.796934e+00	2.7134513175	2.6935850625
## 5907	2020-11-02	2.7194217098	2.702875e+00	2.6375055381	2.6590669932
## 5908	2020-11-03	2.6723577895	2.697692e+00	2.6715310946	2.7069476428
## 5909	2020-11-04	2.8264347704	2.880821e+00	2.8465661258	2.9170320836
## 5910	2020-11-05	3.0006835988	3.012227e+00	3.0110162545	3.0051423025
## 5911	2020-11-06	2.9839862088	2.963953e+00	2.9483014696	2.9935564502
## 5912	2020-11-09	2.9038109739	2.928394e+00	2.8161129269	2.8108509690
## 5913	2020-11-10	2.7556700342	2.739824e+00	2.7139805352	2.6923535677
## 5914	2020-11-11	2.7194653200	2.766924e+00	2.7476313866	2.8039297935
## 5915	2020-11-12	2.8263911602	2.806502e+00	2.7873795532	2.7743818785
## 5916	2020-11-13	2.7850563979	2.769693e+00	2.7866516765	2.7945783557
## 5917	2020-11-16	2.7536876306	2.770749e+00	2.7726489269	2.7970307033
## 5918	2020-11-17	2.8520852825	2.820909e+00	2.8416376134	2.8020442314
## 5919	2020-11-18	2.7981266953	2.767840e+00	2.8083838110	2.7691283309
## 5920	2020-11-19	2.7668778567	2.751677e+00	2.7817231630	2.7817280120
## 5921	2020-11-20	2.7796322462	2.760179e+00	2.8006105477	2.7625232772
## 5922	2020-11-23	2.7792836298	2.767571e+00	2.7646772748	2.7614224358
## 5923	2020-11-24	2.7616387816	2.761644e+00	2.7876110526	2.7828615841
## 5924	2020-11-25	2.8066987595	2.830338e+00	2.8471505278	2.8558979538
## 5925	2020-11-27	2.8822776381	2.849938e+00	2.9020481721	2.8670915798
## 5926	2020-11-30	2.8792496532	2.863084e+00	2.8309315767	2.8373363760

## 5927	2020-12-01	2.8574876297	2.885238e+00	2.8658061440	2.8940564928
## 5928	2020-12-02	2.8935942197	2.866974e+00	2.8835357626	2.8760180606
## 5929	2020-12-03	2.8759602743	2.863354e+00	2.8924116088	2.8577071455
## 5930	2020-12-04	2.8680636362	2.830564e+00	2.8675483110	2.8313853885
## 5931	2020-12-07	2.8226116975	2.811761e+00	2.8487271452	2.8263934138
## 5932	2020-12-08	2.8252474558	2.815392e+00	2.8248342615	2.8474182493
## 5933	2020-12-09	2.8350392772	2.804940e+00	2.7895295358	2.7677550054
## 5934	2020-12-10	2.7491021770	2.770103e+00	2.7762985413	2.7648013315
## 5935	2020-12-11	2.7574561905	2.744856e+00	2.7727924027	2.7810739459
## 5936	2020-12-14	2.8079294184	2.822224e+00	2.8314276850	2.8252707519
## 5937	2020-12-15	2.8493295966	2.820101e+00	2.8363782711	2.8341538589
## 5938	2020-12-16	2.8438836393	2.883137e+00	2.8729729327	2.9168141506
## 5939	2020-12-17	2.9244729042	2.900928e+00	2.9361730580	2.9114954087
## 5940	2020-12-18	2.9179268527	2.885745e+00	2.8817055721	2.8739688496
## 5941	2020-12-21	2.8700242342	2.861554e+00	2.8755309999	2.8789062754
## 5942	2020-12-22	2.8731067310	2.856199e+00	2.8910554528	2.8792769483
## 5943	2020-12-23	2.8754592887	2.843408e+00	2.8955648448	2.8561158880
## 5944	2020-12-24	2.8633691568	2.834648e+00	2.8788387486	2.8424044542
## 5945	2020-12-28	2.8634781827	2.944557e+00	2.8829072143	2.9636812373
## 5946	2020-12-29	2.9897589758	2.994825e+00	3.0025705667	3.0051423025
## 5947	2020-12-30	3.0235893267	2.985612e+00	3.0039487953	2.9657413585
## 5948	2020-12-31	2.9517026906	2.921843e+00	2.9584451780	2.9342203370
## 5949	2021-01-04	2.9462567333	2.910076e+00	2.8512962504	2.8575980465
## 5950	2021-01-05	2.8329917247	2.857686e+00	2.8744946371	2.8923452250
## 5951	2021-01-06	2.8117197829	2.829810e+00	2.8371169156	2.8050088155
## 5952	2021-01-07	2.8231780988	2.841695e+00	2.8634025883	2.8309274360
## 5953	2021-01-08	2.8482295023	2.822407e+00	2.8492894735	2.8533146869
## 5954	2021-01-11	2.8133862785	2.785490e+00	2.8137863590	2.7786652381
## 5955	2021-01-12	2.7828780149	2.770146e+00	2.7873243700	2.7858807171
## 5956	2021-01-13	2.7920707266	2.821663e+00	2.8271056461	2.8349928626
## 5957	2021-01-14	2.8346364147	2.808787e+00	2.8254628087	2.7931177506
## 5958	2021-01-15	2.7861673949	2.770588e+00	2.7974349690	2.7678095554
## 5959	2021-01-19	2.7687185260	2.773228e+00	2.7983501988	2.7858043477
## 5960	2021-01-20	2.8503969824	2.918481e+00	2.8854542458	2.9412503466
## 5961	2021-01-21	2.9713081368	2.992562e+00	3.0117772406	2.9887824086
## 5962	2021-01-22	2.9836269565	2.963856e+00	3.0047095124	2.9726949977
## 5963	2021-01-25	3.0099744335	3.009091e+00	2.9605951606	2.9746241995
## 5964	2021-01-26	2.9749679367	2.981194e+00	3.0043899894	3.0096435952
## 5965	2021-01-27	3.0241230196	2.990375e+00	2.9208251904	2.9076806459
## 5966	2021-01-28	2.9081786425	2.942057e+00	2.9446518553	2.9131739469
## 5967	2021-01-29	2.9026890751	2.872351e+00	2.8959839663	2.8789280947
## 5968	2021-02-01	2.9161515980	2.994405e+00	2.9516423277	3.0278999603
## 5969	2021-02-02	3.0660677935	3.077893e+00	3.0906778671	3.0683583729
## 5970	2021-02-03	3.1150923118	3.084638e+00	3.0327814984	2.9948206757
## 5971	2021-02-04	3.0116082207	2.990892e+00	2.9987446361	3.0149516927
## 5972	2021-02-05	2.9996271147	3.023218e+00	3.0262650616	3.0380036530
## 5973	2021-02-08	3.0426501772	3.010288e+00	3.0276874365	3.0061667745
## 5974	2021-02-09	2.9925364674	2.981194e+00	3.0208956231	2.9866134543
## 5975	2021-02-10	2.9941811574	2.959589e+00	2.9725582928	2.9665369873
## 5976	2021-02-11	2.9702189454	2.931627e+00	2.9660090156	2.9398879313

## 5977	2021-02-12	2.9244729042	2.918966e+00	2.9497459182	2.9568691607
## 5978	2021-02-16	2.9288841830	2.949191e+00	2.9721063309	2.9473213433
## 5979	2021-02-17	2.9392860148	2.962779e+00	2.9786224987	2.9905806910
## 5980	2021-02-18	2.9597844063	2.981194e+00	2.9945437303	3.0119325586
## 5981	2021-02-19	3.0096803300	2.976345e+00	2.9634619841	2.9265580806
## 5982	2021-02-22	2.8788683305	2.867319e+00	2.8824331798	2.8511784622
## 5983	2021-02-23	2.7905350625	2.837589e+00	2.7957041079	2.8661759408
## 5984	2021-02-24	2.8337977155	2.801492e+00	2.8307439546	2.8280610417
## 5985	2021-02-25	2.8011110690	2.809067e+00	2.7451616120	2.7164845499
## 5986	2021-02-26	2.7558660135	2.748918e+00	2.7329669803	2.7554714482
## 5987	2021-03-01	2.7914716190	2.778141e+00	2.8005443277	2.8134667007
## 5988	2021-03-02	2.8084413068	2.793184e+00	2.7885593919	2.7572154456
## 5989	2021-03-03	2.7405955286	2.733122e+00	2.6869893285	2.6596337798
## 5990	2021-03-04	2.6652453377	2.679621e+00	2.6323342205	2.6297370123
## 5991	2021-03-05	2.6576209975	2.626682e+00	2.5612948809	2.6546854448
## 5992	2021-03-08	2.6685129121	2.686582e+00	2.6388175478	2.6018128206
## 5993	2021-03-09	2.6717695836	2.714997e+00	2.6981804366	2.7226864671
## 5994	2021-03-10	2.7594058857	2.742475e+00	2.7256349123	2.7170076967
## 5995	2021-03-11	2.7654618545	2.758983e+00	2.7839393656	2.7779896185
## 5996	2021-03-12	2.7338643994	2.723639e+00	2.7426697637	2.7517221445
## 5997	2021-03-15	2.7333961212	2.705601e+00	2.7278842243	2.7432097105
## 5998	2021-03-16	2.7665074358	2.755890e+00	2.7761442977	2.7543054115
## 5999	2021-03-17	2.7319256070	2.803453e+00	2.7699255803	2.8021206008
## 6000	2021-03-18	2.7621833773	2.742658e+00	2.7200668147	2.6846913113
## 6001	2021-03-19	2.6840120847	2.700267e+00	2.7108380671	2.7358853974
## 6002	2021-03-22	2.7260767873	2.753379e+00	2.7587123985	2.7750250344
## 6003	2021-03-23	2.7905023551	2.813097e+00	2.8257494912	2.8040498027
## 6004	2021-03-24	2.8166865602	2.789725e+00	2.7863870665	2.7490845935
## 6005	2021-03-25	2.7316751137	2.735277e+00	2.7334520528	2.7046043952
## 6006	2021-03-26	2.7001648800	2.678037e+00	2.6880919114	2.7108933250
## 6007	2021-03-29	2.7125597503	2.715310e+00	2.7238706716	2.7367246659
## 6008	2021-03-30	2.7284293450	2.695645e+00	2.7299900606	2.7144465150
## 6009	2021-03-31	2.7219487092	2.745567e+00	2.7614136725	2.7567250295
## 6010	2021-04-01	2.7806342163	2.792020e+00	2.8199057480	2.8296632105
## 6011	2021-04-05	2.8406051621	2.871241e+00	2.8702826944	2.9013044354
## 6012	2021-04-06	2.8958816285	2.883471e+00	2.9318068728	2.8981328285
## 6013	2021-04-07	2.9068280560	2.944137e+00	2.9390947946	2.9587001728
## 6014	2021-04-08	2.9908045572	2.966647e+00	3.0144564421	2.9804008939
## 6015	2021-04-09	2.9840516235	3.018046e+00	3.0110383271	3.0598568480
## 6016	2021-04-12	3.0390666948	3.042657e+00	3.0796741110	3.0676933976
## 6017	2021-04-13	3.0887775421	3.082483e+00	3.1287169763	3.0901570179
## 6018	2021-04-14	3.0922519986	3.052452e+00	3.0519442598	3.0171315572
## 6019	2021-04-15	3.0562650704	3.044769e+00	3.0806114145	3.0673666305
## 6020	2021-04-16	3.0660677935	3.055329e+00	3.0845697840	3.0895465915
## 6021	2021-04-19	3.0773192262	3.086718e+00	3.0896083937	3.0596498251
## 6022	2021-04-20	3.0590970749	3.029673e+00	3.0409184310	3.0189734784
## 6023	2021-04-21	2.9963595403	3.007982e+00	3.0274780108	3.0487614129
## 6024	2021-04-22	3.0570056465	3.018768e+00	3.0248757962	2.9910168231
## 6025	2021-04-23	2.9997361406	3.021063e+00	3.0326490595	3.0257200958
## 6026	2021-04-26	3.0312136669	3.078658e+00	3.0573909541	3.0999664081

## 6027	2021-04-27	3.1351987436	3.112654e+00	3.1313412635	3.1091544628
## 6028	2021-04-28	3.1257555387	3.144851e+00	3.1610999643	3.1539180544
## 6029	2021-04-29	3.2023257514	3.171327e+00	3.1721257930	3.1678801508
## 6030	2021-04-30	3.2241313850	3.213944e+00	3.2024468220	3.1636401650
## 6031	2021-05-03	3.1801387929	3.141371e+00	3.1034348259	3.0754320223
## 6032	2021-05-04	3.0401340807	3.013499e+00	2.9925479913	2.9941014163
## 6033	2021-05-05	3.0212585735	2.999189e+00	2.9839811694	2.9490544315
## 6034	2021-05-06	2.9462567333	2.955764e+00	2.9650606753	2.9881067890
## 6035	2021-05-07	2.9997252378	2.973532e+00	3.0112259492	2.9720193781
## 6036	2021-05-10	2.9596756461	2.921929e+00	2.9019929889	2.8618053016
## 6037	2021-05-11	2.8006100834	2.873439e+00	2.8329383525	2.8982307523
## 6038	2021-05-12	2.8536754596	2.841048e+00	2.8392561315	2.8197883600
## 6039	2021-05-13	2.8541873480	2.836631e+00	2.8391457651	2.8301754471
## 6040	2021-05-14	2.8542854711	2.863591e+00	2.8942749088	2.8971299099
## 6041	2021-05-17	2.9200398209	2.932435e+00	2.9511572563	2.9488907825
## 6042	2021-05-18	2.9708507614	2.953178e+00	2.9465043885	2.9073536128
## 6043	2021-05-19	2.8645673741	2.869937e+00	2.8953774917	2.9068304671
## 6044	2021-05-20	2.9183733253	2.896801e+00	2.9529101911	2.9241384637
## 6045	2021-05-21	2.9244729042	2.893579e+00	2.9097221059	2.8755276445
## 6046	2021-05-24	2.8868957990	2.894936e+00	2.9245959378	2.9212066092
## 6047	2021-05-25	2.9426296408	2.918502e+00	2.9281903690	2.9365311209
## 6048	2021-05-26	2.9512562180	2.935646e+00	2.9775309526	2.9431904576
## 6049	2021-05-27	2.9310080530	2.897533e+00	2.9461404502	2.9049885448
## 6050	2021-05-28	2.9157593726	2.884204e+00	2.9347396462	2.8973153793
## 6051	2021-06-01	2.9173931598	2.887426e+00	2.9230082835	2.8924976978
## 6052	2021-06-02	2.8951737608	2.870207e+00	2.9218394807	2.9092173544
## 6053	2021-06-03	2.8746205895	2.848052e+00	2.8954106011	2.8580123592
## 6054	2021-06-04	2.8830836289	2.855121e+00	2.9117068091	2.8789499152
## 6055	2021-06-07	2.8671052752	2.841113e+00	2.8823669597	2.8700016139
## 6056	2021-06-08	2.8946400668	2.918190e+00	2.9328763462	2.9420462413
## 6057	2021-06-09	2.9493828403	2.937640e+00	2.9909713728	2.9606184633
## 6058	2021-06-10	2.9593379336	2.995202e+00	3.0024933098	3.0352788224
## 6059	2021-06-11	3.0330107261	3.011990e+00	3.0601584481	3.0322054052
## 6060	2021-06-14	3.0299393979	3.031839e+00	3.0624187971	3.0725765382
## 6061	2021-06-15	3.0704245593	3.044758e+00	3.0928612282	3.0717697333
## 6062	2021-06-16	3.0791380910	3.076395e+00	3.0900164784	3.1067784847
## 6063	2021-06-17	3.0913151774	3.152739e+00	3.1346379753	3.1874225608
## 6064	2021-06-18	3.1749760363	3.163299e+00	3.2148067331	3.1848720234
## 6065	2021-06-21	3.1710875487	3.136360e+00	3.1710232101	3.1489697195
## 6066	2021-06-22	3.1510901428	3.181380e+00	3.1953793628	3.2050794098
## 6067	2021-06-23	3.2022167255	3.178385e+00	3.2252702335	3.2033138580
## 6068	2021-06-24	3.2050920744	3.182544e+00	3.1675501821	3.1436509776
## 6069	2021-06-25	3.1575598758	3.117848e+00	3.1271182851	3.0917482764
## 6070	2021-06-28	3.1052786859	3.099724e+00	3.1484312981	3.1379940276
## 6071	2021-06-29	3.1301341090	3.108377e+00	3.1589279080	3.1426262397
## 6072	2021-06-30	3.1325738881	3.125154e+00	3.1721257930	3.1339286011
## 6073	2021-07-01	3.1255486555	3.109422e+00	3.1439216371	3.1260920525
## 6074	2021-07-02	3.1440973529	3.168385e+00	3.1742426661	3.2111176770
## 6075	2021-07-06	3.2295664395	3.355619e+00	3.2757685832	3.3906949251
## 6076	2021-07-07	3.4335390795	3.408117e+00	3.4410566847	3.4134092091

##	6077	2021-07-08	3.3531351579	3.435907e+00	3.3773386465	3.4513713684
##	6078	2021-07-09	3.4391376728	3.422987e+00	3.4570330996	3.4382160780
##	6079	2021-07-12	3.4625334835	3.432998e+00	3.4607710066	3.4373549890
##	6080	2021-07-13	3.4168964682	3.450012e+00	3.4326882527	3.3924607429
##	6081	2021-07-14	3.4242485106	3.390294e+00	3.4211221694	3.3971690595
##	6082	2021-07-15	3.4082916956	3.366308e+00	3.3771179149	3.3421493003
##	6083	2021-07-16	3.3419709455	3.313142e+00	3.3214816261	3.2794018266
##	6084	2021-07-19	3.2322567108	3.209860e+00	3.2428674132	3.2532000788
##	6085	2021-07-20	3.2700952111	3.254890e+00	3.2636401715	3.2789223197
##	6086	2021-07-21	3.2799630842	3.248910e+00	3.2919102785	3.2920124169
##	6087	2021-07-22	3.2917809171	3.306634e+00	3.3345031949	3.3495936226
##	6088	2021-07-23	3.3492575721	3.334747e+00	3.3783529367	3.3698771135
##	6089	2021-07-26	3.3853859677	3.384282e+00	3.4061490080	3.4169405787
##	6090	2021-07-27	3.4129752722	3.369649e+00	3.3387810863	3.3369066630
##	6091	2021-07-28	3.3424828328	3.326461e+00	3.3551545501	3.3411902874
##	6092	2021-07-29	3.3359149767	3.304403e+00	3.3320113466	3.3080561880
##	6093	2021-07-30	3.0311591540	3.013671e+00	3.0309731115	3.0112351197
##	6094	2021-08-02	3.0367686501	3.003736e+00	3.0420210139	3.0154748384
##	6095	2021-08-03	3.0232843215	3.038304e+00	3.0230235330	3.0533608943
##	6096	2021-08-04	3.0653599258	3.036019e+00	3.0735108458	3.0408048541
##	6097	2021-08-05	3.0401667891	3.036149e+00	3.0683947102	3.0639877337
##	6098	2021-08-06	3.0606218362	3.021063e+00	3.0552961547	3.0301452840
##	6099	2021-08-09	3.0264322330	2.999383e+00	3.0547227907	3.0267993838
##	6100	2021-08-10	3.0279569954	3.002745e+00	3.0398158482	3.0037035178
##	6101	2021-08-11	3.0131874949	2.980871e+00	2.9987887824	2.9725643442
##	6102	2021-08-12	2.9680405625	2.955882e+00	2.9898356805	2.9849785559
##	6103	2021-08-13	2.9851081076	2.946788e+00	3.0045331962	2.9745914700
##	6104	2021-08-16	2.9604162223	2.940247e+00	2.9252904360	2.9800629506
##	6105	2021-08-17	2.9544256693	2.919224e+00	2.9413330709	2.9179040828
##	6106	2021-08-18	2.9157484698	2.890788e+00	2.9130188177	2.8735002539
##	6107	2021-08-19	2.8634999883	2.868052e+00	2.8936794711	2.8588188982
##	6108	2021-08-20	2.8742286298	2.840908e+00	2.8862922198	2.8721160182
##	6109	2021-08-23	2.8829746030	2.919666e+00	2.9240556833	2.9439645329
##	6110	2021-08-24	2.9571486479	2.956938e+00	2.9952495344	2.9874636330
##	6111	2021-08-25	2.9896829241	2.962876e+00	3.0080062242	2.9802699745
##	6112	2021-08-26	2.9778432856	2.974729e+00	3.0188667735	2.9986027090
##	6113	2021-08-27	3.0151262873	2.996624e+00	3.0384376196	3.0352570030
##	6114	2021-08-30	3.0414846683	3.096491e+00	3.0841616994	3.1136669306
##	6115	2021-08-31	3.1148636241	3.126210e+00	3.1286730990	3.1673133642
##	6116	2021-09-01	3.1928495722	3.184850e+00	3.2164937168	3.1762616655
##	6117	2021-09-02	3.1910634159	3.168644e+00	3.1941774505	3.1589536689
##	6118	2021-09-03	3.1444895783	3.137082e+00	3.1737134473	3.1752262833
##	6119	2021-09-07	3.1728085562	3.186024e+00	3.2183680537	3.2092757558
##	6120	2021-09-08	3.2094597419	3.204924e+00	3.2390194100	3.2269435150
##	6121	2021-09-09	3.2251115517	3.209623e+00	3.2221501070	3.1818856200
##	6122	2021-09-10	3.1987640735	3.164861e+00	3.2028987840	3.1655257260
##	6123	2021-09-13	3.1780367286	3.153558e+00	3.1754335416	3.1524683595
##	6124	2021-09-14	3.1701400905	3.141543e+00	3.1751137496	3.1446536303
##	6125	2021-09-15	3.1341640651	3.140045e+00	3.1357515950	3.1727630255
##	6126	2021-09-16	3.1531594998	3.147729e+00	3.1844084483	3.1863326286

##	6127	2021-09-17	3.1841469434	3.152965e+00	3.1910129086	3.1582996038
##	6128	2021-09-20	3.0834948568	3.068475e+00	3.0288010563	3.0419056954
##	6129	2021-09-21	3.0606218362	3.026127e+00	3.0589896464	3.0287174095
##	6130	2021-09-22	3.0344812413	3.036149e+00	3.0685381860	3.0684129229
##	6131	2021-09-23	3.0661223064	3.079207e+00	3.1115389181	3.1075959338
##	6132	2021-09-24	3.0900409083	3.079531e+00	3.1262582374	3.1179721106
##	6133	2021-09-27	3.0568096661	3.064779e+00	3.0669505307	3.0964786783
##	6134	2021-09-28	3.0417896735	3.014802e+00	3.0123616426	2.9985590692
##	6135	2021-09-29	3.0030146167	2.995525e+00	3.0209287325	2.9823846447
##	6136	2021-09-30	2.9963595403	2.970257e+00	2.9945989135	2.9648584491
##	6137	2021-10-01	2.9669622738	2.950128e+00	2.9746972386	2.9629183381
##	6138	2021-10-04	2.9564841246	2.918686e+00	2.8868324744	2.8610314922
##	6139	2021-10-05	2.8749146930	2.897932e+00	2.9157311285	2.8950591454
##	6140	2021-10-06	2.8847501234	2.901822e+00	2.9114973823	2.9397572778
##	6141	2021-10-07	2.9697179598	2.967994e+00	3.0045994162	2.9838122543
##	6142	2021-10-08	2.9974487318	2.963339e+00	3.0102665731	2.9687604916
##	6143	2021-10-11	2.9517026906	2.932263e+00	2.9550273332	2.9226344847
##	6144	2021-10-12	2.9320972444	2.905259e+00	2.9530205563	2.9237571465
##	6145	2021-10-13	2.9459408253	2.927726e+00	2.9803757025	2.9640300897
##	6146	2021-10-14	2.9816009427	2.953824e+00	3.0131113229	2.9810113191
##	6147	2021-10-15	2.9913709585	3.059230e+00	3.0276874365	3.0999882286
##	6148	2021-10-18	3.0751735506	3.100984e+00	3.1171070157	3.1411004403
##	6149	2021-10-19	3.1252000401	3.106933e+00	3.1577922157	3.1382774198
##	6150	2021-10-20	3.1452083488	3.115736e+00	3.1339434771	3.1065714618
##	6151	2021-10-21	3.1033726009	3.091405e+00	3.1368431411	3.1283155568
##	6152	2021-10-22	3.1107246432	3.080156e+00	3.0577880030	3.0199109379
##	6153	2021-10-25	3.0170541780	2.991754e+00	3.0207411104	3.0033658405
##	6154	2021-10-26	3.0328583569	3.065372e+00	3.0717686778	3.0640750133
##	6155	2021-10-27	3.0747813252	3.087871e+00	3.1020565974	3.0819716158
##	6156	2021-10-28	3.0901390314	3.133128e+00	3.1180992322	3.1409152368
##	6157	2021-10-29	2.9789542826	3.020869e+00	2.9938602689	3.0601075117
##	6158	2021-11-01	3.0462445624	3.021990e+00	3.0144785158	3.0009025827
##	6159	2021-11-02	2.9952812517	2.973781e+00	3.0051396708	2.9950604292
##	6160	2021-11-03	2.9887352001	3.042528e+00	3.0205427216	3.0727181019
##	6161	2021-11-04	3.0551758789	3.154280e+00	3.0949449918	3.1740818010
##	6162	2021-11-05	3.1717193647	3.227144e+00	3.2184122000	3.2198480452
##	6163	2021-11-08	3.2220835668	3.240882e+00	3.2304084417	3.1871391675
##	6164	2021-11-09	3.2133809379	3.256798e+00	3.2453702983	3.2822357562
##	6165	2021-11-10	3.2663375540	3.269383e+00	3.2030974430	3.1795860123
##	6166	2021-11-11	3.2109302572	3.202349e+00	3.2079266270	3.1691771059
##	6167	2021-11-12	3.1804328964	3.199645e+00	3.1854119707	3.2265619319
##	6168	2021-11-15	3.2370708521	3.256916e+00	3.2722514088	3.2489382737
##	6169	2021-11-16	3.2392492350	3.238188e+00	3.2715235310	3.2435104318
##	6170	2021-11-17	3.2672632077	3.249772e+00	3.2937959212	3.2525569229
##	6171	2021-11-18	3.2690387281	3.375791e+00	3.3110512351	3.4128424236
##	6172	2021-11-19	3.4284308347	3.438234e+00	3.4375395104	3.3915996539
##	6173	2021-11-22	3.3888822298	3.385769e+00	3.3182180238	3.2782467001
##	6174	2021-11-23	3.2893956521	3.286193e+00	3.2743462082	3.2863884624
##	6175	2021-11-24	3.2650303118	3.278208e+00	3.2844239668	3.2867915989
##	6176	2021-11-26	3.3079773226	3.299608e+00	3.2483692907	3.2041203981

## 6177	2021-11-29	3.2486597326	3.259200e+00	3.2785250403	3.2662574454
## 6178	2021-11-30	3.2659344257	3.248177e+00	3.2349840537	3.2068561378
## 6179	2021-12-01	3.2457843837	3.220279e+00	3.1794029480	3.1378088242
## 6180	2021-12-02	3.1532031100	3.147890e+00	3.1597217357	3.1308770033
## 6181	2021-12-03	3.1477571527	3.123290e+00	3.0658369120	3.0790288521
## 6182	2021-12-06	3.0802272824	3.127643e+00	3.0659359714	3.1199885910
## 6183	2021-12-07	3.1880572366	3.209623e+00	3.2070665792	3.2245348073
## 6184	2021-12-08	3.2218330745	3.202737e+00	3.2382918023	3.2243929777
## 6185	2021-12-09	3.2131086401	3.198201e+00	3.2248182716	3.1810790810
## 6186	2021-12-10	3.2058547208	3.175734e+00	3.1445612212	3.1383756096
## 6187	2021-12-13	3.1314192809	3.093259e+00	3.1143505585	3.0807292107
## 6188	2021-12-14	3.0344812413	3.037205e+00	3.0550315458	3.0703530339
## 6189	2021-12-15	3.0573106517	3.125585e+00	3.0275770702	3.1624195793
## 6190	2021-12-16	3.1612305785	3.137783e+00	3.0929713255	3.0655462627
## 6191	2021-12-17	3.0379775034	3.067365e+00	3.0368058190	3.0905386010
## 6192	2021-12-20	3.0192325609	3.002195e+00	3.0365080995	3.0264832609
## 6193	2021-12-21	3.0410272928	3.063443e+00	3.0375554992	3.0992471487
## 6194	2021-12-22	3.0719493206	3.092181e+00	3.1004689431	3.1127622018
## 6195	2021-12-23	3.0971751658	3.090565e+00	3.1368431411	3.1134489975
## 6196	2021-12-27	3.1104414425	3.111426e+00	3.1162359322	3.0829524491
## 6197	2021-12-28	3.0918270647	3.094896e+00	3.1144716915	3.1045658906
## 6198	2021-12-29	3.1061500925	3.074121e+00	3.1026741088	3.0727399223
## 6199	2021-12-30	3.0813164739	3.067139e+00	3.1009871239	3.0606088380
## 6200	2021-12-31	3.0651094325	3.033994e+00	3.0576445272	3.0185921624
## 6201	2022-01-03	3.0344812413	3.063163e+00	3.0488680105	3.0989746657
## 6202	2022-01-04	3.0973929507	3.078173e+00	3.0530358058	3.0361399113
## 6203	2022-01-05	3.0199513314	2.986075e+00	3.0090977713	2.9671471477
## 6204	2022-01-06	2.9451784447	2.935937e+00	2.9557328672	2.9431034439
## 6205	2022-01-07	2.9536414830	2.945495e+00	2.9578058630	2.9278443925
## 6206	2022-01-10	2.8827677209	2.868300e+00	2.8315270145	2.9045633230
## 6207	2022-01-11	2.9026890751	2.969341e+00	2.9284880874	2.9890548916
## 6208	2022-01-12	3.0132420079	2.980720e+00	3.0104210858	2.9856759959
## 6209	2022-01-13	2.9843893371	2.966572e+00	2.9370772509	2.8986341548
## 6210	2022-01-14	2.8732809058	2.880982e+00	2.9086195230	2.9187760820
## 6211	2022-01-18	2.8505169111	2.826771e+00	2.8615172146	2.8485736418
## 6212	2022-01-19	2.8430449401	2.816330e+00	2.8303251021	2.7914937614
## 6213	2022-01-20	2.7995645021	2.789391e+00	2.7222940542	2.6905334658
## 6214	2022-01-21	2.6510858488	2.636380e+00	2.5176435279	2.4938116041
## 6215	2022-01-24	2.4125529199	2.508044e+00	2.3694896072	2.5352505841
## 6216	2022-01-25	2.4831870926	2.479058e+00	2.4310797355	2.4358924562
## 6217	2022-01-26	2.5378099373	2.513216e+00	2.4128542776	2.4116196432
## 6218	2022-01-27	2.4517638123	2.492926e+00	2.4576520908	2.4282956600
## 6219	2022-01-28	2.4530816915	2.487635e+00	2.4263278083	2.5229127428
## 6220	2022-01-31	2.5378099373	2.624753e+00	2.5668188321	2.6448869648
## 6221	2022-02-01	2.6521750402	2.653793e+00	2.6401847396	2.6802009288
## 6222	2022-02-02	2.7621942801	2.726355e+00	2.6674405562	2.6675357886
## 6223	2022-02-03	2.4721861521	2.493012e+00	2.4352254581	2.4110310373
## 6224	2022-02-04	2.7743059508	2.858354e+00	2.7059095536	2.8207149093
## 6225	2022-02-07	2.8377731576	2.890486e+00	2.8523767596	2.8271672232
## 6226	2022-02-08	2.7992267896	2.871123e+00	2.8148999787	2.9029829747

```

## 6227 2022-02-09 2.9326091328 2.915130e+00 2.9185317320 2.8981000989
## 6228 2022-02-10 2.8340700134 2.847934e+00 2.8634025883 2.8504482926
## 6229 2022-02-11 2.8293755339 2.810942e+00 2.7527913995 2.7259780832
## 6230 2022-02-14 2.6903185468 2.799056e+00 2.7288874777 2.7668178130
## 6231 2022-02-15 2.8178520691 2.789542e+00 2.7947668044 2.7961041541
## 6232 2022-02-16 2.7783143670 2.807364e+00 2.7969057502 2.8307640530
## 6233 2022-02-17 2.8296260273 2.840014e+00 2.7917347015 2.7556023676
## 6234 2022-02-18 2.7719751976 2.735503e+00 2.7121944910 2.7108933250
## 6235 2022-02-22 2.6625986765 2.681259e+00 2.6591049646 2.6584892975
## 6236 2022-02-23 2.6881292611 2.654978e+00 2.5745479491 2.5414197706
## 6237 2022-02-24 2.4307968768 2.654676e+00 2.4609598394 2.6837865825
## 6238 2022-02-25 2.6641561462 2.702972e+00 2.6751586363 2.7367683068
## 6239 2022-02-28 2.7050008258 2.712885e+00 2.7112461517 2.7318527014
## 6240 2022-03-01 2.7116992466 2.705321e+00 2.6919950978 2.6790782670
## 6241 2022-03-02 2.6706694894 2.681626e+00 2.6649376710 2.6989258907
## 6242 2022-03-03 2.7291045053 2.701657e+00 2.6231719608 2.6083742345
## 6243 2022-03-04 2.5902871076 2.570649e+00 2.5559362102 2.5591638992
## 6244 2022-03-07 2.5529171503 2.532817e+00 2.4150152970 2.3806765844
## 6245 2022-03-08 2.3620905948 2.416550e+00 2.3302485857 2.3493192118
## 6246 2022-03-09 2.4234448345 2.406863e+00 2.4020378757 2.4204809308
## 6247 2022-03-10 2.5581777642 2.588418e+00 2.5597072266 2.5848100377
## 6248 2022-03-11 2.6429060100 2.609980e+00 2.5903808881 2.5566242721
## 6249 2022-03-14 2.5646259584 2.562029e+00 2.4914792584 2.4765906223
## 6250 2022-03-15 2.4964206620 2.573559e+00 2.5160889831 2.5967774720
## 6251 2022-03-16 2.6194992965 2.684869e+00 2.6341426064 2.7218471975
## 6252 2022-03-17 2.7096953053 2.778583e+00 2.7396928439 2.8119845410
## 6253 2022-03-18 2.8005882789 2.866845e+00 2.8250547240 2.8994297846
## 6254 2022-03-21 2.8944329189 2.898956e+00 2.9031617918 2.9046833322
## 6255 2022-03-22 2.9093441514 2.965397e+00 2.9504845617 2.9787441751
## 6256 2022-03-23 2.9507225251 2.969772e+00 2.9722716103 2.9464602543
## 6257 2022-03-24 2.9516917878 2.921250e+00 2.9141214005 2.9517247121
##               Adj.Close      Volume
## 1    -0.6134781763 9.127809e+00
## 2    -0.6137279517 1.045146e+00
## 3    -0.6137506594 -1.637078e-01
## 4    -0.6138301329 -2.536840e-01
## 5    -0.6140572028 1.629401e+00
## 6    -0.6140912632 6.339233e-01
## 7    -0.6139777282 1.219190e+00
## 8    -0.6138869009 2.007547e-01
## 9    -0.6139436679 -3.792793e-01
## 10   -0.6139720519 -5.342476e-01
## 11   -0.6139777282 -6.578171e-01
## 12   -0.6139663744 -9.395624e-01
## 13   -0.6140004348 -8.563387e-01
## 14   -0.6140685556 -5.894487e-01
## 15   -0.6139323140 -2.248174e-01
## 16   -0.6138074263 7.549710e-02
## 17   -0.6137733659 -6.919169e-01
## 18   -0.6138869009 -2.548657e-01

```

```

## 19 -0.6139323140 -8.556634e-01
## 20 -0.6138641933 -7.932034e-01
## 21 -0.6138869009 -9.252135e-01
## 22 -0.6138982537 -8.943211e-01
## 23 -0.6139720519 -3.607101e-01
## 24 -0.6139663744 -6.760487e-01
## 25 -0.6139663744 -8.816603e-01
## 26 -0.6139493442 -5.462332e-01
## 27 -0.6139777282 -8.754143e-01
## 28 -0.6139663744 -9.171106e-01
## 29 -0.6139663744 -7.265231e-01
## 30 -0.6139663744 -5.740870e-01
## 31 -0.6139890821 -8.556634e-01
## 32 -0.6139323140 -6.363782e-01
## 33 -0.6139606981 -8.409769e-01
## 34 -0.6138812235 -4.766831e-01
## 35 -0.6135292669 7.465201e-01
## 36 -0.6134327621 1.101033e-01
## 37 -0.6131035121 1.160107e+00
## 38 -0.6130808045 1.394764e-01
## 39 -0.6128196752 2.505539e-01
## 40 -0.6131148649 4.586977e-01
## 41 -0.6132851668 -3.750590e-01
## 42 -0.6129559168 2.819527e-01
## 43 -0.6130694517 -5.973829e-01
## 44 -0.6131943394 -5.769567e-01
## 45 -0.6132624602 -9.130591e-01
## 46 -0.6132340762 -9.419257e-01
## 47 -0.6132851668 -8.028256e-01
## 48 -0.6131148649 -5.642959e-01
## 49 -0.6131489252 -8.516120e-01
## 50 -0.6131829856 -9.355109e-01
## 51 -0.6130808045 -6.606869e-01
## 52 -0.6129105026 -3.455171e-01
## 53 -0.6129445629 -6.686210e-01
## 54 -0.6130013310 -8.181874e-01
## 55 -0.6129786233 -5.180418e-01
## 56 -0.6130921583 -6.470132e-01
## 57 -0.6132056933 -5.962012e-01
## 58 -0.6131602791 -8.478981e-01
## 59 -0.6132397536 -7.366518e-01
## 60 -0.6131148649 -7.116678e-01
## 61 -0.6130751281 -8.484046e-01
## 62 -0.6132170460 -9.424322e-01
## 63 -0.6132170460 -9.397312e-01
## 64 -0.6132624602 -8.762583e-01
## 65 -0.6133078744 -7.980989e-01
## 66 -0.6133873479 -7.717644e-01
## 67 -0.6132511064 -8.816603e-01
## 68 -0.6132511064 -8.821667e-01

```

```

## 69 -0.6133078744 -9.350045e-01
## 70 -0.6132965206 -9.225125e-01
## 71 -0.6131943394 -8.642728e-01
## 72 -0.6130580979 -6.606869e-01
## 73 -0.6130864819 -8.269656e-01
## 74 -0.6130240375 -8.614030e-01
## 75 -0.6130637743 -9.211620e-01
## 76 -0.6130467441 -9.198115e-01
## 77 -0.6130694517 -7.464428e-01
## 78 -0.6128310291 -5.518039e-01
## 79 -0.6128877960 -7.543769e-01
## 80 -0.6123428299 -2.281936e-01
## 81 -0.6120817006 2.392436e-01
## 82 -0.6120135799 -4.788777e-01
## 83 -0.6121725280 -4.231701e-01
## 84 -0.6115935015 -5.538297e-01
## 85 -0.6122406487 -2.373094e-01
## 86 -0.6119568118 -1.179601e-01
## 87 -0.6119000449 -6.559602e-01
## 88 -0.6120249326 -7.233157e-01
## 89 -0.6113096646 2.333352e-01
## 90 -0.6107079315 1.359979e+00
## 91 -0.6105716900 5.794077e-02
## 92 -0.6108441730 1.308670e-01
## 93 -0.6111677467 -3.239093e-01
## 94 -0.6110712419 -6.385727e-01
## 95 -0.6112074834 -6.892159e-01
## 96 -0.6108839098 -2.835635e-01
## 97 -0.6112301911 -3.195202e-01
## 98 -0.6112415438 -7.587660e-01
## 99 -0.6112358674 -8.590396e-01
## 100 -0.6111166561 -7.374958e-01
## 101 -0.6111904532 -7.776728e-01
## 102 -0.6112472213 -6.279376e-01
## 103 -0.6115253807 -4.670609e-01
## 104 -0.6113607551 -4.900192e-01
## 105 -0.6112528976 -9.081636e-01
## 106 -0.6112756042 -8.051890e-01
## 107 -0.6113380486 -6.914105e-01
## 108 -0.6116616222 -5.330659e-01
## 109 -0.6116616222 -6.662577e-01
## 110 -0.6114459061 -3.316746e-01
## 111 -0.6107874061 6.788270e-01
## 112 -0.6106852249 -2.901472e-01
## 113 -0.6107079315 -2.270119e-01
## 114 -0.6101345814 3.125075e-01
## 115 -0.6109577080 -1.659024e-01
## 116 -0.6102197323 6.258204e-01
## 117 -0.6097372106 -2.021864e-02
## 118 -0.6100267238 -3.517631e-01

```

```

## 119 -0.6100721381 -3.156376e-01
## 120 -0.6100834908 -7.415473e-01
## 121 -0.6102083796 -6.900600e-01
## 122 -0.6102992069 -5.875918e-01
## 123 -0.6105319532 -6.129134e-01
## 124 -0.6107306381 -6.532592e-01
## 125 -0.6110258288 -6.338460e-01
## 126 -0.6113096646 -4.160800e-01
## 127 -0.6115026741 1.987290e-01
## 128 -0.6114061693 -4.192874e-01
## 129 -0.6110712419 -1.971324e-01
## 130 -0.6108441730 1.742617e-02
## 131 -0.6107987588 -7.602853e-01
## 132 -0.6106965777 -6.662577e-01
## 133 -0.6106171042 -1.895359e-01
## 134 -0.6107192853 -6.566355e-01
## 135 -0.6110031211 -7.386775e-01
## 136 -0.6110315051 -5.578811e-01
## 137 -0.6109690607 -7.933722e-01
## 138 -0.6111166561 -7.972549e-01
## 139 -0.6109577080 -6.875278e-01
## 140 -0.6109974448 -8.451971e-01
## 141 -0.6108555269 -8.413145e-01
## 142 -0.6107079315 -5.953571e-01
## 143 -0.6106057503 -6.483637e-01
## 144 -0.6104808626 -3.522695e-01
## 145 -0.6105035692 -8.354061e-01
## 146 -0.6106965777 -8.195379e-01
## 147 -0.6105035692 -3.173257e-01
## 148 -0.6106625173 -6.468444e-01
## 149 -0.6106171042 -7.844252e-01
## 150 -0.6107533457 -7.854381e-01
## 151 -0.6108271428 -1.589811e-01
## 152 -0.6109350004 -5.720612e-01
## 153 -0.6107079315 -3.541265e-01
## 154 -0.6104922154 -4.105093e-01
## 155 -0.6105716900 -8.571827e-01
## 156 -0.6105943965 -6.941115e-01
## 157 -0.6106852249 -9.542489e-01
## 158 -0.6104354484 -6.637255e-01
## 159 -0.6103275909 -1.385550e-01
## 160 -0.6101402588 -3.973420e-01
## 161 -0.6102083796 -7.891520e-01
## 162 -0.6104354484 -5.177041e-01
## 163 -0.6103389437 -4.354933e-01
## 164 -0.6104013881 -6.394167e-01
## 165 -0.6105830438 -1.765375e-01
## 166 -0.6109690607 -8.824940e-02
## 167 -0.6109236476 1.843904e-02
## 168 -0.6105489834 7.128714e-03

```

```

## 169 -0.6102992069 1.737450e-01
## 170 -0.6102140559 -1.767063e-01
## 171 -0.6103900342 -6.622062e-01
## 172 -0.6102140559 -2.536840e-01
## 173 -0.6100834908 2.064943e-01
## 174 -0.6100153700 3.096377e-01
## 175 -0.6102310861 2.600073e-01
## 176 -0.6103673277 -3.598660e-01
## 177 -0.6104354484 -4.454531e-01
## 178 -0.6104127419 -2.781616e-01
## 179 -0.6102083796 -3.424785e-01
## 180 -0.6102537927 -4.991350e-01
## 181 -0.6099472493 -5.026697e-02
## 182 -0.6099983398 -3.997054e-01
## 183 -0.6100948446 -8.490798e-01
## 184 -0.6102310861 -2.023655e-01
## 185 -0.6102651465 -7.241598e-01
## 186 -0.6103219135 -6.532592e-01
## 187 -0.6098337154 7.070184e-01
## 188 -0.6098450681 -1.120517e-01
## 189 -0.6098791285 -5.956947e-01
## 190 -0.6099586031 1.617594e-01
## 191 -0.6100040173 -6.885407e-01
## 192 -0.6100834908 -6.048105e-01
## 193 -0.6099131889 -3.986925e-01
## 194 -0.6098677758 -6.424553e-01
## 195 -0.6097201804 -4.631782e-01
## 196 -0.6097201804 9.389645e-01
## 197 -0.6096293531 -7.390048e-02
## 198 -0.6090049124 1.139849e+00
## 199 -0.6086188943 2.452860e+00
## 200 -0.6086870151 5.186255e-01
## 201 -0.6090957397 1.048702e-01
## 202 -0.6089424680 6.115849e-03
## 203 -0.6088005501 6.654909e-01
## 204 -0.6086416020 -1.946002e-01
## 205 -0.6080285151 2.220576e+00
## 206 -0.6080639946 2.458937e+00
## 207 -0.6083804716 7.144461e-01
## 208 -0.6084826528 3.557231e-01
## 209 -0.6084656226 -1.051305e-01
## 210 -0.6084372397 -5.568683e-01
## 211 -0.6083577651 -5.865790e-01
## 212 -0.6078638895 8.987875e-01
## 213 -0.6079831009 6.815280e-01
## 214 -0.6079831009 -1.206611e-01
## 215 -0.6080001311 -6.000838e-01
## 216 -0.6079603943 -2.236357e-01
## 217 -0.6081931395 5.653861e-01
## 218 -0.6080966358 8.545694e-02

```

```

## 219 -0.6078922736 5.287645e-02
## 220 -0.6078127990 -2.489573e-01
## 221 -0.6078440212 -9.922211e-02
## 222 -0.6074267809 1.010203e+00
## 223 -0.6069783196 1.318451e+00
## 224 -0.6071656517 6.222754e-01
## 225 -0.6075630225 5.280789e-01
## 226 -0.6078014451 6.138348e-01
## 227 -0.6075630225 5.689311e-01
## 228 -0.6069612894 1.232864e+00
## 229 -0.6070464404 5.218329e-01
## 230 -0.6067853111 1.273548e+00
## 231 -0.6068818148 5.517124e-01
## 232 -0.6066660998 1.262406e+00
## 233 -0.6069953498 -3.304826e-02
## 234 -0.6070521167 2.404253e-01
## 235 -0.6071599753 1.524748e-01
## 236 -0.6076879113 5.670742e-01
## 237 -0.6082555839 7.009412e-01
## 238 -0.6079036263 1.338540e+00
## 239 -0.6080966358 1.633959e+00
## 240 -0.6069272290 8.767398e+00
## 241 -0.6069385828 3.430612e+00
## 242 -0.6072791867 2.140391e+00
## 243 -0.6070294102 2.865106e-01
## 244 -0.6069612894 6.536845e-02
## 245 -0.6071003691 -1.789008e-01
## 246 -0.6074040744 2.367218e-02
## 247 -0.6073473074 9.308616e-01
## 248 -0.6072224186 -3.485557e-01
## 249 -0.6077219716 5.770341e-01
## 250 -0.6073132470 6.141724e-01
## 251 -0.6071770055 9.387957e-01
## 252 -0.6072962169 1.870811e-01
## 253 -0.6074721951 -3.716828e-01
## 254 -0.6076141130 -9.179443e-02
## 255 -0.6074040744 -5.411688e-01
## 256 -0.6075630225 -4.532184e-01
## 257 -0.6075516697 -5.440386e-01
## 258 -0.6078014451 -1.981453e-01
## 259 -0.6081761093 5.083281e-01
## 260 -0.6077446782 2.245729e+00
## 261 -0.6078071226 3.013660e-01
## 262 -0.6076084367 1.928206e-01
## 263 -0.6078355055 1.087528e-01
## 264 -0.6076765574 1.309515e-01
## 265 -0.6079376867 -9.694316e-02
## 266 -0.6076424970 -3.200267e-01
## 267 -0.6075743763 -5.406624e-01
## 268 -0.6072110659 -2.542748e-01

```

```

## 269 -0.6063027883 1.711443e+00
## 270 -0.6057805298 2.393523e+00
## 271 -0.6042591653 4.020606e+00
## 272 -0.6045316484 2.023658e+00
## 273 -0.6036687861 3.718182e+00
## 274 -0.6022382500 4.487115e+00
## 275 -0.6012618516 4.641577e+00
## 276 -0.6025107331 3.428165e+00
## 277 -0.6018408782 4.137001e+00
## 278 -0.6008304205 4.086274e+00
## 279 -0.5987754437 4.247403e+00
## 280 -0.5974811481 7.235524e+00
## 281 -0.5976173896 6.639115e+00
## 282 -0.5984916079 3.359205e+00
## 283 -0.5976741598 2.424837e+00
## 284 -0.5974925030 2.054804e+00
## 285 -0.5948812084 2.951949e+00
## 286 -0.5930873587 6.331711e+00
## 287 -0.5902717018 5.572568e+00
## 288 -0.5934279625 5.624393e+00
## 289 -0.5961527931 7.180238e+00
## 290 -0.5964479860 3.126162e+00
## 291 -0.5975379183 2.491602e+00
## 292 -0.5960619669 1.684940e+00
## 293 -0.5947222571 2.544524e+00
## 294 -0.5951763970 1.454513e+00
## 295 -0.5950174500 9.465610e-01
## 296 -0.5938480420 1.484899e+00
## 297 -0.5906350111 4.030988e+00
## 298 -0.5916227622 5.635113e+00
## 299 -0.5912708079 2.912532e+00
## 300 -0.5924288609 2.889489e+00
## 301 -0.5930419478 3.053151e+00
## 302 -0.5928035251 3.032978e+00
## 303 -0.5940069890 1.895784e+00
## 304 -0.5960279065 1.740731e+00
## 305 -0.5949493292 3.447071e+00
## 306 -0.5954715855 8.679795e-01
## 307 -0.5959484308 7.937872e-01
## 308 -0.5956532423 2.925277e+00
## 309 -0.5963230951 2.221252e+00
## 310 -0.5957213631 1.594288e+00
## 311 -0.5945406046 2.273667e+00
## 312 -0.5935187931 1.581965e+00
## 313 -0.5930873587 2.938444e+00
## 314 -0.5919293057 1.810535e+00
## 315 -0.5924515663 2.441972e+00
## 316 -0.5933144308 1.707729e+00
## 317 -0.5938707475 1.033583e+00
## 318 -0.5922358491 1.509461e+00

```

```

## 319 -0.5922244986 1.689666e+00
## 320 -0.5921563778 1.212016e+00
## 321 -0.5920541967 1.106509e+00
## 322 -0.5911345663 9.395553e-01
## 323 -0.5917022379 9.961069e-01
## 324 -0.5924969816 1.283001e+00
## 325 -0.5939956385 1.231851e+00
## 326 -0.5963770249 4.468630e+00
## 327 -0.6003989893 4.744973e+00
## 328 -0.6010887116 8.465902e+00
## 329 -0.5996496609 5.635197e+00
## 330 -0.6000129713 2.560392e+00
## 331 -0.5999448505 1.482957e+00
## 332 -0.5988549183 2.063160e+00
## 333 -0.6002627478 1.494774e+00
## 334 -0.6011483178 3.474587e+00
## 335 -0.6017954650 2.298904e+00
## 336 -0.6022268962 1.095790e+00
## 337 -0.6023517839 1.400831e+00
## 338 -0.6002627478 4.480278e+00
## 339 -0.6016251631 4.949994e+00
## 340 -0.6011369639 1.332463e+00
## 341 -0.6000810921 2.320681e+00
## 342 -0.5995928929 3.240447e+00
## 343 -0.5965161068 5.389746e+00
## 344 -0.5970610729 6.169146e+00
## 345 -0.5957667784 4.125775e+00
## 346 -0.5946087254 4.407943e+00
## 347 -0.5950628609 4.370129e+00
## 348 -0.5953353440 3.117384e+00
## 349 -0.5969702423 3.815332e+00
## 350 -0.5955851216 3.829934e+00
## 351 -0.5965927410 2.423234e+00
## 352 -0.5959370803 2.940301e+00
## 353 -0.5986392022 5.002916e+00
## 354 -0.5999562044 3.251588e+00
## 355 -0.5990479268 1.892999e+00
## 356 -0.5986846164 2.046363e+00
## 357 -0.5990138664 4.803899e-01
## 358 -0.5986278494 1.170404e+00
## 359 -0.5979807033 1.364621e+00
## 360 -0.5975492688 1.988377e+00
## 361 -0.5964025707 1.323853e+00
## 362 -0.5962209139 1.673629e+00
## 363 -0.5956305368 7.522597e-01
## 364 -0.5947790273 2.732579e+00
## 365 -0.5945178948 8.938920e-01
## 366 -0.5935528535 1.722753e+00
## 367 -0.5944838344 1.813827e+00
## 368 -0.5943475929 1.775507e+00

```

```

## 369 -0.5926332232 3.609974e+00
## 370 -0.5926445737 1.957063e+00
## 371 -0.5918157740 3.407654e+00
## 372 -0.5927126945 1.563987e+00
## 373 -0.5920314868 1.844635e+00
## 374 -0.5922699095 1.049704e+00
## 375 -0.5929851775 1.635140e+00
## 376 -0.5925651024 2.050077e+00
## 377 -0.5916795324 3.813053e+00
## 378 -0.5926105133 1.293214e+00
## 379 -0.5918157740 6.617771e-01
## 380 -0.5924061510 2.349389e-01
## 381 -0.5926786341 6.508888e-01
## 382 -0.5886368035 7.578379e+00
## 383 -0.5858211466 7.295874e+00
## 384 -0.5877739390 4.448879e+00
## 385 -0.5828011231 8.390190e+00
## 386 -0.5760117564 8.512409e+00
## 387 -0.5766475487 1.046699e+01
## 388 -0.5774082321 2.848975e+00
## 389 -0.5762615296 3.258436e-01
## 390 -0.5807347947 3.162625e+00
## 391 -0.5775558242 5.610720e+00
## 392 -0.5793723794 3.148107e+00
## 393 -0.5811889346 2.049064e+00
## 394 -0.5813705870 2.108317e+00
## 395 -0.5809164515 1.196232e+00
## 396 -0.5785435753 2.571450e+00
## 397 -0.5763296504 5.519562e+00
## 398 -0.5768973263 3.248381e+00
## 399 -0.5751034766 2.559886e+00
## 400 -0.5752397181 4.428537e+00
## 401 -0.5715157859 4.325056e+00
## 402 -0.5631142219 1.329761e+01
## 403 -0.5653395017 8.491814e+00
## 404 -0.5635343014 2.205974e+00
## 405 -0.5577099759 3.673531e+00
## 406 -0.5570514737 3.445130e+00
## 407 -0.5565746284 1.025986e+00
## 408 -0.5566086888 -2.611961e-01
## 409 -0.5516812882 3.183220e+00
## 410 -0.5552462734 2.438933e+00
## 411 -0.5572558360 3.560934e+00
## 412 -0.5572558360 1.551326e+00
## 413 -0.5511363220 4.504671e+00
## 414 -0.5477643442 7.821945e+00
## 415 -0.5404073015 4.066382e+00
## 416 -0.5290311336 5.627601e+00
## 417 -0.5282818052 8.354965e+00
## 418 -0.5149982559 4.452734e+00

```

```

## 419 -0.5265787861 2.415778e+00
## 420 -0.5349576402 3.180097e+00
## 421 -0.5404073015 1.919080e+00
## 422 -0.5391130069 1.809381e+00
## 423 -0.5394195504 5.816764e-01
## 424 -0.5540314546 3.272774e+00
## 425 -0.5578462175 5.595752e+00
## 426 -0.5485817933 5.133998e+00
## 427 -0.5543720584 2.821008e+00
## 428 -0.5528904318 2.428664e+00
## 429 -0.5471512573 3.904042e+00
## 430 -0.5486499141 2.318346e+00
## 431 -0.5518856505 1.283732e+00
## 432 -0.5524646770 7.751898e-01
## 433 -0.5555301114 8.128347e-01
## 434 -0.5470831365 1.620651e+00
## 435 -0.5513066240 6.160294e-01
## 436 -0.5524646770 1.822418e-01
## 437 -0.5561431983 7.494743e-01
## 438 -0.5611160142 7.815202e-01
## 439 -0.5625124899 8.348363e-01
## 440 -0.5557344737 9.175536e-01
## 441 -0.5586636666 6.961685e-02
## 442 -0.5618653426 7.164258e-02
## 443 -0.5646582940 3.373508e-01
## 444 -0.5668381585 2.010547e+00
## 445 -0.5600942027 2.763950e+00
## 446 -0.5575737344 1.679903e+00
## 447 -0.5528393412 1.950985e+00
## 448 -0.5551554472 2.464058e+00
## 449 -0.5474918611 4.138577e+00
## 450 -0.5457888420 2.545509e+00
## 451 -0.5431321321 1.701961e+00
## 452 -0.5495014237 1.312880e+00
## 453 -0.5483093103 1.161738e+00
## 454 -0.5501485709 1.493536e+00
## 455 -0.5493992425 6.901092e-01
## 456 -0.5490245783 4.490473e-01
## 457 -0.5448010909 1.269102e+00
## 458 -0.5408841468 9.632170e-01
## 459 -0.5421103206 1.263503e+00
## 460 -0.5429618302 2.900838e-01
## 461 -0.5398963957 -3.513026e-02
## 462 -0.5426893471 3.712077e-02
## 463 -0.5442220643 8.396578e-02
## 464 -0.5401688788 7.075530e-01
## 465 -0.5420081395 4.859888e-01
## 466 -0.5436770982 -9.455167e-02
## 467 -0.5505572955 5.551449e-01
## 468 -0.5482071291 6.011459e-01

```

```

## 469 -0.5393854900 1.242064e+00
## 470 -0.5398282750 2.483133e+00
## 471 -0.5340720703 1.634296e+00
## 472 -0.5258635180 2.659738e+00
## 473 -0.5217762721 2.085331e+00
## 474 -0.5224234194 6.052817e-01
## 475 -0.5139764445 1.216321e+00
## 476 -0.5159519467 1.021485e+00
## 477 -0.5198007699 8.294344e-01
## 478 -0.5180636904 5.932680e-01
## 479 -0.5159519467 -6.070510e-02
## 480 -0.5151004371 1.826920e-01
## 481 -0.5184042942 1.080776e-01
## 482 -0.5240583178 3.773309e-01
## 483 -0.5244670423 1.298138e+00
## 484 -0.5120690630 3.431034e+00
## 485 -0.5289970733 2.968155e+00
## 486 -0.5218784533 1.791431e+00
## 487 -0.5179274489 5.361818e-01
## 488 -0.5120350026 7.410338e-01
## 489 -0.5011016198 3.438997e+00
## 490 -0.5027024578 9.445634e-01
## 491 -0.5034177258 1.494662e+00
## 492 -0.5101616816 1.716704e+00
## 493 -0.5239220762 4.914910e+00
## 494 -0.5218443929 1.477921e+00
## 495 -0.5333568022 2.661004e+00
## 496 -0.5376824709 2.029370e+00
## 497 -0.5357750894 2.875309e+00
## 498 -0.5407479053 1.549384e+00
## 499 -0.5412928714 1.320027e+00
## 500 -0.5355707271 9.806045e-01
## 501 -0.5347532779 9.384299e-01
## 502 -0.5377165312 8.000903e-03
## 503 -0.5414972337 5.948436e-01
## 504 -0.5434727359 5.621787e-01
## 505 -0.5406116638 1.911456e+00
## 506 -0.5433364944 7.226897e-01
## 507 -0.5395557919 7.524285e-01
## 508 -0.5443242455 -5.296794e-02
## 509 -0.5455504193 1.034072e-01
## 510 -0.5515791070 9.823770e-01
## 511 -0.5548148434 1.159122e+00
## 512 -0.5497057860 1.953714e+00
## 513 -0.5531799450 8.866613e-01
## 514 -0.5508978994 3.389827e-01
## 515 -0.5579483986 1.801475e+00
## 516 -0.5545082999 4.169047e+00
## 517 -0.5583571232 1.412535e+00
## 518 -0.5565178625 1.719236e+00

```

```

## 519 -0.5516472278 1.354830e+00
## 520 -0.5548148434 9.247844e-01
## 521 -0.5534864885 2.298183e-01
## 522 -0.5524306166 7.652863e-01
## 523 -0.5579483986 9.307209e-01
## 524 -0.5654757432 1.898288e+00
## 525 -0.5630233956 1.552901e+00
## 526 -0.5547467226 2.030889e+00
## 527 -0.5540655150 1.655876e+00
## 528 -0.5549510849 9.868045e-02
## 529 -0.5483093103 1.259986e+00
## 530 -0.5515791070 1.330634e+00
## 531 -0.5514428655 1.288487e+00
## 532 -0.5536908508 1.525874e-01
## 533 -0.5555641718 3.490550e-01
## 534 -0.5552916887 1.350666e+00
## 535 -0.5523624958 1.178507e+00
## 536 -0.5474237403 1.355505e+00
## 537 -0.5489223972 1.000524e+00
## 538 -0.5480027668 -8.739504e-03
## 539 -0.5464700496 1.071340e+00
## 540 -0.5491948802 3.822826e-01
## 541 -0.5472874988 4.718086e-01
## 542 -0.5472193780 -2.375626e-01
## 543 -0.5516472278 4.758601e-01
## 544 -0.5468787742 1.854482e+00
## 545 -0.5420421999 1.706829e+00
## 546 -0.5395557919 2.179415e+00
## 547 -0.5406116638 4.258077e-01
## 548 -0.5438474001 3.049673e-01
## 549 -0.5501485709 1.399902e+00
## 550 -0.5472534384 1.387607e+00
## 551 -0.5574034325 7.072706e+00
## 552 -0.5531799450 3.208823e+00
## 553 -0.5578802778 3.285773e+00
## 554 -0.5605710481 2.321047e+00
## 555 -0.5579824590 2.604340e+00
## 556 -0.5602645046 1.614602e+00
## 557 -0.5610819538 6.733406e-01
## 558 -0.5643858109 1.364171e+00
## 559 -0.5639089656 3.076363e+00
## 560 -0.5674171850 2.129953e+00
## 561 -0.5626146710 4.254944e+00
## 562 -0.5668040981 1.962183e+00
## 563 -0.5690180230 8.118218e-01
## 564 -0.5660207093 2.240186e+00
## 565 -0.5660547697 2.586249e+00
## 566 -0.5656119847 8.258049e-01
## 567 -0.5625124899 4.943730e-01
## 568 -0.5620356445 7.712791e-01

```

```

## 569 -0.5560750775 2.306839e+00
## 570 -0.5539633338 2.974570e+00
## 571 -0.5577780967 1.549469e+00
## 572 -0.5537930319 9.862315e-01
## 573 -0.5511022617 1.679031e+00
## 574 -0.5501826313 2.495513e+00
## 575 -0.5432002529 1.923160e+00
## 576 -0.5455504193 1.684405e+00
## 577 -0.5455844797 7.951376e-01
## 578 -0.5506254163 1.578926e+00
## 579 -0.5478324649 3.590307e+00
## 580 -0.5507275975 2.066677e+00
## 581 -0.5501485709 1.346010e+00
## 582 -0.5475599819 1.289345e+00
## 583 -0.5470150157 2.445189e-01
## 584 -0.5486499141 -4.143253e-02
## 585 -0.5462656873 2.690668e-01
## 586 -0.5431321321 7.245325e-01
## 587 -0.5466062911 6.711283e-02
## 588 -0.5436770982 2.127403e-01
## 589 -0.5441539436 7.691792e-02
## 590 -0.5444945474 -2.977052e-02
## 591 -0.5460613250 -4.364490e-03
## 592 -0.5472193780 -1.847670e-01
## 593 -0.5477643442 1.353265e-01
## 594 -0.5436770982 3.892461e-01
## 595 -0.5477643442 9.992299e-01
## 596 -0.5447670305 5.207779e-01
## 597 -0.5474237403 1.000566e+00
## 598 -0.5438133398 1.195501e+00
## 599 -0.5276005976 1.014326e+01
## 600 -0.5284861675 3.344659e+00
## 601 -0.5314153604 4.445035e-01
## 602 -0.5316197227 3.498428e-01
## 603 -0.5301210659 1.287123e+00
## 604 -0.5257613369 1.162217e+00
## 605 -0.5204479172 2.439158e+00
## 606 -0.5183361734 5.891744e-01
## 607 -0.5192898642 -8.132816e-02
## 608 -0.5230365063 -5.503963e-03
## 609 -0.5284861675 6.036780e-01
## 610 -0.5288608317 7.656239e-01
## 611 -0.5337995872 6.916144e-01
## 612 -0.5348895195 4.956391e-01
## 613 -0.5320965681 7.167072e-02
## 614 -0.5278730806 6.541065e-02
## 615 -0.5276005976 2.378087e-01
## 616 -0.5299167036 4.821633e-03
## 617 -0.5254207331 -1.260808e-02
## 618 -0.5270556314 6.203444e-02

```

```

## 619 -0.5328458965 7.828145e-01
## 620 -0.5382274370 4.003050e+00
## 621 -0.5386361616 3.401925e-01
## 622 -0.5402710599 7.812530e-01
## 623 -0.5432002529 8.402101e-01
## 624 -0.5438814605 4.925864e-01
## 625 -0.5468787742 1.334826e+00
## 626 -0.5448351512 5.375042e-01
## 627 -0.5305979112 3.526581e+00
## 628 -0.5384317993 2.701898e+00
## 629 -0.5371375047 5.959268e-01
## 630 -0.5360475725 2.846396e-01
## 631 -0.5339358288 4.289307e-01
## 632 -0.5355026064 -1.172286e-01
## 633 -0.5295760998 1.120928e+00
## 634 -0.5322328096 -8.625181e-02
## 635 -0.5306660320 -2.054041e-01
## 636 -0.5306660320 -2.124098e-01
## 637 -0.5278730806 4.836254e-01
## 638 -0.5265106653 1.556151e+00
## 639 -0.5205160379 1.014634e+00
## 640 -0.5141126860 5.944216e-01
## 641 -0.5170418789 1.516931e+00
## 642 -0.5229002647 8.714823e-01
## 643 -0.5229683855 4.773231e-01
## 644 -0.5185405357 3.190771e-01
## 645 -0.5212653664 5.459166e-01
## 646 -0.5199710718 2.713177e-01
## 647 -0.5218103325 -7.644671e-02
## 648 -0.5190855019 7.873161e-01
## 649 -0.5026683974 4.796207e+00
## 650 -0.4993304799 1.077361e+00
## 651 -0.5038945712 1.945791e-01
## 652 -0.5113878554 3.991497e-01
## 653 -0.5104341646 4.027510e-01
## 654 -0.5122053046 -3.743734e-02
## 655 -0.5130908745 -1.849358e-01
## 656 -0.5098891985 4.636776e-01
## 657 -0.5067556433 3.149693e-01
## 658 -0.5091398701 -1.898454e-01
## 659 -0.5175187243 7.939841e-01
## 660 -0.5271918730 1.301711e+00
## 661 -0.5258975784 4.267784e-01
## 662 -0.5246032839 -1.909708e-01
## 663 -0.5294398582 2.793924e-01
## 664 -0.5326415342 2.459183e-05
## 665 -0.5181999319 1.244568e+00
## 666 -0.5263063030 1.437266e+00
## 667 -0.5395898523 4.387235e+00
## 668 -0.5441539436 1.615164e+00

```

```

## 669 -0.5397942146 4.550682e-01
## 670 -0.5402029392 1.053292e+00
## 671 -0.5428596490 4.589087e-01
## 672 -0.5463338081 4.971443e-01
## 673 -0.5437452190 4.470075e-01
## 674 -0.5455844797 -5.865124e-02
## 675 -0.5457207212 -2.652616e-01
## 676 -0.5427915283 1.371553e-01
## 677 -0.5450395135 -1.818269e-01
## 678 -0.5479687065 5.896245e-01
## 679 -0.5391811277 3.080752e+00
## 680 -0.5401348184 3.043624e-01
## 681 -0.5449713928 -1.002350e-01
## 682 -0.5426552867 -6.844227e-02
## 683 -0.5483774310 9.154294e-01
## 684 -0.5452438758 4.821483e-01
## 685 -0.5421103206 8.629152e-01
## 686 -0.5399304561 9.503170e-01
## 687 -0.5238539555 5.131775e+00
## 688 -0.5299848244 5.278820e-01
## 689 -0.5338677080 4.021179e-01
## 690 -0.5250120085 1.716563e+00
## 691 -0.5281455637 3.249432e-01
## 692 -0.5325734134 3.811010e-01
## 693 -0.5325734134 1.460882e-01
## 694 -0.5344807949 -2.955350e-01
## 695 -0.5351620025 -1.190152e-01
## 696 -0.5385680408 -4.234796e-01
## 697 -0.5404073015 -1.605004e-01
## 698 -0.5450395135 2.048062e-01
## 699 -0.5463338081 -2.229323e-01
## 700 -0.5388405239 1.646855e-01
## 701 -0.5410203884 -1.971183e-01
## 702 -0.5402710599 -3.376252e-01
## 703 -0.5439495813 -3.112907e-01
## 704 -0.5405435430 -1.716598e-02
## 705 -0.5438133398 -2.382800e-01
## 706 -0.5474237403 9.981993e-02
## 707 -0.5474918611 -1.703618e-01
## 708 -0.5459250835 5.560556e-02
## 709 -0.5464019288 -4.349306e-01
## 710 -0.5462656873 -1.870741e-01
## 711 -0.5406116638 1.465805e-01
## 712 -0.5427234075 -5.003870e-01
## 713 -0.5444264266 -2.301771e-01
## 714 -0.5440858228 -3.467973e-01
## 715 -0.5461294458 -1.670981e-01
## 716 -0.5434046152 3.422041e-01
## 717 -0.5449713928 -2.774160e-01
## 718 -0.5456526004 -2.049680e-01

```

```

## 719 -0.5367287801 1.380363e+00
## 720 -0.5385680408 6.043251e-01
## 721 -0.5418378376 -2.572150e-01
## 722 -0.5363881763 3.482391e-01
## 723 -0.5359113310 -3.547736e-01
## 724 -0.5391811277 -2.916102e-01
## 725 -0.5434046152 -1.946987e-01
## 726 -0.5431321321 -3.146247e-01
## 727 -0.5425871660 -3.031597e-01
## 728 -0.5463338081 -3.383426e-01
## 729 -0.5459250835 9.914084e-01
## 730 -0.5478324649 -3.334753e-01
## 731 -0.5455844797 -1.741319e-01
## 732 -0.5419740791 -1.713747e-01
## 733 -0.5465381704 -3.864256e-01
## 734 -0.5465381704 -3.606819e-01
## 735 -0.5541676961 2.004593e-01
## 736 -0.5632958787 4.794895e-01
## 737 -0.5645220525 1.801208e+00
## 738 -0.5643176902 6.907704e-01
## 739 -0.5557344737 4.873674e-01
## 740 -0.5573693721 -2.668231e-01
## 741 -0.5585274251 -3.299162e-01
## 742 -0.5613203765 -8.120155e-02
## 743 -0.5584593043 -1.689869e-02
## 744 -0.5573012513 6.662224e-01
## 745 -0.5579824590 5.620662e-01
## 746 -0.5554619907 -6.143662e-02
## 747 -0.5502848125 1.840003e-01
## 748 -0.5544401792 2.213881e-02
## 749 -0.5566200437 -2.596487e-01
## 750 -0.5555982322 -3.580654e-01
## 751 -0.5518515901 -4.513474e-01
## 752 -0.5545593905 -4.671172e-01
## 753 -0.5543039376 -3.824585e-01
## 754 -0.5575056136 2.027101e-01
## 755 -0.5558025945 -2.377033e-01
## 756 -0.5570287683 -4.643599e-01
## 757 -0.5545082999 -4.424427e-01
## 758 -0.5512385032 -1.179320e-01
## 759 -0.5491267595 -3.825326e-02
## 760 -0.5552576284 -3.578122e-01
## 761 -0.5582549420 -3.741446e-01
## 762 -0.5590723912 1.409957e-01
## 763 -0.5647264148 -2.016340e-01
## 764 -0.5626827918 6.184209e-01
## 765 -0.5660207093 -3.307321e-01
## 766 -0.5649307771 -5.133995e-01
## 767 -0.5592086328 -2.331454e-01
## 768 -0.5629552749 -5.465605e-02

```

```

## 769 -0.5609116519 4.947210e-02
## 770 -0.5525327977 1.479873e-01
## 771 -0.5562113191 -6.433454e-02
## 772 -0.5605029273 -3.400730e-01
## 773 -0.5591405120 -4.824227e-01
## 774 -0.5590723912 -5.950898e-01
## 775 -0.5587317874 -7.523653e-01
## 776 -0.5628190333 -4.620528e-01
## 777 -0.5622059464 -3.491606e-01
## 778 -0.5649988978 -3.165238e-01
## 779 -0.5651351394 -5.227263e-01
## 780 -0.5654757432 -5.907852e-01
## 781 -0.5662250716 -2.980953e-01
## 782 -0.5653395017 -1.507235e-01
## 783 -0.5654076224 -5.201097e-01
## 784 -0.5698354722 4.565735e-01
## 785 -0.5786911717 6.269588e+00
## 786 -0.5786230509 1.942151e+00
## 787 -0.5758300996 1.458480e+00
## 788 -0.5743314427 1.069666e+00
## 789 -0.5751488919 2.413959e-01
## 790 -0.5760344618 -1.151607e-01
## 791 -0.5752851334 -7.748593e-01
## 792 -0.5758300996 -4.300351e-01
## 793 -0.5763069449 -7.081968e-02
## 794 -0.5762388241 -4.782868e-01
## 795 -0.5773968772 -4.262368e-01
## 796 -0.5795086209 3.694108e-01
## 797 -0.5773968772 5.620521e-01
## 798 -0.5774649979 1.866731e-01
## 799 -0.5691542645 2.133428e+00
## 800 -0.5707891629 -1.041739e-01
## 801 -0.5701079552 9.676726e-02
## 802 -0.5710616460 -3.554629e-01
## 803 -0.5716747329 -4.569501e-02
## 804 -0.5707891629 -3.597957e-01
## 805 -0.5733777520 -2.099339e-01
## 806 -0.5746039258 2.881316e+00
## 807 -0.5763069449 1.164411e+00
## 808 -0.5814160023 2.294248e+00
## 809 -0.5829146592 7.282042e-01
## 810 -0.5827784176 3.106506e-01
## 811 -0.5826421761 1.246210e-01
## 812 -0.5820290892 -3.260335e-01
## 813 -0.5812797608 -2.991363e-01
## 814 -0.5801898285 -3.375408e-01
## 815 -0.5787592925 -4.033770e-01
## 816 -0.5797129832 -3.122895e-01
## 817 -0.5819609684 2.256262e-01
## 818 -0.5824378138 -1.684627e-01

```

```

## 819 -0.5788955340 2.596416e-01
## 820 -0.5776012395 -1.481772e-01
## 821 -0.5746720465 1.725633e-01
## 822 -0.5735139935 3.605060e-01
## 823 -0.5739227181 -3.230512e-01
## 824 -0.5731052689 1.414843e-02
## 825 -0.5747401673 -4.548080e-01
## 826 -0.5758300996 -5.292677e-01
## 827 -0.5733096312 -3.586140e-01
## 828 -0.5726965443 -3.589376e-01
## 829 -0.5720834574 -6.417520e-01
## 830 -0.5729690274 2.684057e-01
## 831 -0.5724240613 -3.867773e-01
## 832 -0.5688136607 7.946875e-01
## 833 -0.5703804383 -3.733850e-01
## 834 -0.5703804383 -5.519305e-01
## 835 -0.5658163470 4.076324e-01
## 836 -0.5656119847 9.836993e-01
## 837 -0.5682005738 1.908615e-02
## 838 -0.5688136607 -3.069016e-01
## 839 -0.5694267476 -2.565116e-01
## 840 -0.5690861438 -4.851940e-01
## 841 -0.5693586268 -4.481259e-01
## 842 -0.5667019170 -4.319098e-02
## 843 -0.5680643323 -1.533822e-01
## 844 -0.5689499022 -3.974546e-01
## 845 -0.5711978875 -5.588368e-03
## 846 -0.5747401673 3.480703e-01
## 847 -0.5719472159 2.181526e-02
## 848 -0.5704485591 -1.792666e-01
## 849 -0.5716066121 -2.547109e-01
## 850 -0.5722878197 -4.234514e-01
## 851 -0.5743314427 3.883176e-01
## 852 -0.5720153367 -1.987220e-01
## 853 -0.5737183558 -1.059886e-01
## 854 -0.5765113072 -2.522069e-01
## 855 -0.5773968772 -2.659650e-01
## 856 -0.5763750657 8.026600e-02
## 857 -0.5790317755 -4.279709e-02
## 858 -0.5812116400 2.251620e-01
## 859 -0.5828465384 7.676637e-01
## 860 -0.5824378138 -7.069218e-04
## 861 -0.5852988860 8.710284e-02
## 862 -0.5882280789 1.072054e-01
## 863 -0.5846176783 5.104766e-02
## 864 -0.5891136488 -1.727852e-02
## 865 -0.5917022379 1.107114e+00
## 866 -0.5882280789 1.620327e+00
## 867 -0.5853670067 5.070479e-01
## 868 -0.5820290892 6.121326e-01

```

```

## 869 -0.5829146592 4.120496e-01
## 870 -0.5833915045 9.011790e-01
## 871 -0.5808710362 2.996726e+00
## 872 -0.5754213750 1.484828e+00
## 873 -0.5767837903 7.174706e-01
## 874 -0.5797811040 7.370949e-01
## 875 -0.5756938580 3.726464e-01
## 876 -0.5748764088 5.386015e-01
## 877 -0.5722878197 -3.950528e-02
## 878 -0.5746720465 -1.840214e-01
## 879 -0.5757619788 -1.161876e-01
## 880 -0.5753532542 -2.497310e-01
## 881 -0.5786911717 -2.019013e-01
## 882 -0.5815522439 -1.419772e-02
## 883 -0.5828465384 -2.834510e-01
## 884 -0.5852988860 1.557244e-01
## 885 -0.5840727122 7.981584e-02
## 886 -0.5834596253 -2.823819e-01
## 887 -0.5852988860 -4.411203e-01
## 888 -0.5857076106 -3.199704e-01
## 889 -0.5874787505 -1.170739e-01
## 890 -0.5891817696 -1.509486e-01
## 891 -0.5881599581 6.480331e-01
## 892 -0.5840727122 5.187765e-02
## 893 -0.5850945237 -1.208580e-01
## 894 -0.5883302600 5.707177e-01
## 895 -0.5862525767 5.898074e-01
## 896 -0.5887049242 8.233713e-01
## 897 -0.5887730450 6.849145e-02
## 898 -0.5866613013 1.385620e-01
## 899 -0.5879555958 3.797364e-01
## 900 -0.5898629772 2.187894e-01
## 901 -0.5923153248 4.750583e-01
## 902 -0.5900673395 8.017494e-01
## 903 -0.5880237166 5.111697e-01
## 904 -0.5874106297 5.102984e-03
## 905 -0.5897267357 -1.390896e-01
## 906 -0.5908847887 -3.513026e-02
## 907 -0.5906804264 2.030196e-01
## 908 -0.5939502232 1.232977e+00
## 909 -0.5957213631 8.367355e-01
## 910 -0.5974243822 2.079211e+00
## 911 -0.5990592806 2.223907e-01
## 912 -0.5986505560 2.977366e-01
## 913 -0.5971518992 2.450957e-01
## 914 -0.5972200199 -9.449540e-02
## 915 -0.5966750538 1.667112e-01
## 916 -0.5986505560 3.628272e-01
## 917 -0.6004898167 2.719226e-01
## 918 -0.5964706915 1.042389e+00

```

```

## 919 -0.5987186768 4.712600e-01
## 920 -0.5997404882 2.149911e-01
## 921 -0.5993317637 4.465292e-01
## 922 -0.5977649860 2.276790e+00
## 923 -0.5976287445 5.249981e-01
## 924 -0.5970837784 7.717574e-01
## 925 -0.5963344500 1.637008e-01
## 926 -0.5959257254 -1.763405e-01
## 927 -0.5955851216 2.666472e-01
## 928 -0.5943589478 -4.437931e-01
## 929 -0.5938821024 -1.537621e-01
## 930 -0.5954488800 -4.040101e-01
## 931 -0.5949550045 -3.553785e-01
## 932 -0.5917703587 9.253049e-01
## 933 -0.5949039139 -2.871545e-02
## 934 -0.5943589478 -3.060998e-01
## 935 -0.5936777401 6.224545e-02
## 936 -0.5949720347 7.037688e-01
## 937 -0.5967431746 1.857661e+00
## 938 -0.5979012276 3.092298e-01
## 939 -0.5999448505 6.795444e-01
## 940 -0.5998767298 2.699953e-01
## 941 -0.5983780729 1.660729e+00
## 942 -0.5992636429 4.183341e-02
## 943 -0.5999448505 -2.778802e-01
## 944 -0.6010347828 2.581045e-02
## 945 -0.5998086090 -2.778662e-01
## 946 -0.6006260582 -3.481899e-01
## 947 -0.5998767298 1.199788e-01
## 948 -0.5998086090 1.282115e+00
## 949 -0.6006941790 -1.097165e-01
## 950 -0.6019884735 -9.585996e-02
## 951 -0.6026015604 3.968107e-02
## 952 -0.6026015604 1.376758e-01
## 953 -0.6027378019 -2.983204e-01
## 954 -0.6026015604 -1.465032e-01
## 955 -0.6028059227 6.500269e-02
## 956 -0.6045089418 1.035271e+00
## 957 -0.6042364588 5.241822e-01
## 958 -0.6047133041 3.869634e-02
## 959 -0.6018522320 2.283191e+00
## 960 -0.6026696812 2.239694e+00
## 961 -0.6022609566 4.745800e-01
## 962 -0.6028740435 -3.253723e-01
## 963 -0.6022609566 2.231362e-01
## 964 -0.6040320965 -2.186136e-01
## 965 -0.6036233719 -5.542376e-01
## 966 -0.6040320965 -5.832590e-01
## 967 -0.6037596134 -2.033643e-01
## 968 -0.6036233719 -4.027899e-02

```

```

## 969 -0.6041683380 -6.977868e-02
## 970 -0.6044408211 -1.372749e-01
## 971 -0.6047133041 -2.481414e-01
## 972 -0.6045089418 -9.508624e-02
## 973 -0.6045089418 -4.946333e-01
## 974 -0.6036887678 -5.907326e-02
## 975 -0.6029258152 -2.345521e-01
## 976 -0.6038413583 -5.463316e-01
## 977 -0.6047133041 -3.702760e-01
## 978 -0.6044626197 -5.222058e-01
## 979 -0.6056942432 2.157086e-01
## 980 -0.6062065113 -3.383004e-01
## 981 -0.6064571957 -2.197952e-01
## 982 -0.6056724445 -2.597331e-01
## 983 -0.6064898937 -2.798638e-01
## 984 -0.6034271841 2.269827e+00
## 985 -0.6025225403 1.630414e+00
## 986 -0.6010947291 8.653348e-01
## 987 -0.5996233205 5.992046e-01
## 988 -0.6003208772 -1.351085e-01
## 989 -0.5995470253 -3.090680e-01
## 990 -0.5975851461 1.728127e+00
## 991 -0.5981846100 2.070851e-01
## 992 -0.5984134957 1.760661e-01
## 993 -0.5979557231 6.216564e-01
## 994 -0.5985224890 -2.643651e-02
## 995 -0.5980756167 2.879033e-01
## 996 -0.5987949720 -1.842746e-01
## 997 -0.5989693612 -3.973420e-01
## 998 -0.5984134957 -2.096385e-01
## 999 -0.5972036720 -3.042288e-01
## 1000 -0.5969638848 3.188764e-02
## 1001 -0.5973562615 -3.180009e-01
## 1002 -0.5964734174 -9.650707e-02
## 1003 -0.5971709730 -3.076331e-01
## 1004 -0.5979775228 -1.111692e-02
## 1005 -0.5992527436 -3.656900e-01
## 1006 -0.5996778171 -3.176352e-01
## 1007 -0.5996124212 -5.322641e-01
## 1008 -0.6010838297 -1.514128e-01
## 1009 -0.6008549440 -1.602754e-01
## 1010 -0.6002118839 1.192200e-03
## 1011 -0.5995034280 -7.246559e-02
## 1012 -0.5995688239 -3.093072e-01
## 1013 -0.5977595375 -5.363287e-03
## 1014 -0.5979012276 5.412471e-03
## 1015 -0.5986096835 2.329554e-01
## 1016 -0.5973562615 -2.722954e-01
## 1017 -0.5969856845 -4.808649e-02
## 1018 -0.5968439944 2.988479e-01

```

```
## 1019 -0.5985442876 2.223907e-01
## 1020 -0.5974216563 3.322021e-01
## 1021 -0.5971382739 -1.128114e-01
## 1022 -0.5971818723 -1.588967e-01
## 1023 -0.5976941394 7.719684e-01
## 1024 -0.5981846100 3.468464e-01
## 1025 -0.5980320205 -5.381303e-01
## 1026 -0.5985006903 -6.699293e-01
## 1027 -0.5994162334 -3.234873e-01
## 1028 -0.5996560185 -4.131399e-01
## 1029 -0.6002227833 -4.904131e-01
## 1030 -0.6011274270 -3.069860e-01
## 1031 -0.6019993728 5.642148e-02
## 1032 -0.6027187281 -2.185292e-01
## 1033 -0.6032309963 -1.633280e-01
## 1034 -0.6019557755 4.757335e-01
## 1035 -0.6013563128 3.526563e-01
## 1036 -0.6020974667 -1.341800e-01
## 1037 -0.6016505945 -4.551213e-02
## 1038 -0.6011710243 -8.876990e-02
## 1039 -0.6003099778 4.978158e-02
## 1040 -0.5999611995 -2.467206e-01
## 1041 -0.6001900853 -3.912930e-01
## 1042 -0.5997759110 -1.316760e-01
## 1043 -0.6002118839 -6.428070e-01
## 1044 -0.5989693612 6.770263e-01
## 1045 -0.5989693612 2.561247e-01
## 1046 -0.5983807978 1.027600e-01
## 1047 -0.5985987842 1.930316e-01
## 1048 -0.5988930659 -2.038004e-01
## 1049 -0.5976396438 -1.820379e-01
## 1050 -0.5971055770 -5.939682e-02
## 1051 -0.5981628113 6.369065e-03
## 1052 -0.5977922344 -5.014139e-01
## 1053 -0.5982173079 -5.060703e-01
## 1054 -0.5976396438 -2.894719e-01
## 1055 -0.5971055770 -4.972640e-01
## 1056 -0.5981410116 1.960140e-01
## 1057 -0.6024680437 3.559429e+00
## 1058 -0.6030675064 7.440583e-01
## 1059 -0.6021737620 4.546603e-01
## 1060 -0.6022609566 2.539723e-01
## 1061 -0.6019339769 -2.939454e-01
## 1062 -0.6019993728 -4.067814e-01
## 1063 -0.6019884735 -2.475787e-01
## 1064 -0.6023263525 -4.780195e-01
## 1065 -0.6023699498 -5.888157e-01
## 1066 -0.6026424329 -6.483356e-01
## 1067 -0.6029694125 -6.626282e-01
## 1068 -0.6035034793 -5.482308e-01
```

```
## 1069 -0.6042119353 -1.718389e-01
## 1070 -0.6047678007  2.696436e-01
## 1071 -0.6045825123 -3.431115e-01
## 1072 -0.6041356400 -3.465440e-01
## 1073 -0.6046261096 -5.503268e-01
## 1074 -0.6049203913 -1.467846e-01
## 1075 -0.6047242035 -2.686800e-01
## 1076 -0.6042773312 -5.143842e-01
## 1077 -0.6048331967 -2.999522e-01
## 1078 -0.6044953177 -4.423301e-01
## 1079 -0.6051165791 -4.599849e-01
## 1080 -0.6044626197 -4.910461e-01
## 1081 -0.6045716129 -6.544972e-01
## 1082 -0.6047460021 -5.685303e-01
## 1083 -0.6055961493 -4.877121e-01
## 1084 -0.6061411154 -1.996364e-01
## 1085 -0.6058686323 -5.105015e-01
## 1086 -0.6062501086 -3.394258e-01
## 1087 -0.6072746449  1.941729e+00
## 1088 -0.6067296788 -1.954340e-02
## 1089 -0.6063373032 -2.087982e-02
## 1090 -0.6062065113 -2.021404e-01
## 1091 -0.6074490341  4.646483e-01
## 1092 -0.6076670205 -1.406230e-01
## 1093 -0.6076452219  3.047000e-01
## 1094 -0.6074599334  1.913717e-01
## 1095 -0.6074599334  7.871613e-01
## 1096 -0.6074817320 -3.049603e-01
## 1097 -0.6078850070 -3.386662e-01
## 1098 -0.6086915568  7.998465e-02
## 1099 -0.6088550467  1.413052e-01
## 1100 -0.6091057311 -4.267048e-02
## 1101 -0.6090621338  1.018316e-01
## 1102 -0.6089858385 -2.240718e-01
## 1103 -0.6082446846 -2.738991e-01
## 1104 -0.6079395036 -1.481772e-01
## 1105 -0.6077651144 -1.926730e-01
## 1106 -0.6078523090 -4.693117e-01
## 1107 -0.6080811948 -6.335646e-01
## 1108 -0.6076997185 -5.890830e-01
## 1109 -0.6070566585 -8.514047e-02
## 1110 -0.6068168734 -5.121897e-01
## 1111 -0.6059340283  1.872780e-01
## 1112 -0.6051928743  1.447658e-01
## 1113 -0.6058904310  2.354876e-01
## 1114 -0.6063809005 -4.103827e-01
## 1115 -0.6068822693 -3.702938e-02
## 1116 -0.6060539208 -4.275873e-01
## 1117 -0.6052037736  6.971711e-01
## 1118 -0.6072855442  2.732186e+00
```

```
## 1119 -0.6071438530 2.809680e-01
## 1120 -0.6073727388 -1.636656e-01
## 1121 -0.6079286043 -2.966464e-01
## 1122 -0.6086152616 3.917782e-01
## 1123 -0.6080048995 6.625471e-02
## 1124 -0.6080375975 -3.118815e-01
## 1125 -0.6082991812 -5.026940e-01
## 1126 -0.6079940002 -1.382455e-01
## 1127 -0.6079286043 -2.339050e-01
## 1128 -0.6075144300 3.439626e-01
## 1129 -0.6080157988 3.121839e-01
## 1130 -0.6078523090 -4.037568e-01
## 1131 -0.6079286043 -4.843781e-01
## 1132 -0.6076670205 -1.595579e-01
## 1133 -0.6052691696 3.131339e+00
## 1134 -0.6057487398 1.924116e+00
## 1135 -0.6058577330 8.147197e-01
## 1136 -0.6055961493 3.855745e-01
## 1137 -0.6062392093 2.552909e-02
## 1138 -0.6060212228 2.428168e-01
## 1139 -0.6057160418 -4.498422e-01
## 1140 -0.6023045539 6.107952e+00
## 1141 -0.6031002044 3.803628e+00
## 1142 -0.6029803119 5.802264e+00
## 1143 -0.6034598820 1.829273e+00
## 1144 -0.6032745936 2.276519e-01
## 1145 -0.6041792373 3.172764e-01
## 1146 -0.6026097349 1.016969e+00
## 1147 -0.6027950234 2.341079e+00
## 1148 -0.6024244464 7.334936e-01
## 1149 -0.6028495200 -2.567686e-02
## 1150 -0.6029149159 1.751940e-01
## 1151 -0.6022718559 9.655240e-01
## 1152 -0.6026315335 1.131841e-01
## 1153 -0.6037432644 8.490830e-02
## 1154 -0.6036233719 3.874314e-01
## 1155 -0.6038304590 1.869263e-01
## 1156 -0.6037759624 1.177101e-02
## 1157 -0.6039394522 -3.753582e-02
## 1158 -0.6045498143 8.168683e-02
## 1159 -0.6047133041 9.389223e-01
## 1160 -0.6048985926 -1.454059e-01
## 1161 -0.6035143787 1.537300e+00
## 1162 -0.6040593448 5.021524e-01
## 1163 -0.6037323651 4.202510e-01
## 1164 -0.6038195597 -1.738506e-01
## 1165 -0.6036669692 -1.056369e-01
## 1166 -0.6026424329 5.071604e-01
## 1167 -0.6022609566 7.620085e-01
## 1168 -0.6021628627 6.910517e-01
```

```
## 1169 -0.6026969295 -1.729502e-01
## 1170 -0.6030457078 5.077091e-01
## 1171 -0.6035797746 1.203304e-01
## 1172 -0.6035906739 -4.211444e-01
## 1173 -0.6045934116 -1.824880e-01
## 1174 -0.6043972238 -3.064233e-01
## 1175 -0.6056615452 1.092962e+00
## 1176 -0.6049966865 1.316749e+00
## 1177 -0.6045389150 5.940699e-01
## 1178 -0.6018794803 6.945915e+00
## 1179 -0.6020211715 1.513822e+00
## 1180 -0.6003426758 2.278675e+00
## 1181 -0.5998740049 3.236381e+00
## 1182 -0.5987186768 2.215006e+00
## 1183 -0.6001137900 1.825179e+00
## 1184 -0.6004625684 1.052433e+00
## 1185 -0.6001464880 4.522407e-01
## 1186 -0.6006478568 7.468118e-02
## 1187 -0.6019557755 1.669156e+00
## 1188 -0.6030784058 9.910848e-01
## 1189 -0.6033399895 2.235161e-01
## 1190 -0.6033617881 -1.380383e-02
## 1191 -0.6019666749 -1.666902e-01
## 1192 -0.6011165277 3.093704e-01
## 1193 -0.6015525006 2.713280e-02
## 1194 -0.6011274270 -1.729924e-01
## 1195 -0.6004843670 2.828953e-01
## 1196 -0.6009966352 -7.209893e-04
## 1197 -0.6014326081 1.436826e-01
## 1198 -0.6014871047 1.048842e-01
## 1199 -0.6011601250 1.414740e-01
## 1200 -0.6013672121 8.368442e-02
## 1201 -0.6006478568 -2.160533e-01
## 1202 -0.5999176022 1.462992e-01
## 1203 -0.6000592934 1.800754e-01
## 1204 -0.6002445819 -1.713606e-01
## 1205 -0.5988385693 3.613501e-01
## 1206 -0.5976505432 9.365730e-01
## 1207 -0.5982064086 2.165245e-01
## 1208 -0.5978140330 9.836290e-01
## 1209 -0.5985878849 2.816010e-01
## 1210 -0.5977922344 3.044608e-01
## 1211 -0.5973998598 -9.085190e-02
## 1212 -0.5978358327 -2.323154e-01
## 1213 -0.5984570930 -2.407137e-01
## 1214 -0.5998304077 1.111166e+00
## 1215 -0.6003208772 7.104368e-01
## 1216 -0.5992527436 3.603091e-01
## 1217 -0.5996342199 -3.343615e-01
## 1218 -0.5998086090 -1.283317e-02
```

```
## 1219 -0.5990783544 -2.381112e-01
## 1220 -0.5986859788 -2.933827e-01
## 1221 -0.5995470253 -3.030752e-01
## 1222 -0.5994489314 -3.299443e-01
## 1223 -0.6000810921 1.232002e-01
## 1224 -0.6000265955 -5.835263e-01
## 1225 -0.5994816293 -3.520585e-01
## 1226 -0.6000810921 -3.515662e-01
## 1227 -0.6007132528 -3.849485e-01
## 1228 -0.6008549440 -2.164753e-01
## 1229 -0.6008985413 -3.897455e-01
## 1230 -0.6004080718 -2.803280e-01
## 1231 -0.6007895480 -1.141619e-01
## 1232 -0.6009203399 -2.832962e-01
## 1233 -0.6017268898 -1.846967e-01
## 1234 -0.6011056284 -2.660775e-01
## 1235 -0.6004734677 -3.540561e-01
## 1236 -0.6003426758 -5.049589e-01
## 1237 -0.5994598307 6.830857e-02
## 1238 -0.6000701928 -4.774709e-01
## 1239 -0.5997759110 -4.984034e-01
## 1240 -0.6000156961 -2.785695e-01
## 1241 -0.6002881792 1.134373e-01
## 1242 -0.5973126631 3.824814e+00
## 1243 -0.5972799662 6.273678e-01
## 1244 -0.5971818723 1.217091e-01
## 1245 -0.5979775228 1.610279e-01
## 1246 -0.5974216563 -1.195357e-01
## 1247 -0.5976396438 6.059954e-02
## 1248 -0.5978249323 -3.448700e-01
## 1249 -0.5981192151 -2.967589e-01
## 1250 -0.5980429177 -2.698054e-01
## 1251 -0.5980538170 -2.429223e-01
## 1252 -0.5967350001 8.691996e-02
## 1253 -0.5962881279 5.249700e-01
## 1254 -0.5971491732 4.252272e-02
## 1255 -0.5967350001 -8.024496e-02
## 1256 -0.5951110021 1.039477e+00
## 1257 -0.5938793765 7.916630e-01
## 1258 -0.5942390541 7.669284e-02
## 1259 -0.5947295247 -1.158640e-01
## 1260 -0.5944788414 1.674427e-01
## 1261 -0.5951654976 6.934957e-02
## 1262 -0.5951763970 -3.088289e-01
## 1263 -0.5944134433 -2.282217e-01
## 1264 -0.5943916468 -4.248723e-01
## 1265 -0.5948385191 -4.666529e-01
## 1266 -0.5950020078 -5.143701e-01
## 1267 -0.5955905701 2.272965e-02
## 1268 -0.5957431617 -3.079567e-01
```

```
## 1269 -0.5960374445 -4.999790e-01
## 1270 -0.5960265452 -5.919987e-02
## 1271 -0.5960047455 -4.076817e-01
## 1272 -0.5958085577 -2.842388e-01
## 1273 -0.5953616854 -2.690458e-01
## 1274 -0.5967567998 5.362381e-01
## 1275 -0.5969311890 -2.461438e-01
## 1276 -0.5969965838 8.535471e-03
## 1277 -0.5966151075 -3.344741e-01
## 1278 -0.5972799662 9.884926e-02
## 1279 -0.5955469739 2.505539e-01
## 1280 -0.5951436979 9.728776e-02
## 1281 -0.5956668676 2.106967e-02
## 1282 -0.5964843167 2.006703e-01
## 1283 -0.5965061132 -2.945362e-01
## 1284 -0.5965279129 -1.848092e-01
## 1285 -0.5988930659 1.130115e+00
## 1286 -0.5983372005 1.409113e-01
## 1287 -0.5983263012 -1.517223e-01
## 1288 -0.5979012276 -1.452653e-01
## 1289 -0.6008440447 8.814703e-01
## 1290 -0.6010947291 1.968580e-01
## 1291 -0.6000810921 6.093716e-02
## 1292 -0.5990347571 -5.491452e-01
## 1293 -0.5993290388 -1.942063e-01
## 1294 -0.5986096835 3.630485e-02
## 1295 -0.5993072402 -7.164967e-02
## 1296 -0.5986641802 6.551944e-03
## 1297 -0.5987949720 -3.805632e-02
## 1298 -0.5982391066 -1.750604e-01
## 1299 -0.5978576292 4.952030e-01
## 1300 -0.5979993215 7.255322e-03
## 1301 -0.5986641802 -5.821514e-02
## 1302 -0.5989475625 -1.638485e-01
## 1303 -0.5987186768 2.901260e-01
## 1304 -0.5997541124 5.656393e-01
## 1305 -0.6002445819 1.757852e+00
## 1306 -0.6019993728 2.939664e-01
## 1307 -0.6015198026 -2.410935e-01
## 1308 -0.5999938975 -3.109287e-02
## 1309 -0.5995143273 -2.407841e-01
## 1310 -0.5998631056 -4.880778e-01
## 1311 -0.6001791860 -1.693349e-01
## 1312 -0.6005279643 -4.349587e-01
## 1313 -0.6015851986 -4.801578e-01
## 1314 -0.6006369575 -3.613431e-01
## 1315 -0.6007895480 -2.412342e-01
## 1316 -0.6004625684 -2.531776e-01
## 1317 -0.6000701928 -3.506518e-01
## 1318 -0.5998522063 -5.299570e-01
```

```
## 1319 -0.6004298704 -2.864333e-01
## 1320 -0.6004516690 -4.717210e-02
## 1321 -0.5996778171 -3.128522e-01
## 1322 -0.5993726361 -5.090245e-01
## 1323 -0.5987186768 -4.211021e-01
## 1324 -0.5981955093 6.059954e-02
## 1325 -0.5988494686 1.923714e-03
## 1326 -0.5984679923 -5.858090e-02
## 1327 -0.5990783544 -3.139495e-01
## 1328 -0.5993399381 -1.211112e-01
## 1329 -0.5997868104 -5.193219e-01
## 1330 -0.5997323138 -3.214475e-01
## 1331 -0.5991110524 -6.734500e-02
## 1332 -0.5993290388 -5.389040e-01
## 1333 -0.5996996158 -3.643958e-01
## 1334 -0.5994489314 -3.995366e-01
## 1335 -0.6000810921 -2.743633e-01
## 1336 -0.5989257639 -3.200689e-01
## 1337 -0.5976178452 2.183251e-01
## 1338 -0.5969420883 5.596465e-01
## 1339 -0.5969638848 -8.543589e-02
## 1340 -0.5973562615 -2.889833e-02
## 1341 -0.5975088509 -5.086306e-01
## 1342 -0.5973998598 -6.060344e-01
## 1343 -0.5967023021 1.900071e-01
## 1344 -0.5962881279 1.576236e-01
## 1345 -0.5968548937 -3.417611e-01
## 1346 -0.5983263012 7.505153e-01
## 1347 -0.5981192151 1.884700e-02
## 1348 -0.5982500059 -2.780106e-02
## 1349 -0.5984679923 2.909841e-01
## 1350 -0.5969202886 6.139755e-01
## 1351 -0.5970728791 -3.331555e-02
## 1352 -0.5982500059 2.770432e-01
## 1353 -0.5971382739 2.738639e-01
## 1354 -0.5970728791 1.340745e-01
## 1355 -0.5973562615 -1.289187e-01
## 1356 -0.5975742490 5.329847e-02
## 1357 -0.5974761551 -2.141682e-01
## 1358 -0.5971491732 -1.649458e-01
## 1359 -0.5972363678 -1.669856e-01
## 1360 -0.5960374445 4.583319e-01
## 1361 -0.5954924784 3.317097e-01
## 1362 -0.5946859264 3.660205e-01
## 1363 -0.5949693087 9.479677e-01
## 1364 -0.5943698471 2.070148e-01
## 1365 -0.5951872963 9.721217e-01
## 1366 -0.5948603155 -9.878601e-02
## 1367 -0.5946205315 -7.214204e-02
## 1368 -0.5944897407 1.934537e-01
```

```
## 1369 -0.5940864647 -8.756009e-02
## 1370 -0.5939665711  7.961364e-01
## 1371 -0.5945769353  1.213957e+00
## 1372 -0.5953507861  2.151318e-01
## 1373 -0.5953725848 -4.012800e-03
## 1374 -0.5948167193 -5.369945e-02
## 1375 -0.5945115372 -6.301218e-02
## 1376 -0.5940319692 -2.421205e-01
## 1377 -0.5951436979  8.008632e-01
## 1378 -0.5952090960  9.451645e-02
## 1379 -0.5945333369  9.887740e-02
## 1380 -0.5947731209 -1.196904e-01
## 1381 -0.5943480485 -3.354063e-02
## 1382 -0.5949039139 -2.139572e-01
## 1383 -0.5940101695  4.489911e-01
## 1384 -0.5933671094  1.538384e+00
## 1385 -0.5924951647  8.309396e-01
## 1386 -0.5914052325  7.016727e-01
## 1387 -0.5911763456  2.541021e+00
## 1388 -0.5924079680  7.017431e-01
## 1389 -0.5906531781  8.474127e-01
## 1390 -0.5901082120  5.652314e-01
## 1391 -0.5894651520  6.212344e-01
## 1392 -0.5891817696  3.967863e-01
## 1393 -0.5901082120 -1.216458e-01
## 1394 -0.5893670581 -2.257177e-01
## 1395 -0.5901627086 -6.602227e-01
## 1396 -0.5893343590  5.460995e-01
## 1397 -0.5897376350 -1.926448e-01
## 1398 -0.5901191124  8.558355e-02
## 1399 -0.5910019564  4.743689e-01
## 1400 -0.5909692574  2.986509e-01
## 1401 -0.5919828955  2.590892e-02
## 1402 -0.5917867066 -2.487501e-02
## 1403 -0.5914924270 -1.242483e-01
## 1404 -0.5913071386 -1.818972e-01
## 1405 -0.5914379293 -4.798905e-01
## 1406 -0.5910782517 -3.277498e-01
## 1407 -0.5911327494 -5.417456e-01
## 1408 -0.5915251239 -4.610962e-01
## 1409 -0.5919719951 -2.048414e-01
## 1410 -0.5917104124 -3.285094e-01
## 1411 -0.5913725334 -4.003666e-01
## 1412 -0.5917649101 -6.923952e-01
## 1413 -0.5934870031  9.747102e-01
## 1414 -0.5950565033  2.068253e+00
## 1415 -0.5946314308  1.426697e-01
## 1416 -0.5950238075 -2.438648e-01
## 1417 -0.5942826525 -1.106450e-01
## 1418 -0.5932472169  2.091109e-01
```

```
## 1419 -0.5930510280 6.014938e-02
## 1420 -0.5921245878 3.232270e-01
## 1421 -0.5927022508 -4.065882e-02
## 1422 -0.5922335788 -1.569554e-01
## 1423 -0.5923752711 4.343711e-02
## 1424 -0.5915905188 -2.099236e-02
## 1425 -0.5908275673 -3.119134e-02
## 1426 -0.5913398354 -3.954748e-02
## 1427 -0.5918521047 9.018364e-02
## 1428 -0.5922880765 -2.088085e-01
## 1429 -0.5926368548 -1.375000e-01
## 1430 -0.5925387609 -8.256610e-02
## 1431 -0.5918630018 5.243651e-01
## 1432 -0.5915142235 2.027316e+00
## 1433 -0.5918739012 1.317392e-01
## 1434 -0.5920482903 9.817402e-02
## 1435 -0.5915469226 -3.005187e-02
## 1436 -0.5918303050 -1.835572e-01
## 1437 -0.5917976070 -1.418046e-01
## 1438 -0.5914597280 -2.919056e-01
## 1439 -0.5915796216 -3.450669e-01
## 1440 -0.5914488287 -2.711419e-01
## 1441 -0.5915360232 -4.547799e-01
## 1442 -0.5922444781 -4.608890e-02
## 1443 -0.5922880765 1.161946e-01
## 1444 -0.5929638334 -8.321321e-02
## 1445 -0.5925823593 -2.583685e-01
## 1446 -0.5937485868 6.057882e-01
## 1447 -0.5937485868 -9.076750e-02
## 1448 -0.5922989769 8.853773e-02
## 1449 -0.5925169612 -2.531776e-01
## 1450 -0.5923316727 -4.361967e-01
## 1451 -0.5918739012 -8.823909e-03
## 1452 -0.5918739012 -4.697516e-02
## 1453 -0.5917649101 -2.316261e-01
## 1454 -0.5920264939 -4.430194e-01
## 1455 -0.5920482903 -3.086741e-01
## 1456 -0.5916232178 -3.634251e-01
## 1457 -0.5918412054 -3.925168e-01
## 1458 -0.5913398354 -2.583122e-01
## 1459 -0.5911763456 -2.968433e-01
## 1460 -0.5908820628 -2.592829e-01
## 1461 -0.5905768840 -2.000584e-01
## 1462 -0.5906749779 -4.029691e-01
## 1463 -0.5907839689 -4.552863e-01
## 1464 -0.5901518082 -2.387865e-01
## 1465 -0.5889964811 5.540336e-01
## 1466 -0.5886804018 2.303248e-01
## 1467 -0.5866749265 1.104920e+00
## 1468 -0.5864242399 2.080980e-01
```

```

## 1469 -0.5866858237 1.702844e-01
## 1470 -0.5856939853 2.962173e-01
## 1471 -0.5851708189 4.764931e-01
## 1472 -0.5870237037 4.318708e-01
## 1473 -0.5862934491 -8.064260e-03
## 1474 -0.5853561074 1.479554e-02
## 1475 -0.5853452081 4.742986e-01
## 1476 -0.5859882681 -1.172567e-01
## 1477 -0.5872416891 2.735122e-01
## 1478 -0.5877757559 3.521780e-01
## 1479 -0.5868602150 -9.109105e-02
## 1480 -0.5865659322 7.578876e-03
## 1481 -0.5870346042 -1.684908e-01
## 1482 -0.5863806437 -5.644638e-03
## 1483 -0.5867076234 -2.626310e-01
## 1484 -0.5882989256 6.595404e-01
## 1485 -0.5876340658 2.870733e-01
## 1486 -0.5875468712 -5.226456e-02
## 1487 -0.5883098249 4.426466e-01
## 1488 -0.5882226303 -1.307053e-01
## 1489 -0.5890400795 2.847240e-01
## 1490 -0.5883752197 -6.761228e-02
## 1491 -0.5880918373 -1.944492e-02
## 1492 -0.5877321597 -5.654110e-02
## 1493 -0.5878956495 2.222078e-01
## 1494 -0.5882335274 1.453570e+00
## 1495 -0.5840372905 4.600359e+00
## 1496 -0.5838846978 1.200030e+00
## 1497 -0.5841244851 4.580224e-01
## 1498 -0.5843424693 3.065991e-01
## 1499 -0.5843751684 5.889737e-02
## 1500 -0.5835359205 3.677086e-01
## 1501 -0.5829582575 5.438205e-01
## 1502 -0.5819555199 9.413841e-01
## 1503 -0.5821517055 4.334605e-01
## 1504 -0.5824241886 1.748563e-01
## 1505 -0.5818683253 -1.813064e-01
## 1506 -0.5810617733 -3.323490e-03
## 1507 -0.5796993579 1.206150e+00
## 1508 -0.5800808375 1.016628e-01
## 1509 -0.5800481363 -2.923558e-01
## 1510 -0.5795903669 5.255289e-02
## 1511 -0.5812143659 3.507009e-01
## 1512 -0.5813015594 1.119321e-01
## 1513 -0.5810072777 -2.912304e-01
## 1514 -0.5796448624 1.715364e-01
## 1515 -0.5799500424 -2.916561e-02
## 1516 -0.5776284899 6.970304e-01
## 1517 -0.5776175873 2.507649e-01
## 1518 -0.5768655363 2.913499e-01

```

```
## 1519 -0.5764949593 4.107413e-01
## 1520 -0.5770290228 3.210465e-01
## 1521 -0.5772143135 3.974615e-01
## 1522 -0.5770399254 2.901963e-01
## 1523 -0.5768982332 -1.080744e-02
## 1524 -0.5792633883 5.782298e-01
## 1525 -0.5789037085 1.642916e-01
## 1526 -0.5784786349 3.366474e-01
## 1527 -0.5778464720 6.694402e-02
## 1528 -0.5772470104 -3.348436e-02
## 1529 -0.5784132379 -1.770720e-01
## 1530 -0.5765494548 -2.006390e-02
## 1531 -0.5765494548 1.377742e-01
## 1532 -0.5765385577 5.537382e-01
## 1533 -0.5769200318 -1.804060e-01
## 1534 -0.5774213995 -3.629787e-02
## 1535 -0.5768328350 1.599166e-01
## 1536 -0.5770290228 1.275471e-01
## 1537 -0.5770399254 -8.602673e-02
## 1538 -0.5755903134 4.251043e-01
## 1539 -0.5760480871 -7.231085e-02
## 1540 -0.5760262874 -2.991645e-01
## 1541 -0.5750126504 -3.900260e-03
## 1542 -0.5743586932 -1.666198e-01
## 1543 -0.5742823979 -4.817474e-01
## 1544 -0.5730507734 -8.063885e-02
## 1545 -0.5714594734 6.857764e-01
## 1546 -0.5714703706 7.901399e-02
## 1547 -0.5739227181 2.187612e-01
## 1548 -0.5745766753 6.034108e-01
## 1549 -0.5728109872 1.997278e-01
## 1550 -0.5737265303 -1.996223e-01
## 1551 -0.5745439795 -2.314010e-01
## 1552 -0.5760262874 5.225747e-02
## 1553 -0.5774867966 8.626760e-01
## 1554 -0.5771053181 3.594510e-01
## 1555 -0.5776066902 1.213507e+00
## 1556 -0.5718954430 3.503890e+00
## 1557 -0.5705875243 2.329234e+00
## 1558 -0.5702714473 4.750723e-01
## 1559 -0.5697482754 2.569790e-02
## 1560 -0.5705003319 7.807146e-02
## 1561 -0.5712959814 -1.466195e-02
## 1562 -0.5702278489 2.391733e-01
## 1563 -0.5719826398 2.158914e-01
## 1564 -0.5723968108 -3.040356e-02
## 1565 -0.5734649488 -6.391251e-02
## 1566 -0.5731706660 2.703892e-01
## 1567 -0.5730943718 -1.230948e-01
## 1568 -0.5729417769 -3.460095e-01
```

```
## 1569 -0.5731815642 -2.857721e-01
## 1570 -0.5721788287 -1.606552e-01
## 1571 -0.5717864520 -1.632192e-02
## 1572 -0.5716883581 -3.404668e-01
## 1573 -0.5719063456 -6.729960e-01
## 1574 -0.5687237413 5.491521e-01
## 1575 -0.5681242786 4.528034e-01
## 1576 -0.5679171936 -7.678433e-02
## 1577 -0.5658027218 6.079968e-01
## 1578 -0.5663258893 4.505526e-01
## 1579 -0.5656392352 -2.349638e-02
## 1580 -0.5655520384 -1.024295e-01
## 1581 -0.5656065340 -3.842029e-01
## 1582 -0.5655411402 -3.981476e-02
## 1583 -0.5651269649 -1.564490e-01
## 1584 -0.5640261311 3.079215e-01
## 1585 -0.5652686572 4.821483e-01
## 1586 -0.5640697295 4.198430e-01
## 1587 -0.5649089784 1.170949e-01
## 1588 -0.5640806310 1.936750e-02
## 1589 -0.5647345893 1.167995e-01
## 1590 -0.5652359570 1.030273e-01
## 1591 -0.5663585894 6.108947e-01
## 1592 -0.5658245215 -7.321117e-02
## 1593 -0.5660098122 -4.000149e-01
## 1594 -0.5652141573 6.818196e-02
## 1595 -0.5653013540 8.943430e-03
## 1596 -0.5634157723 2.487111e-01
## 1597 -0.5637536481 -1.436334e-01
## 1598 -0.5638735417 2.770572e-01
## 1599 -0.5606364451 1.832354e+00
## 1600 -0.5615410867 1.133800e+00
## 1601 -0.5610615187 5.293309e-01
## 1602 -0.5626855155 8.676841e-01
## 1603 -0.5612686036 2.488236e-01
## 1604 -0.5628272078 2.805178e-01
## 1605 -0.5620751557 7.446351e-01
## 1606 -0.5610179203 1.335540e-01
## 1607 -0.5579661111 9.713762e-01
## 1608 -0.5565927932 7.070006e-02
## 1609 -0.5557644469 1.832916e+00
## 1610 -0.5549033993 8.844948e-01
## 1611 -0.5525491456 2.016779e+00
## 1612 -0.5523311592 5.858966e-01
## 1613 -0.5520695776 1.489017e-01
## 1614 -0.5503147856 3.820857e-01
## 1615 -0.5517970946 4.161714e-01
## 1616 -0.5503147856 4.136674e-01
## 1617 -0.5505545718 6.558828e-01
## 1618 -0.5506635639 5.367586e-01
```

```

## 1619 -0.5509251499 1.384864e+00
## 1620 -0.5567235883 3.577576e+00
## 1621 -0.5564075069 1.032725e+00
## 1622 -0.5562004219 4.456148e-01
## 1623 -0.5558625408 -1.236012e-01
## 1624 -0.5537807702 2.757771e-01
## 1625 -0.5538243685 2.118540e-01
## 1626 -0.5547617070 3.594088e-01
## 1627 -0.5562876143 6.417271e-02
## 1628 -0.5537698687 2.617376e-01
## 1629 -0.5536390779 -3.671990e-02
## 1630 -0.5537698687 -2.761640e-01
## 1631 -0.5556772501 2.140064e-01
## 1632 -0.5564184051 1.730135e-01
## 1633 -0.5589579483 2.602465e-01
## 1634 -0.5586854653 5.134064e-01
## 1635 -0.5566145929 2.797723e-01
## 1636 -0.5558843405 -2.778699e-02
## 1637 -0.5584456791 1.540082e-01
## 1638 -0.5607236375 8.055617e-01
## 1639 -0.5627509126 7.497557e-01
## 1640 -0.5616282834 9.577869e-01
## 1641 -0.5623694385 7.128142e-01
## 1642 -0.5626637158 2.705017e-01
## 1643 -0.5596664021 4.728074e-01
## 1644 -0.5584238805 9.145010e-01
## 1645 -0.5578898158 2.303107e-01
## 1646 -0.5567889821 -4.624749e-01
## 1647 -0.5560478271 5.981917e-01
## 1648 -0.5568325805 -1.452653e-01
## 1649 -0.5594702187 6.049441e-01
## 1650 -0.5591541372 4.143848e-01
## 1651 -0.5594157188 3.249254e-02
## 1652 -0.5599388852 1.555697e-01
## 1653 -0.5618353695 4.487519e-01
## 1654 -0.5619879589 2.791111e-01
## 1655 -0.5602440695 3.003391e-01
## 1656 -0.5600369791 -1.519192e-01
## 1657 -0.5606691420 3.385044e-01
## 1658 -0.5616609803 4.613142e-01
## 1659 -0.5637536481 9.265287e-01
## 1660 -0.5624784295 4.895760e-01
## 1661 -0.5619443605 1.090764e-01
## 1662 -0.5612359078 7.444203e-02
## 1663 -0.5584129822 5.252091e-01
## 1664 -0.5574974391 -2.265899e-01
## 1665 -0.5573339482 -2.702734e-02
## 1666 -0.5573339482 1.106238e-01
## 1667 -0.5580315038 -2.979687e-01
## 1668 -0.5582603928 -2.761921e-01

```

```
## 1669 -0.5590451407 -8.871363e-02
## 1670 -0.5575519357 5.646124e-01
## 1671 -0.5578135206 -1.807718e-01
## 1672 -0.5590451407 2.774370e-01
## 1673 -0.5608544283 4.290292e-01
## 1674 -0.5593830219 7.749366e-01
## 1675 -0.5579007130 3.067257e-01
## 1676 -0.5557644469 1.020148e+00
## 1677 -0.5547944082 5.435110e-01
## 1678 -0.5543802329 6.958910e-01
## 1679 -0.5548816006 2.593602e-01
## 1680 -0.5539115609 6.722537e-02
## 1681 -0.5543584332 -6.849854e-02
## 1682 -0.5532903007 4.785329e-01
## 1683 -0.5533665948 -1.732457e-01
## 1684 -0.5534537916 -2.397853e-01
## 1685 -0.5548598009 8.009476e-01
## 1686 -0.5589797481 2.013178e+00
## 1687 -0.5619661603 2.140321e+00
## 1688 -0.5606800391 5.815498e-01
## 1689 -0.5630015970 6.074903e-01
## 1690 -0.5666310725 2.785502e+00
## 1691 -0.5661406030 2.015907e+00
## 1692 -0.5654321448 8.326559e-01
## 1693 -0.5650942691 -1.072547e-01
## 1694 -0.5656283326 -1.581793e-01
## 1695 -0.5659226154 -3.265822e-01
## 1696 -0.5642332215 8.597744e-02
## 1697 -0.5643204139 -7.221237e-02
## 1698 -0.5650615678 -2.586780e-01
## 1699 -0.5659880124 5.300202e-01
## 1700 -0.5667073677 9.607795e-02
## 1701 -0.5669471495 2.419268e-02
## 1702 -0.5663803891 2.880684e-02
## 1703 -0.5676883046 2.913921e-01
## 1704 -0.5694866939 5.380528e-01
## 1705 -0.5688109370 -1.656107e-02
## 1706 -0.5680370818 -1.843168e-01
## 1707 -0.5687346428 -1.504177e-02
## 1708 -0.5687782368 -3.251051e-01
## 1709 -0.5698245750 -4.275488e-02
## 1710 -0.5685602536 3.279256e-01
## 1711 -0.5672305352 1.541451e-02
## 1712 -0.5675575138 -1.187338e-01
## 1713 -0.5682005738 -9.313085e-02
## 1714 -0.5690616214 -9.529725e-02
## 1715 -0.5703259428 -4.752379e-02
## 1716 -0.5706202245 -3.206353e-02
## 1717 -0.5693559031 -1.472488e-01
## 1718 -0.5708382077 -9.261035e-02
```

```

## 1719 -0.5696937799 -1.480366e-01
## 1720 -0.5689635275 -3.043132e-01
## 1721 -0.5687346428 -2.175163e-01
## 1722 -0.5689635275 -2.132116e-01
## 1723 -0.5710888964 2.397922e-01
## 1724 -0.5717646523 5.563969e-01
## 1725 -0.5724186105 8.516152e-02
## 1726 -0.5698463693 -2.220217e-02
## 1727 -0.5701624508 -2.152514e-01
## 1728 -0.5690071259 -2.404886e-01
## 1729 -0.5678735952 -2.556957e-01
## 1730 -0.5684403600 -3.651414e-01
## 1731 -0.5668490556 -1.071984e-01
## 1732 -0.5653776493 1.234534e-01
## 1733 -0.5644294093 -1.872992e-01
## 1734 -0.5649961741 -1.905066e-01
## 1735 -0.5656392352 -3.826273e-01
## 1736 -0.5631868876 2.263718e-01
## 1737 -0.5633394771 -4.114237e-01
## 1738 -0.5648435803 -2.175022e-01
## 1739 -0.5646146956 -1.584606e-01
## 1740 -0.5643967081 -2.345099e-01
## 1741 -0.5660207093 1.579753e-01
## 1742 -0.5642659173 -2.698195e-01
## 1743 -0.5663476879 2.962032e-01
## 1744 -0.5657809231 -1.711074e-01
## 1745 -0.5623585359 1.199637e+00
## 1746 -0.5651596617 1.030995e+00
## 1747 -0.5641133279 6.143984e-03
## 1748 -0.5632958787 2.410020e-01
## 1749 -0.5644185078 -1.607818e-01
## 1750 -0.5652686572 2.483172e-01
## 1751 -0.5680915828 3.616455e-01
## 1752 -0.5672087355 -4.883207e-02
## 1753 -0.5677101032 2.584889e-03
## 1754 -0.5673722275 -3.348117e-01
## 1755 -0.5685929505 7.707267e-02
## 1756 -0.5699444632 2.844568e-01
## 1757 -0.5706420242 4.133720e-01
## 1758 -0.5690725185 4.573012e-02
## 1759 -0.5687237413 3.034020e-02
## 1760 -0.5680806802 1.393639e-01
## 1761 -0.5686910444 -3.015982e-01
## 1762 -0.5697482754 -9.071123e-02
## 1763 -0.5698463693 -2.347209e-01
## 1764 -0.5701733523 1.531604e-02
## 1765 -0.5709472031 -1.890998e-01
## 1766 -0.5707401181 -2.810173e-01
## 1767 -0.5702387460 -3.090118e-01
## 1768 -0.5680697830 -6.826314e-03

```

```

## 1769 -0.5669035555 1.787634e-02
## 1770 -0.5637100540 9.713199e-01
## 1771 -0.5627509126 4.724698e-01
## 1772 -0.5608653298 7.975995e-01
## 1773 -0.5607345401 7.319321e-01
## 1774 -0.5617699714 1.506461e-01
## 1775 -0.5600805775 7.477018e-01
## 1776 -0.5591977356 5.872856e-02
## 1777 -0.5590015467 -1.794776e-01
## 1778 -0.5608544283 -9.722451e-02
## 1779 -0.5611814112 -8.655098e-03
## 1780 -0.5619334634 -2.939595e-01
## 1781 -0.5609961206 -5.036544e-02
## 1782 -0.5604947528 -4.463534e-01
## 1783 -0.5613666986 -1.962461e-01
## 1784 -0.5615519893 -4.014638e-01
## 1785 -0.5613666986 -3.911101e-01
## 1786 -0.5622059464 1.195708e-01
## 1787 -0.5602331680 4.560351e-02
## 1788 -0.5600042833 -7.180441e-02
## 1789 -0.5591541372 -3.832360e-02
## 1790 -0.5574211450 5.955329e-01
## 1791 -0.5570723666 1.855336e-01
## 1792 -0.5563203101 -5.225049e-02
## 1793 -0.5583257866 -8.247139e-03
## 1794 -0.5582930897 -3.387647e-01
## 1795 -0.5597644960 -1.566600e-01
## 1796 -0.5600260819 -1.061996e-01
## 1797 -0.5616609803 3.887397e-01
## 1798 -0.5629471004 1.073320e-01
## 1799 -0.5621514509 -2.864511e-02
## 1800 -0.5615519893 -3.322373e-01
## 1801 -0.5616609803 -3.101794e-01
## 1802 -0.5625656263 -2.850688e-01
## 1803 -0.5642768199 2.836549e-01
## 1804 -0.5654539445 3.624614e-01
## 1805 -0.5643967081 5.004887e-02
## 1806 -0.5668272614 2.906324e-01
## 1807 -0.5656719310 1.283029e+00
## 1808 -0.5720371353 4.031297e+00
## 1809 -0.5733450551 9.427909e-01
## 1810 -0.5729853753 4.592182e-01
## 1811 -0.5742278981 4.097988e-01
## 1812 -0.5735630383 1.307545e-01
## 1813 -0.5731924657 -1.743007e-01
## 1814 -0.5738682226 -1.910833e-01
## 1815 -0.5746202737 7.245850e-02
## 1816 -0.5751543426 3.509964e-01
## 1817 -0.5768001382 1.592273e-01
## 1818 -0.5769309289 5.968271e-01

```

```
## 1819 -0.5771162196 2.668160e-01
## 1820 -0.5751761424 3.938743e-01
## 1821 -0.5757647025 3.063318e-01
## 1822 -0.5760589842 2.599089e-01
## 1823 -0.5762333734 -3.220665e-01
## 1824 -0.5742496967 1.257324e-01
## 1825 -0.5739445168 5.475766e-01
## 1826 -0.5727128922 3.206386e-01
## 1827 -0.5735085428 7.632465e-01
## 1828 -0.5725494057 -6.748567e-02
## 1829 -0.5726147983 -2.444838e-01
## 1830 -0.5730507734 5.203239e-02
## 1831 -0.5716883581 -2.212152e-03
## 1832 -0.5718082506 -4.203744e-02
## 1833 -0.5721243277 -4.262649e-01
## 1834 -0.5738573211 6.203444e-02
## 1835 -0.5740426118 -1.585872e-01
## 1836 -0.5739336153 -2.838871e-01
## 1837 -0.5729090811 -2.177976e-01
## 1838 -0.5733886491 -2.872070e-01
## 1839 -0.5736393379 -2.022248e-01
## 1840 -0.5741843040 -9.273696e-02
## 1841 -0.5741189059 -4.414757e-02
## 1842 -0.5735739398 -3.708247e-01
## 1843 -0.5720044395 1.117914e-01
## 1844 -0.5691052198 1.210032e+00
## 1845 -0.5696065875 5.437502e-01
## 1846 -0.5692142108 6.085736e-01
## 1847 -0.5687891383 8.632913e-02
## 1848 -0.5684512582 2.745813e-01
## 1849 -0.5684294585 -8.089206e-02
## 1850 -0.5705112291 6.958206e-01
## 1851 -0.5700207585 1.976139e-02
## 1852 -0.5709908015 -1.497950e-01
## 1853 -0.5720916319 1.585239e-01
## 1854 -0.5726365981 6.516625e-01
## 1855 -0.5710997936 3.725479e-01
## 1856 -0.5710779939 3.014363e-01
## 1857 -0.5715030674 5.624741e-01
## 1858 -0.5709145073 2.141189e-01
## 1859 -0.5709690028 -3.005572e-01
## 1860 -0.5705330277 -3.013871e-01
## 1861 -0.5707619124 2.987776e-01
## 1862 -0.5720153367 1.794564e-01
## 1863 -0.5718518447 9.253292e-02
## 1864 -0.5717755505 -1.195075e-01
## 1865 -0.5720371353 2.742718e-01
## 1866 -0.5729962779 2.469808e-01
## 1867 -0.5735957395 1.315423e-01
## 1868 -0.5728109872 1.157303e-01
```

```
## 1869 -0.5738355214 2.155257e-01
## 1870 -0.5738137271 -6.640247e-02
## 1871 -0.5725929997 1.680593e+00
## 1872 -0.5779009730 3.696081e+00
## 1873 -0.5785876270 4.587821e-01
## 1874 -0.5787402165 3.477468e-01
## 1875 -0.5783042458 2.518341e-01
## 1876 -0.5780644596 -7.023260e-03
## 1877 -0.5784132379 -1.095758e-01
## 1878 -0.5773560069 -1.532275e-01
## 1879 -0.5761134798 5.714211e-01
## 1880 -0.5764622624 4.132594e-01
## 1881 -0.5753832273 4.639130e-02
## 1882 -0.5757647025 1.808735e-02
## 1883 -0.5749363551 -5.402301e-02
## 1884 -0.5748491583 -1.112217e-01
## 1885 -0.5740971073 4.761415e-01
## 1886 -0.5732905552 -6.126781e-02
## 1887 -0.5715139689 6.084891e-01
## 1888 -0.5710452981 4.354862e-01
## 1889 -0.5719390414 -1.222789e-01
## 1890 -0.5721243277 -6.005799e-02
## 1891 -0.5716120628 -6.523486e-02
## 1892 -0.5735957395 5.847853e-01
## 1893 -0.5741407057 2.248103e-01
## 1894 -0.5738573211 1.900174e-02
## 1895 -0.5733777520 -1.870459e-01
## 1896 -0.5730071750 -6.939286e-01
## 1897 -0.5731706660 3.662597e-01
## 1898 -0.5723641150 -3.403299e-02
## 1899 -0.5720371353 6.829450e-02
## 1900 -0.5718300504 -9.419998e-02
## 1901 -0.5719172428 1.374647e-01
## 1902 -0.5725711999 -1.663525e-01
## 1903 -0.5739772136 -2.491721e-02
## 1904 -0.5734104489 -1.194091e-01
## 1905 -0.5722115245 2.478351e-02
## 1906 -0.5730507734 -2.475646e-01
## 1907 -0.5722006230 -1.714028e-01
## 1908 -0.5715357676 -2.840278e-01
## 1909 -0.5709254044 -8.388846e-02
## 1910 -0.5719608412 -2.610414e-01
## 1911 -0.5720044395 -2.510393e-01
## 1912 -0.5731597645 -7.712571e-03
## 1913 -0.5726801964 -2.871367e-01
## 1914 -0.5725385042 -2.805390e-01
## 1915 -0.5731815642 -5.716673e-01
## 1916 -0.5695629891 2.112762e+00
## 1917 -0.5669689493 2.527559e+00
## 1918 -0.5667618632 6.314474e-01
```

```
## 1919 -0.5665983723 -4.285336e-02
## 1920 -0.5673395262 -3.488511e-01
## 1921 -0.5670888429 4.467824e-01
## 1922 -0.5696828828 1.708925e+00
## 1923 -0.5700861566 1.524467e-01
## 1924 -0.5708709089 2.012190e-01
## 1925 -0.5694866939 3.609843e-01
## 1926 -0.5700098613 1.088475e-02
## 1927 -0.5702278489 9.140752e-02
## 1928 -0.5695084936 1.127902e-01
## 1929 -0.5691815150 1.424071e+00
## 1930 -0.5670561460 7.403023e-01
## 1931 -0.5670234448 -1.954340e-02
## 1932 -0.5676992061 1.774973e-02
## 1933 -0.5694430955 7.821674e-01
## 1934 -0.5707510153 4.687560e-01
## 1935 -0.5716011613 3.411913e-01
## 1936 -0.5709908015 2.472199e-01
## 1937 -0.5705548275 6.251273e-02
## 1938 -0.5694975921 1.080213e-01
## 1939 -0.5695956860 -1.572930e-01
## 1940 -0.5685057538 -1.336736e-01
## 1941 -0.5693123047 -7.160747e-02
## 1942 -0.5699662630 2.680304e+00
## 1943 -0.5766475487 7.490710e+00
## 1944 -0.5766802456 1.411564e+00
## 1945 -0.5767129458 -2.224437e-02
## 1946 -0.5760480871 3.280522e-01
## 1947 -0.5764949593 9.401002e-02
## 1948 -0.5766148519 1.001435e-01
## 1949 -0.5766148519 8.035041e-02
## 1950 -0.5763423688 -4.043374e-02
## 1951 -0.5762224762 -2.944096e-01
## 1952 -0.5767456426 -2.870804e-01
## 1953 -0.5767129458 -2.774723e-01
## 1954 -0.5771271178 -3.855675e-01
## 1955 -0.5777701779 -5.835582e-02
## 1956 -0.5784023407 4.543649e-01
## 1957 -0.5778028780 1.573703e-01
## 1958 -0.5774758951 -1.952895e-01
## 1959 -0.5772688101 1.621111e-01
## 1960 -0.5770399254 -2.041943e-01
## 1961 -0.5769200318 -3.374564e-01
## 1962 -0.5767565398 -3.158064e-01
## 1963 -0.5765385577 -2.426410e-01
## 1964 -0.5760262874 -5.183372e-01
## 1965 -0.5765603520 -3.485416e-01
## 1966 -0.5770290228 1.994427e-02
## 1967 -0.5775630918 -1.966963e-01
## 1968 -0.5777374810 1.040683e-01
```

```
## 1969 -0.5779009730 -2.584248e-01
## 1970 -0.5783587424 -3.094760e-01
## 1971 -0.5786966225 -2.673577e-01
## 1972 -0.5785876270 -3.393836e-01
## 1973 -0.5783805410 -2.779506e-01
## 1974 -0.5789146100 -1.668590e-01
## 1975 -0.5794813704 -2.503781e-01
## 1976 -0.5794486746 -1.331953e-01
## 1977 -0.5797756532 -2.719578e-01
## 1978 -0.5792197899 -4.141387e-01
## 1979 -0.5791761916 -1.594172e-01
## 1980 -0.5782061519 -2.701993e-01
## 1981 -0.5782606485 -5.227825e-01
## 1982 -0.5785440330 -3.168193e-01
## 1983 -0.5774649979 1.008290e-02
## 1984 -0.5771598180 -3.288330e-01
## 1985 -0.5776611857 -2.805671e-01
## 1986 -0.5775739890 -4.871916e-01
## 1987 -0.5779009730 -5.989303e-01
## 1988 -0.5779009730 -5.651541e-01
## 1989 -0.5778682718 -1.509908e-01
## 1990 -0.5782279516 -4.424849e-01
## 1991 -0.5785876270 -4.349868e-01
## 1992 -0.5796230638 -1.808421e-01
## 1993 -0.5796448624 -4.973240e-02
## 1994 -0.5798846486 -9.159748e-02
## 1995 -0.5793723794 2.736107e-01
## 1996 -0.5788492119 5.967108e-02
## 1997 -0.5796012640 -1.235871e-01
## 1998 -0.5790671994 -4.255616e-01
## 1999 -0.5799609439 9.423548e-01
## 2000 -0.5810399768 3.100826e+00
## 2001 -0.5801680299 1.013185e+00
## 2002 -0.5803424180 4.576145e-01
## 2003 -0.5795358714 2.570813e-01
## 2004 -0.5794159777 -6.930039e-02
## 2005 -0.5785985286 6.837891e-02
## 2006 -0.5785985286 -3.733005e-01
## 2007 -0.5779881654 -7.835990e-02
## 2008 -0.5778573746 -3.993678e-01
## 2009 -0.5783042458 -2.525867e-01
## 2010 -0.5787511180 -1.719796e-01
## 2011 -0.5787184222 -1.780286e-01
## 2012 -0.5786639212 -4.612369e-01
## 2013 -0.5779663657 -4.205957e-01
## 2014 -0.5777592796 -5.563478e-01
## 2015 -0.5771053181 3.217218e-01
## 2016 -0.5768219379 -2.710856e-01
## 2017 -0.5769200318 -3.133868e-01
## 2018 -0.5767238440 -2.207378e-01
```

```
## 2019 -0.5768764334 -1.907457e-01
## 2020 -0.5771925149 -4.779633e-01
## 2021 -0.5769745273 -3.493575e-01
## 2022 -0.5769200318 -5.603711e-01
## 2023 -0.5769091347 -3.292269e-01
## 2024 -0.5758300996 4.290151e-01
## 2025 -0.5759281935 -3.520023e-01
## 2026 -0.5768219379 -3.424926e-01
## 2027 -0.5766257501 -4.767535e-01
## 2028 -0.5770835238 -3.356135e-01
## 2029 -0.5776502842 -2.752215e-01
## 2030 -0.5772470104 -4.780195e-01
## 2031 -0.5775194934 -5.349932e-01
## 2032 -0.5776066902 -4.724628e-01
## 2033 -0.5774213995 -5.115144e-01
## 2034 -0.5772034120 -2.980531e-01
## 2035 -0.5768328350 -4.311745e-01
## 2036 -0.5771271178 -3.438712e-01
## 2037 -0.5767129458 -3.057199e-01
## 2038 -0.5770508226 -3.957805e-01
## 2039 -0.5772252117 -6.700700e-01
## 2040 -0.5769963271 -2.768955e-01
## 2041 -0.5774431993 -5.057326e-01
## 2042 -0.5780099640 -3.818255e-01
## 2043 -0.5788710116 -3.323114e-02
## 2044 -0.5792633883 -3.456718e-01
## 2045 -0.5795467685 -2.187261e-01
## 2046 -0.5797429563 -6.102265e-01
## 2047 -0.5784677334 1.593501e-02
## 2048 -0.5784895331 -4.042070e-01
## 2049 -0.5785985286 -4.259133e-01
## 2050 -0.5777483781 -4.239297e-01
## 2051 -0.5768219379 -2.960555e-01
## 2052 -0.5760371856 -1.960070e-01
## 2053 -0.5758192024 -5.723707e-01
## 2054 -0.5750780474 -1.979624e-01
## 2055 -0.5751216414 -2.900065e-01
## 2056 -0.5750780474 -6.045151e-01
## 2057 -0.5740099149 -2.011557e-01
## 2058 -0.5740099149 -1.269071e-01
## 2059 -0.5742496967 5.324680e-01
## 2060 -0.5742496967 -1.968651e-01
## 2061 -0.5742496967 -2.532901e-01
## 2062 -0.5744785814 1.056724e+00
## 2063 -0.5680370818 5.458931e+00
## 2064 -0.5658245215 2.514012e+00
## 2065 -0.5664021834 4.531551e-01
## 2066 -0.5666419707 -2.016237e-02
## 2067 -0.5649198799 5.016319e-01
## 2068 -0.5653558496 -3.429709e-01
```

```
## 2069 -0.5660643077 -3.226151e-01
## 2070 -0.5662713937 -3.262305e-01
## 2071 -0.5658463202 -3.960900e-01
## 2072 -0.5655520384 -3.769159e-01
## 2073 -0.5668272614 3.728855e-01
## 2074 -0.5663367908 -2.009306e-01
## 2075 -0.5674376201 -1.120377e-01
## 2076 -0.5665220771 -2.455389e-01
## 2077 -0.5673613260 -5.128227e-01
## 2078 -0.5675248169 -5.936690e-01
## 2079 -0.5679498894 -5.157488e-01
## 2080 -0.5679607876 -5.551942e-01
## 2081 -0.5679062921 -2.667809e-01
## 2082 -0.5682877706 -5.279313e-01
## 2083 -0.5694321983 -1.967526e-01
## 2084 -0.5694975921 -5.877888e-01
## 2085 -0.5694321983 -6.203552e-01
## 2086 -0.5689744246 -5.087712e-01
## 2087 -0.5693014032 -4.777804e-01
## 2088 -0.5690725185 -5.488216e-01
## 2089 -0.5700098613 -3.997335e-01
## 2090 -0.5703695412 -4.562711e-01
## 2091 -0.5680697830 9.415069e-02
## 2092 -0.5679498894 -1.588264e-01
## 2093 -0.5687891383 -4.763736e-01
## 2094 -0.5688000355 -5.601460e-01
## 2095 -0.5671106416 2.122620e-01
## 2096 -0.5677319029 -3.890140e-01
## 2097 -0.5686365489 -1.339971e-01
## 2098 -0.5690616214 -3.773801e-01
## 2099 -0.5689635275 -4.443699e-01
## 2100 -0.5690180230 -5.388196e-01
## 2101 -0.5699771645 -5.343601e-01
## 2102 -0.5706529214 -2.752637e-01
## 2103 -0.5697482754 -2.015215e-01
## 2104 -0.5696283861 -5.803048e-01
## 2105 -0.5683749630 -2.326952e-01
## 2106 -0.5685711508 -4.356762e-01
## 2107 -0.5683422661 -5.670391e-01
## 2108 -0.5667945601 -1.234746e-01
## 2109 -0.5662386969 -1.708542e-01
## 2110 -0.5654648460 -2.027594e-01
## 2111 -0.5666419707 -1.053696e-01
## 2112 -0.5671215387 -1.150481e-01
## 2113 -0.5676447105 -1.515957e-01
## 2114 -0.5679607876 -5.455439e-01
## 2115 -0.5679171936 -5.050574e-01
## 2116 -0.5683095649 -2.769518e-01
## 2117 -0.5692360105 -2.203439e-01
## 2118 -0.5691597153 -4.836044e-01
```

```
## 2119 -0.5678844924 -3.788291e-01
## 2120 -0.5665438768 -2.877557e-01
## 2121 -0.5669471495 -3.956961e-01
## 2122 -0.5656283326 -1.043849e-01
## 2123 -0.5665547783 -1.886918e-01
## 2124 -0.5655302387 -3.721892e-01
## 2125 -0.5644621062 -2.524601e-01
## 2126 -0.5652904569 5.863609e-01
## 2127 -0.5722878197 3.212213e+00
## 2128 -0.5730398719 2.109819e-01
## 2129 -0.5731597645 -1.563364e-01
## 2130 -0.5721679261 -6.892056e-02
## 2131 -0.5716120628 -2.655289e-01
## 2132 -0.5711978875 -3.388491e-01
## 2133 -0.5703150413 -3.805632e-02
## 2134 -0.5708273105 -3.974264e-01
## 2135 -0.5705003319 -5.464442e-01
## 2136 -0.5698899677 -3.263289e-01
## 2137 -0.5704894294 -5.344164e-01
## 2138 -0.5696392844 -2.370421e-01
## 2139 -0.5690943183 -4.625874e-01
## 2140 -0.5692578092 -5.862554e-01
## 2141 -0.5671651371 1.970497e+00
## 2142 -0.5662386969 9.797707e-02
## 2143 -0.5646691911 6.213750e-01
## 2144 -0.5633176773 7.323896e+00
## 2145 -0.5633067758 1.491074e+00
## 2146 -0.5623694385 8.046895e-01
## 2147 -0.5630342928 2.991818e-02
## 2148 -0.5632304817 -6.435526e-01
## 2149 -0.5629144046 4.783501e-01
## 2150 -0.5626964170 4.380465e-01
## 2151 -0.5627945109 9.215310e-02
## 2152 -0.5622059464 8.386730e-02
## 2153 -0.5621405494 -1.152029e-01
## 2154 -0.5623912327 -2.841122e-01
## 2155 -0.5619225662 3.250839e-01
## 2156 -0.5623912327 -6.664162e-02
## 2157 -0.5629144046 -1.779902e-02
## 2158 -0.5624893267 -3.603443e-01
## 2159 -0.5621296512 -5.410704e-01
## 2160 -0.5616609803 -2.050665e-01
## 2161 -0.5617590742 -3.242047e-01
## 2162 -0.5616827790 -2.039833e-01
## 2163 -0.5619770618 -2.312744e-01
## 2164 -0.5628926049 1.460460e-01
## 2165 -0.5631432893 -2.441181e-01
## 2166 -0.5622386433 7.311592e-03
## 2167 -0.5619661603 -4.007464e-01
## 2168 -0.5619661603 -5.717095e-01
```

```
## 2169 -0.5626855155 -2.042365e-01
## 2170 -0.5632304817 -3.852721e-01
## 2171 -0.5633067758 -5.766895e-01
## 2172 -0.5642223189 -2.629827e-01
## 2173 -0.5637536481 4.384507e-02
## 2174 -0.5641133279 2.396759e-02
## 2175 -0.5636773528 -2.607178e-01
## 2176 -0.5634375710 -1.572227e-01
## 2177 -0.5642986142 2.352906e-01
## 2178 -0.5658572173 3.398126e-01
## 2179 -0.5666419707 1.725633e-01
## 2180 -0.5672632310 -2.042928e-01
## 2181 -0.5672196326 -3.992833e-01
## 2182 -0.56765556077 -2.306413e-01
## 2183 -0.5673068294 2.071836e-01
## 2184 -0.5671651371 -2.973357e-01
## 2185 -0.5677428044 1.458631e-01
## 2186 -0.5679498894 -2.135070e-01
## 2187 -0.5676338090 -4.119160e-01
## 2188 -0.5680915828 -4.196954e-01
## 2189 -0.5669144538 -3.349524e-01
## 2190 -0.5663258893 -4.356058e-01
## 2191 -0.5666092738 -4.460439e-01
## 2192 -0.5667618632 -4.522055e-01
## 2193 -0.5676774063 3.247847e-02
## 2194 -0.5690289201 2.312536e+00
## 2195 -0.5738355214 3.694253e+00
## 2196 -0.5742496967 1.734074e-01
## 2197 -0.5747183687 1.872039e-02
## 2198 -0.5740099149 3.842905e-02
## 2199 -0.5742060983 -4.750972e-02
## 2200 -0.5736284364 -3.177477e-01
## 2201 -0.5743477906 -3.545203e-01
## 2202 -0.5739227181 -3.877479e-01
## 2203 -0.5728218887 -5.174406e-02
## 2204 -0.5729417769 -2.296566e-01
## 2205 -0.5728981829 -3.782383e-01
## 2206 -0.5738791197 -3.115158e-01
## 2207 -0.5734104489 1.215084e-02
## 2208 -0.5743041922 2.837393e-01
## 2209 -0.5738137271 -4.994726e-01
## 2210 -0.5741843040 -3.969059e-01
## 2211 -0.5748055643 2.645230e-01
## 2212 -0.5751543426 -4.065882e-02
## 2213 -0.5754159242 6.067588e-01
## 2214 -0.5750562487 -1.724157e-01
## 2215 -0.5754377229 -4.237469e-01
## 2216 -0.5753614287 -3.584733e-01
## 2217 -0.5754922195 -1.454481e-01
## 2218 -0.5762442749 -9.907112e-03
```

```
## 2219 -0.5761352795 -3.232481e-01
## 2220 -0.5761679796 -5.616372e-01
## 2221 -0.5753832273 -4.340302e-01
## 2222 -0.5754050271 -6.286832e-01
## 2223 -0.5755358178 -3.443354e-01
## 2224 -0.5763859628 -5.406521e-02
## 2225 -0.5761243813 -1.547046e-01
## 2226 -0.5764622624 -8.425421e-02
## 2227 -0.5763750657 -4.177681e-01
## 2228 -0.5767238440 -4.550331e-01
## 2229 -0.5769527287 -5.048183e-01
## 2230 -0.5771925149 -5.010903e-01
## 2231 -0.5767129458 -2.171083e-01
## 2232 -0.5760262874 -1.003372e-02
## 2233 -0.5756448132 -4.531621e-01
## 2234 -0.5757974027 -6.487295e-01
## 2235 -0.5762224762 -3.118112e-01
## 2236 -0.5755358178 -4.997821e-01
## 2237 -0.5749145565 -2.406996e-01
## 2238 -0.5736393379 2.847381e-01
## 2239 -0.5751870395 -2.203017e-01
## 2240 -0.5757102059 -3.549283e-01
## 2241 -0.5763096686 -9.353881e-02
## 2242 -0.5762333734 -6.210445e-01
## 2243 -0.5756993088 -5.001478e-01
## 2244 -0.5771707162 -3.978766e-01
## 2245 -0.5760698857 -3.762829e-01
## 2246 -0.5754050271 -4.206239e-01
## 2247 -0.5760044887 -2.648818e-01
## 2248 -0.5763423688 -4.005072e-01
## 2249 -0.5766039504 -5.884359e-01
## 2250 -0.5768655363 7.765263e-01
## 2251 -0.5766039504 5.347047e-01
## 2252 -0.5766584459 -1.882276e-01
## 2253 -0.5772361132 -5.314763e-01
## 2254 -0.5779118701 -2.782919e-02
## 2255 -0.5781407548 -1.988486e-01
## 2256 -0.5785985286 4.436557e-02
## 2257 -0.5780426609 -1.790274e-01
## 2258 -0.5774213995 -2.151811e-01
## 2259 -0.5778028780 -4.267714e-01
## 2260 -0.5776393871 -2.512222e-01
## 2261 -0.5783805410 -5.585142e-01
## 2262 -0.5790671994 5.985396e-02
## 2263 -0.5799391441 -3.371891e-01
## 2264 -0.5798846486 -4.171773e-01
## 2265 -0.5799064483 -2.882340e-01
## 2266 -0.5811598672 -7.968225e-02
## 2267 -0.5800699349 6.691485e-01
## 2268 -0.5786203272 3.582552e-01
```

```
## 2269 -0.5776502842 5.419355e-01
## 2270 -0.5788165161 2.183533e-01
## 2271 -0.5772579119 3.195554e-01
## 2272 -0.5767783395 -2.004383e-01
## 2273 -0.5762987704 -3.863271e-01
## 2274 -0.5778573746 -1.898735e-01
## 2275 -0.5778900704 -2.917509e-01
## 2276 -0.5773887027 -1.882980e-01
## 2277 -0.5777265838 -2.571024e-01
## 2278 -0.5791107934 -3.124583e-01
## 2279 -0.5791979902 -4.211725e-01
## 2280 -0.5788056146 -2.766704e-01
## 2281 -0.5790454008 1.463695e-01
## 2282 -0.5787947164 -2.866865e-01
## 2283 -0.5789909053 -4.325391e-01
## 2284 -0.5791325932 -2.627154e-01
## 2285 -0.5789037085 -3.378221e-01
## 2286 -0.5775085963 -1.497387e-01
## 2287 -0.5773669040 -3.004024e-01
## 2288 -0.5773887027 -4.303164e-01
## 2289 -0.5769418304 -3.945988e-01
## 2290 -0.5756666075 8.367036e-02
## 2291 -0.5759717918 -3.571088e-01
## 2292 -0.5757756040 -4.708591e-01
## 2293 -0.5755358178 -5.155377e-01
## 2294 -0.5758518982 -2.292346e-01
## 2295 -0.5756121120 -4.950132e-01
## 2296 -0.5736284364 -1.263303e-01
## 2297 -0.5734540472 -2.925105e-01
## 2298 -0.5735303414 -8.207336e-01
## 2299 -0.5751652398 -2.161517e-01
## 2300 -0.5755031210 -4.076536e-01
## 2301 -0.5762551720 -3.188309e-01
## 2302 -0.5766039504 -4.774287e-01
## 2303 -0.5767456426 -1.662681e-01
## 2304 -0.5778682718 -3.342208e-01
## 2305 -0.5788492119 -1.146542e-01
## 2306 -0.5797320592 1.159554e-01
## 2307 -0.5789146100 -1.030100e-02
## 2308 -0.5791107934 -2.891624e-01
## 2309 -0.5780317627 2.244867e-01
## 2310 -0.5783587424 -2.017747e-01
## 2311 -0.5794377764 -1.884002e-02
## 2312 -0.5782170501 1.616009e-02
## 2313 -0.5790018024 1.401056e+00
## 2314 -0.5869910058 9.807160e+00
## 2315 -0.5866640272 2.690180e+00
## 2316 -0.5859991674 7.246873e-01
## 2317 -0.5863043495 1.079932e-01
## 2318 -0.5869256098 8.241168e-01
```

```
## 2319 -0.5871762943 7.594726e-02
## 2320 -0.5865223338 -4.634212e-02
## 2321 -0.5858683745 4.194773e-01
## 2322 -0.5864242399 -2.523898e-01
## 2323 -0.5868820115 -1.452503e-03
## 2324 -0.5870455035 -5.054832e-02
## 2325 -0.5867403214 -1.216739e-01
## 2326 -0.5871980929 -3.031034e-01
## 2327 -0.5866967230 -3.014012e-01
## 2328 -0.5853452081 1.309796e-01
## 2329 -0.5851490192 5.149783e-02
## 2330 -0.5839064975 3.131124e-01
## 2331 -0.5838737985 -1.789290e-01
## 2332 -0.5849528336 -2.722954e-01
## 2333 -0.5846912476 -3.774927e-01
## 2334 -0.5849419342 -3.578966e-01
## 2335 -0.5851272227 -3.873681e-01
## 2336 -0.5850618246 -5.244284e-01
## 2337 -0.5841026853 -1.692505e-01
## 2338 -0.5834378266 1.794667e-02
## 2339 -0.5821844046 5.673134e-01
## 2340 -0.5820100154 -1.861878e-01
## 2341 -0.5809963784 -9.950346e-02
## 2342 -0.5804841103 2.773770e-02
## 2343 -0.5820427145 2.593462e-01
## 2344 -0.5832089409 2.294666e-01
## 2345 -0.5823587937 -2.874462e-01
## 2346 -0.5820536116 1.874853e-02
## 2347 -0.5810399768 -1.045396e-01
## 2348 -0.5810944723 -4.079771e-01
## 2349 -0.5811162710 -5.014842e-01
## 2350 -0.5801680299 4.224737e-01
## 2351 -0.5806475979 -3.020905e-01
## 2352 -0.5811925662 1.830859e-01
## 2353 -0.5806040039 1.798363e-01
## 2354 -0.5826748752 1.165241e+00
## 2355 -0.5819991161 -3.028071e-03
## 2356 -0.5809636794 -9.156935e-02
## 2357 -0.5801898285 -9.417185e-02
## 2358 -0.5803751148 -2.533183e-01
## 2359 -0.5809091838 3.219712e-02
## 2360 -0.5806040039 -2.874462e-01
## 2361 -0.5819664170 -6.408132e-02
## 2362 -0.5810617733 1.074023e-01
## 2363 -0.5799064483 -2.894053e-02
## 2364 -0.5792960841 1.667534e-01
## 2365 -0.5800917346 -4.292473e-01
## 2366 -0.5792306871 -2.787243e-01
## 2367 -0.5800590378 -1.318307e-01
## 2368 -0.5797429563 -7.624977e-02
```

```
## 2369 -0.5790454008 -1.801810e-01
## 2370 -0.5792960841 -4.506159e-01
## 2371 -0.5800808375 -7.049613e-02
## 2372 -0.5802225254 -8.930447e-02
## 2373 -0.5803969146 -2.702697e-01
## 2374 -0.5801462302 -4.547940e-01
## 2375 -0.5801135333 -2.013245e-01
## 2376 -0.5797756532 1.109614e-01
## 2377 -0.5789582040 2.234602e+00
## 2378 -0.5745439795 5.521799e+00
## 2379 -0.5738682226 1.379012e+00
## 2380 -0.5739336153 3.774153e-01
## 2381 -0.5740317092 -5.459978e-02
## 2382 -0.5740971073 -1.491338e-01
## 2383 -0.5746747703 -8.463404e-02
## 2384 -0.5747946628 -2.564835e-01
## 2385 -0.5747837657 -3.019498e-01
## 2386 -0.5739663165 -3.839919e-01
## 2387 -0.5733559533 6.676114e-02
## 2388 -0.5725929997 1.251134e-01
## 2389 -0.5732796581 -2.058683e-01
## 2390 -0.5728218887 -3.904348e-01
## 2391 -0.5720262338 -4.589195e-02
## 2392 -0.5703695412 5.177955e-01
## 2393 -0.5691815150 8.843120e-01
## 2394 -0.5689199291 5.247590e-01
## 2395 -0.5692360105 -1.041458e-01
## 2396 -0.5693559031 -2.073736e-01
## 2397 -0.5692469077 -4.025086e-02
## 2398 -0.5687891383 -3.847375e-01
## 2399 -0.5693886000 -7.074897e-01
## 2400 -0.5710888964 2.394687e-01
## 2401 -0.5710126012 -2.408722e-02
## 2402 -0.5713286783 8.216513e-02
## 2403 -0.5716447597 -1.300160e-01
## 2404 -0.5726583967 1.456802e-01
## 2405 -0.5729962779 3.446800e-01
## 2406 -0.5731270676 -2.156312e-01
## 2407 -0.5732142600 -2.101168e-01
## 2408 -0.5740644104 -9.130207e-02
## 2409 -0.5736938334 -2.997553e-01
## 2410 -0.5734431490 -3.407060e-01
## 2411 -0.5736938334 -3.077035e-01
## 2412 -0.5736502351 -3.647334e-01
## 2413 -0.5730834703 -1.370779e-01
## 2414 -0.5720044395 1.242131e-01
## 2415 -0.5728218887 -1.102651e-01
## 2416 -0.5726474996 3.509504e-02
## 2417 -0.5720044395 7.227563e-02
## 2418 -0.5721352303 -1.013322e-01
```

```
## 2419 -0.5717537508 -2.370983e-01
## 2420 -0.5722333242 -3.934594e-01
## 2421 -0.5716992552 -5.252866e-01
## 2422 -0.5717864520 -3.833448e-01
## 2423 -0.5726039012 -4.323703e-01
## 2424 -0.5734322475 7.223098e-01
## 2425 -0.5732142600 -1.339409e-01
## 2426 -0.5737919273 -9.155528e-02
## 2427 -0.5747401673 -6.858294e-02
## 2428 -0.5744349874 -2.205127e-01
## 2429 -0.5751216414 -1.045256e-01
## 2430 -0.5748491583 -1.132334e-01
## 2431 -0.5739772136 -3.944722e-01
## 2432 -0.5734758459 -2.288548e-01
## 2433 -0.5743259920 -3.156376e-01
## 2434 -0.5753069321 2.580660e-01
## 2435 -0.5752633348 -1.652412e-01
## 2436 -0.5753396289 1.472136e-01
## 2437 -0.5759063948 -2.752918e-01
## 2438 -0.5750017532 -2.811861e-01
## 2439 -0.5751979367 -7.356286e-02
## 2440 -0.5754486254 -4.404873e-01
## 2441 -0.5748164626 1.751058e-02
## 2442 -0.5752306379 -3.456437e-01
## 2443 -0.5745548810 9.811865e-04
## 2444 -0.5734322475 2.652099e+00
## 2445 -0.5748600609 2.613779e+00
## 2446 -0.5751107443 -1.631311e-01
## 2447 -0.5739009195 1.888114e-01
## 2448 -0.5731270676 4.547588e-01
## 2449 -0.5729962779 -2.513769e-01
## 2450 -0.5734104489 -1.843450e-01
## 2451 -0.5732687609 -4.831964e-01
## 2452 -0.5727673888 -3.889718e-01
## 2453 -0.5718627473 -6.420793e-02
## 2454 -0.5719499397 -3.070001e-01
## 2455 -0.5716556569 -3.645646e-01
## 2456 -0.5703695412 2.297058e-01
## 2457 -0.5706420242 -3.885639e-01
## 2458 -0.5709254044 -3.298036e-01
## 2459 -0.5711651906 -2.494356e-01
## 2460 -0.5710561952 -4.551316e-01
## 2461 -0.5732905552 2.222922e-01
## 2462 -0.5729526795 5.864415e-02
## 2463 -0.5732687609 2.792799e-01
## 2464 -0.5745330813 7.276799e-02
## 2465 -0.5752306379 3.228612e-01
## 2466 -0.5735630383 7.846432e-01
## 2467 -0.5738028245 1.932989e-01
## 2468 -0.5740862101 5.047089e-02
```

```
## 2469 -0.5732796581 -1.505828e-01
## 2470 -0.5733123550 -3.364295e-01
## 2471 -0.5743913890 -2.906958e-01
## 2472 -0.5741080044 1.857728e-01
## 2473 -0.5744349874 -6.787866e-04
## 2474 -0.5743586932 -5.697720e-02
## 2475 -0.5737047306 -4.282063e-01
## 2476 -0.5735630383 -4.880356e-01
## 2477 -0.5722333242 -3.199141e-01
## 2478 -0.5725711999 -2.727737e-01
## 2479 -0.5731270676 -6.089886e-01
## 2480 -0.5730943718 -5.274530e-01
## 2481 -0.5727019951 -4.609837e-01
## 2482 -0.5727346920 -1.502874e-01
## 2483 -0.5722224227 -1.217302e-01
## 2484 -0.5722442214 -1.791681e-01
## 2485 -0.5715575673 -2.521263e-02
## 2486 -0.5707183184 -1.832055e-01
## 2487 -0.5703477414 -4.509817e-01
## 2488 -0.5701842505 -5.601882e-01
## 2489 -0.5702060491 -4.343819e-01
## 2490 -0.5699880616 -5.414221e-01
## 2491 -0.5701842505 -3.083787e-01
## 2492 -0.5695411905 -3.539436e-01
## 2493 -0.5693886000 -5.149469e-01
## 2494 -0.5663476879 8.684578e-01
## 2495 -0.5664893802 1.805922e-02
## 2496 -0.5665765726 -3.199141e-01
## 2497 -0.5669580521 -3.461783e-01
## 2498 -0.5666201710 -1.814752e-01
## 2499 -0.5668163599 -2.559245e-02
## 2500 -0.5668381585 1.774916e+00
## 2501 -0.5536935745 1.365380e+01
## 2502 -0.5471866812 7.724358e+00
## 2503 -0.5473828700 6.114170e+00
## 2504 -0.5487670796 2.350504e+00
## 2505 -0.5479932288 1.582387e+00
## 2506 -0.5489305717 1.006770e+00
## 2507 -0.5478297412 8.738035e-01
## 2508 -0.5466962106 9.887777e-01
## 2509 -0.5493229473 1.060382e+00
## 2510 -0.5482221135 8.835242e-01
## 2511 -0.5471103870 2.256965e-01
## 2512 -0.5492139562 3.912859e-01
## 2513 -0.5485163963 9.123871e-02
## 2514 -0.5483638058 6.891348e-02
## 2515 -0.5495845288 2.013878e-01
## 2516 -0.5467071088 1.014957e+00
## 2517 -0.5478515409 6.471609e-01
## 2518 -0.5466199164 3.557231e-01
```

```

## 2519 -0.5411702508 4.107487e+00
## 2520 -0.5405380966 1.398425e+00
## 2521 -0.5404073015 4.967536e+00
## 2522 -0.5400258274 2.328756e+00
## 2523 -0.5408977677 3.821701e-01
## 2524 -0.5397206474 6.274522e-01
## 2525 -0.5394699587 4.650140e-01
## 2526 -0.5402547121 2.869327e-01
## 2527 -0.5408650708 -3.601652e-02
## 2528 -0.5388595999 5.781735e-01
## 2529 -0.5353391143 3.259734e+00
## 2530 -0.5368214233 1.170489e+00
## 2531 -0.5370939064 2.372872e+00
## 2532 -0.5357859909 4.127389e-01
## 2533 -0.5380421507 5.470279e-01
## 2534 -0.5392410740 6.413369e-01
## 2535 -0.5383473306 6.537727e-01
## 2536 -0.5372028985 1.371271e-01
## 2537 -0.5367015297 3.605060e-01
## 2538 -0.5373227910 7.639742e-02
## 2539 -0.5395244585 6.471750e-01
## 2540 -0.5402983104 2.675757e-01
## 2541 -0.5396770491 4.771365e-02
## 2542 -0.5405598909 1.564419e-01
## 2543 -0.5407778741 4.543470e-02
## 2544 -0.5420639952 5.595059e-01
## 2545 -0.5413446443 1.367895e-01
## 2546 -0.5405271951 3.533316e-01
## 2547 -0.5410503571 -2.748698e-01
## 2548 -0.5397424417 -3.326171e-01
## 2549 -0.5399168352 -7.099937e-01
## 2550 -0.5407015799 -3.914477e-01
## 2551 -0.5404399984 -3.735256e-01
## 2552 -0.5370612095 1.061591e+00
## 2553 -0.5390121893 2.271736e-01
## 2554 -0.5385217154 -9.522692e-02
## 2555 -0.5362764572 5.881756e-01
## 2556 -0.5337587169 7.359413e-01
## 2557 -0.5352955171 1.497317e-01
## 2558 -0.5351865249 -1.668590e-01
## 2559 -0.5356987942 -1.379783e-01
## 2560 -0.5356660984 -2.809329e-01
## 2561 -0.5375407829 2.616814e-01
## 2562 -0.5374208893 2.809680e-01
## 2563 -0.5401348184 2.542259e+00
## 2564 -0.5216822655 7.481397e+00
## 2565 -0.5240474162 2.250329e+00
## 2566 -0.5240147194 9.385987e-01
## 2567 -0.5254752329 7.856842e-01
## 2568 -0.5300093467 9.613741e-01

```

```
## 2569 -0.5313499667 1.357165e+00
## 2570 -0.5287341282 4.348391e-01
## 2571 -0.5319058267 1.008609e-01
## 2572 -0.5295079790 2.437030e-01
## 2573 -0.5293553896 1.109614e-01
## 2574 -0.5308376974 1.370568e-01
## 2575 -0.5348377466 1.516308e-01
## 2576 -0.5341074942 2.528047e-01
## 2577 -0.5340093959 -1.690817e-01
## 2578 -0.5355571062 -1.863004e-01
## 2579 -0.5367233337 -1.258520e-01
## 2580 -0.5362764572 4.947247e-01
## 2581 -0.5338459126 -4.209746e-03
## 2582 -0.5341946909 -1.905347e-01
## 2583 -0.5311537789 1.629833e-01
## 2584 -0.5300529451 -5.942495e-02
## 2585 -0.5313608605 -2.258584e-01
## 2586 -0.5292354959 -2.257599e-01
## 2587 -0.5298894531 -4.490722e-02
## 2588 -0.5325379896 -2.115094e-01
## 2589 -0.5294534791 -3.086038e-01
## 2590 -0.5298567573 -3.716265e-01
## 2591 -0.5285161363 -1.565897e-01
## 2592 -0.5254752329 1.400391e-01
## 2593 -0.5243308008 2.520451e-01
## 2594 -0.5216495686 2.189441e-01
## 2595 -0.5234915563 1.351436e-01
## 2596 -0.5247776774 -2.677938e-01
## 2597 -0.5215732733 -5.777905e-02
## 2598 -0.5204615381 2.475575e-01
## 2599 -0.5205051364 -1.810532e-01
## 2600 -0.5199492764 -4.664560e-01
## 2601 -0.5208866105 -3.919260e-01
## 2602 -0.5188811396 2.326600e-01
## 2603 -0.5186086565 -1.142041e-01
## 2604 -0.5179001984 -2.095681e-01
## 2605 -0.5161018091 -1.049476e-01
## 2606 -0.5146958041 -2.741383e-01
## 2607 -0.5137257568 -2.068249e-01
## 2608 -0.5137802566 -2.110452e-01
## 2609 -0.5138347565 -6.271076e-01
## 2610 -0.5140854355 -3.456156e-01
## 2611 -0.5138020509 -2.635032e-01
## 2612 -0.5149464831 -3.380894e-01
## 2613 -0.5148374920 -3.120644e-01
## 2614 -0.5150554752 -5.559820e-01
## 2615 -0.5137802566 -2.457640e-01
## 2616 -0.5111426228 2.220915e-02
## 2617 -0.5117202847 -1.771461e-02
## 2618 -0.5124396356 -2.395320e-01
```

```
## 2619 -0.5182380839 3.589867e-01
## 2620 -0.5149355816 1.532486e-01
## 2621 -0.5169410613 -2.337643e-01
## 2622 -0.5180309935 1.745750e-01
## 2623 -0.5169192583 5.742027e-02
## 2624 -0.5176822163 -2.730551e-01
## 2625 -0.5177803058 2.610483e-01
## 2626 -0.5161127106 3.654578e-01
## 2627 -0.5057256573 4.852084e+00
## 2628 -0.5189029349 4.831770e+00
## 2629 -0.5194697041 6.133987e-01
## 2630 -0.5175187243 2.188456e-01
## 2631 -0.5174097332 -2.438264e-02
## 2632 -0.5194370072 -2.623778e-01
## 2633 -0.5184451645 -3.175405e-02
## 2634 -0.5200800629 1.399969e-01
## 2635 -0.5219002486 4.163965e-01
## 2636 -0.5236550396 2.568384e-02
## 2637 -0.5204942426 9.333478e-02
## 2638 -0.5207449226 1.585802e-01
## 2639 -0.5245160871 6.376371e-01
## 2640 -0.5296278726 6.118935e-01
## 2641 -0.5316878435 2.991292e-01
## 2642 -0.5285706362 3.131124e-01
## 2643 -0.5300420436 1.627442e-01
## 2644 -0.5307614033 7.891552e-02
## 2645 -0.5299439541 -2.200522e-02
## 2646 -0.5293117912 1.940304e-01
## 2647 -0.5279929743 6.104586e-01
## 2648 -0.5286796283 -8.331169e-02
## 2649 -0.5268594436 -6.315811e-01
## 2650 -0.5270011316 1.885019e-01
## 2651 -0.5223253298 1.918359e-01
## 2652 -0.5171917413 5.813950e-01
## 2653 -0.5184451645 -4.127779e-02
## 2654 -0.5169083644 -5.471232e-02
## 2655 -0.5165268816 -1.786617e-01
## 2656 -0.5127121187 9.477998e-03
## 2657 -0.5140418382 -9.311678e-02
## 2658 -0.5129301106 -2.529103e-01
## 2659 -0.5128211185 -4.692554e-01
## 2660 -0.5142271321 -2.940017e-01
## 2661 -0.5167012751 4.218969e-01
## 2662 -0.5161236121 -5.968192e-03
## 2663 -0.5149028847 -1.722187e-01
## 2664 -0.5185214598 -1.784085e-01
## 2665 -0.5228702960 6.009311e-02
## 2666 -0.5209084146 -6.225163e-04
## 2667 -0.5181944855 4.862804e-02
## 2668 -0.5168865614 -1.956412e-01
```

```
## 2669 -0.5161454074 -9.363728e-02
## 2670 -0.5164178905 -7.390292e-01
## 2671 -0.5144124195 -2.572009e-01
## 2672 -0.5128865122 -2.206149e-02
## 2673 -0.5126685290 4.464692e-02
## 2674 -0.5146413042 -2.131694e-01
## 2675 -0.5107066477 9.267960e-01
## 2676 -0.5118401783 2.605278e-01
## 2677 -0.5188375412 4.219532e-01
## 2678 -0.5188048443 3.813823e-01
## 2679 -0.5198293839 7.051755e-01
## 2680 -0.5227285993 1.285829e+00
## 2681 -0.5237749332 6.104445e-01
## 2682 -0.5272409177 4.717946e-01
## 2683 -0.5252899379 2.511870e-01
## 2684 -0.5281564652 3.355642e-01
## 2685 -0.5280365726 7.225771e-01
## 2686 -0.5282872516 3.700298e-01
## 2687 -0.5286796283 8.572460e-01
## 2688 -0.5300747405 7.809857e-01
## 2689 -0.5349903371 1.847800e+00
## 2690 -0.5309575911 3.680181e-01
## 2691 -0.5310338863 3.878534e-01
## 2692 -0.5329739635 1.737028e-01
## 2693 -0.5350121401 3.780624e-01
## 2694 -0.5347287556 2.536126e+00
## 2695 -0.5309248942 5.010217e+00
## 2696 -0.5342709862 1.278809e+00
## 2697 -0.5350121401 2.651279e-01
## 2698 -0.5370394152 3.324694e-01
## 2699 -0.5409631691 7.215221e-01
## 2700 -0.5383255265 1.017250e+00
## 2701 -0.5355026064 6.231757e-01
## 2702 -0.5336606187 6.937771e-02
## 2703 -0.5344671740 3.064584e-01
## 2704 -0.5308921897 5.345359e-01
## 2705 -0.5329957589 3.188764e-02
## 2706 -0.5360911709 5.415416e-01
## 2707 -0.5370503080 -2.269453e-02
## 2708 -0.5353500169 -1.153295e-01
## 2709 -0.5394263603 8.272117e-01
## 2710 -0.5370503080 7.135317e-01
## 2711 -0.5357532940 8.267156e-02
## 2712 -0.5374753815 3.686793e-01
## 2713 -0.5383691249 2.335181e-01
## 2714 -0.5416607257 8.296032e-01
## 2715 -0.5453446935 6.181395e-01
## 2716 -0.5475681563 9.074391e-01
## 2717 -0.5443964579 1.327004e+00
## 2718 -0.5447779320 5.424278e-01
```

```
## 2719 -0.5472302752 1.509133e-01
## 2720 -0.5457588732 4.456008e-01
## 2721 -0.5464346257 2.884520e-01
## 2722 -0.5424236740 3.478030e-01
## 2723 -0.5431212306 6.728164e-02
## 2724 -0.5411484554 4.834988e-01
## 2725 -0.5412574475 7.245044e-01
## 2726 -0.5430994352 3.430482e-01
## 2727 -0.5374644877 3.207652e-01
## 2728 -0.5391320829 5.305407e-01
## 2729 -0.5358404832 5.824219e-01
## 2730 -0.5328322756 2.989182e-01
## 2731 -0.5336824217 -1.326607e-01
## 2732 -0.5351756234 -1.386254e-01
## 2733 -0.5384454202 9.451645e-02
## 2734 -0.5395789508 -2.801451e-01
## 2735 -0.5379004540 -2.532479e-01
## 2736 -0.5320148264 3.465510e-01
## 2737 -0.5312845653 1.859556e-01
## 2738 -0.5339331017 1.237067e-01
## 2739 -0.5318295314 -1.656107e-02
## 2740 -0.5317968345 -8.414167e-02
## 2741 -0.5313608605 -3.241907e-01
## 2742 -0.5345325677 -8.584385e-02
## 2743 -0.5340529943 -1.427894e-01
## 2744 -0.5371484062 -6.821718e-02
## 2745 -0.5364726450 -4.102139e-01
## 2746 -0.5365925386 -6.434860e-02
## 2747 -0.5343145846 -7.367540e-02
## 2748 -0.5349140419 -1.477834e-01
## 2749 -0.5283090557 1.339342e+00
## 2750 -0.5282218589 2.904777e-01
## 2751 -0.5288540218 -3.590773e-03
## 2752 -0.5273281145 1.685277e+00
## 2753 -0.5309357881 1.941743e+00
## 2754 -0.5274807039 3.075135e-01
## 2755 -0.5262708791 5.235070e-01
## 2756 -0.5276114991 -7.654519e-02
## 2757 -0.5299112572 8.513338e-02
## 2758 -0.5291156023 -1.034321e-02
## 2759 -0.5313499667 1.244100e-01
## 2760 -0.5328649725 -2.283343e-01
## 2761 -0.5330938572 -1.019653e-01
## 2762 -0.5358513847 1.555978e-01
## 2763 -0.5362764572 1.210901e-01
## 2764 -0.5366906282 -4.258289e-01
## 2765 -0.5343799772 -7.754774e-03
## 2766 -0.5343472804 -3.164816e-01
## 2767 -0.5347396571 -3.771973e-01
## 2768 -0.5326469806 -4.963393e-02
```

```
## 2769 -0.5322764080 -1.496543e-01
## 2770 -0.5259221008 1.605711e+00
## 2771 -0.5276332944 9.026805e-02
## 2772 -0.5302709283 -2.813868e-02
## 2773 -0.5292245944 -2.644598e-01
## 2774 -0.5302164371 -1.320417e-01
## 2775 -0.5277422855 3.991919e-01
## 2776 -0.5283308500 -8.017462e-02
## 2777 -0.5280365726 -5.808854e-02
## 2778 -0.5266523532 -2.813409e-01
## 2779 -0.5281673591 -1.484586e-01
## 2780 -0.5282981531 -1.970198e-01
## 2781 -0.5267831484 -1.142603e-01
## 2782 -0.5235024501 2.346716e-01
## 2783 -0.5277313927 8.063176e-02
## 2784 -0.5290393081 -1.031470e-01
## 2785 -0.5288322177 -1.695037e-01
## 2786 -0.5313826636 -1.963868e-01
## 2787 -0.5326142837 -1.499779e-01
## 2788 -0.5293226927 -1.823192e-01
## 2789 -0.5265651652 -2.132820e-01
## 2790 -0.5251809469 2.154975e-01
## 2791 -0.5256714207 -5.963597e-02
## 2792 -0.5237749332 -7.782533e-02
## 2793 -0.5272191235 -9.588809e-02
## 2794 -0.5276768928 2.184339e-02
## 2795 -0.5288104234 -1.834765e-02
## 2796 -0.5278621791 1.727143e-02
## 2797 -0.5324507928 5.682700e-01
## 2798 -0.5342382806 6.428844e-01
## 2799 -0.5356878927 -2.341198e-02
## 2800 -0.5353718112 4.251184e-01
## 2801 -0.5377478646 -3.181032e-02
## 2802 -0.5371375047 -4.251677e-01
## 2803 -0.5366034401 1.195389e-02
## 2804 -0.5338241096 9.080261e-02
## 2805 -0.5386525095 -5.042171e-02
## 2806 -0.5386307152 3.757553e-01
## 2807 -0.5409086692 9.277207e-02
## 2808 -0.5433719183 2.462915e-01
## 2809 -0.5425544691 5.727716e-01
## 2810 -0.5373118983 6.707944e-01
## 2811 -0.5370176111 3.273347e-01
## 2812 -0.5402765063 1.445407e-01
## 2813 -0.5409740630 -5.255998e-02
## 2814 -0.5415299306 2.145691e-01
## 2815 -0.5387288047 1.497588e+00
## 2816 -0.5298131589 3.337682e+00
## 2817 -0.5302600344 2.644949e-01
## 2818 -0.5327995711 4.515232e-01
```

```
## 2819 -0.5303690266 -7.028512e-02
## 2820 -0.5303690266  4.174900e-02
## 2821 -0.5324072031 -2.771065e-01
## 2822 -0.5330502588 -3.511301e-01
## 2823 -0.5330938572 -3.899988e-01
## 2824 -0.5293880854  7.372458e-02
## 2825 -0.5304998217 -1.216036e-01
## 2826 -0.5317423434 -2.568351e-01
## 2827 -0.5278621791  2.661830e-01
## 2828 -0.5196004992  2.503982e+00
## 2829 -0.5205160379  1.063473e-01
## 2830 -0.5211263978 -8.683233e-03
## 2831 -0.5196658919 -5.188474e-02
## 2832 -0.5214424782 -5.611908e-02
## 2833 -0.5250283564 -1.017261e-01
## 2834 -0.5270120331 -9.005005e-02
## 2835 -0.5260964943 -1.856814e-01
## 2836 -0.5248648654 -1.565334e-01
## 2837 -0.5226850009 -3.647334e-01
## 2838 -0.5253117420 -4.099466e-01
## 2839 -0.5264997638 -4.074425e-01
## 2840 -0.5265324607 -2.311618e-01
## 2841 -0.5246904806  7.928127e-02
## 2842 -0.5275352038 -3.575730e-01
## 2843 -0.5268812379 -1.786195e-01
## 2844 -0.5275788022 -2.149419e-01
## 2845 -0.5305652144  1.471432e-01
## 2846 -0.5293008897  1.123401e-01
## 2847 -0.5271537210  3.123106e-01
## 2848 -0.5294643806 -2.038004e-01
## 2849 -0.5319712281  3.058535e-01
## 2850 -0.5289521114  7.639742e-02
## 2851 -0.5302709283 -1.111936e-01
## 2852 -0.5313172709  2.405941e-01
## 2853 -0.5298022574  8.189681e-01
## 2854 -0.5376388725  8.292937e-01
## 2855 -0.5322328096  7.211985e-01
## 2856 -0.5273281145  1.055303e+00
## 2857 -0.5339440032 -3.275284e-02
## 2858 -0.5373990863  1.862089e-01
## 2859 -0.5393609676  2.956827e-01
## 2860 -0.5370503080 -1.684627e-01
## 2861 -0.5385544199 -7.363320e-02
## 2862 -0.5465654209  6.659270e-01
## 2863 -0.5363091540  8.125955e-01
## 2864 -0.5397751386  3.308235e-01
## 2865 -0.5421947893  2.047640e-01
## 2866 -0.5425871660  5.567346e-01
## 2867 -0.5445163428  8.602283e-01
## 2868 -0.5518297914  7.716729e-01
```

```

## 2869 -0.5491049608 9.923228e-01
## 2870 -0.5545764207 9.369528e-01
## 2871 -0.5543039376 1.512429e+00
## 2872 -0.5480150286 5.520501e-01
## 2873 -0.5547290101 1.411832e+00
## 2874 -0.5625111264 1.264263e+00
## 2875 -0.5607999328 2.083488e+00
## 2876 -0.5604075561 7.984576e-01
## 2877 -0.5578789143 1.662189e-01
## 2878 -0.5608653298 1.968158e-01
## 2879 -0.5611269113 1.722247e+00
## 2880 -0.5607672359 3.563509e+00
## 2881 -0.5622495448 1.735287e+00
## 2882 -0.5615737836 6.314474e-01
## 2883 -0.5545328223 1.064095e+00
## 2884 -0.5536063821 1.114964e+00
## 2885 -0.5538025699 5.423294e-01
## 2886 -0.5532249025 1.778246e-01
## 2887 -0.5548271051 -1.412738e-02
## 2888 -0.5519060856 5.532420e-02
## 2889 -0.5589579483 5.947592e-01
## 2890 -0.5641460248 1.155971e+00
## 2891 -0.5619770618 2.378472e-02
## 2892 -0.5627945109 2.383573e-01
## 2893 -0.5651487646 3.754177e-01
## 2894 -0.5703150413 1.054797e+00
## 2895 -0.5666419707 1.359599e+00
## 2896 -0.5701079552 6.582461e-01
## 2897 -0.5723532168 4.841037e-01
## 2898 -0.5737156321 1.094270e+00
## 2899 -0.5765494548 7.386282e-01
## 2900 -0.5774323010 1.569009e+00
## 2901 -0.5743368935 1.093356e+00
## 2902 -0.5692905061 1.024003e+00
## 2903 -0.5696283861 8.081079e-01
## 2904 -0.5676992061 8.678529e-01
## 2905 -0.5690725185 -5.330941e-01
## 2906 -0.5715030674 5.498133e-01
## 2907 -0.5707183184 2.030196e-01
## 2908 -0.5663367908 1.182390e+00
## 2909 -0.5640370326 1.760103e+00
## 2910 -0.5630124985 1.032317e+00
## 2911 -0.5595792097 5.163044e-01
## 2912 -0.5597535989 8.502825e-01
## 2913 -0.5614429928 6.798502e-02
## 2914 -0.5630233956 4.404201e-02
## 2915 -0.5597535989 1.961406e-01
## 2916 -0.5623694385 2.092524e-03
## 2917 -0.5582494913 2.240084e-01
## 2918 -0.5576500296 2.690528e-01

```

```

## 2919 -0.5588489529 3.482776e-02
## 2920 -0.5594157188 5.194696e-01
## 2921 -0.5612904034 2.327444e-01
## 2922 -0.5599388852 -2.004805e-01
## 2923 -0.5595465128 -7.913043e-01
## 2924 -0.5591759359 -5.953749e-02
## 2925 -0.5617699714 -1.072828e-01
## 2926 -0.5602876679 -9.414371e-02
## 2927 -0.5597209020 7.338696e-02
## 2928 -0.5563639085 3.639957e-03
## 2929 -0.5566908882 3.150115e-01
## 2930 -0.5530941118 5.359146e-01
## 2931 -0.5543584332 9.455865e-02
## 2932 -0.5533120993 -9.743553e-02
## 2933 -0.5551104897 -8.249577e-02
## 2934 -0.5590233465 3.215529e-01
## 2935 -0.5595356113 8.618845e-02
## 2936 -0.5627618097 4.462338e-01
## 2937 -0.5595465128 6.114855e-01
## 2938 -0.5593830219 1.389418e-01
## 2939 -0.5628163096 -7.080562e-02
## 2940 -0.5605274497 -2.027172e-01
## 2941 -0.5611814112 -1.930425e-02
## 2942 -0.5604293558 -2.078097e-01
## 2943 -0.5615192880 -1.615311e-02
## 2944 -0.5628163096 2.064662e-01
## 2945 -0.5607236375 1.105816e-01
## 2946 -0.5611160142 1.504706e+00
## 2947 -0.5515028118 4.573729e+00
## 2948 -0.5489632674 1.695673e+00
## 2949 -0.5463038349 1.044387e+00
## 2950 -0.5490613624 9.081706e-01
## 2951 -0.5467507072 4.078293e-01
## 2952 -0.5430776322 6.716385e-01
## 2953 -0.5429032474 3.048547e-01
## 2954 -0.5466090149 4.825281e-01
## 2955 -0.5454754886 1.514760e-01
## 2956 -0.5459005611 1.160539e-01
## 2957 -0.5466635148 -4.416689e-01
## 2958 -0.5483965070 -2.031711e-02
## 2959 -0.5476553531 1.343098e-02
## 2960 -0.5480913227 -7.056647e-02
## 2961 -0.5460095521 2.931646e-01
## 2962 -0.5483529087 9.210714e-03
## 2963 -0.5441130733 4.221501e-01
## 2964 -0.5461730442 2.604716e-01
## 2965 -0.5476662503 6.717000e-04
## 2966 -0.5449959152 5.933384e-01
## 2967 -0.5480477244 4.559826e-01
## 2968 -0.5483638058 3.405864e-01

```

```
## 2969 -0.5449741198 6.598217e-01
## 2970 -0.5450177182 6.330089e-01
## 2971 -0.5483747073 1.100545e+00
## 2972 -0.5496826227 8.849731e-01
## 2973 -0.5439931797 1.148642e+00
## 2974 -0.5409086692 9.300316e-01
## 2975 -0.5397751386 5.737282e-01
## 2976 -0.5408105797 2.297058e-01
## 2977 -0.5426089613 3.048125e-01
## 2978 -0.5378459629 6.516484e-01
## 2979 -0.5379549539 4.404802e-01
## 2980 -0.5392083782 2.178468e-01
## 2981 -0.5393609676 1.684697e-01
## 2982 -0.5332355451 1.887692e-01
## 2983 -0.5362546618 2.635908e-02
## 2984 -0.5367015297 8.793283e-02
## 2985 -0.5352955171 -8.620961e-02
## 2986 -0.5387506077 1.826357e-01
## 2987 -0.5377478646 1.551055e-01
## 2988 -0.5355680001 2.317878e-01
## 2989 -0.5355026064 -3.223234e-02
## 2990 -0.5324072031 5.340576e-01
## 2991 -0.5304126249 -2.054745e-01
## 2992 -0.5306088127 -2.137180e-01
## 2993 -0.5333118404 -2.140697e-01
## 2994 -0.5317096389 -2.275465e-01
## 2995 -0.5286687344 -2.647871e-02
## 2996 -0.5295733727 -1.488806e-01
## 2997 -0.5314480573 -1.561676e-01
## 2998 -0.5341837894 3.013660e-01
## 2999 -0.5314153604 2.775177e-02
## 3000 -0.5305434114 2.187153e-02
## 3001 -0.5310665821 1.992495e-01
## 3002 -0.5297913636 -1.523872e-02
## 3003 -0.5292899958 2.117134e-01
## 3004 -0.5277531870 1.254430e+00
## 3005 -0.5235569500 2.280884e+00
## 3006 -0.5250174549 3.425980e-01
## 3007 -0.5258022072 9.192802e-02
## 3008 -0.5286469314 3.467058e-01
## 3009 -0.5278512852 1.782466e-01
## 3010 -0.5295515774 -1.616118e-01
## 3011 -0.5286687344 -3.534128e-02
## 3012 -0.5263471733 -1.969776e-01
## 3013 -0.5262490838 1.875875e-01
## 3014 -0.5292027991 3.322162e-01
## 3015 -0.5306524111 1.297698e-01
## 3016 -0.5299330515 -5.602060e-02
## 3017 -0.5306742065 -2.422189e-01
## 3018 -0.5347505509 2.110100e-01
```

```

## 3019 -0.5337478144 2.916312e-01
## 3020 -0.5353936153 1.042653e-01
## 3021 -0.5328322756 -6.209779e-02
## 3022 -0.5307395992 1.066849e-01
## 3023 -0.5306306081 1.132085e-02
## 3024 -0.5328213741 -2.293049e-01
## 3025 -0.5331701524 -5.325736e-01
## 3026 -0.5301728388 -8.031529e-02
## 3027 -0.5315788524 -2.396305e-01
## 3028 -0.5309793853 -3.274121e-01
## 3029 -0.5306088127 -3.092509e-01
## 3030 -0.5250937501 4.960189e-01
## 3031 -0.5230446808 2.991433e-01
## 3032 -0.5222272316 4.682739e-02
## 3033 -0.5224016240 -2.539372e-01
## 3034 -0.5201781611 1.396874e-01
## 3035 -0.5214860766 -2.347069e-01
## 3036 -0.5207013242 -3.932484e-01
## 3037 -0.5212353976 -1.683783e-01
## 3038 -0.5222163301 -3.180431e-01
## 3039 -0.5239711210 -1.473613e-01
## 3040 -0.5249520622 -2.628842e-01
## 3041 -0.5260746902 -2.538810e-01
## 3042 -0.5255297241 7.238817e-02
## 3043 -0.5266741573 -2.556675e-01
## 3044 -0.5251918484 -2.577636e-01
## 3045 -0.5293444870 3.480140e-01
## 3046 -0.5309466896 2.039443e-02
## 3047 -0.5292137006 -1.672810e-01
## 3048 -0.5260201991 1.264320e-02
## 3049 -0.5241891129 2.116852e-01
## 3050 -0.5251155531 -1.407074e-01
## 3051 -0.5244288904 1.004811e-01
## 3052 -0.5266741573 -4.070102e-02
## 3053 -0.5291592007 -7.304612e-03
## 3054 -0.5304889202 1.382488e-02
## 3055 -0.5331810539 -1.095899e-01
## 3056 -0.5312954668 1.786827e-01
## 3057 -0.5304889202 -1.281591e-01
## 3058 -0.5310011894 -1.820942e-01
## 3059 -0.5268158453 1.096813e-01
## 3060 -0.5262926821 -3.836121e-01
## 3061 -0.5234588517 -1.310429e-01
## 3062 -0.5217585596 -2.684972e-01
## 3063 -0.5220419453 -3.121488e-01
## 3064 -0.5194479011 -1.707698e-01
## 3065 -0.5185977550 6.443999e-02
## 3066 -0.5188375412 -2.730410e-01
## 3067 -0.5133006832 1.672855e+00
## 3068 -0.5213443886 1.678834e+00

```

```
## 3069 -0.5237967362 5.639372e-01
## 3070 -0.5229901809 2.116290e-01
## 3071 -0.5236877451 -1.079862e-01
## 3072 -0.5217803637 -2.437233e-03
## 3073 -0.5221400348 -1.946424e-01
## 3074 -0.5203089486 -8.546402e-02
## 3075 -0.5220964364 -1.537058e-01
## 3076 -0.5237422363 1.248470e-03
## 3077 -0.5235460485 -3.625951e-01
## 3078 -0.5226196072 -2.310634e-01
## 3079 -0.5235787454 -3.981017e-01
## 3080 -0.5245378901 -3.158908e-01
## 3081 -0.5219220516 -2.322732e-01
## 3082 -0.5234043606 -2.191903e-01
## 3083 -0.5245160871 -3.300006e-01
## 3084 -0.5272627207 -5.372759e-02
## 3085 -0.5261073871 -1.949941e-01
## 3086 -0.5251482500 -2.954084e-01
## 3087 -0.5239602282 -2.666543e-01
## 3088 -0.5229683855 -1.603457e-01
## 3089 -0.5235133516 -3.583467e-01
## 3090 -0.5238512284 -3.488089e-01
## 3091 -0.5240583178 -5.144123e-01
## 3092 -0.5237204409 -4.604069e-01
## 3093 -0.5254098316 -3.727660e-01
## 3094 -0.5271210252 -2.822974e-01
## 3095 -0.5293335855 -1.441539e-01
## 3096 -0.5304453218 -1.066076e-01
## 3097 -0.5300965435 -4.403607e-01
## 3098 -0.5296496669 -3.656197e-01
## 3099 -0.5274371055 -3.276691e-02
## 3100 -0.5259766007 -6.953954e-02
## 3101 -0.5242218098 -3.480671e-02
## 3102 -0.5234697532 -1.777613e-01
## 3103 -0.5242109072 -5.202926e-01
## 3104 -0.5245487840 -3.972295e-01
## 3105 -0.5167557750 8.220770e-01
## 3106 -0.5170391519 8.471136e-02
## 3107 -0.5172135443 -7.048206e-02
## 3108 -0.5169083644 -4.306400e-01
## 3109 -0.5134314783 1.398844e-01
## 3110 -0.5149246888 -2.230026e-01
## 3111 -0.5152189661 -3.088429e-01
## 3112 -0.5169519628 -4.239579e-01
## 3113 -0.5151099751 -5.292958e-01
## 3114 -0.5156440397 -4.046712e-01
## 3115 -0.5138565508 1.784717e-01
## 3116 -0.5163851936 -8.798212e-02
## 3117 -0.5176822163 -3.138651e-01
## 3118 -0.5189683363 -3.404706e-02
```

```
## 3119 -0.5165268816 -4.316284e-02
## 3120 -0.5131916921  2.455843e-02
## 3121 -0.5118292768  3.381527e-01
## 3122 -0.5112952122 -3.624545e-01
## 3123 -0.5135949703 -2.362121e-01
## 3124 -0.5122543493 -3.587969e-01
## 3125 -0.5093878308 -2.410795e-01
## 3126 -0.5109682293 -1.446744e-01
## 3127 -0.5117202847 -3.265437e-02
## 3128 -0.5124178413 -1.762842e-01
## 3129 -0.5120908584  7.133310e-02
## 3130 -0.5137911582  6.902602e-02
## 3131 -0.5137584613  1.300965e+00
## 3132 -0.4864665567  7.179422e+00
## 3133 -0.4797634723  3.516987e+00
## 3134 -0.4825645971  1.833521e+00
## 3135 -0.4830332690  1.352903e+00
## 3136 -0.4820087294  7.809294e-01
## 3137 -0.4861177784  8.499168e-01
## 3138 -0.4860850826  5.640356e-01
## 3139 -0.4865973431  3.106084e-01
## 3140 -0.4879815625  4.881092e-02
## 3141 -0.4841558970  2.555057e-01
## 3142 -0.4780631801  8.377905e-01
## 3143 -0.4775509109  1.904291e-01
## 3144 -0.4737579510  4.584304e-01
## 3145 -0.4740195239  2.302507e-02
## 3146 -0.4733437713  -8.500355e-03
## 3147 -0.4706843345  1.495028e-02
## 3148 -0.4721884464  2.458694e-01
## 3149 -0.4725590190  6.716910e-02
## 3150 -0.4725154294  -2.893734e-01
## 3151 -0.4750222604  -1.789852e-01
## 3152 -0.4742920069  -8.692705e-02
## 3153 -0.4706516376  -5.520468e-02
## 3154 -0.4707170313  6.917701e-03
## 3155 -0.4695290085  -3.093916e-01
## 3156 -0.4720249468  -4.006338e-01
## 3157 -0.4674799304  4.007815e-01
## 3158 -0.4646570102  3.358034e-01
## 3159 -0.4605697643  6.369056e-01
## 3160 -0.4617468933  1.301669e+00
## 3161 -0.4656597457  1.063069e+00
## 3162 -0.4693328119  7.968923e-02
## 3163 -0.4694418117  1.030133e-01
## 3164 -0.4724936253  7.543558e-01
## 3165 -0.4680575934  5.729826e-01
## 3166 -0.4693982220  1.091889e-01
## 3167 -0.4724173224  3.871922e-01
## 3168 -0.4736707543  2.226542e-02
```

```
## 3169 -0.4757089221 4.207293e-01
## 3170 -0.4772893206 1.696513e-01
## 3171 -0.4755781357 3.284601e-01
## 3172 -0.4708805310 3.099191e-01
## 3173 -0.4698341884 1.388434e-01
## 3174 -0.4641774378 3.201181e-01
## 3175 -0.4646897071 -3.012887e-01
## 3176 -0.4637741673 2.100815e-01
## 3177 -0.4636651675 1.589741e-01
## 3178 -0.4668477686 -5.026697e-02
## 3179 -0.4689949362 -3.865100e-01
## 3180 -0.4696707051 4.633503e-02
## 3181 -0.4688096499 2.224610e-01
## 3182 -0.4714690868 -1.290350e-02
## 3183 -0.4739214343 5.288948e-01
## 3184 -0.4700848685 3.601262e-01
## 3185 -0.4735835575 2.122620e-01
## 3186 -0.4768097570 2.568421e-01
## 3187 -0.4748914729 4.857074e-01
## 3188 -0.4768097570 3.523047e-01
## 3189 -0.4770386416 1.140314e+00
## 3190 -0.4765263713 2.281865e-01
## 3191 -0.4785209495 2.538035e-01
## 3192 -0.4776054021 3.798349e-01
## 3193 -0.4832621537 6.046768e-01
## 3194 -0.48444828800 6.686843e-01
## 3195 -0.4853875183 3.219328e-01
## 3196 -0.4818234431 1.054333e+00
## 3197 -0.4782484664 2.816689e+00
## 3198 -0.4789242190 3.123109e+00
## 3199 -0.4860523770 4.291154e+00
## 3200 -0.4868698262 2.223967e+00
## 3201 -0.4858016980 7.224224e-01
## 3202 -0.4892458796 7.756119e-01
## 3203 -0.4876654811 5.281352e-01
## 3204 -0.4882758399 3.685246e-01
## 3205 -0.4869679244 2.746657e-01
## 3206 -0.4876981769 -1.459264e-01
## 3207 -0.4847226673 1.509415e-01
## 3208 -0.4851913294 1.129590e-01
## 3209 -0.4875128906 2.338276e-01
## 3210 -0.4888426090 2.355298e-01
## 3211 -0.4869134245 3.558497e-01
## 3212 -0.4875237921 -2.179421e-02
## 3213 -0.4869897198 -6.516452e-02
## 3214 -0.4878289720 -2.846224e-02
## 3215 -0.4851259368 1.679313e-02
## 3216 -0.4867826381 3.183315e-01
## 3217 -0.4865646462 -2.178961e-01
## 3218 -0.4798724633 8.477082e-01
```

```
## 3219 -0.4787934326 6.790380e-01
## 3220 -0.4784010570 -1.167784e-01
## 3221 -0.4755236358 3.364608e-02
## 3222 -0.4751094561 -7.051020e-02
## 3223 -0.4738015407 -2.341723e-01
## 3224 -0.4752075468 -1.687722e-01
## 3225 -0.4733655743 -2.313869e-01
## 3226 -0.4700194747 -4.181611e-03
## 3227 -0.4719377500 -1.575181e-01
## 3228 -0.4726898054 -1.324216e-01
## 3229 -0.4719704632 -4.414439e-01
## 3230 -0.4724609295 -4.096089e-01
## 3231 -0.4709132268 -3.164113e-01
## 3232 -0.4735399515 2.299309e-01
## 3233 -0.4734091651 -2.654726e-01
## 3234 -0.4747279896 -4.301054e-01
## 3235 -0.4760577092 -3.621168e-01
## 3236 -0.4687660592 1.257511e+00
## 3237 -0.4684063793 -9.915177e-02
## 3238 -0.4683409867 -3.718938e-01
## 3239 -0.4667496780 -1.516238e-01
## 3240 -0.4676325209 -3.755936e-01
## 3241 -0.4719486591 2.131623e-01
## 3242 -0.4722974298 -2.045460e-01
## 3243 -0.4678614132 9.562779e-02
## 3244 -0.4686134697 -1.864129e-01
## 3245 -0.4619757693 7.622617e-01
## 3246 -0.4629567181 -1.771705e-01
## 3247 -0.4617141964 -2.567648e-01
## 3248 -0.4628477183 -3.495826e-01
## 3249 -0.4583572029 8.859401e-02
## 3250 -0.4566786985 7.864823e-02
## 3251 -0.4606569610 1.584395e-01
## 3252 -0.4603735841 -1.756371e-01
## 3253 -0.4584443997 -4.162348e-01
## 3254 -0.4560138551 1.461266e-02
## 3255 -0.4520246998 1.110673e+00
## 3256 -0.4590656523 1.646563e+00
## 3257 -0.4552726925 2.880721e-01
## 3258 -0.4608204443 1.925111e-01
## 3259 -0.4637305613 2.763960e-01
## 3260 -0.4611365334 -1.345317e-01
## 3261 -0.4661829088 -1.627653e-01
## 3262 -0.4657578363 -2.273214e-01
## 3263 -0.4741067206 7.592653e-01
## 3264 -0.4729078050 3.077386e-01
## 3265 -0.4753274393 4.105585e-01
## 3266 -0.4793928909 6.551372e-01
## 3267 -0.4725154294 -6.533333e-02
## 3268 -0.4734200579 -1.725282e-01
```

```
## 3269 -0.4697034020 -1.921665e-01
## 3270 -0.4723192328 -1.871444e-01
## 3271 -0.4755236358 -2.803280e-01
## 3272 -0.4751094561 -2.290658e-01
## 3273 -0.4779759834 -2.832681e-01
## 3274 -0.4798179722 -1.135570e-01
## 3275 -0.4851368383 1.862370e-01
## 3276 -0.4818561400 9.796301e-02
## 3277 -0.4825100972 -3.846953e-01
## 3278 -0.4795236850 -5.023883e-02
## 3279 -0.4813220754 -4.303624e-02
## 3280 -0.4775182140 -3.549002e-01
## 3281 -0.4788697278 -4.664419e-01
## 3282 -0.4812893785 -5.079835e-01
## 3283 -0.4779432865 -3.525087e-01
## 3284 -0.4752729558 -2.804546e-01
## 3285 -0.4818016478 -2.493934e-01
## 3286 -0.4826299908 -9.905330e-02
## 3287 -0.4860850826 5.927897e-01
## 3288 -0.4870987108 1.388115e-02
## 3289 -0.4813220754 -1.700382e-01
## 3290 -0.4815182632 -4.313011e-01
## 3291 -0.4806463141 -4.709154e-01
## 3292 -0.4773656246 -3.839778e-01
## 3293 -0.4773002221 -4.651055e-01
## 3294 -0.4784010570 -5.333754e-01
## 3295 -0.4784664496 -4.831542e-01
## 3296 -0.4820414263 -2.733083e-01
## 3297 -0.4823030155 -1.495840e-01
## 3298 -0.4832403583 -2.553862e-01
## 3299 -0.4866409415 7.041871e-02
## 3300 -0.4837308246 -2.111296e-01
## 3301 -0.4872186045 -2.332860e-01
## 3302 -0.4972350840 7.871895e-01
## 3303 -0.4965266270 3.474935e-01
## 3304 -0.4946737454 1.771494e-01
## 3305 -0.4966574221 -3.929670e-01
## 3306 -0.4956546855 -2.885575e-01
## 3307 -0.4919816117 -3.277076e-01
## 3308 -0.4889406996 -6.970835e-02
## 3309 -0.4878071690 -4.509254e-01
## 3310 -0.4853548214 -3.498499e-01
## 3311 -0.4808425019 -2.524076e-02
## 3312 -0.4812239771 -2.832540e-01
## 3313 -0.4825754986 -1.720218e-01
## 3314 -0.4864665567 -1.466720e-01
## 3315 -0.4848861506 -3.150608e-01
## 3316 -0.4847117658 -6.830159e-02
## 3317 -0.4876218827 -3.177618e-01
## 3318 -0.4847444616 1.087827e+00
```

```
## 3319 -0.4860523770 4.944831e+00
## 3320 -0.4865646462 5.440315e-01
## 3321 -0.4879488656 7.393560e-02
## 3322 -0.4879488656 -2.529666e-01
## 3323 -0.4882431430 -1.540012e-01
## 3324 -0.4871205149 -2.715395e-02
## 3325 -0.4847444616 -2.569899e-01
## 3326 -0.4821831229 -1.852312e-01
## 3327 -0.4765590682 2.813900e-01
## 3328 -0.4762865851 -4.203706e-01
## 3329 -0.4757525129 -3.102356e-01
## 3330 -0.4751966529 -3.073377e-01
## 3331 -0.4739214343 -2.199640e-01
## 3332 -0.4784010570 -2.432037e-01
## 3333 -0.4776708034 -4.083288e-01
## 3334 -0.4797089724 -4.633752e-01
## 3335 -0.4782048681 -4.566087e-01
## 3336 -0.4751639560 -3.131195e-01
## 3337 -0.4743029172 8.876282e-02
## 3338 -0.4765699697 -2.374641e-01
## 3339 -0.4763628804 -4.361544e-01
## 3340 -0.4776272062 -4.795951e-01
## 3341 -0.4798833648 -2.673999e-01
## 3342 -0.4773547231 -2.709449e-01
## 3343 -0.4795236850 -3.623841e-01
## 3344 -0.4775836078 -3.081536e-01
## 3345 -0.4806899125 -5.408312e-01
## 3346 -0.4795563819 -4.283469e-01
## 3347 -0.4712074976 -1.860087e-02
## 3348 -0.4682428797 -2.620964e-01
## 3349 -0.4643409375 -9.697130e-02
## 3350 -0.4660521224 -4.765424e-01
## 3351 -0.4639594547 -2.028579e-01
## 3352 -0.4626079321 -3.253161e-01
## 3353 -0.4603626750 -3.132742e-01
## 3354 -0.4574961477 -3.085194e-01
## 3355 -0.4567550014 -4.151516e-01
## 3356 -0.4570819844 -3.329688e-01
## 3357 -0.4541609572 -2.030689e-01
## 3358 -0.4539538679 -1.536908e-03
## 3359 -0.4507058742 -1.155124e-01
## 3360 -0.4513271432 3.818991e-02
## 3361 -0.4501282112 -9.258221e-02
## 3362 -0.4490164759 -2.882799e-02
## 3363 -0.4404278207 4.670538e-01
## 3364 -0.4419101296 -1.159484e-01
## 3365 -0.4415504498 1.721413e-01
## 3366 -0.4423242930 2.387943e-03
## 3367 -0.4444278699 4.719315e-02
## 3368 -0.4480791331 1.987571e-01
```

```
## 3369 -0.4462480556 -2.706636e-01
## 3370 -0.4402752313 -2.321888e-01
## 3371 -0.4462371618 -1.701789e-01
## 3372 -0.4452889098 -3.725831e-01
## 3373 -0.4460736621 -4.953545e-02
## 3374 -0.4488202957 -3.916587e-01
## 3375 -0.4450600327 -2.799060e-01
## 3376 -0.4464878418 -2.303881e-01
## 3377 -0.4460954651 -4.566931e-01
## 3378 -0.4361661823 4.030323e-01
## 3379 -0.4373433103 -1.321261e-01
## 3380 -0.4426730789 3.579842e-02
## 3381 -0.4426730789 -2.082176e-01
## 3382 -0.4358065025 8.738738e-01
## 3383 -0.4312723800 1.272816e+00
## 3384 -0.4314140766 -1.040473e-01
## 3385 -0.4303786443 -3.630734e-01
## 3386 -0.4330380811 -2.178680e-01
## 3387 -0.4337683347 -3.638049e-01
## 3388 -0.4355231256 -3.196187e-01
## 3389 -0.4384114395 -2.856596e-01
## 3390 -0.4361988781 -4.235077e-01
## 3391 -0.4319917396 -1.629623e-01
## 3392 -0.4314903795 1.763719e-02
## 3393 -0.4294848922 -2.895563e-01
## 3394 -0.4281551738 -2.200907e-01
## 3395 -0.4300298583 -4.630938e-01
## 3396 -0.4266946678 -2.574682e-01
## 3397 -0.4299208749 -2.221023e-01
## 3398 -0.4350326593 -1.546380e-02
## 3399 -0.4424223989 3.345373e-01
## 3400 -0.4436431176 -9.834992e-02
## 3401 -0.4430218485 -3.862427e-01
## 3402 -0.4366784516 -1.470378e-01
## 3403 -0.4359699858 -3.946973e-01
## 3404 -0.4298990719 -1.586857e-01
## 3405 -0.4322860257 -1.132756e-01
## 3406 -0.4224221356 3.899495e-01
## 3407 -0.4224766355 -4.218759e-01
## 3408 -0.4199806819 3.410647e-01
## 3409 -0.4244385168 -7.150900e-02
## 3410 -0.4231850849 -2.110733e-01
## 3411 -0.4232068879 -2.437804e-01
## 3412 -0.4241333369 -3.324202e-01
## 3413 -0.4215501865 -2.273777e-01
## 3414 -0.4229452987 -3.085616e-01
## 3415 -0.4234684782 -4.985019e-01
## 3416 -0.4250379664 -3.819380e-01
## 3417 -0.4241987306 -5.212070e-01
## 3418 -0.4256919323 -4.315966e-01
```

```
## 3419 -0.4260298092 -5.043540e-01
## 3420 -0.4242532141 -2.053900e-01
## 3421 -0.4215610967 -4.429913e-01
## 3422 -0.4220624558 -3.887186e-01
## 3423 -0.4158389524 2.060582e-01
## 3424 -0.4142476437 -3.037927e-01
## 3425 -0.4142367499 -6.601101e-01
## 3426 -0.4166019017 -5.503690e-01
## 3427 -0.4170923680 -7.063502e-01
## 3428 -0.4182368001 -7.449517e-01
## 3429 -0.4157517557 -5.838639e-01
## 3430 -0.4164275082 -7.468930e-01
## 3431 -0.4194248219 -5.371877e-01
## 3432 -0.4148253067 -2.727878e-01
## 3433 -0.4139642668 -3.149342e-01
## 3434 -0.4113375268 -5.418441e-01
## 3435 -0.4130378178 -5.754796e-01
## 3436 -0.4134410884 -2.882199e-01
## 3437 -0.4143239466 -5.478791e-01
## 3438 -0.4146945203 -6.268966e-01
## 3439 -0.4149778962 -6.459019e-01
## 3440 -0.4133974977 -5.491311e-01
## 3441 -0.4098879147 -5.075192e-01
## 3442 -0.4071630841 -4.746855e-01
## 3443 -0.4119369928 -4.766268e-01
## 3444 -0.4172885471 -2.195420e-01
## 3445 -0.4222368493 -6.531927e-02
## 3446 -0.4228581020 -2.349601e-01
## 3447 -0.4230216016 -3.685035e-01
## 3448 -0.4244494107 -4.935361e-01
## 3449 -0.4145746267 1.030291e+00
## 3450 -0.4290816227 1.777814e+00
## 3451 -0.4307165211 -7.771279e-02
## 3452 -0.4280243863 -3.073237e-01
## 3453 -0.4264766846 -3.830634e-01
## 3454 -0.4262804881 -5.052543e-01
## 3455 -0.4238608538 -4.111564e-01
## 3456 -0.4233158877 -2.835776e-01
## 3457 -0.4160896314 7.376679e-02
## 3458 -0.4136481777 1.466087e-01
## 3459 -0.4126563350 -2.727878e-01
## 3460 -0.4093429486 -3.914477e-01
## 3461 -0.4080677301 -4.514600e-01
## 3462 -0.4095827348 -4.754311e-01
## 3463 -0.4122094759 -3.717109e-01
## 3464 -0.4109669531 -5.409016e-01
## 3465 -0.4123402623 -4.349587e-01
## 3466 -0.4189670525 -2.297832e-01
## 3467 -0.4230434046 -2.516020e-01
## 3468 -0.4218771695 -3.677298e-01
```

```
## 3469 -0.4224330295 -4.331581e-01
## 3470 -0.4267382749 -6.855481e-02
## 3471 -0.4309345043 -2.002413e-01
## 3472 -0.4281224769 -2.932842e-01
## 3473 -0.4272832410 -4.406420e-01
## 3474 -0.4285039597 -3.300568e-01
## 3475 -0.4313268799 -1.881713e-01
## 3476 -0.4337138348 -4.292754e-01
## 3477 -0.4313595768 -2.273673e-02
## 3478 -0.4345312840 -1.789571e-01
## 3479 -0.4324277060 -3.742853e-01
## 3480 -0.4338882272 -4.569885e-01
## 3481 -0.4356866089 -3.286220e-01
## 3482 -0.4361007886 -2.901331e-01
## 3483 -0.4401662315 -1.124175e-01
## 3484 -0.4392397826 2.422081e-02
## 3485 -0.4362969688 -4.523322e-01
## 3486 -0.4383896365 -5.147500e-01
## 3487 -0.4354250197 -3.586140e-01
## 3488 -0.4291252124 -1.388927e-01
## 3489 -0.4292560151 -4.187529e-01
## 3490 -0.4310325938 -5.443763e-01
## 3491 -0.4252886629 -3.356417e-01
## 3492 -0.4200569848 -5.784939e-02
## 3493 -0.4192831253 -3.438149e-01
## 3494 -0.4192831253 -2.231715e-01
## 3495 -0.4162204189 -4.338614e-01
## 3496 -0.4136590879 -2.393351e-01
## 3497 -0.4164166144 -2.588187e-01
## 3498 -0.4140732502 -3.807423e-01
## 3499 -0.4142912334 -4.985723e-01
## 3500 -0.4150215033 -5.589643e-01
## 3501 -0.4189016588 -2.723517e-01
## 3502 -0.4169288847 -4.296552e-01
## 3503 -0.4174411376 -5.180136e-01
## 3504 -0.4194139280 -4.217633e-01
## 3505 -0.4212341138 -3.733568e-01
## 3506 -0.4207109343 -6.505583e-01
## 3507 -0.4152067896 -4.505878e-01
## 3508 -0.4130051221 -5.517899e-01
## 3509 -0.4135173913 -5.391291e-01
## 3510 -0.4169179745 5.527816e-01
## 3511 -0.4012992432 2.300396e+00
## 3512 -0.4029995353 4.146389e-03
## 3513 -0.4021929952 -8.857296e-02
## 3514 -0.3963291554 2.992981e-01
## 3515 -0.3993155752 -1.646644e-01
## 3516 -0.3976588738 -1.013604e-01
## 3517 -0.4007760800 -3.756780e-01
## 3518 -0.4002420078 -4.581280e-01
```

```
## 3519 -0.3967542279 -2.032940e-01
## 3520 -0.3933318417 -1.947831e-01
## 3521 -0.3928522682 -3.462768e-01
## 3522 -0.3910102806 -3.475428e-01
## 3523 -0.3948359526 -4.426818e-01
## 3524 -0.4057897749 2.976521e-01
## 3525 -0.4032829275 -2.774479e-02
## 3526 -0.4007978841 -3.256256e-01
## 3527 -0.3989340924 -5.021173e-01
## 3528 -0.3990975920 -5.471616e-01
## 3529 -0.4017461197 -4.319482e-01
## 3530 -0.4049614166 -6.045995e-01
## 3531 -0.4060622580 -3.670545e-01
## 3532 -0.4030758382 -4.495046e-01
## 3533 -0.4040240738 -6.918325e-01
## 3534 -0.4012338505 -5.432227e-01
## 3535 -0.4059096686 -5.381303e-01
## 3536 -0.4045472533 -5.944427e-01
## 3537 -0.4103565780 -3.229949e-01
## 3538 -0.4132231052 -5.000353e-01
## 3539 -0.4111958302 -3.381879e-01
## 3540 -0.4106508640 -4.999509e-01
## 3541 -0.4088742854 -4.337348e-01
## 3542 -0.4123075654 -4.937893e-01
## 3543 -0.4125691557 -4.785260e-01
## 3544 -0.4085690891 -4.656682e-01
## 3545 -0.4129070314 -1.340393e-01
## 3546 -0.4154465757 -1.742163e-01
## 3547 -0.4124819589 -1.334063e-01
## 3548 -0.4110105439 -6.244348e-01
## 3549 -0.4039150904 -4.343960e-01
## 3550 -0.4067489044 -5.825134e-01
## 3551 -0.4039913769 -3.743275e-01
## 3552 -0.4057461689 -5.143139e-01
## 3553 -0.3962637616 -1.645660e-01
## 3554 -0.3950648296 -4.846594e-01
## 3555 -0.3930702678 -3.744260e-01
## 3556 -0.3927323757 -3.970466e-01
## 3557 -0.3872827145 -4.588595e-01
## 3558 -0.3832499684 -5.184357e-01
## 3559 -0.3821600362 -6.559602e-01
## 3560 -0.3793807057 -5.803752e-01
## 3561 -0.3777022165 -5.011748e-01
## 3562 -0.3839475240 -4.553426e-01
## 3563 -0.3853862422 -4.620950e-01
## 3564 -0.3829120916 -4.277420e-01
## 3565 -0.3863126748 -4.737993e-01
## 3566 -0.3835987544 -4.498703e-01
## 3567 -0.3850592592 -6.150939e-01
## 3568 -0.3779420027 -3.985800e-01
```

```
## 3569 -0.3806777272 -5.483011e-01
## 3570 -0.3832281643 -3.833729e-01
## 3571 -0.3796204918 -5.175213e-01
## 3572 -0.3829229855 -5.525354e-01
## 3573 -0.3821709453 3.647826e-01
## 3574 -0.3730808983 7.997518e-01
## 3575 -0.3715768027 -2.694819e-01
## 3576 -0.3730808983 -2.958164e-01
## 3577 -0.3743888138 -2.083724e-01
## 3578 -0.3848739729 -9.619758e-02
## 3579 -0.3867704441 1.303465e-01
## 3580 -0.3960130816 -9.721044e-02
## 3581 -0.3946833631 3.873470e-01
## 3582 -0.4044927534 4.441096e-01
## 3583 -0.3920784262 4.530706e-01
## 3584 -0.4040240738 2.091953e-01
## 3585 -0.3994136647 1.848124e-02
## 3586 -0.3951193295 -2.321325e-01
## 3587 -0.3944108801 -3.495264e-01
## 3588 -0.4001548274 -2.904426e-01
## 3589 -0.4020622088 -4.613354e-01
## 3590 -0.4166781883 1.413333e-01
## 3591 -0.4205910570 -3.703314e-03
## 3592 -0.4221060629 -2.752777e-01
## 3593 -0.4046562367 1.140526e-02
## 3594 -0.4044600565 -1.437460e-01
## 3595 -0.4063129380 -4.937330e-01
## 3596 -0.3984218231 -2.756998e-01
## 3597 -0.3905089204 -3.881981e-01
## 3598 -0.3857241190 -1.905910e-01
## 3599 -0.3810265132 1.891734e-02
## 3600 -0.3839584342 -2.806797e-01
## 3601 -0.3867268545 -4.274466e-01
## 3602 -0.3799910808 -1.483179e-01
## 3603 -0.3759365317 -2.777958e-01
## 3604 -0.3788139518 -4.041085e-01
## 3605 -0.3852118497 -3.792933e-01
## 3606 -0.3795769011 -2.712825e-01
## 3607 -0.3763398012 -3.424926e-01
## 3608 -0.3730263985 -1.953739e-01
## 3609 -0.3684377924 -2.337643e-01
## 3610 -0.3547918363 6.305752e-01
## 3611 -0.3521868993 1.340323e-01
## 3612 -0.3613859297 1.617416e-02
## 3613 -0.3628900416 -1.954021e-01
## 3614 -0.3723070552 1.384354e-01
## 3615 -0.3718928755 -1.128817e-01
## 3616 -0.3650916928 -2.076971e-01
## 3617 -0.3712389096 7.975957e-02
## 3618 -0.3652442822 1.008135e+00
```

```
## 3619 -0.3731680951 2.965408e-01
## 3620 -0.3799365809 -1.013182e-01
## 3621 -0.3845687930 -9.089411e-02
## 3622 -0.3840020238 2.027242e-01
## 3623 -0.3763724981 -1.072406e-01
## 3624 -0.3741817397 -5.925614e-02
## 3625 -0.3706612477 -6.840006e-02
## 3626 -0.3634894913 -2.992770e-01
## 3627 -0.3589553851 -3.188872e-01
## 3628 -0.3575057731 -1.068749e-01
## 3629 -0.3582251327 -3.428302e-01
## 3630 -0.3467154340 -1.894656e-01
## 3631 -0.3514893427 -3.504970e-01
## 3632 -0.3497999444 -3.743134e-01
## 3633 -0.3632606142 -7.813482e-02
## 3634 -0.3609935530 -3.862427e-01
## 3635 -0.3597183344 -3.795466e-01
## 3636 -0.3566338240 -3.228120e-01
## 3637 -0.3680345229 9.484460e-01
## 3638 -0.3993700751 2.372309e+00
## 3639 -0.3902364374 4.928959e-01
## 3640 -0.3787485428 3.671459e-01
## 3641 -0.3829011977 1.023765e-02
## 3642 -0.3844379902 1.746172e-01
## 3643 -0.3806014407 -1.615696e-01
## 3644 -0.3776913237 -2.750949e-01
## 3645 -0.3796640978 -4.508269e-01
## 3646 -0.3790973287 -4.797780e-01
## 3647 -0.3780182903 -4.721112e-01
## 3648 -0.3853971360 -3.643395e-01
## 3649 -0.3858658156 -3.131336e-01
## 3650 -0.3786722562 -2.964635e-01
## 3651 -0.3769937671 -1.052712e-01
## 3652 -0.3781926828 -2.154484e-01
## 3653 -0.3845578838 -2.477475e-01
## 3654 -0.3926996788 1.002420e-01
## 3655 -0.4007433843 1.641650e-01
## 3656 -0.4093429486 5.698315e-01
## 3657 -0.4059750623 3.720977e-01
## 3658 -0.4096263255 1.042090e-01
## 3659 -0.4168089911 -3.233466e-01
## 3660 -0.4040022871 -8.894247e-03
## 3661 -0.4102802914 -9.782942e-02
## 3662 -0.4060295622 6.280815e-02
## 3663 -0.4007542770 8.043106e-03
## 3664 -0.4019532091 3.596723e-02
## 3665 -0.4017243167 -1.896906e-01
## 3666 -0.4063565288 -2.909912e-01
## 3667 -0.4027270522 -1.186213e-01
## 3668 -0.4080023363 -4.092854e-01
```

```
## 3669 -0.4052230058 -2.970684e-01
## 3670 -0.4090486625 -4.118035e-01
## 3671 -0.4188689619  2.851179e-01
## 3672 -0.4191959285  6.110494e-01
## 3673 -0.4180515127 -1.494706e-03
## 3674 -0.4180515127 -8.530928e-02
## 3675 -0.4201550743 -3.850188e-01
## 3676 -0.4166781883 -3.756639e-01
## 3677 -0.4255829326  1.120024e-01
## 3678 -0.4204820573 -3.623278e-01
## 3679 -0.4223894387 -5.309136e-01
## 3680 -0.4234902648 -6.076662e-01
## 3681 -0.4260843090 -5.079835e-01
## 3682 -0.4261170048  1.320628e-01
## 3683 -0.4269453479 -4.207223e-01
## 3684 -0.4204820573 -3.038208e-01
## 3685 -0.4221387587 -4.312167e-01
## 3686 -0.4220297589 -4.869384e-01
## 3687 -0.4165800976 -3.687464e-02
## 3688 -0.4209943265 -3.114032e-01
## 3689 -0.4201441816 -4.620810e-01
## 3690 -0.4206237539 -5.863117e-01
## 3691 -0.4238608538 -2.651350e-01
## 3692 -0.4211469170 -3.540843e-01
## 3693 -0.4176155300 -2.287422e-01
## 3694 -0.4091358593  2.855362e-02
## 3695 -0.4036753042 -2.455145e-02
## 3696 -0.4075118701 -2.335533e-01
## 3697 -0.4127871389 -3.777459e-01
## 3698 -0.4117952962 -3.652961e-01
## 3699 -0.4109233471 -4.169804e-01
## 3700 -0.4049069167 -1.965134e-01
## 3701 -0.4026725687 -3.673781e-01
## 3702 -0.4061821516 -2.597471e-01
## 3703 -0.4036861981  7.739519e-01
## 3704 -0.4200133777  1.978755e+00
## 3705 -0.4175501374  2.061989e-01
## 3706 -0.4110541499  1.195708e-01
## 3707 -0.4160024357 -2.757982e-01
## 3708 -0.4148580036 -3.047915e-01
## 3709 -0.4134519975 -2.523617e-01
## 3710 -0.4139969637 -1.144048e-02
## 3711 -0.4133866049 -2.072751e-01
## 3712 -0.4067925115 -1.686878e-01
## 3713 -0.4071085842  3.174452e-01
## 3714 -0.4145528237  7.369645e-02
## 3715 -0.4195011248  7.446351e-01
## 3716 -0.4166999913  2.076019e-02
## 3717 -0.4169615805 -7.231085e-02
## 3718 -0.4187926590 -2.089210e-01
```

```
## 3719 -0.4206346478 -2.977718e-01
## 3720 -0.4203730575 -5.066892e-01
## 3721 -0.4210270234 -5.014139e-01
## 3722 -0.4152830761 -2.118611e-01
## 3723 -0.4197626987 -2.771628e-01
## 3724 -0.4193812322 -3.284109e-01
## 3725 -0.4201877712 -5.082226e-01
## 3726 -0.4191414450 -3.640441e-01
## 3727 -0.4182368001 -2.332860e-01
## 3728 -0.4153157730 -3.262305e-01
## 3729 -0.4110977406 -4.289237e-01
## 3730 -0.4147163070 -3.882544e-01
## 3731 -0.4157299527 -6.587737e-01
## 3732 -0.4144220372 -4.029972e-01
## 3733 -0.4169615805 -5.023283e-01
## 3734 -0.4145964297 -4.375612e-01
## 3735 -0.4139206608 -3.286923e-01
## 3736 -0.4134083915 -4.736727e-01
## 3737 -0.4059859551 2.665628e-01
## 3738 -0.4066399210 -4.299225e-01
## 3739 -0.4059096686 -4.967153e-01
## 3740 -0.4030322485 -1.809828e-01
## 3741 -0.3944980768 4.827635e-02
## 3742 -0.3916969433 3.278130e-01
## 3743 -0.3963618512 -1.442665e-01
## 3744 -0.3926015882 -2.193591e-01
## 3745 -0.3948904524 -3.984534e-01
## 3746 -0.3997515416 -1.181993e-01
## 3747 -0.3979967495 -3.193092e-01
## 3748 -0.4041766643 -2.551330e-01
## 3749 -0.4037406979 -5.701621e-01
## 3750 -0.4064873316 -5.816412e-01
## 3751 -0.4118170992 -3.960759e-01
## 3752 -0.4107380608 -4.125631e-01
## 3753 -0.4077734440 -4.561585e-01
## 3754 -0.4102039875 -5.400153e-01
## 3755 -0.4134301945 -4.538514e-01
## 3756 -0.4102802914 -6.247865e-01
## 3757 -0.4073592643 -4.598161e-01
## 3758 -0.4073265674 -4.597458e-01
## 3759 -0.4085473024 -5.664905e-01
## 3760 -0.4104437747 -5.330941e-01
## 3761 -0.4081658196 -5.478228e-01
## 3762 -0.4037080011 -4.663997e-01
## 3763 -0.4019967998 4.168889e-01
## 3764 -0.3683614895 2.088524e+00
## 3765 -0.3628573448 3.497725e-01
## 3766 -0.3648846198 -7.253593e-02
## 3767 -0.3646557264 -3.766064e-01
## 3768 -0.3655276755 -4.522759e-01
```

```
## 3769 -0.3714786969 -3.777600e-01
## 3770 -0.3702034772 -5.565447e-01
## 3771 -0.3715768027 -3.865944e-01
## 3772 -0.3725795382 -5.005980e-01
## 3773 -0.3685358831 -3.688693e-01
## 3774 -0.3674568599 -4.328486e-01
## 3775 -0.3726340381 -5.871698e-01
## 3776 -0.3710427305 -2.190075e-01
## 3777 -0.3714024092 -2.825788e-01
## 3778 -0.3776150198 -3.889718e-01
## 3779 -0.3825306088 -2.868131e-01
## 3780 -0.3778875028 -5.191953e-01
## 3781 -0.3809175134 -4.976297e-01
## 3782 -0.3787921488 -4.257866e-01
## 3783 -0.3810156040 -5.809097e-01
## 3784 -0.3835769513 -7.173229e-01
## 3785 -0.3815496763 -6.438199e-01
## 3786 -0.3875661066 -4.490825e-01
## 3787 -0.3835551473 -3.272855e-01
## 3788 -0.3886669328 -4.669062e-01
## 3789 -0.3817458565 -4.179369e-01
## 3790 -0.3832281643 -5.242456e-01
## 3791 -0.3783997732 -6.415410e-01
## 3792 -0.3771354474 -5.298726e-01
## 3793 -0.3774842333 -6.180622e-01
## 3794 -0.3796422948 -4.953789e-01
## 3795 -0.3797294916 -6.242097e-01
## 3796 -0.3815714793 -6.956870e-01
## 3797 -0.3818766592 -5.921919e-01
## 3798 -0.3776259136 -4.903005e-01
## 3799 -0.3729283078 -5.487653e-01
## 3800 -0.3714351061 -6.406266e-01
## 3801 -0.3725359322 -6.789185e-01
## 3802 -0.3752062630 -6.228452e-01
## 3803 -0.3734732740 -7.150581e-01
## 3804 -0.3757512291 -6.876544e-01
## 3805 -0.3697130110 -4.946755e-01
## 3806 -0.3697021182 -6.290067e-01
## 3807 -0.3743997229 -6.014906e-01
## 3808 -0.3667265912 -5.143279e-01
## 3809 -0.3656693558 -6.949133e-01
## 3810 -0.3654404787 -8.354483e-01
## 3811 -0.3681326125 -6.454517e-01
## 3812 -0.3703233708 -5.721738e-01
## 3813 -0.3703233708 -7.524075e-01
## 3814 -0.3763724981 -6.032772e-01
## 3815 -0.3776041270 -6.380803e-01
## 3816 -0.3808848165 -6.547504e-01
## 3817 -0.3775823240 -7.102188e-01
## 3818 -0.3801763671 -7.408439e-01
```

```
## 3819 -0.3791736316 -7.432635e-01
## 3820 -0.3785850595 -7.283519e-01
## 3821 -0.3691026522 -2.561880e-01
## 3822 -0.3667920013 -4.361685e-01
## 3823 -0.3692770446 -2.469456e-01
## 3824 -0.3725141456 -3.181838e-01
## 3825 -0.3790428288 -5.097841e-01
## 3826 -0.3758166381 -4.686262e-02
## 3827 -0.3569498978 5.688045e-01
## 3828 -0.3582905265 -4.971655e-01
## 3829 -0.3613314298 -5.369486e-01
## 3830 -0.3626502554 -6.649353e-01
## 3831 -0.3640453665 -5.939926e-01
## 3832 -0.3595112451 -6.253351e-01
## 3833 -0.3605793744 -7.634224e-01
## 3834 -0.3577782561 -7.332334e-01
## 3835 -0.3601543008 -8.069474e-01
## 3836 -0.3605030867 -8.050061e-01
## 3837 -0.3619308958 -7.621844e-01
## 3838 -0.3622687726 -7.418146e-01
## 3839 -0.3614513234 -6.357873e-01
## 3840 -0.3568409144 -5.635222e-01
## 3841 -0.3523394888 -4.161785e-01
## 3842 -0.3527536685 -5.886891e-01
## 3843 -0.3536474042 -7.569232e-01
## 3844 -0.3546283530 -6.610386e-01
## 3845 -0.3506500905 -6.747967e-01
## 3846 -0.3527209716 -6.775821e-01
## 3847 -0.3477726704 -5.024549e-01
## 3848 -0.3497563548 -6.106486e-01
## 3849 -0.3473693999 -6.370112e-01
## 3850 -0.3462685748 -7.734244e-01
## 3851 -0.3472495073 -5.096716e-01
## 3852 -0.3450151430 -5.518743e-01
## 3853 -0.3454402154 -4.670046e-01
## 3854 -0.3472495073 -6.496298e-01
## 3855 -0.3416254526 -2.685675e-01
## 3856 -0.3331675674 -3.152578e-01
## 3857 -0.3354019492 -6.616435e-01
## 3858 -0.3369496509 -6.676082e-01
## 3859 -0.3369932405 -7.030022e-01
## 3860 -0.3319686692 -5.268199e-01
## 3861 -0.3308460401 -5.070409e-01
## 3862 -0.3344101065 -6.983458e-01
## 3863 -0.3335926573 -7.111895e-01
## 3864 -0.3303991635 -6.518525e-01
## 3865 -0.3313473991 -6.129134e-01
## 3866 -0.3349877695 -1.703899e-01
## 3867 -0.3378978865 -6.418504e-01
## 3868 -0.3404483236 -4.029972e-01
```

```
## 3869 -0.3434892443 -6.119428e-01
## 3870 -0.3359469154 -5.448546e-01
## 3871 -0.3384210496 -6.772022e-01
## 3872 -0.3409388062 -6.596740e-01
## 3873 -0.3424755986 -7.138905e-01
## 3874 -0.3366771678 -6.365470e-01
## 3875 -0.3317179728 -6.429055e-01
## 3876 -0.3338542302 -6.279798e-01
## 3877 -0.3332547805 -7.748734e-01
## 3878 -0.3420832219 -5.311527e-01
## 3879 -0.3485901196 -4.673563e-01
## 3880 -0.3494293718 -5.378348e-01
## 3881 -0.3514566458 -7.128495e-01
## 3882 -0.3494729778 -6.064142e-01
## 3883 -0.3497345518 -7.127229e-01
## 3884 -0.3458652890 -5.581765e-01
## 3885 -0.3487427091 -2.764594e-01
## 3886 -0.3540288870 -4.044743e-01
## 3887 -0.3608082667 -3.897455e-01
## 3888 -0.3602306037 -3.994803e-01
## 3889 -0.3665740017 -5.052825e-01
## 3890 -0.3726449320 -7.444912e-02
## 3891 -0.3559471623 5.763448e-01
## 3892 -0.3617783064 -3.478805e-01
## 3893 -0.3625957556 -4.734335e-01
## 3894 -0.3622905756 -5.480479e-01
## 3895 -0.3602088007 -7.630847e-01
## 3896 -0.3566883239 -6.484059e-01
## 3897 -0.3626829512 -5.129493e-01
## 3898 -0.3678165234 -6.032350e-01
## 3899 -0.3689500617 -5.877466e-01
## 3900 -0.3687756692 -7.233157e-01
## 3901 -0.3686339726 -6.528372e-01
## 3902 -0.3726122351 -5.959620e-01
## 3903 -0.3751735661 -5.438276e-01
## 3904 -0.3701271907 -4.104530e-01
## 3905 -0.3652442822 -5.175916e-01
## 3906 -0.3608082667 -6.328753e-01
## 3907 -0.3561760546 -6.064846e-01
## 3908 -0.3541596734 -7.728336e-01
## 3909 -0.3500833377 -4.350009e-01
## 3910 -0.3503231239 -5.939363e-01
## 3911 -0.3462794676 -6.368565e-01
## 3912 -0.3417453462 -2.757279e-01
## 3913 -0.3408952001 -4.885843e-01
## 3914 -0.3427698847 -6.020814e-01
## 3915 -0.3404156278 -5.846236e-01
## 3916 -0.3388134252 -6.215509e-01
## 3917 -0.3394564983 -5.222761e-01
## 3918 -0.3395654817 -7.174777e-01
```

```
## 3919 -0.3455601091 -5.298867e-01
## 3920 -0.3423775091 -4.340302e-01
## 3921 -0.3412112892 -6.530764e-01
## 3922 -0.3417671492 -6.766958e-01
## 3923 -0.3440124075 -6.673127e-01
## 3924 -0.3389224250 -7.024676e-01
## 3925 -0.3317942757 -3.248940e-01
## 3926 -0.3344210168 -6.992321e-01
## 3927 -0.3305953437 -6.591958e-01
## 3928 -0.3355872192 -3.609633e-01
## 3929 -0.3337343540 -8.843050e-01
## 3930 -0.3446227663 -4.386022e-01
## 3931 -0.3449715522 -5.108251e-01
## 3932 -0.3483830456 -7.613122e-01
## 3933 -0.3421813289 -5.418160e-01
## 3934 -0.3351621620 -5.626360e-01
## 3935 -0.3338869271 -6.358014e-01
## 3936 -0.3331566910 -7.591318e-01
## 3937 -0.3230094250 -3.320685e-01
## 3938 -0.3252764688 -5.992538e-01
## 3939 -0.3253091657 -7.040713e-01
## 3940 -0.3264100082 -6.199754e-01
## 3941 -0.3235761778 -6.832935e-01
## 3942 -0.3183553925 -4.213976e-01
## 3943 -0.3192600548 -6.954479e-01
## 3944 -0.3224971547 -7.322064e-01
## 3945 -0.3208077401 -7.576687e-01
## 3946 -0.3190202686 -6.089183e-01
## 3947 -0.3211238302 -7.220637e-01
## 3948 -0.3233909079 -6.698449e-01
## 3949 -0.3175597638 -5.420973e-01
## 3950 -0.3060827783 -3.238952e-01
## 3951 -0.3147477190 -4.148702e-01
## 3952 -0.3318487592 4.082514e-01
## 3953 -0.3183226956 8.166048e-01
## 3954 -0.3262356147 -7.011631e-02
## 3955 -0.3267805808 -1.625543e-01
## 3956 -0.3322520287 -4.989661e-01
## 3957 -0.3247205925 -4.582687e-01
## 3958 -0.3298105914 -6.330582e-01
## 3959 -0.3319795456 -4.635018e-01
## 3960 -0.3301048611 -4.770770e-01
## 3961 -0.3352711628 -5.439683e-01
## 3962 -0.3336471409 -6.086791e-01
## 3963 -0.3219085826 -2.781897e-01
## 3964 -0.3221592790 -5.356262e-01
## 3965 -0.3266824913 -4.629110e-01
## 3966 -0.3216034026 -6.212696e-01
## 3967 -0.3252437720 -5.263557e-01
## 3968 -0.3257560423 -5.110924e-01
```

```
## 3969 -0.3263227951 -5.832027e-01
## 3970 -0.3323719387 -5.962012e-01
## 3971 -0.3329278150 -5.517195e-01
## 3972 -0.3286879622 -6.136872e-01
## 3973 -0.3275762433 -6.475759e-01
## 3974 -0.3259740418 -6.068081e-01
## 3975 -0.3179412466 -5.370330e-01
## 3976 -0.3152382026 -5.042274e-01
## 3977 -0.3172000665 -7.343025e-01
## 3978 -0.3171019770 -7.500160e-01
## 3979 -0.3167641013 -7.583440e-01
## 3980 -0.3199794145 -7.548130e-01
## 3981 -0.3168294939 -5.661247e-01
## 3982 -0.3157722585 -7.577250e-01
## 3983 -0.3259740418 -2.875165e-01
## 3984 -0.3302465577 -3.382723e-01
## 3985 -0.3345299827 -6.401201e-01
## 3986 -0.3361430944 -4.968701e-01
## 3987 -0.3351948588 -6.374895e-01
## 3988 -0.3394346953 -6.279939e-01
## 3989 -0.3346825896 -5.832309e-01
## 3990 -0.3365681844 -6.691415e-01
## 3991 -0.3318923652 -6.822103e-01
## 3992 -0.3264536142 -6.183576e-01
## 3993 -0.3251565926 -6.747967e-01
## 3994 -0.3304754675 -6.676082e-01
## 3995 -0.3286116593 -6.526543e-01
## 3996 -0.3332874774 -6.832232e-01
## 3997 -0.3332329939 -7.464428e-01
## 3998 -0.3371567402 -6.630221e-01
## 3999 -0.3333746578 -6.998510e-01
## 4000 -0.3309877029 -7.194049e-01
## 4001 -0.3270312772 -6.960668e-01
## 4002 -0.3214944029 -5.880279e-01
## 4003 -0.3182028195 -6.195674e-01
## 4004 -0.3238159640 -5.548988e-01
## 4005 -0.3187804825 -7.221341e-01
## 4006 -0.3241647499 -5.817538e-01
## 4007 -0.3328623886 -5.814021e-01
## 4008 -0.3318814561 -6.566777e-01
## 4009 -0.3283609956 -7.246803e-01
## 4010 -0.3225298516 -7.033679e-01
## 4011 -0.3226606380 -7.621422e-01
## 4012 -0.3162082249 -1.623433e-01
## 4013 -0.3378869926 9.508938e-01
## 4014 -0.3434129415 -2.159726e-02
## 4015 -0.3389769248 -4.250833e-01
## 4016 -0.3450587490 -4.050229e-01
## 4017 -0.3403502340 -4.690585e-01
## 4018 -0.3343556230 -5.284518e-01
```

```
## 4019 -0.3368951510 -6.925078e-01
## 4020 -0.3347043763 -5.819507e-01
## 4021 -0.3336689602 -6.461973e-01
## 4022 -0.3320558485 -6.332130e-01
## 4023 -0.3282737825 -5.803189e-01
## 4024 -0.3273146367 -7.204037e-01
## 4025 -0.3231511206 -6.429618e-01
## 4026 -0.3250802887 -6.400779e-01
## 4027 -0.3277397266 -7.915856e-01
## 4028 -0.3214399193 -6.672565e-01
## 4029 -0.3239140535 -7.120335e-01
## 4030 -0.3225734587 -7.778416e-01
## 4031 -0.3290040524 -5.540547e-01
## 4032 -0.3302683771 -7.413926e-01
## 4033 -0.3303337708 -7.841580e-01
## 4034 -0.3242846261 -5.345008e-01
## 4035 -0.3262029178 -7.550240e-01
## 4036 -0.3247860190 -7.882094e-01
## 4037 -0.3222028523 -5.481042e-01
## 4038 -0.3247315027 -6.649213e-01
## 4039 -0.3260176151 -7.289709e-01
## 4040 -0.3244154136 -5.286909e-01
## 4041 -0.3236960867 -6.744309e-01
## 4042 -0.3138430905 -3.710919e-01
## 4043 -0.3092653619 -5.885906e-01
## 4044 -0.3161210445 -5.870010e-01
## 4045 -0.3195107185 -7.078273e-01
## 4046 -0.3150202020 -6.500237e-01
## 4047 -0.3169821008 -7.202209e-01
## 4048 -0.3125460678 -6.170775e-01
## 4049 -0.3085133054 -7.208820e-01
## 4050 -0.3124370680 -6.250256e-01
## 4051 -0.3175815504 -6.030099e-01
## 4052 -0.3176687635 -4.318076e-01
## 4053 -0.3206660772 -4.792434e-01
## 4054 -0.3190529655 -6.781870e-01
## 4055 -0.3130801248 -5.966091e-01
## 4056 -0.3131019442 -6.683537e-01
## 4057 -0.3129493384 -5.735665e-01
## 4058 -0.3081427328 -6.164866e-01
## 4059 -0.3063661378 -5.672501e-01
## 4060 -0.3060391712 -8.296384e-01
## 4061 -0.3040227900 -7.434886e-01
## 4062 -0.2988892189 -5.941895e-01
## 4063 -0.2978646793 -6.323267e-01
## 4064 -0.2969927466 -7.681350e-01
## 4065 -0.2890035247 -4.590564e-01
## 4066 -0.2804039767 -3.842170e-01
## 4067 -0.2814720896 -7.068848e-01
## 4068 -0.2811451230 -6.485607e-01
```

```
## 4069 -0.2791614387 -7.372567e-01
## 4070 -0.2841533469 -5.917840e-01
## 4071 -0.2829325945 -6.045432e-01
## 4072 -0.2848399759 -6.681849e-01
## 4073 -0.2874776261 -7.414910e-01
## 4074 -0.2897882781 -7.413644e-01
## 4075 -0.2849271890 -2.623215e-01
## 4076 -0.2755428549 2.176217e-01
## 4077 -0.2819843588 -5.709640e-01
## 4078 -0.2860062110 -5.932470e-01
## 4079 -0.2873032337 -7.567262e-01
## 4080 -0.2825620218 -6.047402e-01
## 4081 -0.2840443471 -6.707312e-01
## 4082 -0.2875539301 -7.086292e-01
## 4083 -0.2878155029 -7.626768e-01
## 4084 -0.2920008384 -7.469211e-01
## 4085 -0.2932760744 -6.931267e-01
## 4086 -0.2916193556 -7.484263e-01
## 4087 -0.2922406257 -8.111396e-01
## 4088 -0.2952052425 -6.922123e-01
## 4089 -0.2980717697 -8.237300e-01
## 4090 -0.3033797343 -7.046621e-01
## 4091 -0.3051781160 -6.819993e-01
## 4092 -0.3043606668 -6.742762e-01
## 4093 -0.3027039818 -7.996323e-01
## 4094 -0.3054505991 -7.674176e-01
## 4095 -0.2998265443 -8.226609e-01
## 4096 -0.2995213644 -7.467945e-01
## 4097 -0.3036631276 -7.819916e-01
## 4098 -0.3094179677 -6.744731e-01
## 4099 -0.3087095183 -8.178076e-01
## 4100 -0.3060936547 -8.024317e-01
## 4101 -0.3093634515 -8.068912e-01
## 4102 -0.3008402064 -6.151643e-01
## 4103 -0.2955649049 -6.797344e-01
## 4104 -0.2950635458 -7.672347e-01
## 4105 -0.2931452880 -7.003575e-01
## 4106 -0.2889490423 -7.915716e-01
## 4107 -0.2882405928 -7.726085e-01
## 4108 -0.2890253114 -7.776447e-01
## 4109 -0.2898754912 -7.968328e-01
## 4110 -0.2908999970 -8.327896e-01
## 4111 -0.2929272873 -7.683882e-01
## 4112 -0.2840879205 -6.997244e-01
## 4113 -0.2755210682 -6.082993e-01
## 4114 -0.2754883714 -6.920717e-01
## 4115 -0.2708234635 -2.768814e-01
## 4116 -0.2761096415 -7.576265e-01
## 4117 -0.2732322040 -7.367081e-01
## 4118 -0.2748453157 -7.402249e-01
```

```
## 4119 -0.2688833852 -7.428556e-01
## 4120 -0.2711831259 -7.896162e-01
## 4121 -0.2748561921 -7.943851e-01
## 4122 -0.2657988584 -6.856709e-01
## 4123 -0.2662784308 -7.108519e-01
## 4124 -0.2725455412 -6.465068e-01
## 4125 -0.2678806323 -7.674598e-01
## 4126 -0.2777009327 -7.297305e-01
## 4127 -0.2851124590 -5.773788e-01
## 4128 -0.2905621202 -5.659559e-01
## 4129 -0.2829979882 -6.633457e-01
## 4130 -0.2767635736 -7.184906e-01
## 4131 -0.2769706640 -7.500019e-01
## 4132 -0.2816573923 -7.047043e-01
## 4133 -0.2771995737 -7.174214e-01
## 4134 -0.2768943938 -6.502206e-01
## 4135 -0.2571012198 -1.829804e-01
## 4136 -0.2598151413 -6.679598e-01
## 4137 -0.2531665469 -4.691570e-01
## 4138 -0.2594663542 -6.263339e-01
## 4139 -0.2535262442 -1.949519e-01
## 4140 -0.2195421305 6.704990e-01
## 4141 -0.2252424882 -5.113175e-01
## 4142 -0.2202941870 -7.153535e-01
## 4143 -0.2220599045 -3.894361e-01
## 4144 -0.2188445913 -6.757673e-01
## 4145 -0.2243269494 -5.541954e-01
## 4146 -0.2246103427 -7.501004e-01
## 4147 -0.2244468256 -7.404360e-01
## 4148 -0.2274005660 -7.017220e-01
## 4149 -0.2411555055 -4.254350e-01
## 4150 -0.2337984629 -6.490249e-01
## 4151 -0.2293624310 -7.046199e-01
## 4152 -0.2346486089 -6.931689e-01
## 4153 -0.2273569600 -6.326502e-01
## 4154 -0.2151715251 -4.376034e-01
## 4155 -0.2132423243 -3.909272e-01
## 4156 -0.2165012435 -6.377005e-01
## 4157 -0.2178527497 -7.548271e-01
## 4158 -0.2204358837 -7.735792e-01
## 4159 -0.2135148074 -7.464147e-01
## 4160 -0.2098199534 -6.056124e-01
## 4161 -0.2051005282 -6.046558e-01
## 4162 -0.1999451705 -6.395293e-01
## 4163 -0.1941249367 -7.034945e-01
## 4164 -0.1865935005 -6.843204e-01
## 4165 -0.1880322187 -3.596409e-01
## 4166 -0.1963592836 -5.018781e-01
## 4167 -0.1949423858 -6.914527e-01
## 4168 -0.1965445873 -7.545879e-01
```

```
## 4169 -0.1938633300 -7.435871e-01
## 4170 -0.1961085872 -6.342680e-01
## 4171 -0.1929587004 -6.377849e-01
## 4172 -0.1990514184 -6.779478e-01
## 4173 -0.2000759569 -7.240332e-01
## 4174 -0.1968170704 -5.972422e-01
## 4175 -0.1916616789 -7.060267e-01
## 4176 -0.1931003971 -6.930564e-01
## 4177 -0.1840430634 -5.319546e-01
## 4178 -0.1848822992 -6.813381e-01
## 4179 -0.1772418632 -3.146388e-01
## 4180 -0.1764571109 -6.486591e-01
## 4181 -0.1805116600 -8.285974e-01
## 4182 -0.1748549083 -7.599336e-01
## 4183 -0.1817324114 -7.432776e-01
## 4184 -0.1868659835 -6.729116e-01
## 4185 -0.1809585355 -7.419271e-01
## 4186 -0.1818522886 -7.220496e-01
## 4187 -0.1835198839 -7.118647e-01
## 4188 -0.1865825902 -5.767598e-01
## 4189 -0.1817868949 -7.532515e-01
## 4190 -0.1775470432 -6.969109e-01
## 4191 -0.1785388848 -7.269452e-01
## 4192 -0.1821901644 -6.458456e-01
## 4193 -0.1894709042 -6.225779e-01
## 4194 -0.1823209508 -6.935910e-01
## 4195 -0.1841411529 -6.460144e-01
## 4196 -0.1842174558 -6.568605e-01
## 4197 -0.1800648172 -3.890281e-01
## 4198 -0.1719557180 -5.835826e-01
## 4199 -0.1746914250 -7.329239e-01
## 4200 -0.1797814239 -5.971859e-01
## 4201 -0.1931548806 -3.955976e-01
## 4202 -0.1945935988 -4.689741e-01
## 4203 -0.1857106575 -6.156004e-01
## 4204 -0.1968606437 -5.469788e-01
## 4205 -0.1763590203 4.506370e-01
## 4206 -0.2246648263 1.249801e+00
## 4207 -0.2383325854 4.234725e-01
## 4208 -0.2363706877 -3.457281e-01
## 4209 -0.2380055861 -3.988332e-01
## 4210 -0.2291335550 -5.535342e-01
## 4211 -0.2220599045 -4.135901e-01
## 4212 -0.2222887816 -5.374972e-01
## 4213 -0.2212860287 -5.695150e-01
## 4214 -0.2349537889 -9.605690e-02
## 4215 -0.2262888144 -4.354651e-01
## 4216 -0.2261253311 -5.275796e-01
## 4217 -0.2301580935 -3.196890e-01
## 4218 -0.2369919567 -4.364358e-01
```

```
## 4219 -0.2343543392 -5.314341e-01
## 4220 -0.2376677093 -4.305415e-01
## 4221 -0.2321962614 -5.100655e-01
## 4222 -0.2250680957 -4.971655e-01
## 4223 -0.2234550167 -5.132447e-01
## 4224 -0.2230953206 -5.860022e-01
## 4225 -0.2209481529 -4.766831e-01
## 4226 -0.2234768034 -6.291334e-01
## 4227 -0.2189862880 -6.423428e-01
## 4228 -0.2097545607 -4.814239e-01
## 4229 -0.2099834367 -6.110847e-01
## 4230 -0.2100924365 -7.020737e-01
## 4231 -0.2117600317 -7.265513e-01
## 4232 -0.2136238071 -7.068145e-01
## 4233 -0.2116401217 -7.109644e-01
## 4234 -0.2106918861 -6.211186e-02
## 4235 -0.2082613590 -4.035036e-01
## 4236 -0.2068444264 -6.988100e-01
## 4237 -0.2027790009 -6.734181e-01
## 4238 -0.2088172016 -6.504598e-01
## 4239 -0.2134603238 -6.628674e-01
## 4240 -0.2225612647 -2.611539e-01
## 4241 -0.2321199585 -3.372032e-01
## 4242 -0.2290027686 -3.973842e-01
## 4243 -0.2413189888 -4.431038e-01
## 4244 -0.2467032574 -2.115938e-01
## 4245 -0.2468994365 -4.619403e-01
## 4246 -0.2489921217 -4.182324e-01
## 4247 -0.2417767756 -5.163396e-01
## 4248 -0.2428994048 -3.931921e-01
## 4249 -0.2519894354 -1.225602e-01
## 4250 -0.2635645104 7.405273e-01
## 4251 -0.2692757445 -2.716802e-02
## 4252 -0.2591284785 -9.747773e-02
## 4253 -0.2539622095 -3.114454e-01
## 4254 -0.2699842277 -1.609084e-01
## 4255 -0.2758480348 2.387943e-03
## 4256 -0.2712921257 -4.187951e-01
## 4257 -0.2711068557 -2.633344e-01
## 4258 -0.2628233641 -4.200049e-01
## 4259 -0.2614827354 -4.179932e-01
## 4260 -0.2549867490 -6.008435e-01
## 4261 -0.2566761310 -5.006543e-01
## 4262 -0.2618424316 -5.157065e-01
## 4263 -0.2481419756 2.846115e-01
## 4264 -0.2844585258 1.253375e+00
## 4265 -0.2923605346 1.014170e+00
## 4266 -0.2882187724 -1.070859e-01
## 4267 -0.2841315265 -4.476195e-01
## 4268 -0.2800333703 -4.138574e-01
```

```
## 4269 -0.2799025839 -4.607727e-01
## 4270 -0.2776791461 -6.682975e-01
## 4271 -0.2914885691 -3.641004e-01
## 4272 -0.2965785680 -3.591805e-02
## 4273 -0.3013633531 -4.814380e-01
## 4274 -0.2970908372 -4.512208e-01
## 4275 -0.2855157622 -4.981221e-01
## 4276 -0.2835756501 -5.290285e-01
## 4277 -0.2912269963 -5.552786e-01
## 4278 -0.2938755240 -4.185700e-01
## 4279 -0.2911397832 -5.111768e-01
## 4280 -0.2921643217 -7.014547e-01
## 4281 -0.2873359305 -4.466207e-01
## 4282 -0.2831723806 -5.432508e-01
## 4283 -0.2832813804 -6.602930e-01
## 4284 -0.2752921923 -5.933173e-01
## 4285 -0.2768398775 -3.388069e-01
## 4286 -0.2775592361 -6.393042e-01
## 4287 -0.2736136868 -6.900178e-01
## 4288 -0.2749543155 -4.234796e-01
## 4289 -0.2789979554 -7.128213e-01
## 4290 -0.2807963371 -6.880905e-01
## 4291 -0.2812432125 -7.263684e-01
## 4292 -0.2629432414 7.402000e-02
## 4293 -0.2562946481 -2.850828e-01
## 4294 -0.2586598153 -5.709077e-01
## 4295 -0.2533082436 -5.074348e-01
## 4296 -0.2502673239 -3.986362e-01
## 4297 -0.2603928032 -4.212147e-01
## 4298 -0.2600004439 -6.338460e-01
## 4299 -0.2585290289 -6.781588e-01
## 4300 -0.2607088933 -6.114364e-01
## 4301 -0.2511610760 -1.222507e-01
## 4302 -0.2592047814 -2.743071e-01
## 4303 -0.2622565786 -1.711355e-01
## 4304 -0.2589432086 -6.563541e-01
## 4305 -0.2623001846 -6.532874e-01
## 4306 -0.2587252090 -6.953213e-01
## 4307 -0.2606325905 -6.430321e-01
## 4308 -0.2618533091 -6.828855e-01
## 4309 -0.2616244321 -6.469992e-01
## 4310 -0.2533300302 -5.763378e-01
## 4311 -0.2528286712 -6.455924e-01
## 4312 -0.2477714030 -7.492704e-01
## 4313 -0.2520657382 -7.233017e-01
## 4314 -0.2626816674 -4.218759e-01
## 4315 -0.2559676815 -5.773928e-01
## 4316 -0.2582020296 -6.478854e-01
## 4317 -0.2382780691 1.449346e-01
## 4318 -0.2283378925 -2.336096e-01
```

```
## 4319 -0.2292970383 -4.360419e-01
## 4320 -0.2277057460 -5.299148e-01
## 4321 -0.2314659926 -5.112893e-01
## 4322 -0.2246975221 -5.434478e-01
## 4323 -0.2234985900 -7.022706e-01
## 4324 -0.2223214785 -6.163881e-01
## 4325 -0.2252642748 -6.447484e-01
## 4326 -0.2247520394 -2.557838e-02
## 4327 -0.2624636679 1.487783e+00
## 4328 -0.2663874306 -1.882980e-01
## 4329 -0.2668343071 -6.171056e-01
## 4330 -0.2640985663 -4.644443e-01
## 4331 -0.2744747431 -2.923980e-01
## 4332 -0.2809380326 2.405200e-02
## 4333 -0.2737553835 -4.318216e-01
## 4334 -0.2752049792 -6.215650e-01
## 4335 -0.2734937768 -6.996681e-01
## 4336 -0.2761532148 -6.098186e-01
## 4337 -0.2703221034 -6.421318e-01
## 4338 -0.2686545082 -6.755141e-01
## 4339 -0.2675754534 -7.532797e-01
## 4340 -0.2599895337 -3.279748e-01
## 4341 -0.2524363119 -5.416190e-01
## 4342 -0.2519785251 -4.746152e-01
## 4343 -0.2509975927 -6.731508e-01
## 4344 -0.2503436268 -7.816961e-01
## 4345 -0.2496351773 -7.680928e-01
## 4346 -0.2527632774 -7.455003e-01
## 4347 -0.2542019967 -7.117241e-01
## 4348 -0.2515534690 -7.473853e-01
## 4349 -0.2430411003 -5.086587e-01
## 4350 -0.2415696852 -6.061610e-01
## 4351 -0.2450138755 -7.058860e-01
## 4352 -0.2460819873 -7.499456e-01
## 4353 -0.2424416180 -6.955745e-01
## 4354 -0.2461255944 -7.423210e-01
## 4355 -0.2385505522 -4.649226e-01
## 4356 -0.2380818890 -7.263825e-01
## 4357 -0.2424852251 -6.070473e-01
## 4358 -0.2562074677 -3.690943e-01
## 4359 -0.2544853889 -4.885843e-01
## 4360 -0.2553682319 -6.401201e-01
## 4361 -0.2546379631 -5.403670e-01
## 4362 -0.2625944543 -4.600271e-01
## 4363 -0.2583764220 -5.641975e-01
## 4364 -0.2624745781 -4.409515e-01
## 4365 -0.2613846459 -6.602790e-01
## 4366 -0.2544962665 -5.406521e-02
## 4367 -0.2619296120 -5.853269e-01
## 4368 -0.2628778476 -6.918325e-01
```

```
## 4369 -0.2578859732 -6.510928e-01
## 4370 -0.2647307455 -6.107752e-01
## 4371 -0.2633356344 -5.110080e-01
## 4372 -0.2648506228 -7.520417e-01
## 4373 -0.2641748703 -6.519369e-01
## 4374 -0.2696027449 -5.882249e-01
## 4375 -0.2685672950 -5.228388e-01
## 4376 -0.2638479037 -5.954978e-01
## 4377 -0.2644364431 -7.005966e-01
## 4378 -0.2701258905 -6.900319e-01
## 4379 -0.2638914770 -5.370611e-01
## 4380 -0.2718806989 -5.180558e-01
## 4381 -0.2762186074 -5.048323e-01
## 4382 -0.2816028760 -4.088915e-01
## 4383 -0.2795756173 -5.464864e-01
## 4384 -0.2821260555 -2.710293e-01
## 4385 -0.2855157622 -3.572073e-01
## 4386 -0.2846655824 -4.030957e-01
## 4387 -0.2818644826 -5.677706e-01
## 4388 -0.2719243049 -5.220792e-01
## 4389 -0.2744965298 -5.830480e-01
## 4390 -0.2742676527 2.486689e-01
## 4391 -0.3027366776 1.762747e+00
## 4392 -0.2995649715 -1.856814e-01
## 4393 -0.2934395577 -2.388568e-01
## 4394 -0.2950417592 -3.360215e-01
## 4395 -0.2896465815 -4.523181e-01
## 4396 -0.2826819318 -3.826133e-01
## 4397 -0.2823985386 -5.666452e-01
## 4398 -0.2855702447 -5.406343e-01
## 4399 -0.2924259283 -3.651976e-01
## 4400 -0.2922951081 -4.941128e-01
## 4401 -0.2887855590 -6.503613e-01
## 4402 -0.2830634147 -6.276141e-01
## 4403 -0.2755428549 -4.877121e-01
## 4404 -0.2760878210 -7.156911e-01
## 4405 -0.2706708567 -5.041993e-01
## 4406 -0.2583110293 2.261045e-01
## 4407 -0.2635100269 -3.496670e-01
## 4408 -0.2614609488 -5.234578e-01
## 4409 -0.2597061404 -5.611448e-01
## 4410 -0.2553464114 -5.393260e-01
## 4411 -0.2530684574 -3.944441e-01
## 4412 -0.2497877504 -6.353372e-01
## 4413 -0.2504417163 -6.619530e-01
## 4414 -0.2520439189 -7.437418e-01
## 4415 -0.2465179537 -5.934721e-01
## 4416 -0.2602947136 -3.271589e-01
## 4417 -0.2599568368 -6.302588e-01
## 4418 -0.2706490700 -2.236075e-01
```

```
## 4419 -0.2701804068 -5.599209e-01
## 4420 -0.2748671024 -5.634519e-01
## 4421 -0.2813957856 -5.108392e-01
## 4422 -0.2750087990 -4.531199e-01
## 4423 -0.2822677521 -5.661669e-01
## 4424 -0.2806110671 -5.637754e-01
## 4425 -0.2806546404 -5.791654e-01
## 4426 -0.2820170557 -4.823664e-01
## 4427 -0.2940172196 -1.082113e-01
## 4428 -0.2898536708 -3.991005e-01
## 4429 -0.2911070863 6.577641e-02
## 4430 -0.2887419519 2.023725e-01
## 4431 -0.2815047854 -4.595488e-01
## 4432 -0.2817772685 -6.410345e-01
## 4433 -0.2853304585 -8.098313e-01
## 4434 -0.2787254723 -6.156988e-01
## 4435 -0.2755101580 -5.994930e-01
## 4436 -0.2774066630 -7.283519e-01
## 4437 -0.2773521468 -7.346823e-01
## 4438 -0.2793467413 -6.312576e-01
## 4439 -0.2862459983 -6.325236e-01
## 4440 -0.2937665232 -5.277484e-01
## 4441 -0.2903550309 -6.513601e-01
## 4442 -0.2881315931 -5.883233e-01
## 4443 -0.2919790517 -6.580985e-01
## 4444 -0.2979954658 -5.414783e-01
## 4445 -0.2943660066 -4.408952e-01
## 4446 -0.2959682081 -2.436257e-01
## 4447 -0.3028565549 -4.011121e-01
## 4448 -0.2987257356 -5.334880e-01
## 4449 -0.3001426345 -5.901943e-01
## 4450 -0.2916302658 3.931287e-01
## 4451 -0.2773848437 -2.683987e-01
## 4452 -0.2751286752 -3.902520e-01
## 4453 -0.2781042022 -5.768864e-01
## 4454 -0.2812759094 -6.119709e-01
## 4455 -0.2843713127 -5.917840e-01
## 4456 -0.2757935513 1.949870e-01
## 4457 -0.2291989477 2.333187e+00
## 4458 -0.2183650190 4.165934e-01
## 4459 -0.2193677708 -1.488244e-01
## 4460 -0.2180598390 -4.361826e-01
## 4461 -0.2080978419 -3.225017e-03
## 4462 -0.2076727858 -4.752201e-01
## 4463 -0.2117273348 -6.395012e-01
## 4464 -0.2090678980 -7.010327e-01
## 4465 -0.2067354266 -6.307933e-01
## 4466 -0.2045228663 -6.301462e-01
## 4467 -0.1994438104 -5.339241e-01
## 4468 -0.2064193702 -5.060562e-01
```

```
## 4469 -0.2086646285 -6.499112e-01
## 4470 -0.2025283045 -6.072583e-01
## 4471 -0.1974492158 -5.644647e-01
## 4472 -0.2012857654 -7.165352e-01
## 4473 -0.2029751811 -7.525763e-01
## 4474 -0.1955854415 -5.762112e-01
## 4475 -0.1962067105 -6.447765e-01
## 4476 -0.2012639787 -6.665531e-01
## 4477 -0.1952693513 -7.218527e-01
## 4478 -0.1964138009 -7.489609e-01
## 4479 -0.1984737554 -7.049857e-01
## 4480 -0.1929042169 -6.438762e-01
## 4481 -0.2013402827 -6.532311e-01
## 4482 -0.2030078768 -6.976283e-01
## 4483 -0.2128717506 -5.837373e-01
## 4484 -0.2162941542 -6.717862e-01
## 4485 -0.2077163929 -6.274875e-01
## 4486 -0.2117055482 -6.553834e-01
## 4487 -0.2086864151 -6.916215e-01
## 4488 -0.2102450106 -7.362298e-01
## 4489 -0.2067354266 -6.494188e-01
## 4490 -0.2088063251 -7.532937e-01
## 4491 -0.2030841808 -4.933391e-01
## 4492 -0.2067681573 -7.077711e-01
## 4493 -0.2078798762 -7.093326e-01
## 4494 -0.2112913696 -5.403389e-01
## 4495 -0.2152260086 -6.106064e-01
## 4496 -0.2117273348 -6.556507e-01
## 4497 -0.2073349101 -7.666298e-01
## 4498 -0.2100488305 -6.702388e-01
## 4499 -0.2120543014 -6.769912e-01
## 4500 -0.2098853472 -7.589770e-01
## 4501 -0.2046645619 -5.936268e-01
## 4502 -0.2075310891 -7.477792e-01
## 4503 -0.2001304405 -6.519088e-01
## 4504 -0.1975800023 -6.862477e-01
## 4505 -0.1985500583 -6.607573e-01
## 4506 -0.1988661485 -7.562760e-01
## 4507 -0.1958688348 -6.593364e-01
## 4508 -0.1976780929 -7.508319e-01
## 4509 -0.1948551716 -7.301244e-01
## 4510 -0.2062776736 -4.826337e-01
## 4511 -0.1910731057 -3.171428e-01
## 4512 -0.1892529373 -3.695586e-01
## 4513 -0.1907570493 -5.339803e-01
## 4514 -0.1905499600 9.980586e-02
## 4515 -0.1304837763 1.393586e+00
## 4516 -0.1376119419 -2.587905e-01
## 4517 -0.1476938152 -4.403184e-01
## 4518 -0.1476284226 -5.133010e-01
```

```
## 4519 -0.1559010040 -5.096153e-01
## 4520 -0.1547129822 -5.211648e-01
## 4521 -0.1545276785 -7.033961e-01
## 4522 -0.1565440607 -6.209601e-01
## 4523 -0.1588220148 -6.637114e-01
## 4524 -0.1503423430 -6.336631e-01
## 4525 -0.1429199076 -6.135887e-01
## 4526 -0.1438354464 -6.860507e-01
## 4527 -0.1458300409 -7.487780e-01
## 4528 -0.1503532532 -7.419553e-01
## 4529 -0.1444567154 -7.571201e-01
## 4530 -0.1513014888 -4.262790e-01
## 4531 -0.1521298482 -6.865431e-01
## 4532 -0.1559773080 -6.761331e-01
## 4533 -0.1536339602 -7.138342e-01
## 4534 -0.1451651648 -4.430054e-01
## 4535 -0.1495248938 -7.385368e-01
## 4536 -0.1518791518 -7.070818e-01
## 4537 -0.1453940419 -7.089246e-01
## 4538 -0.1506802198 -7.537579e-01
## 4539 -0.1477809957 -5.984942e-01
## 4540 -0.1459390080 -7.058016e-01
## 4541 -0.1458627378 -7.880125e-01
## 4542 -0.1397591107 -6.390369e-01
## 4543 -0.1460916137 -6.695776e-01
## 4544 -0.1502660401 -7.543910e-01
## 4545 -0.1540263194 -7.171682e-01
## 4546 -0.1518682416 -7.008217e-01
## 4547 -0.1461025240 -7.171963e-01
## 4548 -0.1437046599 -6.116614e-01
## 4549 -0.1470289402 -7.337820e-01
## 4550 -0.1538410168 -7.342603e-01
## 4551 -0.1499281633 -6.997385e-01
## 4552 -0.1493287136 -7.152831e-01
## 4553 -0.1367072797 -5.475274e-01
## 4554 -0.1415792790 -3.904348e-01
## 4555 -0.1400860762 -7.662500e-01
## 4556 -0.1295137541 -5.662935e-01
## 4557 -0.1351268986 -6.541033e-01
## 4558 -0.1359334376 -7.080243e-01
## 4559 -0.1381133021 -6.535828e-01
## 4560 -0.1470943667 -6.354778e-01
## 4561 -0.1424839413 -6.574654e-01
## 4562 -0.1388871441 -7.432495e-01
## 4563 -0.1385383920 -8.338024e-01
## 4564 -0.1403585592 -7.550522e-01
## 4565 -0.1396174140 -5.368642e-01
## 4566 -0.1472687264 -6.875419e-01
## 4567 -0.1421569409 -7.032554e-01
## 4568 -0.1322167642 -6.850238e-01
```

```
## 4569 -0.1190721846 -4.661606e-01
## 4570 -0.1081728621 -3.565179e-01
## 4571 -0.1129467708 -6.025316e-01
## 4572 -0.0973716292 -4.466348e-01
## 4573 -0.0891644404 -3.289455e-01
## 4574 -0.0836166896 -3.542249e-01
## 4575 -0.0837256894 -5.751842e-01
## 4576 -0.0834314197 -5.845954e-01
## 4577 -0.0900691027 2.959640e-01
## 4578 -0.0385807142 2.059334e+00
## 4579 -0.0364117599 3.101545e-02
## 4580 -0.0422755344 -2.809892e-01
## 4581 -0.0390384672 -4.948865e-01
## 4582 -0.0305805821 -4.962230e-01
## 4583 -0.0312454255 -5.971578e-01
## 4584 -0.0324661442 -5.987615e-01
## 4585 -0.0358776375 -6.099593e-01
## 4586 -0.0303080990 -6.163178e-01
## 4587 -0.0385370744 -4.853347e-01
## 4588 -0.0459922404 -4.644162e-01
## 4589 -0.0444881285 -6.547926e-01
## 4590 -0.0407169389 -6.462536e-01
## 4591 -0.0424063873 -4.653869e-01
## 4592 -0.0383191414 -6.155019e-01
## 4593 -0.0362918162 -7.421663e-01
## 4594 -0.0322591202 -6.596037e-01
## 4595 -0.0324770533 -7.314046e-01
## 4596 -0.0347659513 -6.958558e-01
## 4597 -0.0534473399 -4.026877e-01
## 4598 -0.0766738267 -7.934463e-02
## 4599 -0.1105707261 3.977007e-01
## 4600 -0.1073009294 -2.238467e-01
## 4601 -0.0698072666 -1.282857e-01
## 4602 -0.0506244525 -1.626246e-01
## 4603 -0.0510168117 -6.363922e-01
## 4604 -0.0565972594 -6.004355e-01
## 4605 -0.0744176582 -4.791449e-01
## 4606 -0.0591477303 -5.012873e-01
## 4607 -0.0655020211 -5.796999e-01
## 4608 -0.0717364347 -6.440168e-01
## 4609 -0.0515291148 -4.867133e-01
## 4610 -0.0522375304 -4.079349e-01
## 4611 -0.0464064201 -6.604056e-01
## 4612 -0.0385588949 -5.686991e-01
## 4613 -0.0473437455 -5.824431e-01
## 4614 -0.0462647235 -6.196237e-01
## 4615 -0.0407932418 -7.058719e-01
## 4616 -0.0282808414 -4.362389e-01
## 4617 -0.0267658192 -1.562098e-01
## 4618 -0.0179046646 -5.609056e-01
```

```
## 4619 -0.0287930779 -4.823523e-01
## 4620 -0.0313326386 -7.080102e-01
## 4621 -0.0338612890 -5.302806e-01
## 4622 -0.0442156454 -4.557224e-01
## 4623 -0.0662213797 -2.582841e-01
## 4624 -0.0749299285 -3.957243e-01
## 4625 -0.0576871916 -4.594222e-01
## 4626 -0.0480631378 -4.926498e-01
## 4627 -0.0351801310 -3.759875e-01
## 4628 -0.0230382694 -5.456986e-01
## 4629 -0.0297958636 -3.893516e-01
## 4630 -0.0249347417 -4.865163e-01
## 4631 -0.0345043785 -3.649303e-01
## 4632 -0.0272672120 -5.251600e-01
## 4633 -0.0159428007 -6.322564e-01
## 4634 -0.0173487893 -6.094810e-01
## 4635 -0.0217848212 -5.188718e-01
## 4636 -0.0025911307 -3.282703e-01
## 4637 0.0064771144 -4.156580e-01
## 4638 0.0090820677 -4.072737e-01
## 4639 -0.0042914217 -4.113815e-01
## 4640 -0.0098609591 -5.524229e-01
## 4641 -0.0009889619 7.158631e-02
## 4642 0.0372895197 4.814168e-01
## 4643 0.0477310227 -4.221431e-01
## 4644 0.0503468874 -4.900332e-01
## 4645 0.0569845377 -4.704652e-01
## 4646 0.0672844105 -4.747137e-01
## 4647 0.0665759938 -4.777522e-01
## 4648 0.0692462755 -6.265731e-01
## 4649 0.0659329054 -5.660262e-01
## 4650 0.0829794611 -3.418455e-01
## 4651 0.0990014782 -3.582623e-01
## 4652 0.1030559945 -4.471131e-01
## 4653 0.0988270520 -4.532184e-01
## 4654 0.1033938714 -5.318983e-01
## 4655 0.1181842596 -2.649240e-01
## 4656 0.1098462517 -4.200330e-01
## 4657 0.0845053270 -1.420016e-01
## 4658 0.0904563810 2.326422e-02
## 4659 0.0855407757 -4.150390e-01
## 4660 0.1076009935 -3.939939e-01
## 4661 0.1051268931 -3.608789e-01
## 4662 0.1129525979 -4.746996e-01
## 4663 0.1244404598 -4.059092e-01
## 4664 0.1158954280 -3.836402e-01
## 4665 0.1204622474 -6.432572e-01
## 4666 0.1181951698 -7.461052e-01
## 4667 0.1089743190 -2.218913e-01
## 4668 0.1245167638 -3.544078e-01
```

```
## 4669  0.1211924835 -4.216086e-01
## 4670  0.1105547339 -3.103060e-01
## 4671  0.1175194173 -3.848500e-01
## 4672  0.1144567098 -4.976719e-01
## 4673  0.1226312017 -5.090526e-01
## 4674  0.1089634088 -2.971528e-01
## 4675  0.1062713078 -5.366813e-01
## 4676  0.0821075283 -2.526711e-01
## 4677  0.1014646695 -4.137026e-01
## 4678  0.1022603658 -3.540983e-01
## 4679  0.1209309107 -4.650774e-01
## 4680  0.1153504619 -5.048745e-01
## 4681  0.1082549932 -6.038155e-02
## 4682  0.1086582627 -5.654635e-01
## 4683  0.1071759701 -6.474915e-01
## 4684  0.1077754197 -6.397403e-01
## 4685  0.1067835443 -8.692808e-01
## 4686  0.1203096406 -4.905256e-01
## 4687  0.1407676242 -2.160111e-01
## 4688  0.1354269954 -5.277484e-01
## 4689  0.1210616971 -4.953086e-01
## 4690  0.0786633054  2.875376e-01
## 4691  0.0751755091 -2.036879e-01
## 4692  0.0739330365 -2.730973e-01
## 4693  0.0470007866 -2.751971e-02
## 4694  0.0460307317 -2.472551e-01
## 4695  0.0576821096 -3.346569e-01
## 4696  0.0578456267 -3.582201e-01
## 4697  0.0185208526  5.411439e-02
## 4698  0.0307171967 -4.575503e-03
## 4699  0.0058449351  7.230376e-02
## 4700  0.0105316296 -3.465300e-01
## 4701  0.0075779568  9.789267e-02
## 4702  0.0111202366 -3.261320e-01
## 4703  0.0344011731 -3.025125e-01
## 4704  0.0345646891 -4.043617e-01
## 4705  0.0397091377 -4.930437e-01
## 4706  0.0201993243 -2.978984e-01
## 4707  0.0768758012  9.488118e-01
## 4708  0.0241776032  1.041995e+00
## 4709  0.0108913269 -1.287781e-01
## 4710  -0.0138610584 -1.348412e-01
## 4711  -0.0367822998  3.908217e-01
## 4712  -0.0311255482 -1.507235e-01
## 4713  -0.0683249413  3.430201e-01
## 4714  -0.0836166896  3.594228e-01
## 4715  -0.0901889800 -2.709768e-02
## 4716  -0.0810226454 -6.813278e-02
## 4717  -0.0664829536  1.784820e-02
## 4718  -0.0629297963 -2.652757e-01
```

```
## 4719 -0.0476489581 -3.027376e-01
## 4720 -0.0334798389 -3.441666e-01
## 4721 -0.0433981962 -3.566868e-01
## 4722 -0.0326078408 -3.229668e-01
## 4723 -0.0057955336 -2.397008e-01
## 4724 -0.0129454870 -4.529371e-01
## 4725 -0.0117465877 -1.461374e-01
## 4726 -0.0105367128 -3.861583e-01
## 4727 -0.0104495661 -3.367108e-01
## 4728 -0.0134032389 -4.396291e-01
## 4729 0.0155017185 -3.139917e-01
## 4730 0.0167769872 -3.781820e-01
## 4731 0.0138123366 -6.371519e-01
## 4732 0.0112510231 -5.421676e-01
## 4733 -0.0021987703 -3.296911e-01
## 4734 -0.0049671742 -3.573901e-01
## 4735 -0.0058282632 -4.070064e-01
## 4736 -0.0064168027 -4.713515e-01
## 4737 0.0052236650 -4.922559e-01
## 4738 0.0093218212 -5.368642e-01
## 4739 0.0133001011 -4.774146e-01
## 4740 0.0103027875 -5.251178e-01
## 4741 -0.0058609274 -1.888466e-01
## 4742 -0.0138828124 3.710295e-03
## 4743 -0.0118119815 -2.975045e-01
## 4744 -0.0047274218 -4.599990e-01
## 4745 0.0052454855 -4.623764e-01
## 4746 0.0197633907 -2.933124e-01
## 4747 0.0164063808 -5.836670e-01
## 4748 0.0316545221 -4.048541e-01
## 4749 0.0369189133 -4.754874e-01
## 4750 0.0314147697 -6.455221e-01
## 4751 0.0367118240 -6.123789e-01
## 4752 0.0309242860 -6.752046e-01
## 4753 0.0232402778 -6.979800e-01
## 4754 0.0406138000 -6.218745e-01
## 4755 0.0290059954 -5.741714e-01
## 4756 0.0324610621 -6.581688e-01
## 4757 0.0339106905 -6.423569e-01
## 4758 0.0418017891 -6.512476e-01
## 4759 0.0544995260 -4.279671e-01
## 4760 0.0609628166 -5.287191e-01
## 4761 0.0665650847 -6.165570e-01
## 4762 0.0768758012 -4.093135e-01
## 4763 0.0687558583 -4.522196e-01
## 4764 0.0743035764 -6.557070e-01
## 4765 0.0721346221 -6.575498e-01
## 4766 0.0606903335 -3.076050e-01
## 4767 0.0669029604 -6.453673e-01
## 4768 0.0567447842 -6.680865e-01
```

```
## 4769 0.0455075849 -4.504049e-01
## 4770 0.0405265869  8.469729e-02
## 4771 0.1032958145  4.276787e-01
## 4772 0.1297375153  -9.735112e-02
## 4773 0.1160806980  -3.301835e-01
## 4774 0.1156229450  -3.706840e-01
## 4775 0.1027508484  -3.357120e-01
## 4776 0.1189472253  -4.086946e-01
## 4777 0.1252688192  -4.625874e-01
## 4778 0.1506860469  -1.638767e-01
## 4779 0.1617597291  9.520201e-03
## 4780 0.1668824248  -3.126271e-01
## 4781 0.1581520566  -3.526916e-01
## 4782 0.1589585956  -2.585092e-01
## 4783 0.1421845895  -3.023297e-01
## 4784 0.1445606331  -4.202440e-01
## 4785 0.1457268693  -5.971578e-01
## 4786 0.1503917445  -6.125477e-01
## 4787 0.1437976674  -6.577187e-01
## 4788 0.1519176758  -5.960042e-01
## 4789 0.1564408554  -5.631002e-01
## 4790 0.1635908076  -6.785949e-01
## 4791 0.1606807071  -7.063784e-01
## 4792 0.1721794792  -5.137793e-01
## 4793 0.1685282323  -5.637473e-01
## 4794 0.1781196230  -5.970171e-01
## 4795 0.1751767929  -5.490889e-01
## 4796 0.1764738144  -6.422865e-01
## 4797 0.1732149279  -6.383898e-01
## 4798 0.1763757587  -7.100078e-01
## 4799 0.1774766001  -7.174777e-01
## 4800 0.1668606044  -5.408734e-01
## 4801 0.1639505038  -5.512131e-01
## 4802 0.1683756266  -6.701263e-01
## 4803 0.1628823920  -6.416394e-01
## 4804 0.1664246718  -5.869729e-01
## 4805 0.1543046307  -1.931091e-01
## 4806 0.1626099089  -5.054935e-01
## 4807 0.1645826830  -7.220919e-01
## 4808 0.1588932029  -7.047887e-01
## 4809 0.1714056698  -6.253773e-01
## 4810 0.1462064417  5.092106e-02
## 4811 0.1379229163  -2.395039e-01
## 4812 0.1560049217  -4.548784e-01
## 4813 0.1643428642  -5.908977e-01
## 4814 0.1643646835  -6.211430e-01
## 4815 0.1753293998  -6.119569e-01
## 4816 0.1779670173  -6.807473e-01
## 4817 0.1883322828  -4.687771e-01
## 4818 0.1871987772  -6.083837e-01
```

```
## 4819  0.1972697414 -5.403811e-01
## 4820  0.2059565352 -5.732851e-01
## 4821  0.1998856049 -2.316683e-01
## 4822  0.1938037644 -4.400652e-01
## 4823  0.1922451690 -6.865009e-01
## 4824  0.1859671483 -5.836810e-01
## 4825  0.1866538111 -6.071035e-01
## 4826  0.1908827537 -7.109363e-01
## 4827  0.1971716180 -7.113302e-01
## 4828  0.1957656294 -6.968265e-01
## 4829  0.1962342916 -7.023691e-01
## 4830  0.1905121473 -6.458738e-01
## 4831  0.1861306654 -6.669188e-01
## 4832  0.1873077443 -6.129838e-01
## 4833  0.2046812665  4.882499e-02
## 4834  0.2114388606 -6.941293e-02
## 4835  0.2211719469 -5.194204e-01
## 4836  0.2133680614 -5.158894e-01
## 4837  0.2068938616 -5.189562e-01
## 4838  0.2135751518 -5.756907e-01
## 4839  0.2192536552 -6.423428e-01
## 4840  0.2198858355 -7.433620e-01
## 4841  0.2217932170 -7.588645e-01
## 4842  0.2220657000 -7.971001e-01
## 4843  0.2249867097 -7.386634e-01
## 4844  0.2264254290 -8.028678e-01
## 4845  0.2219893960 -7.247647e-01
## 4846  0.2171391845 -7.970579e-01
## 4847  0.2177822739 -7.567543e-01
## 4848  0.2175970040 -8.175684e-01
## 4849  0.2098039622 -6.931549e-01
## 4850  0.2121690956 -7.865495e-01
## 4851  0.2154062292 -8.083823e-01
## 4852  0.2097385685 -7.774337e-01
## 4853  0.2118857034 -7.944695e-01
## 4854  0.2225452724 -6.321579e-01
## 4855  0.2250411933 -7.134966e-01
## 4856  0.2209975871 -7.823432e-01
## 4857  0.2227196321 -7.929502e-01
## 4858  0.2243109572 -7.706531e-01
## 4859  0.2262946415 -7.158599e-01
## 4860  0.2442022207 -4.995007e-01
## 4861  0.2394174018 -6.817039e-01
## 4862  0.2389596499 -7.371442e-01
## 4863  0.2128884890 -4.238875e-01
## 4864  0.2252591928 -5.832168e-01
## 4865  0.2138367246 -5.842719e-01
## 4866  0.2139239377 -6.678614e-01
## 4867  0.2232973278 -5.959761e-01
## 4868  0.2329214492 -2.491824e-01
```

```
## 4869  0.2291938329 -6.996259e-01
## 4870  0.2347742806 -7.502692e-01
## 4871  0.2451504563 -6.403452e-01
## 4872  0.2614558667 -4.489841e-01
## 4873  0.2626002825 -6.917059e-01
## 4874  0.2554175996 -6.497986e-01
## 4875  0.2738919643 -4.854613e-01
## 4876  0.2876359947 -4.007042e-01
## 4877  0.2879956908 -3.303523e-01
## 4878  0.2969985421 -3.995084e-01
## 4879  0.2963772720 -6.331989e-01
## 4880  0.2934235981 -6.077507e-01
## 4881  0.3046825503 -5.347681e-01
## 4882  0.3017397201 -6.452126e-01
## 4883  0.2993091930 -6.814788e-01
## 4884  0.3017942701 -7.657576e-01
## 4885  0.2901210718 -5.180136e-01
## 4886  0.2934889919 -6.879217e-01
## 4887  0.2882464199 -5.879013e-01
## 4888  0.2813580405 -6.007872e-01
## 4889  0.2704478078 -5.499048e-01
## 4890  0.2755705024 -6.693385e-01
## 4891  0.2756140757 -7.286755e-01
## 4892  0.2675812805 -5.793764e-01
## 4893  0.2770309746 -6.298789e-01
## 4894  0.2978487209 -4.515162e-01
## 4895  0.2946769810 -5.658152e-01
## 4896  0.2809547710 -4.603507e-01
## 4897  0.2763443118  1.911428e-02
## 4898  0.2305235841  5.022931e-01
## 4899  0.2452376694 -2.612664e-01
## 4900  0.2404310312 -2.764453e-01
## 4901  0.2187959033 -3.156798e-01
## 4902  0.2203981375 -4.780195e-01
## 4903  0.2073407044 -3.022312e-01
## 4904  0.2399078855 -1.809265e-01
## 4905  0.2429815020 -5.427163e-01
## 4906  0.2256842827  1.818057e-01
## 4907  0.1935312814  7.704069e-01
## 4908  0.1898582152 -9.111919e-02
## 4909  0.1681249629  7.142782e-03
## 4910  0.1944686068 -7.240932e-02
## 4911  0.1980108866 -5.094887e-01
## 4912  0.2088121522 -5.036788e-01
## 4913  0.2129102419 -4.075551e-01
## 4914  0.2345345271 -3.736241e-01
## 4915  0.2403438845 -2.756154e-01
## 4916  0.2346653135 -5.247520e-01
## 4917  0.2349377966 -7.643508e-01
## 4918  0.2201147453 -3.983549e-01
```

```
## 4919  0.2154825332 -5.624531e-01
## 4920  0.2024578287 -3.720345e-01
## 4921  0.1949155160 -3.663934e-01
## 4922  0.1913078436 -5.217978e-01
## 4923  0.2120383092 -4.158127e-01
## 4924  0.2178803308 -4.889641e-01
## 4925  0.2240929577 -5.044103e-01
## 4926  0.2207251041 -5.740870e-01
## 4927  0.2221746660 -6.751906e-01
## 4928  0.2128666686 -6.058375e-01
## 4929  0.2283655400 -2.792729e-01
## 4930  0.2223490922 -2.554284e-01
## 4931  0.2138258144 -4.879512e-01
## 4932  0.2103053550 -3.407623e-01
## 4933  0.2192754756 -5.848346e-01
## 4934  0.2249648904 -6.424553e-01
## 4935  0.2242891378 -7.351606e-01
## 4936  0.2196460820 -6.649635e-01
## 4937  0.2133789716 -7.440232e-01
## 4938  0.2251611359 -6.515852e-01
## 4939  0.2259567658 -5.584157e-01
## 4940  0.2183490594 -5.784901e-01
## 4941  0.2016948630 -4.404732e-01
## 4942  0.2058365925 -5.274530e-01
## 4943  0.2096622656 -6.696198e-01
## 4944  0.2350250097 -2.026328e-01
## 4945  0.2519625329 -1.806733e-01
## 4946  0.2529761622 -5.380036e-01
## 4947  0.2518644760 -6.628815e-01
## 4948  0.2552650603 -6.017719e-01
## 4949  0.2711998643 -3.371469e-01
## 4950  0.2750146272 -4.893580e-01
## 4951  0.2669272819 -5.064360e-01
## 4952  0.2644858435 -6.916074e-01
## 4953  0.2661861356 -6.653573e-01
## 4954  0.2654123262 -5.478369e-01
## 4955  0.2758211661 -6.292459e-01
## 4956  0.2807912539 -6.047402e-01
## 4957  0.2961375196 -4.709717e-01
## 4958  0.2990040458 -5.182809e-01
## 4959  0.2953200704 -6.009419e-01
## 4960  0.2894453192 -4.956321e-01
## 4961  0.2819247595 -5.814584e-01
## 4962  0.2915924542 -4.811566e-01
## 4963  0.2998759785  1.125051e-02
## 4964  0.2674504941  5.061898e-01
## 4965  0.2646602708 -4.745308e-01
## 4966  0.2699573252 -5.351901e-01
## 4967  0.2778157607 -6.207350e-01
## 4968  0.2796141086 -6.732211e-01
```

```
## 4969  0.2862627356 -6.810005e-01
## 4970  0.2961484287 -4.358028e-01
## 4971  0.2959958230 -6.299633e-01
## 4972  0.3028732922 -6.051341e-01
## 4973  0.3044427979 -6.408938e-01
## 4974  0.3054564262 -5.849612e-01
## 4975  0.3178489504 -5.293380e-01
## 4976  0.3169442881 -6.546379e-01
## 4977  0.3132167383 -5.357669e-01
## 4978  0.3056416961 -5.039742e-01
## 4979  0.3093474930 -6.410486e-01
## 4980  0.3054236966 -6.297805e-01
## 4981  0.3141867944 -6.345072e-01
## 4982  0.3096417289 -7.228515e-01
## 4983  0.3106989981 -7.497206e-01
## 4984  0.3071348978 -6.555663e-01
## 4985  0.3064918760 -7.066035e-01
## 4986  0.3113747506 -7.011312e-01
## 4987  0.3140995813 -7.346542e-01
## 4988  0.3135110418 -6.800439e-01
## 4989  0.3158326030 -7.541378e-01
## 4990  0.3135873447 -7.230625e-01
## 4991  0.3140668517 -6.623469e-01
## 4992  0.3145573343 -7.636193e-01
## 4993  0.3133475258 -5.466833e-01
## 4994  0.3184265807 -7.016657e-01
## 4995  0.3034182583 -4.062187e-01
## 4996  0.3087153138 -6.487717e-01
## 4997  0.3079741675 -7.480465e-01
## 4998  0.3060449656 -7.219793e-01
## 4999  0.3073638076 -6.351121e-01
## 5000  0.3173693780 -5.949070e-01
## 5001  0.3373369444 -3.917431e-01
## 5002  0.3395386294 -6.341414e-01
## 5003  0.3506558849 -4.660480e-01
## 5004  0.3560728830 -5.413517e-01
## 5005  0.3727706527 -3.215600e-01
## 5006  0.3754409998  3.346320e-02
## 5007  0.3634517451 -1.303255e-01
## 5008  0.3597459493 -5.007527e-01
## 5009  0.3729994960 -5.748325e-01
## 5010  0.3678986207 -5.989725e-01
## 5011  0.3612173305 -6.772726e-01
## 5012  0.3486177170 -5.761971e-01
## 5013  0.3674953512 -6.211992e-01
## 5014  0.3694463724 -6.008716e-01
## 5015  0.3644544642 -6.190188e-01
## 5016  0.3675716552 -6.268685e-01
## 5017  0.3637242281 -6.822806e-01
## 5018  0.3734027655 -5.834700e-01
```

```
## 5019 0.3736316752 -5.472179e-01
## 5020 0.3754518435 -6.557773e-01
## 5021 0.3853593571 -2.764313e-01
## 5022 0.3925637929 1.324811e-02
## 5023 0.4178938075 -2.537825e-01
## 5024 0.4164878188 -4.813535e-01
## 5025 0.4100463487 -5.187873e-01
## 5026 0.4062315858 -6.825761e-01
## 5027 0.4025476094 -6.195533e-01
## 5028 0.4187766504 -5.422802e-01
## 5029 0.4228966259 -5.638880e-01
## 5030 0.4186785936 -7.278596e-01
## 5031 0.4172289651 -7.141296e-01
## 5032 0.4321937142 -5.127102e-01
## 5033 0.4285097378 -4.220165e-01
## 5034 0.4373382282 -5.830199e-01
## 5035 0.4141117753 -2.989253e-01
## 5036 0.4290765232 -4.686224e-01
## 5037 0.4305479721 -4.640082e-01
## 5038 0.4423518904 -6.510928e-01
## 5039 0.4433001260 -6.829699e-01
## 5040 0.4529024269 -6.786934e-01
## 5041 0.4671042757 -3.444480e-01
## 5042 0.4697201393 -5.347540e-01
## 5043 0.4707228584 -5.637473e-01
## 5044 0.4684557808 -4.723081e-01
## 5045 0.4699054092 -6.774555e-01
## 5046 0.4816548440 -4.949287e-01
## 5047 0.4866794829 -6.401623e-01
## 5048 0.4775894185 -5.520290e-01
## 5049 0.4852952471 -6.256587e-01
## 5050 0.4855132478 -6.334099e-01
## 5051 0.4506789891 5.305933e-02
## 5052 0.4360738697 3.062052e-01
## 5053 0.4533819993 -3.784915e-01
## 5054 0.4486734844 -4.636143e-01
## 5055 0.4352673308 -2.668091e-01
## 5056 0.4609243784 5.911438e-01
## 5057 0.4690552305 -3.133024e-01
## 5058 0.4662432532 -4.492795e-01
## 5059 0.4767501489 -6.116614e-01
## 5060 0.4757365206 -7.057875e-01
## 5061 0.4783959575 -6.177668e-01
## 5062 0.4677582078 -5.464301e-01
## 5063 0.4490114266 -4.906944e-01
## 5064 0.4637799954 -4.969967e-01
## 5065 0.4480849449 -4.174586e-01
## 5066 0.4394417898 -5.458533e-01
## 5067 0.4238121319 -6.135465e-01
## 5068 0.4431475856 -5.088978e-01
```

```
## 5069 0.4363245999 -5.642397e-01
## 5070 0.4511694717 -6.509240e-01
## 5071 0.4704721293 -5.239079e-01
## 5072 0.4679217249 -6.031928e-01
## 5073 0.4814150916 -5.151438e-01
## 5074 0.4750062845 -6.175276e-01
## 5075 0.4762923970 -7.270155e-01
## 5076 0.4852625176 -5.005136e-01
## 5077 0.5009684118 -4.590142e-01
## 5078 0.5036060958 -6.058234e-01
## 5079 0.5056006239 -5.870432e-01
## 5080 0.5022982305 -6.380944e-01
## 5081 0.5167724294 -5.602445e-01
## 5082 0.5177752151 -6.784683e-01
## 5083 0.5318680979 -6.118302e-01
## 5084 0.5244565052 5.234788e-01
## 5085 0.4961618400 6.173902e-02
## 5086 0.4610006813 1.147559e-02
## 5087 0.4701669821 -3.795325e-01
## 5088 0.4698400166 -4.502361e-01
## 5089 0.4600632894 -5.647742e-01
## 5090 0.4607826818 -6.386993e-01
## 5091 0.4658944673 -6.462536e-01
## 5092 0.4632459395 -6.144327e-01
## 5093 0.4547117515 -5.206161e-01
## 5094 0.4273653220 -2.231715e-01
## 5095 0.4394308796 -5.349228e-01
## 5096 0.4561177401 -5.764362e-01
## 5097 0.4555073803 -6.641616e-01
## 5098 0.4505372925 -5.821758e-01
## 5099 0.4313436008 -5.286768e-01
## 5100 0.4290547039 -5.606946e-01
## 5101 0.4234088625 -5.776179e-01
## 5102 0.4382428905 -6.359280e-01
## 5103 0.4285424673 -6.474212e-01
## 5104 0.4224933564 -2.918775e-01
## 5105 0.4146567414 -5.550676e-01
## 5106 0.4154851008 -6.574936e-01
## 5107 0.4242481321 -6.184420e-01
## 5108 0.4389949470 -6.141795e-01
## 5109 0.4531749100 -5.541251e-01
## 5110 0.4506135954 -6.660467e-01
## 5111 0.4364662966 -6.171900e-01
## 5112 0.4392237903 -7.231610e-01
## 5113 0.4519432811 -6.616998e-01
## 5114 0.4371529583 -6.562838e-01
## 5115 0.4502975390 -7.151706e-01
## 5116 0.4553330205 -6.737557e-01
## 5117 0.4738836227 -5.480479e-01
## 5118 0.4658290735 -4.722800e-01
```

```
## 5119 0.4599215928 -4.938174e-01
## 5120 0.4461884726 -5.428992e-01
## 5121 0.4414690474 -6.470273e-01
## 5122 0.4451203608 -6.164022e-01
## 5123 0.4357905429 -6.939426e-01
## 5124 0.4253816377 -6.511491e-01
## 5125 0.4086947771 -3.019639e-01
## 5126 0.4073977556 -5.213054e-01
## 5127 0.4207712450 -5.798125e-01
## 5128 0.4267986019 -6.679176e-01
## 5129 0.4321937142 -6.649353e-01
## 5130 0.4298394889 -6.791295e-01
## 5131 0.4275615021 -6.476603e-01
## 5132 0.4366624757 -6.672424e-01
## 5133 0.4534473930 -5.685162e-01
## 5134 0.4629625463 -4.907366e-01
## 5135 0.4644993213 -6.093966e-01
## 5136 0.4603685021 -5.888157e-01
## 5137 0.4688699605 -6.940130e-01
## 5138 0.4753332511 -4.506159e-01
## 5139 0.4775240248 -6.807332e-01
## 5140 0.4812298216 -7.401827e-01
## 5141 0.4842707086 -6.964607e-01
## 5142 0.4710498250 -6.711391e-01
## 5143 0.4597254126 -5.855380e-01
## 5144 0.4556926502 -6.900741e-01
## 5145 0.4375888919 -5.312512e-01
## 5146 0.4480522807 -6.395996e-01
## 5147 0.4447933277 -5.961027e-01
## 5148 0.4442701820 -2.323716e-01
## 5149 0.5843482288 1.307507e+00
## 5150 0.5951385853 -9.248374e-02
## 5151 0.5890677205 -5.336568e-01
## 5152 0.5873238561 -4.944786e-01
## 5153 0.5770130066 -5.044103e-01
## 5154 0.5959560345 -4.950413e-01
## 5155 0.6058308839 -5.471476e-01
## 5156 0.6085666248 -6.445092e-01
## 5157 0.6191498244 -6.596318e-01
## 5158 0.6150625784 -4.976860e-01
## 5159 0.6109426029 -7.161272e-01
## 5160 0.6151062182 -6.122382e-01
## 5161 0.6234659136 -5.812896e-01
## 5162 0.6124030740 -4.701136e-01
## 5163 0.6239564627 -7.114286e-01
## 5164 0.6158800276 -6.832794e-01
## 5165 0.6119890284 -7.183780e-01
## 5166 0.6263542602 -6.739948e-01
## 5167 0.6445234787 -5.226419e-01
## 5168 0.6770470200 -5.264823e-01
```

```
## 5169 0.6877610060 -7.406929e-02
## 5170 0.6853304789 -3.813894e-01
## 5171 0.6500930173 2.795190e-01
## 5172 0.6669651467 -3.884513e-01
## 5173 0.6512700961 -4.450170e-01
## 5174 0.6203159930 -1.883120e-01
## 5175 0.6286212713 -4.488575e-01
## 5176 0.6403707736 -6.213962e-01
## 5177 0.6484799382 -6.694651e-01
## 5178 0.6508886460 -5.937112e-01
## 5179 0.6584310251 -6.902991e-01
## 5180 0.6542455894 -7.082494e-01
## 5181 0.6532102071 -6.546660e-01
## 5182 0.6642512263 -5.706123e-01
## 5183 0.6695701011 -3.505533e-01
## 5184 0.6820388617 -6.081305e-01
## 5185 0.6785511319 -6.587456e-01
## 5186 0.6679133823 -6.892159e-01
## 5187 0.6647961924 -7.241176e-01
## 5188 0.6578205988 -7.998011e-01
## 5189 0.6669760569 -7.407032e-01
## 5190 0.6729706843 -7.601165e-01
## 5191 0.6771559870 -7.637037e-01
## 5192 0.6590304083 -6.445936e-01
## 5193 0.6803277269 -6.437355e-01
## 5194 0.6968837335 -5.854536e-01
## 5195 0.7027584846 -5.976501e-01
## 5196 0.7240667135 -5.241330e-01
## 5197 0.7433911905 -4.207645e-01
## 5198 0.7497454475 -5.077302e-01
## 5199 0.7515220425 -6.449312e-01
## 5200 0.7758821351 -5.831746e-01
## 5201 0.8069668906 -2.569899e-01
## 5202 0.8065963507 -7.009193e-03
## 5203 0.7958496350 -2.837042e-01
## 5204 0.7940184900 -4.562992e-01
## 5205 0.7953918155 -3.787025e-01
## 5206 0.8310654103 -4.403747e-01
## 5207 0.8694637016 -2.955913e-01
## 5208 0.8639813108 -6.513639e-02
## 5209 0.8862594616 -3.541546e-01
## 5210 0.9125269356 -3.394821e-01
## 5211 0.9295625821 -2.206674e-01
## 5212 0.9515136999 -1.967526e-01
## 5213 0.9657591896 -1.189870e-01
## 5214 0.8993931986 2.593040e-01
## 5215 0.9429359385 5.423294e-01
## 5216 0.8993931986 5.942809e-01
## 5217 0.9569851816 5.340436e-01
## 5218 0.9285816159 -1.516838e-02
```

```
## 5219 0.8563408748 1.840143e-01
## 5220 0.8444605872 9.665791e-01
## 5221 0.8952841323 -7.478674e-02
## 5222 0.9261074489 -1.902815e-01
## 5223 0.9659336158 -1.844716e-01
## 5224 0.9776067477 -2.275887e-01
## 5225 0.9633612580 -3.936001e-01
## 5226 0.9847893641 -1.085067e-01
## 5227 1.0006697511 -1.359103e-01
## 5228 1.0033073021 -3.393696e-01
## 5229 1.0192857460 -4.012669e-01
## 5230 1.0432097054 -3.257381e-01
## 5231 1.0323431125 -3.463049e-01
## 5232 1.0328553490 -3.876354e-01
## 5233 1.0121466363 -6.123967e-02
## 5234 1.0195582290 -9.607097e-02
## 5235 1.0450190300 -2.865037e-01
## 5236 1.0603108121 -3.810658e-01
## 5237 1.0683326971 -4.355917e-01
## 5238 1.0758096160 -4.794122e-01
## 5239 1.1052705174 -3.849204e-01
## 5240 1.1265241962 -2.949020e-01
## 5241 1.1153960305 -1.039066e-01
## 5242 1.1184695806 -4.235921e-01
## 5243 1.1090089098 -4.502783e-01
## 5244 1.0974121484 -2.596205e-01
## 5245 1.0682564607 -9.702757e-02
## 5246 1.1135757957 -3.782664e-01
## 5247 1.1085075835 -3.544641e-01
## 5248 1.0682455505 -1.336314e-01
## 5249 1.0144465111 1.034634e-01
## 5250 1.0801693450 -2.315276e-01
## 5251 1.0160704992 -3.811259e-02
## 5252 0.9445382403 9.052164e-01
## 5253 0.9618898767 7.470688e-01
## 5254 0.8797635079 4.491880e-01
## 5255 0.9016276131 4.164950e-01
## 5256 0.9218130461 -4.054628e-02
## 5257 0.9666965150 -1.205626e-01
## 5258 0.9159928450 -1.952895e-01
## 5259 0.9169192612 -4.307947e-01
## 5260 0.9497698355 -4.243377e-01
## 5261 0.9397752418 -5.188155e-01
## 5262 0.9631542352 -5.817679e-01
## 5263 0.9438515775 -5.043540e-01
## 5264 0.9555247094 -6.276844e-01
## 5265 1.0234601385 -3.033144e-01
## 5266 1.0496294227 -2.874040e-01
## 5267 1.0813138273 -1.050601e-01
## 5268 1.0492479726 -2.432177e-01
```

```
## 5269 1.0387519196 -3.946129e-01
## 5270 0.9757865129  3.153595e-02
## 5271 0.9758737925 -9.611317e-02
## 5272 1.0388608866  2.153147e-01
## 5273 1.0984366204  8.134818e-01
## 5274 1.0913629710 -2.541201e-01
## 5275 1.1089435836 -3.796028e-01
## 5276 1.0952322839 -4.093979e-01
## 5277 1.0978480145 -4.246472e-01
## 5278 1.1075157081 -5.383553e-01
## 5279 1.1284315777 -4.879512e-01
## 5280 1.1199846027 -5.912072e-01
## 5281 1.1369984288 -5.111065e-01
## 5282 1.1381755076 -6.264324e-01
## 5283 1.1314507107 -7.043104e-01
## 5284 1.1299575090 -6.697605e-01
## 5285 1.1022513832 -3.085053e-01
## 5286 1.1144150642 -6.611652e-01
## 5287 1.1083986175 -7.206710e-01
## 5288 1.1003440018 -6.510366e-01
## 5289 1.1124313134 -6.112816e-01
## 5290 1.1080062571 -7.251726e-01
## 5291 1.1303062284 -5.498485e-01
## 5292 1.1316250039 -5.402685e-01
## 5293 1.1393418093 -6.431869e-01
## 5294 1.1423063934 -4.816771e-01
## 5295 1.1554074008 -6.137856e-01
## 5296 1.1605627585 -5.773647e-01
## 5297 1.1735547989 -5.566713e-01
## 5298 1.1994188704 -5.743542e-01
## 5299 1.2332939168 -3.500469e-01
## 5300 1.2326399836 -2.528400e-01
## 5301 1.2256099740 -4.930437e-01
## 5302 1.2198223694 -6.070754e-01
## 5303 1.2254137273 -6.942381e-01
## 5304 1.2359097803 -7.049716e-01
## 5305 1.2425692500 -5.546878e-01
## 5306 1.2632779627 -5.762252e-01
## 5307 1.2546783820 -3.506940e-01
## 5308 1.2632017263 -5.856083e-01
## 5309 1.2751800708 -4.192734e-01
## 5310 1.2918559547 -4.132946e-01
## 5311 1.2702099166 -3.276935e-01
## 5312 1.2543514819 -4.495186e-01
## 5313 1.1971082184  3.385709e-02
## 5314 1.2275608622 -4.056982e-01
## 5315 1.1942307820 -3.373860e-01
## 5316 1.2388525440 -3.855675e-01
## 5317 1.2370542626 -3.836261e-01
## 5318 1.2522914936 -5.746356e-01
```

```
## 5319 1.2306889623 -7.164930e-01
## 5320 1.2369778921 -6.031365e-01
## 5321 1.2488581809 -6.499534e-01
## 5322 1.2798013738 -5.990710e-01
## 5323 1.2842155187 -6.003511e-01
## 5324 1.2972184693 -5.712453e-01
## 5325 1.3425814440 -3.851454e-01
## 5326 1.3604672693 -4.061765e-01
## 5327 1.3707779858 -2.538247e-01
## 5328 1.3941462030 -2.233403e-01
## 5329 1.3930453605 -3.388350e-01
## 5330 1.3604018101 -3.648600e-01
## 5331 1.3611974389 -4.763455e-01
## 5332 1.3484452850 -4.757687e-01
## 5333 1.3781350285 -4.208771e-01
## 5334 1.4155959944 -4.969123e-01
## 5335 1.3549848785 3.733357e-01
## 5336 1.3650885722 3.390952e-01
## 5337 1.3236165967 -9.963007e-02
## 5338 1.3216764846 -2.154906e-01
## 5339 1.3431809602 -4.385459e-01
## 5340 1.3836827466 -4.101857e-01
## 5341 1.3716499850 -5.359779e-01
## 5342 1.3983096853 -5.456423e-01
## 5343 1.4143643655 -5.476540e-01
## 5344 1.4405663804 -4.652884e-01
## 5345 1.4536455674 -3.390460e-01
## 5346 1.4403266269 -5.107407e-01
## 5347 1.4511168494 -2.446386e-01
## 5348 1.4766758401 -4.620388e-01
## 5349 1.4363156174 6.051514e-02
## 5350 1.4405663804 -4.661184e-01
## 5351 1.4358796183 -4.454109e-01
## 5352 1.4298740807 -6.201723e-01
## 5353 1.4371876166 -5.859037e-01
## 5354 1.4605993395 -5.894347e-01
## 5355 1.4584194750 -5.215587e-01
## 5356 1.4611333965 -6.287676e-01
## 5357 1.4854280288 -5.207146e-01
## 5358 1.4910301628 -5.865930e-01
## 5359 1.5621809727 -1.039207e-01
## 5360 1.5668459143 9.530514e-04
## 5361 1.5781048665 -4.313293e-01
## 5362 1.6073151042 -2.179665e-01
## 5363 1.5586059622 1.336524e-01
## 5364 1.5188126590 3.069189e-02
## 5365 1.5120113586 -3.345163e-01
## 5366 1.4977769132 -3.834433e-01
## 5367 1.5502462669 -3.146810e-01
## 5368 1.5533525477 -4.018436e-01
```

```
## 5369 1.5532108510 -5.133291e-01
## 5370 1.5317609255 -5.104453e-01
## 5371 1.4640108329 -3.099440e-02
## 5372 1.5000004175 -4.222838e-01
## 5373 1.4840547033 -4.520930e-01
## 5374 1.5035426973 -5.789684e-01
## 5375 1.4716185393 -5.832768e-02
## 5376 1.4927087010 -4.300210e-01
## 5377 1.5365131478 -3.843436e-01
## 5378 1.5368400479 -4.159816e-01
## 5379 1.5783991689 -4.137448e-01
## 5380 1.5675216669 -4.481119e-01
## 5381 1.5690039584 -5.359779e-01
## 5382 1.5329817782 -2.630389e-01
## 5383 1.5127634816 -2.838027e-01
## 5384 1.4655258550 -1.902665e-03
## 5385 1.4439778727 -6.305439e-02
## 5386 1.4164789039 1.725736e-02
## 5387 1.4229093973 -3.513551e-01
## 5388 1.2974909524 5.230849e-01
## 5389 1.2583732676 9.376562e-01
## 5390 1.3338510758 3.058395e-01
## 5391 1.3037035128 -1.172286e-01
## 5392 1.3680204256 -1.984407e-01
## 5393 1.3808489489 -2.778802e-01
## 5394 1.3143521726 -1.964571e-01
## 5395 1.3070605891 -1.917867e-01
## 5396 1.3346031988 -3.897455e-01
## 5397 1.3121504877 -7.689687e-02
## 5398 1.1982525677 -4.812870e-02
## 5399 1.3268319764 4.241618e-01
## 5400 1.1749390346 1.082257e+00
## 5401 1.0616623172 9.278370e-01
## 5402 1.05244115329 7.300470e-01
## 5403 1.1261100165 2.981867e-01
## 5404 1.1997022626 1.216809e-01
## 5405 1.1997022626 -4.431639e-02
## 5406 1.1585791407 -2.315276e-01
## 5407 1.1749390346 -4.238735e-01
## 5408 1.2977525252 1.296572e-01
## 5409 1.2971204124 -1.034846e-01
## 5410 1.2508201123 -1.924901e-01
## 5411 1.1684429480 -6.531927e-02
## 5412 1.1622522069 -1.881151e-01
## 5413 1.1271999488 -1.102370e-01
## 5414 1.1494671894 1.627301e-01
## 5415 1.1210963543 -1.694333e-01
## 5416 1.0326810558 7.307748e-02
## 5417 1.0143374110 5.075965e-01
## 5418 1.0375202907 -2.185714e-01
```

```
## 5419 1.0215310707 -6.418926e-01
## 5420 1.1079298878 -1.424799e-01
## 5421 1.1080280776 -2.092305e-01
## 5422 1.2130212031 1.671473e-01
## 5423 1.2084652274 -9.246967e-02
## 5424 1.2265582096 -2.122410e-01
## 5425 1.3161396768 -5.742736e-02
## 5426 1.2028303627 2.003186e-01
## 5427 1.2363892862 2.136688e-01
## 5428 1.1600287026 4.298695e-02
## 5429 1.1729989225 3.155001e-02
## 5430 1.1754076303 -1.443087e-01
## 5431 1.1975333084 -9.460794e-02
## 5432 1.1919092209 -2.812424e-01
## 5433 1.1194614560 -1.270759e-01
## 5434 1.0420762663 2.193521e-01
## 5435 1.0753954363 -1.051586e-01
## 5436 1.0139232313 2.140627e-01
## 5437 0.9765930518 3.828172e-01
## 5438 0.8857144955 8.960725e-01
## 5439 0.8492126754 -7.107666e-03
## 5440 0.9875687437 4.419010e-01
## 5441 0.9774759613 3.448629e-01
## 5442 0.9953290569 2.192395e-01
## 5443 1.0214328809 -4.445706e-02
## 5444 1.0619348003 1.002420e-01
## 5445 1.0195909586 -4.148880e-02
## 5446 1.1014557545 2.689824e-01
## 5447 1.1604428823 1.016628e-01
## 5448 1.1899472894 2.266109e-01
## 5449 1.1930427929 -1.296643e-01
## 5450 1.1895549302 -1.073110e-01
## 5451 1.1724866871 -3.635517e-01
## 5452 1.1470366623 -1.779020e-01
## 5453 1.2095443835 -1.789430e-01
## 5454 1.2195935262 -1.271181e-01
## 5455 1.2298824234 -4.306962e-01
## 5456 1.2331303997 -1.758482e-01
## 5457 1.1633421392 -1.200984e-01
## 5458 1.1718980812 -2.877275e-01
## 5459 1.1881490080 -4.474366e-01
## 5460 1.2051954307 -3.270182e-01
## 5461 1.1695765200 -3.422394e-01
## 5462 1.1216085909 -3.710638e-01
## 5463 1.2050429579 -2.091461e-01
## 5464 1.2576866048 5.120278e-01
## 5465 1.1568678719 5.958565e-01
## 5466 1.1645846783 -3.293816e-01
## 5467 1.1923779506 -3.963432e-01
## 5468 1.1721596540 -4.685380e-01
```

```
## 5469 1.1439412917 -3.719360e-01
## 5470 1.1154395373 -2.269134e-01
## 5471 1.1184695806 -5.561227e-01
## 5472 1.1697073065 -3.392992e-01
## 5473 1.1718762607 -5.219385e-01
## 5474 1.1529659624 -4.431320e-01
## 5475 1.1369438788 -4.117050e-01
## 5476 1.1583392542 -5.048605e-01
## 5477 1.1523664473 -5.532670e-01
## 5478 1.1494671894 -5.327564e-01
## 5479 1.1626772969 -5.872261e-01
## 5480 1.1642467350 -5.748044e-01
## 5481 1.1679525308 -6.477729e-01
## 5482 1.1730642498 -5.798265e-01
## 5483 1.1716909243 -5.971156e-01
## 5484 1.2064597892 -3.229387e-01
## 5485 1.2330978031 -1.551829e-01
## 5486 1.2290214674 -5.048886e-01
## 5487 1.2034297459 -4.606461e-01
## 5488 1.1565626592 -3.254567e-01
## 5489 1.1509496150 -3.662527e-01
## 5490 1.2052499807 -4.774709e-01
## 5491 1.2079529920 -5.143139e-01
## 5492 1.2272557826 -5.231061e-01
## 5493 1.2222528976 -6.082712e-01
## 5494 1.2507437419  3.944192e-02
## 5495 1.2832128661 -2.590438e-01
## 5496 1.3046844790 -1.274979e-01
## 5497 1.3432899272 -1.413685e-01
## 5498 1.3672575265 -2.113969e-01
## 5499 1.3078671292 -1.276667e-01
## 5500 1.3182105753 -3.048056e-01
## 5501 1.3285649317 -3.382723e-01
## 5502 1.3088806909 -4.143919e-01
## 5503 1.3172950693 -5.947100e-01
## 5504 1.3252842247 -5.556303e-01
## 5505 1.3617314948 -4.264900e-01
## 5506 1.3615026515 -5.377223e-01
## 5507 1.3688269646 -4.704793e-01
## 5508 1.3668215263 -5.129915e-01
## 5509 1.3868981263 -5.106563e-01
## 5510 1.4006094260 -4.948584e-01
## 5511 1.3853285552 -5.002604e-01
## 5512 1.3978518658 -6.058234e-01
## 5513 1.3942986758 -6.493203e-01
## 5514 1.3931979674 -5.846658e-01
## 5515 1.3951706750 -4.988536e-01
## 5516 1.4149747919 -5.944849e-01
## 5517 1.4169147699 -6.157410e-01
## 5518 1.4135032766 -6.359421e-01
```

```
## 5519 1.4414274694 -5.481745e-01
## 5520 1.4811663566 -3.699947e-01
## 5521 1.4571660267 -5.056904e-01
## 5522 1.4577109929 -1.647910e-01
## 5523 1.5104419205 1.634757e-01
## 5524 1.4971448005 -4.570870e-01
## 5525 1.4841636703 -5.295772e-01
## 5526 1.4678146866 -5.843000e-01
## 5527 1.4561523309 -4.653024e-01
## 5528 1.5233357710 -1.250502e-01
## 5529 1.5103547739 -2.606334e-01
## 5530 1.4781472225 -1.925042e-01
## 5531 1.4746267632 -4.490263e-01
## 5532 1.4551169487 -2.760374e-01
## 5533 1.4443375024 -2.184025e-01
## 5534 1.3709851427 -2.092024e-01
## 5535 1.3899934968 -3.715843e-01
## 5536 1.4238141261 -3.626514e-01
## 5537 1.4635093736 -3.605131e-01
## 5538 1.4214707456 -3.564617e-01
## 5539 1.4105386935 -4.884717e-01
## 5540 1.4089583452 -4.593659e-01
## 5541 1.4113126359 -6.096779e-01
## 5542 1.3631375499 -4.003947e-01
## 5543 1.3716390748 -5.487513e-01
## 5544 1.3859717111 -5.726239e-01
## 5545 1.3671811560 -4.208349e-01
## 5546 1.3640530559 -5.800938e-01
## 5547 1.3190933507 -3.730333e-01
## 5548 1.2293047266 2.571798e-01
## 5549 1.2694906572 -2.238748e-01
## 5550 1.2792345872 -4.263494e-01
## 5551 1.2965208963 -5.037913e-01
## 5552 1.3506578790 -3.463893e-01
## 5553 1.4123480181 -2.672170e-01
## 5554 1.4156940513 -4.540765e-01
## 5555 1.4065604136 -6.460144e-01
## 5556 1.4228877109 -6.294850e-01
## 5557 1.4222010482 -6.216916e-01
## 5558 1.4400323234 -6.522042e-01
## 5559 1.4567518470 -4.747559e-01
## 5560 1.4648391923 -6.154878e-01
## 5561 1.4750844486 -5.702043e-01
## 5562 1.4675749331 -4.694242e-01
## 5563 1.4704087297 -7.016235e-01
## 5564 1.4315744393 -5.990288e-01
## 5565 1.4528934444 -6.792702e-01
## 5566 1.4599235869 -7.215010e-01
## 5567 1.4483157823 -5.954978e-01
## 5568 1.4794441776 -5.737353e-01
```

```
## 5569 1.4926542851 -6.505723e-01
## 5570 1.4977660030 -7.850020e-01
## 5571 1.5020276751 -6.530342e-01
## 5572 1.5122838417 -6.171619e-01
## 5573 1.5514997162 -4.114518e-01
## 5574 1.5832276276 -3.289877e-01
## 5575 1.5654180388 -4.153766e-01
## 5576 1.5762411249 -6.697886e-01
## 5577 1.5871295371 -6.033897e-01
## 5578 1.5750422256 -6.544690e-01
## 5579 1.5555651417 -6.628252e-01
## 5580 1.5401643936 -5.322641e-01
## 5581 1.5255810958 -5.746497e-01
## 5582 1.5485895492 -6.148266e-01
## 5583 1.5582463326 -6.424694e-01
## 5584 1.5651347796 -6.526262e-01
## 5585 1.5357173850 -4.408812e-01
## 5586 1.5021802820 -3.296630e-01
## 5587 1.4688282484 -3.907021e-01
## 5588 1.4536564765 -6.132933e-01
## 5589 1.4190511276 -3.938673e-01
## 5590 1.4065604136 -3.597394e-01
## 5591 1.3715954350 -3.255693e-01
## 5592 1.3082594884 -1.705447e-01
## 5593 1.3330008970 -3.095182e-01
## 5594 1.3390718938 -3.859614e-01
## 5595 1.3821133085 -5.021173e-01
## 5596 1.3545270590 -6.176683e-01
## 5597 1.3298292901 -6.140529e-01
## 5598 1.3727943343 -4.609274e-01
## 5599 1.3058942875 -3.343756e-01
## 5600 1.3202378329 -4.939722e-01
## 5601 1.3381671650 -5.982269e-01
## 5602 1.3638351229 -6.266012e-01
## 5603 1.3477695324 -7.513524e-01
## 5604 1.3719224681 -7.369613e-01
## 5605 1.3513445418 -6.495032e-01
## 5606 1.2913546283 -2.813127e-01
## 5607 1.3123358241 -5.895050e-01
## 5608 1.3046626586 -5.979878e-01
## 5609 1.3073003426 -6.823932e-01
## 5610 1.3314423680 -5.986349e-01
## 5611 1.3204231694 -5.925014e-01
## 5612 1.3351916718 -5.243722e-01
## 5613 1.3469411730 -6.958418e-01
## 5614 1.3906474300 -5.570371e-01
## 5615 1.3827890610 -6.715330e-01
## 5616 1.3804347703 -6.008294e-01
## 5617 1.3686635816 -6.550740e-01
## 5618 1.3713229520 -6.805503e-01
```

```
## 5619 1.3937320233 -6.255883e-01
## 5620 1.3891433181 -7.454722e-01
## 5621 1.3548104522 -5.057326e-01
## 5622 1.3708434461 -7.439107e-01
## 5623 1.3652955950 -6.703091e-01
## 5624 1.3696989638 -7.370035e-01
## 5625 1.3399002532 -2.713107e-01
## 5626 1.3302434698 -6.116896e-01
## 5627 1.2826242601 -3.734272e-01
## 5628 1.3117472182 -5.313778e-01
## 5629 1.2806950593 -5.252444e-01
## 5630 1.2650109179 -4.731381e-01
## 5631 1.2764116997 -6.507411e-01
## 5632 1.2761283064 -5.888720e-01
## 5633 1.2516919775 -5.584016e-01
## 5634 1.2638883891 -5.348947e-01
## 5635 1.2804880354 -6.750499e-01
## 5636 1.2728694199 -7.196722e-01
## 5637 1.2432777332 -6.651885e-01
## 5638 1.2612397949 -7.353154e-01
## 5639 1.2593542339 -6.605181e-01
## 5640 1.2720628810 -5.648868e-01
## 5641 1.2769784863 -7.540674e-01
## 5642 1.3107118360 -5.850456e-01
## 5643 1.3216657085 -6.340429e-01
## 5644 1.3326194469 -6.503613e-01
## 5645 1.2999542101 -5.497641e-01
## 5646 1.3306358291 -7.230906e-01
## 5647 1.3089134205 -7.257213e-01
## 5648 1.3050333315 -7.219934e-01
## 5649 1.3253169543 -3.973280e-01
## 5650 1.3041176925 3.314143e-01
## 5651 1.3212841254 -5.010341e-01
## 5652 1.3056218044 -7.024817e-01
## 5653 1.3244558653 -6.782151e-01
## 5654 1.3208264388 -6.315389e-01
## 5655 1.3369355361 -6.302447e-01
## 5656 1.3513445418 -6.328472e-01
## 5657 1.3481291621 -7.575421e-01
## 5658 1.3416550289 -7.372426e-01
## 5659 1.3334041665 -6.498408e-01
## 5660 1.3308755826 -7.240894e-01
## 5661 1.3153658674 -7.490312e-01
## 5662 1.3222869110 -7.361454e-01
## 5663 1.2951584810 -6.022362e-01
## 5664 1.2967824702 -7.041838e-01
## 5665 1.2803136092 -4.702683e-01
## 5666 1.2945263682 -6.233375e-01
## 5667 1.2948097615 -7.033398e-01
## 5668 1.2868968425 -6.303010e-01
```

```
## 5669 1.2751037015 -6.481808e-01
## 5670 1.2871038664 -6.740370e-01
## 5671 1.3177527558 -5.323626e-01
## 5672 1.3429301635 -5.752686e-01
## 5673 1.3664400773 -5.971578e-01
## 5674 1.3471374197 -7.522105e-01
## 5675 1.3262106409 -4.705497e-01
## 5676 1.3135238132 -5.471757e-01
## 5677 1.3034201195 -6.471680e-01
## 5678 1.2813926312 -6.255461e-01
## 5679 1.2935126735 -5.842437e-01
## 5680 1.2912347521 -6.791436e-01
## 5681 1.2800083966 -6.690853e-01
## 5682 1.2903736632 -7.277048e-01
## 5683 1.3030277602 -5.872683e-01
## 5684 1.3036926025 -6.365329e-01
## 5685 1.3127063640 -5.803330e-01
## 5686 1.3360854903 -5.101077e-01
## 5687 1.3288592341 -5.513256e-01
## 5688 1.3378511751 -6.496017e-01
## 5689 1.3315513351 -2.981938e-01
## 5690 1.3386358947 -7.222466e-01
## 5691 1.3345050090 -8.988087e-01
## 5692 1.4212200830 -1.779724e-01
## 5693 1.4223427448 -1.524819e-01
## 5694 1.3973723599 -5.058452e-01
## 5695 1.3984077422 -6.701825e-01
## 5696 1.4530896910 -4.560038e-01
## 5697 1.4279776095 -4.932266e-01
## 5698 1.4583976556 -4.513896e-01
## 5699 1.4627355642 -4.537670e-01
## 5700 1.4465064577 -5.292958e-01
## 5701 1.4564031276 -5.772240e-01
## 5702 1.4369042233 -6.213399e-01
## 5703 1.4457762881 -6.315952e-01
## 5704 1.4219502515 -5.387352e-01
## 5705 1.4138630403 -6.153049e-01
## 5706 1.4312146756 -6.486591e-01
## 5707 1.4168058040 -4.604632e-01
## 5708 1.4465391873 -5.011888e-01
## 5709 1.4415908524 -5.703309e-01
## 5710 1.4384518421 -6.732633e-01
## 5711 1.4134488606 -4.929734e-01
## 5712 1.3771540633 -5.264120e-01
## 5713 1.4043043127 -6.277688e-01
## 5714 1.4094814909 -7.290553e-01
## 5715 1.4233018906 -1.326748e-01
## 5716 1.5737560477  1.167155e+00
## 5717 1.5688295322 -1.939672e-01
## 5718 1.6183887199 -2.787102e-01
```

```
## 5719 1.6077074634 -4.071612e-01
## 5720 1.6189991452 -5.750154e-01
## 5721 1.6506617304 -3.060013e-01
## 5722 1.7102046016 -3.115017e-01
## 5723 1.7286137066 -2.144636e-01
## 5724 1.7386410299 -5.537312e-01
## 5725 1.7276001437 -5.962856e-01
## 5726 1.7112511600 -6.561572e-01
## 5727 1.7339215382 -6.084118e-01
## 5728 1.7497801059 -6.624876e-01
## 5729 1.7311206042 -5.822884e-01
## 5730 1.6688526364 -3.691647e-01
## 5731 1.5743773832 -1.017824e-01
## 5732 1.5345403062 -1.479100e-01
## 5733 1.5420063159 -2.878119e-01
## 5734 1.4381467624 1.228767e-01
## 5735 1.4375472463 3.109601e-01
## 5736 1.5140604367 -7.157933e-02
## 5737 1.4650571253 3.713484e-02
## 5738 1.5379081597 -3.513551e-01
## 5739 1.4814497488 -3.548298e-01
## 5740 1.4564466344 -2.809188e-01
## 5741 1.3469302628 7.634115e-02
## 5742 1.4463429407 -1.930425e-02
## 5743 1.3690013908 -2.315135e-01
## 5744 1.2117786640 5.733484e-01
## 5745 1.3299164367 2.165245e-01
## 5746 1.2254464569 2.316612e-01
## 5747 1.3548104522 5.129844e-01
## 5748 1.3789633879 3.340590e-01
## 5749 1.4344736962 4.402270e-01
## 5750 1.3965003607 3.583537e-01
## 5751 1.4583431056 7.567998e-02
## 5752 1.4989649023 -1.736292e-02
## 5753 1.4398251676 -1.113343e-01
## 5754 1.5157389749 -1.476005e-01
## 5755 1.4553676124 -2.648396e-01
## 5756 1.5249597592 -1.609928e-01
## 5757 1.5094500451 -3.020202e-01
## 5758 1.4636510702 -4.429350e-01
## 5759 1.4757820216 -4.128164e-01
## 5760 1.4624412618 -5.149610e-01
## 5761 1.5616250964 -2.106373e-01
## 5762 1.5768950581 -3.033707e-01
## 5763 1.6111189568 -4.632767e-01
## 5764 1.6108573840 -3.691365e-01
## 5765 1.7483088564 -7.790974e-02
## 5766 1.8730515489 1.148863e-01
## 5767 1.8996021502 -5.682245e-02
## 5768 2.0091512503 6.706959e-01
```

```
## 5769 1.9729764633 9.277207e-02
## 5770 1.9932602190 -2.109889e-01
## 5771 1.9218805670 2.900378e-02
## 5772 1.9604313322 -4.302320e-01
## 5773 1.9996252533 -3.100387e-01
## 5774 2.0113638455 -4.847157e-01
## 5775 1.9740663955 -2.285875e-01
## 5776 1.9065778757 -2.815097e-01
## 5777 1.9704804759 -3.768596e-01
## 5778 2.0808797559 3.185003e-01
## 5779 1.8760161330 3.519811e-01
## 5780 1.9086595504 -3.382723e-01
## 5781 1.9106323921 -5.666452e-01
## 5782 1.9471014826 -5.841875e-01
## 5783 1.9649219806 -5.449952e-01
## 5784 1.9780011676 -5.716955e-01
## 5785 2.0100341597 -5.642959e-01
## 5786 1.9533031328 -5.902225e-01
## 5787 1.9652596580 -3.499484e-01
## 5788 1.9880721317 -5.095872e-01
## 5789 2.0108843385 -4.270246e-01
## 5790 2.0288464012 -4.098340e-01
## 5791 2.0539912123 -4.149968e-01
## 5792 2.1069726696 -4.603507e-01
## 5793 2.0511681919 -3.033144e-01
## 5794 2.0404213433 -6.194549e-01
## 5795 2.0240508051 -5.208271e-01
## 5796 2.0115490489 -3.114032e-01
## 5797 2.0014238018 -5.740026e-01
## 5798 2.0464053264 -5.290285e-01
## 5799 2.0776535989 -6.107611e-01
## 5800 2.0791466677 -6.668907e-01
## 5801 2.0856753510 -6.470414e-01
## 5802 2.0662747706 -6.079757e-01
## 5803 2.0906891461 -5.576560e-01
## 5804 2.1354418285 -4.642052e-01
## 5805 2.2191486775 -2.946488e-01
## 5806 2.2699284509 -3.270042e-01
## 5807 2.1723904249 -2.068531e-01
## 5808 2.1582867660 -2.580590e-01
## 5809 2.1884341960 -4.790605e-01
## 5810 2.2348545064 -5.183794e-01
## 5811 2.2628766209 -6.064846e-01
## 5812 2.2770457401 -6.728132e-01
## 5813 2.2999670480 -2.101027e-01
## 5814 2.3422673818 -5.713860e-01
## 5815 2.3974068842 -4.274888e-01
## 5816 2.3646980065 -3.860036e-01
## 5817 2.3866930311 -6.051622e-01
## 5818 2.3194333546 -1.082816e-01
```

```
## 5819  2.3058198458 -4.286564e-01
## 5820  2.3913143330 -4.924810e-01
## 5821  2.5219752834 -1.276105e-01
## 5822  2.5346186043 -9.525505e-02
## 5823  2.7163538965 -5.485299e-02
## 5824  2.6543150379 -2.831837e-01
## 5825  2.7425886398 -3.141183e-01
## 5826  2.8532383175 -1.240514e-01
## 5827  2.8721705682 -2.510393e-01
## 5828  2.7675370724  6.328645e-02
## 5829  2.7457384274 -5.433625e-03
## 5830  2.6638519451 -2.084286e-01
## 5831  2.6540750185 -1.232776e-01
## 5832  2.6127339635 -3.529870e-01
## 5833  2.8687264782  4.609588e-02
## 5834  2.8049108917 -1.616680e-01
## 5835  2.7630791535 -4.454250e-01
## 5836  2.6395245832 -2.269978e-01
## 5837  2.6638953189 -2.304444e-01
## 5838  2.7143592354 -4.360982e-01
## 5839  2.6545438812 -5.829355e-01
## 5840  2.6907295784 -6.044026e-01
## 5841  2.7107296760 -1.606833e-01
## 5842  2.8336740871  1.146471e-01
## 5843  2.7761365212 -3.088992e-01
## 5844  2.8054994976 -3.624123e-01
## 5845  2.8776529590 -4.718298e-01
## 5846  2.8994188744 -4.684395e-01
## 5847  2.8367041303 -4.690726e-01
## 5848  2.8156683845 -5.772240e-01
## 5849  2.7421088680 -4.997399e-01
## 5850  2.8310147156 -5.273123e-01
## 5851  2.8296850310 -5.797984e-01
## 5852  2.8155159117 -6.356888e-01
## 5853  2.8529985640 -6.441997e-01
## 5854  2.9947770359 -2.707339e-01
## 5855  2.9380896488 -4.340443e-01
## 5856  2.9782973987 -5.539844e-01
## 5857  2.9645095967 -5.197439e-01
## 5858  2.9892946451 -3.663512e-01
## 5859  3.0318347324 -4.610962e-01
## 5860  3.1357707893 -1.071703e-01
## 5861  3.0901570179 -4.228325e-01
## 5862  3.0921189493 -6.152487e-01
## 5863  3.1456999227 -4.339318e-01
## 5864  3.1981912299 -5.399590e-01
## 5865  3.2334285585 -4.697197e-01
## 5866  3.0552791859  1.252822e-01
## 5867  2.9753000851  2.125996e-01
## 5868  2.8174996625 -1.654804e-01
```

```

## 5869 2.9469509364 -2.928622e-01
## 5870 2.8450422712 -2.728862e-01
## 5871 2.7808560128 -3.061842e-01
## 5872 2.7664144105 -3.855815e-01
## 5873 2.8243551129 -4.570589e-01
## 5874 2.7393079339 -3.880293e-01
## 5875 2.6636992053 -1.155546e-01
## 5876 2.6050389775 2.281865e-01
## 5877 2.6110990651 -1.621463e-01
## 5878 2.7947744683 -4.525891e-02
## 5879 2.6540316446 -2.275887e-01
## 5880 2.6757539202 -2.449340e-01
## 5881 2.7578692458 -3.735397e-01
## 5882 2.8438868798 -4.285439e-01
## 5883 2.8120933751 -5.310121e-01
## 5884 2.8162897200 -3.340239e-01
## 5885 2.8953425387 -3.233607e-01
## 5886 2.7904256496 -2.331594e-01
## 5887 2.8712985690 -4.916932e-01
## 5888 2.7631337036 -3.071830e-01
## 5889 2.8674728959 -4.165583e-01
## 5890 2.8618707619 -5.762674e-01
## 5891 2.9666130907 -3.323639e-01
## 5892 3.1369477352 1.538535e-01
## 5893 3.1377106343 -2.146465e-01
## 5894 3.0506033341 -2.050806e-01
## 5895 3.0232895676 -2.879807e-01
## 5896 2.9514194995 -1.119955e-01
## 5897 2.8800289372 -2.879526e-01
## 5898 2.8907103266 -3.883810e-01
## 5899 2.8557561242 -3.767049e-01
## 5900 2.8464480603 -4.302601e-01
## 5901 2.8769661633 -5.351057e-01
## 5902 2.8798437337 -1.926308e-01
## 5903 2.9662645042 -4.191468e-01
## 5904 2.8316033215 -2.366482e-01
## 5905 2.8841707332 -9.481896e-02
## 5906 2.6935850625 1.569765e-01
## 5907 2.6590669932 -1.846395e-03
## 5908 2.7069476428 -3.337707e-01
## 5909 2.9170320836 -6.070510e-02
## 5910 3.0051423025 -2.083724e-01
## 5911 2.9935564502 -3.690240e-01
## 5912 2.8108509690 -1.127167e-02
## 5913 2.6923535677 -9.559267e-02
## 5914 2.8039297935 -4.084695e-01
## 5915 2.7743818785 -4.091588e-01
## 5916 2.7945783557 -4.943801e-01
## 5917 2.7970307033 -4.869946e-01
## 5918 2.8020442314 -5.382006e-01

```

```
## 5919 2.7691283309 -6.124633e-01
## 5920 2.7817280120 -5.993101e-01
## 5921 2.7625232772 -5.480901e-01
## 5922 2.7614224358 -3.603584e-01
## 5923 2.7828615841 -5.160582e-01
## 5924 2.8558979538 -4.895690e-01
## 5925 2.8670915798 -6.861633e-01
## 5926 2.8373363760 -4.510942e-01
## 5927 2.8940564928 -3.845405e-01
## 5928 2.8760180606 -5.825697e-01
## 5929 2.8577071455 -6.159520e-01
## 5930 2.8313853885 -6.129134e-01
## 5931 2.8263934138 -6.357451e-01
## 5932 2.8474182493 -5.604836e-01
## 5933 2.7677550054 -4.459033e-01
## 5934 2.7648013315 -5.965107e-01
## 5935 2.7810739459 -5.916574e-01
## 5936 2.8252707519 -4.381661e-01
## 5937 2.8341538589 -5.558132e-01
## 5938 2.9168141506 -3.999305e-01
## 5939 2.9114954087 -5.340366e-01
## 5940 2.8739688496 -1.793369e-01
## 5941 2.8789062754 -4.830417e-01
## 5942 2.8792769483 -6.894692e-01
## 5943 2.8561158880 -7.282394e-01
## 5944 2.8424044542 -8.185391e-01
## 5945 2.9636812373 -2.227916e-01
## 5946 3.0051423025 -3.372876e-01
## 5947 2.9657413585 -5.713156e-01
## 5948 2.9342203370 -6.067800e-01
## 5949 2.8575980465 -4.022094e-01
## 5950 2.8923452250 -6.492218e-01
## 5951 2.8050088155 -4.045446e-01
## 5952 2.8309274360 -5.283814e-01
## 5953 2.8533146869 -5.251178e-01
## 5954 2.7786652381 -5.046213e-01
## 5955 2.7858807171 -5.283674e-01
## 5956 2.8349928626 -5.555740e-01
## 5957 2.7931177506 -5.907852e-01
## 5958 2.7678095554 -4.257585e-01
## 5959 2.7858043477 -5.578389e-01
## 5960 2.9412503466 -2.758264e-01
## 5961 2.9887824086 -3.283969e-01
## 5962 2.9726949977 -6.258134e-01
## 5963 2.9746241995 -4.952804e-01
## 5964 3.0096435952 -6.070613e-01
## 5965 2.9076806459 -3.672093e-01
## 5966 2.9131739469 -5.797703e-01
## 5967 2.8789280947 -4.187810e-01
## 5968 3.0278999603 -4.375471e-01
```

```
## 5969 3.0683583729 -2.418569e-02
## 5970 2.9948206757 -2.556432e-02
## 5971 3.0149516927 -5.064079e-01
## 5972 3.0380036530 -5.134276e-01
## 5973 3.0061667745 -5.645491e-01
## 5974 2.9866134543 -7.128073e-01
## 5975 2.9665369873 -5.794326e-01
## 5976 2.9398879313 -6.990351e-01
## 5977 2.9568691607 -6.942662e-01
## 5978 2.9473213433 -6.605884e-01
## 5979 2.9905806910 -5.589081e-01
## 5980 3.0119325586 -5.969046e-01
## 5981 2.9265580806 -4.171492e-01
## 5982 2.8511784622 -5.282126e-01
## 5983 2.8661759408 -3.648178e-01
## 5984 2.8280610417 -5.991694e-01
## 5985 2.7164845499 -3.849907e-01
## 5986 2.7554714482 -4.212710e-01
## 5987 2.8134667007 -6.388681e-01
## 5988 2.7572154456 -6.576202e-01
## 5989 2.6596337798 -4.616730e-01
## 5990 2.6297370123 -2.516583e-01
## 5991 2.6546854448 -2.647411e-01
## 5992 2.6018128206 -4.340584e-01
## 5993 2.7226864671 -4.558631e-01
## 5994 2.7170076967 -5.990006e-01
## 5995 2.7779896185 -6.322142e-01
## 5996 2.7517221445 -6.820837e-01
## 5997 2.7432097105 -6.129134e-01
## 5998 2.7543054115 -6.656387e-01
## 5999 2.8021206008 -5.840749e-01
## 6000 2.6846913113 -5.093761e-01
## 6001 2.7358853974 -3.721048e-01
## 6002 2.7750250344 -6.145172e-01
## 6003 2.8040498027 -4.857848e-01
## 6004 2.7490845935 -6.065268e-01
## 6005 2.7046043952 -5.214883e-01
## 6006 2.7108933250 -5.567416e-01
## 6007 2.7367246659 -6.364907e-01
## 6008 2.7144465150 -6.939426e-01
## 6009 2.7567250295 -5.875496e-01
## 6010 2.8296632105 -6.091574e-01
## 6011 2.9013044354 -5.536468e-01
## 6012 2.8981328285 -6.657794e-01
## 6013 2.9587001728 -5.520571e-01
## 6014 2.9804008939 -6.271920e-01
## 6015 3.0598568480 -4.120426e-01
## 6016 3.0676933976 -5.611167e-01
## 6017 3.0901570179 -5.563337e-01
## 6018 3.0171315572 -5.803330e-01
```

```
## 6019 3.0673666305 -5.678972e-01
## 6020 3.0895465915 -5.745934e-01
## 6021 3.0596498251 -6.393886e-01
## 6022 3.0189734784 -6.537938e-01
## 6023 3.0487614129 -7.117241e-01
## 6024 2.9910168231 -6.597585e-01
## 6025 3.0257200958 -5.736368e-01
## 6026 3.0999664081 -3.361903e-01
## 6027 3.1091544628 -4.844062e-01
## 6028 3.1539180544 -3.711904e-01
## 6029 3.1678801508 5.794077e-02
## 6030 3.1636401650 -3.674803e-02
## 6031 3.0754320223 -1.962461e-01
## 6032 2.9941014163 -2.575948e-01
## 6033 2.9490544315 -5.006965e-01
## 6034 2.9881067890 -3.971029e-01
## 6035 2.9720193781 -3.601614e-01
## 6036 2.8618053016 -2.014371e-01
## 6037 2.8982307523 -3.728926e-01
## 6038 2.8197883600 -3.283547e-01
## 6039 2.8301754471 -5.513960e-01
## 6040 2.8971299099 -5.550395e-01
## 6041 2.9488907825 -4.989239e-01
## 6042 2.9073536128 -6.248990e-01
## 6043 2.9068304671 -6.458175e-01
## 6044 2.9241384637 -6.523589e-01
## 6045 2.8755276445 -4.453265e-01
## 6046 2.9212066092 -6.819571e-01
## 6047 2.9365311209 -5.640286e-01
## 6048 2.9431904576 -6.874153e-01
## 6049 2.9049885448 -6.624876e-01
## 6050 2.8973153793 -6.950399e-01
## 6051 2.8924976978 -6.809442e-01
## 6052 2.9092173544 -7.393950e-01
## 6053 2.8580123592 -6.854036e-01
## 6054 2.8789499152 -7.063080e-01
## 6055 2.8700016139 -7.110769e-01
## 6056 2.9420462413 -5.421395e-01
## 6057 2.9606184633 -6.773570e-01
## 6058 3.0352788224 -5.337271e-01
## 6059 3.0322054052 -6.264465e-01
## 6060 3.0725765382 -6.612918e-01
## 6061 3.0717697333 -6.814788e-01
## 6062 3.1067784847 -4.315544e-01
## 6063 3.1874225608 -3.002055e-01
## 6064 3.1848720234 -2.845623e-01
## 6065 3.1489697195 -5.617778e-01
## 6066 3.2050794098 -5.522119e-01
## 6067 3.2033138580 -6.270232e-01
## 6068 3.1436509776 -4.837169e-01
```

```
## 6069 3.0917482764 -4.683832e-01
## 6070 3.1379940276 -7.072787e-01
## 6071 3.1426262397 -7.275923e-01
## 6072 3.1339286011 -6.846018e-01
## 6073 3.1260920525 -7.362157e-01
## 6074 3.2111176770 -5.769286e-01
## 6075 3.3906949251 -7.395675e-02
## 6076 3.4134092091 -2.732520e-01
## 6077 3.4513713684 -2.940017e-01
## 6078 3.4382160780 -4.955055e-01
## 6079 3.4373549890 -6.610245e-01
## 6080 3.3924607429 -4.817615e-01
## 6081 3.3971690595 -5.590347e-01
## 6082 3.3421493003 -5.746919e-01
## 6083 3.2794018266 -4.539359e-01
## 6084 3.2532000788 -4.903849e-01
## 6085 3.2789223197 -5.647883e-01
## 6086 3.2920124169 -6.965592e-01
## 6087 3.3495936226 -5.634237e-01
## 6088 3.3698771135 -6.800580e-01
## 6089 3.4169405787 -6.148126e-01
## 6090 3.3369066630 -4.415283e-01
## 6091 3.3411902874 -6.008435e-01
## 6092 3.3080561880 -2.462563e-01
## 6093 3.0112351197 3.791315e-01
## 6094 3.0154748384 -5.509739e-01
## 6095 3.0533608943 -4.379551e-01
## 6096 3.0408048541 -7.155645e-01
## 6097 3.0639877337 -6.804518e-01
## 6098 3.0301452840 -6.517399e-01
## 6099 3.0267993838 -7.205866e-01
## 6100 3.0037035178 -6.833920e-01
## 6101 2.9725643442 -6.081867e-01
## 6102 2.9849785559 -6.972485e-01
## 6103 2.9745914700 -7.334584e-01
## 6104 2.9800629506 -5.557851e-01
## 6105 2.9179040828 -5.461910e-01
## 6106 2.8735002539 -6.282893e-01
## 6107 2.8588188982 -4.906241e-01
## 6108 2.8721160182 -5.503409e-01
## 6109 2.9439645329 -5.630439e-01
## 6110 2.9874636330 -6.638099e-01
## 6111 2.9802699745 -7.864088e-01
## 6112 2.9986027090 -7.275360e-01
## 6113 3.0352570030 -6.848269e-01
## 6114 3.1136669306 -5.737212e-01
## 6115 3.1673133642 -4.099466e-01
## 6116 3.1762616655 -5.121475e-01
## 6117 3.1589536689 -6.114926e-01
## 6118 3.1752262833 -6.604478e-01
```

```
## 6119 3.2092757558 -6.376302e-01
## 6120 3.2269435150 -5.932470e-01
## 6121 3.1818856200 -6.402608e-01
## 6122 3.1655257260 -6.855443e-01
## 6123 3.1524683595 -6.613903e-01
## 6124 3.1446536303 -7.503114e-01
## 6125 3.1727630255 -6.067378e-01
## 6126 3.1863326286 -6.593364e-01
## 6127 3.1582996038 -3.733428e-01
## 6128 3.0419056954 -3.659573e-01
## 6129 3.0287174095 -6.315811e-01
## 6130 3.0684129229 -6.835608e-01
## 6131 3.1075959338 -6.880624e-01
## 6132 3.1179721106 -7.250882e-01
## 6133 3.0964786783 -5.115003e-01
## 6134 2.99855590692 -3.994803e-01
## 6135 2.9823846447 -6.623328e-01
## 6136 2.9648584491 -6.229296e-01
## 6137 2.9629183381 -6.238862e-01
## 6138 2.8610314922 -3.864959e-01
## 6139 2.8950591454 -5.628892e-01
## 6140 2.9397572778 -6.664546e-01
## 6141 2.9838122543 -6.838843e-01
## 6142 2.9687604916 -7.416880e-01
## 6143 2.9226344847 -7.366237e-01
## 6144 2.9237571465 -7.668127e-01
## 6145 2.9640300897 -6.823369e-01
## 6146 2.9810113191 -7.260308e-01
## 6147 3.0999882286 -2.941001e-01
## 6148 3.1411004403 -5.762674e-01
## 6149 3.1382774198 -6.871199e-01
## 6150 3.1065714618 -7.217683e-01
## 6151 3.1283155568 -7.581189e-01
## 6152 3.0199109379 -5.811911e-01
## 6153 3.0033658405 -7.096421e-01
## 6154 3.0640750133 -6.432009e-01
## 6155 3.0819716158 -6.426523e-01
## 6156 3.1409152368 -2.197108e-01
## 6157 3.0601075117 -1.103496e-01
## 6158 3.0009025827 -5.151016e-01
## 6159 2.9950604292 -6.531467e-01
## 6160 3.0727181019 -5.448827e-01
## 6161 3.1740818010 -2.697492e-01
## 6162 3.2198480452 -3.198297e-01
## 6163 3.1871391675 -5.903491e-01
## 6164 3.2822357562 -4.185981e-01
## 6165 3.1795860123 -4.562289e-01
## 6166 3.1691771059 -7.042401e-01
## 6167 3.2265619319 -6.444529e-01
## 6168 3.2489382737 -6.106486e-01
```

```
## 6169 3.2435104318 -7.108941e-01
## 6170 3.2525569229 -6.626142e-01
## 6171 3.4128424236 -2.204423e-01
## 6172 3.3915996539 -3.283125e-01
## 6173 3.2782467001 -3.416063e-01
## 6174 3.2863884624 -5.036647e-01
## 6175 3.2867915989 -6.952931e-01
## 6176 3.2041203981 -6.019829e-01
## 6177 3.2662574454 -5.633956e-01
## 6178 3.2068561378 -4.599286e-01
## 6179 3.1378088242 -4.958431e-01
## 6180 3.1308770033 -5.675174e-01
## 6181 3.0790288521 -4.550753e-01
## 6182 3.1199885910 -5.384397e-01
## 6183 3.2245348073 -5.556725e-01
## 6184 3.2243929777 -7.044793e-01
## 6185 3.1810790810 -6.987960e-01
## 6186 3.1383756096 -5.959058e-01
## 6187 3.0807292107 -5.854958e-01
## 6188 3.0703530339 -6.290630e-01
## 6189 3.1624195793 -4.896675e-01
## 6190 3.0655462627 -5.945975e-01
## 6191 3.0905386010 -4.211021e-01
## 6192 3.0264832609 -6.192439e-01
## 6193 3.0992471487 -6.292037e-01
## 6194 3.1127622018 -6.356748e-01
## 6195 3.1134489975 -7.640273e-01
## 6196 3.0829524491 -6.099874e-01
## 6197 3.1045658906 -6.384742e-01
## 6198 3.0727399223 -7.713002e-01
## 6199 3.0606088380 -7.584284e-01
## 6200 3.0185921624 -6.863602e-01
## 6201 3.0989746657 -5.760001e-01
## 6202 3.0361399113 -5.253147e-01
## 6203 2.9671471477 -5.704997e-01
## 6204 2.9431034439 -6.573248e-01
## 6205 2.9278443925 -6.949696e-01
## 6206 2.9045633230 -4.052339e-01
## 6207 2.9890548916 -5.810223e-01
## 6208 2.9856759959 -6.708859e-01
## 6209 2.8986341548 -6.557070e-01
## 6210 2.9187760820 -6.994149e-01
## 6211 2.8485736418 -5.494687e-01
## 6212 2.7914937614 -6.482934e-01
## 6213 2.6905334658 -5.165365e-01
## 6214 2.4938116041 1.305576e-01
## 6215 2.5352505841 7.183953e-02
## 6216 2.4358924562 -3.839497e-01
## 6217 2.4116196432 -3.503423e-01
## 6218 2.4282956600 -4.775553e-01
```

```

## 6219 2.5229127428 -4.995288e-01
## 6220 2.6448869648 -4.719845e-01
## 6221 2.6802009288 -6.062454e-01
## 6222 2.6675357886 -4.085257e-01
## 6223 2.4110310373 5.635573e-01
## 6224 2.8207149093 7.599687e-01
## 6225 2.8271672232 -3.009510e-01
## 6226 2.9029829747 -4.879372e-01
## 6227 2.8981000989 -5.389602e-01
## 6228 2.8504482926 -5.426037e-01
## 6229 2.7259780832 -4.804814e-01
## 6230 2.7668178130 -4.373643e-01
## 6231 2.7961041541 -6.257993e-01
## 6232 2.8307640530 -6.520776e-01
## 6233 2.7556023676 -5.723989e-01
## 6234 2.7108933250 -5.754093e-01
## 6235 2.6584892975 -5.576560e-01
## 6236 2.5414197706 -5.709077e-01
## 6237 2.6837865825 -3.138791e-01
## 6238 2.7367683068 -5.839061e-01
## 6239 2.7318527014 -6.178512e-01
## 6240 2.6790782670 -7.071521e-01
## 6241 2.6989258907 -6.898490e-01
## 6242 2.6083742345 -5.641975e-01
## 6243 2.5591638992 -5.941895e-01
## 6244 2.3806765844 -4.113111e-01
## 6245 2.3493192118 -3.780554e-01
## 6246 2.4204809308 -4.414017e-01
## 6247 2.5848100377 -7.278914e-02
## 6248 2.5566242721 -5.387914e-01
## 6249 2.4765906223 -5.016812e-01
## 6250 2.5967774720 -4.911446e-01
## 6251 2.7218471975 -4.252099e-01
## 6252 2.8119845410 -5.097841e-01
## 6253 2.8994297846 -2.995302e-01
## 6254 2.9046833322 -5.547722e-01
## 6255 2.9787441751 -5.720190e-01
## 6256 2.9464602543 -6.302166e-01
## 6257 2.9517247121 -6.239846e-01

library(e1071)

## Warning: package 'e1071' was built under R version 4.3.2

# Function to classify skewness
classify_skewness <- function(skew) {
  if (skew <= 0.5 & skew >= -0.5) {
    return("lowly skewed")
  } else if (skew > 1 | skew < -1) {
    return("highly skewed")
  }
}

```

```

} else {
  return("moderately skewed")
}
}

# Apply the skewness logic to each numeric column
skewness_results <- df %>%
  select(-Date) %>% # Exclude the Date column
  summarise(across(everything(), ~ {
    skew = skewness(.)
    classification = classify_skewness(skew)
    return(classification)
})))

# Print the results
print(skewness_results)

##           Open        High        Low      Close   Adj.Close
## 1 highly skewed highly skewed highly skewed highly skewed highly skewed
##          Volume
## 1 highly skewed

# Function to classify kurtosis
classify_kurtosis <- function(kurt) {
  if (kurt < 3) {
    return("platykurtic (less peaked)")
  } else if (kurt == 3) {
    return("mesokurtic (normal distribution)")
  } else {
    return("leptokurtic (more peaked)")
  }
}
df1$Date=as.Date(df1$Date)
# Apply the kurtosis logic to each numeric column
kurtosis_results <- df1 %>%
  select(-Date) %>% # Exclude the Date column
  summarise(across(everything(), ~ {
    kurt = kurtosis(.)
    classification = classify_kurtosis(kurt)
    return(classification)
})))

# Print the results
print(kurtosis_results)

##           Open        High
## 1 platykurtic (less peaked) platykurtic (less peaked) platykurtic (less
##          peaked)
##          Close       Adj.Close

```

```

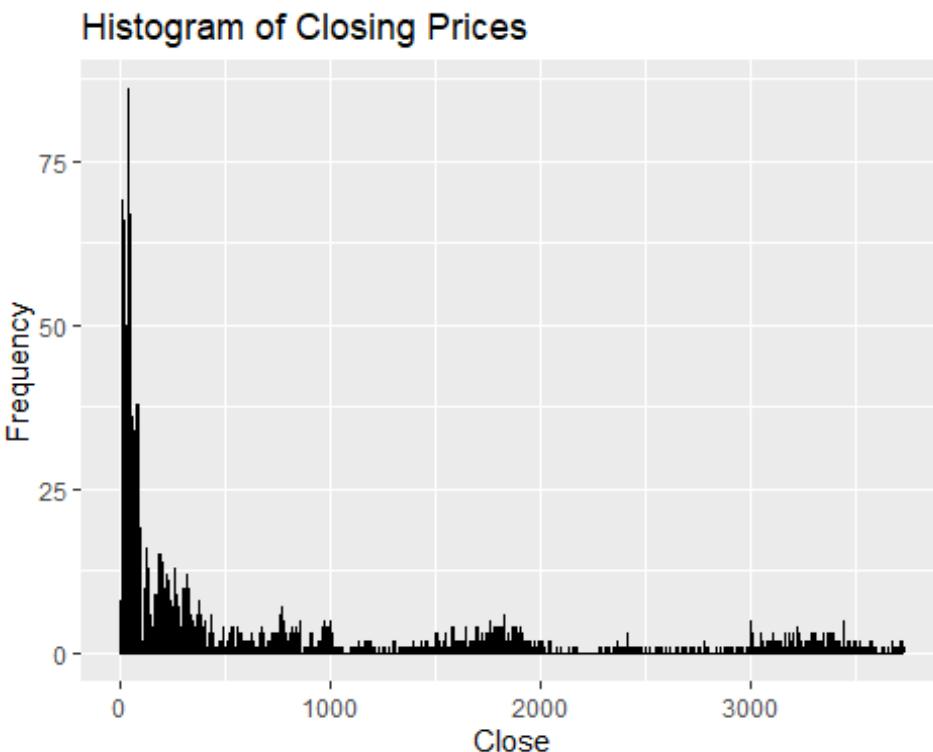
Volume
## 1 platykurtic (less peaked) platykurtic (less peaked) leptokurtic (more
peaked)

library(ggplot2)

## Warning: package 'ggplot2' was built under R version 4.3.2

# Histogram of Closing Prices
ggplot(df, aes(x = Close)) +
  geom_histogram(binwidth = 1, fill = "blue", color = "black") +
  labs(title = "Histogram of Closing Prices", x = "Close", y = "Frequency")

```



```

library(lubridate)

## Warning: package 'lubridate' was built under R version 4.3.3

##
## Attaching package: 'lubridate'

## The following objects are masked from 'package:base':
## 
##     date, intersect, setdiff, union

# Convert Date column to Date type (if not already)
df$Date <- as.Date(df$Date)

# Extract month from Date

```

```

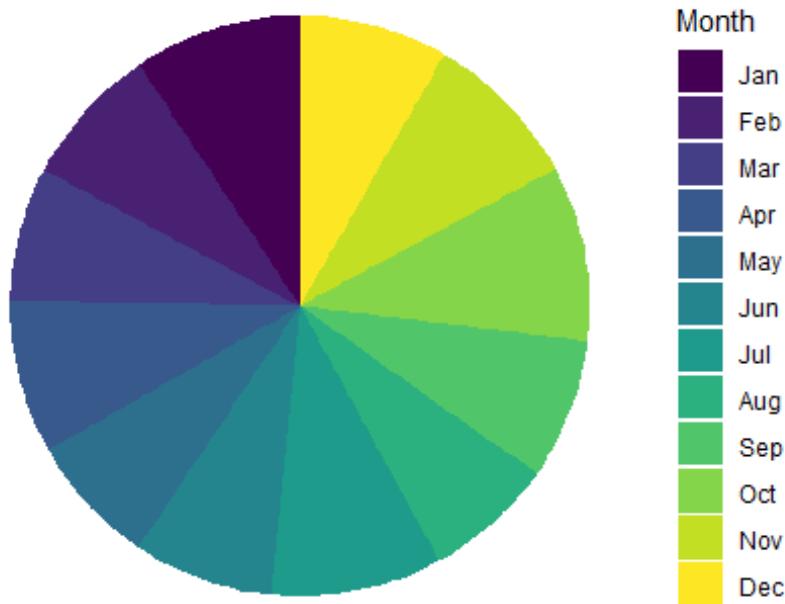
df <- df %>%
  mutate(Month = month(Date, label = TRUE))

# Summarize volume by month
df_pie <- df %>%
  group_by(Month) %>%
  summarise(Total_Volume = sum(Volume))

# Pie Chart
ggplot(df_pie, aes(x = "", y = Total_Volume, fill = Month)) +
  geom_bar(stat = "identity", width = 1) +
  coord_polar(theta = "y") +
  labs(title = "Pie Chart of Total Volume by Month", x = "", y = "") +
  theme_void() # Remove axes

```

Pie Chart of Total Volume by Month



```

library(scales)

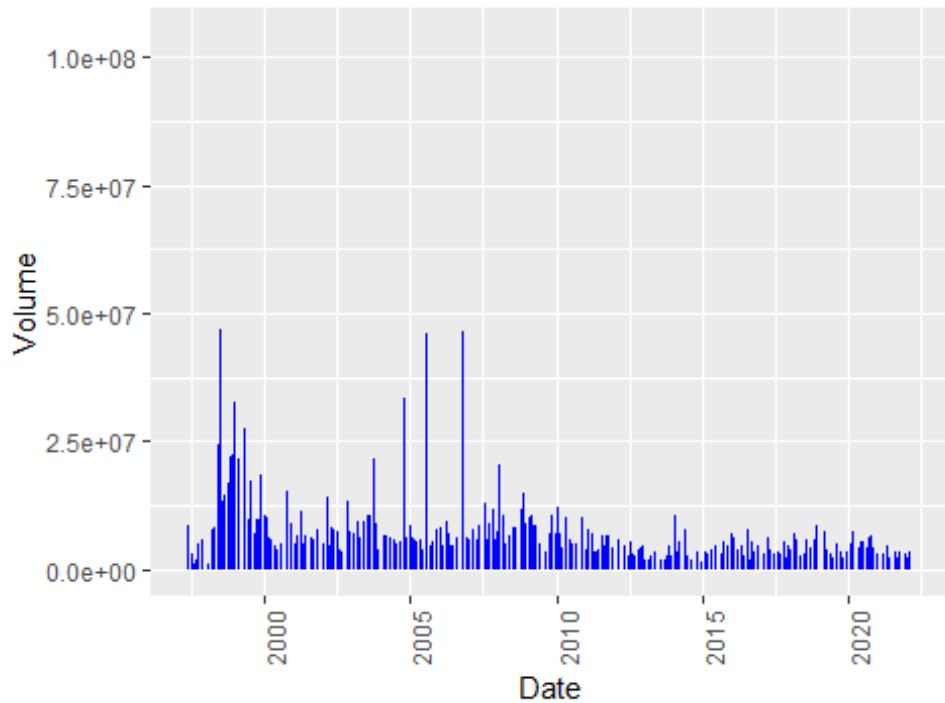
## Warning: package 'scales' was built under R version 4.3.2

# Convert Date column to Date type (if not already)
df$Date <- as.Date(df$Date)

# Bar Chart of Volume
ggplot(df, aes(x = Date, y = Volume)) +
  geom_bar(stat = "identity", fill = "blue") +
  labs(title = "Bar Chart of Volume", x = "Date", y = "Volume") +
  theme(axis.text.x = element_text(angle = 90, hjust = 1))

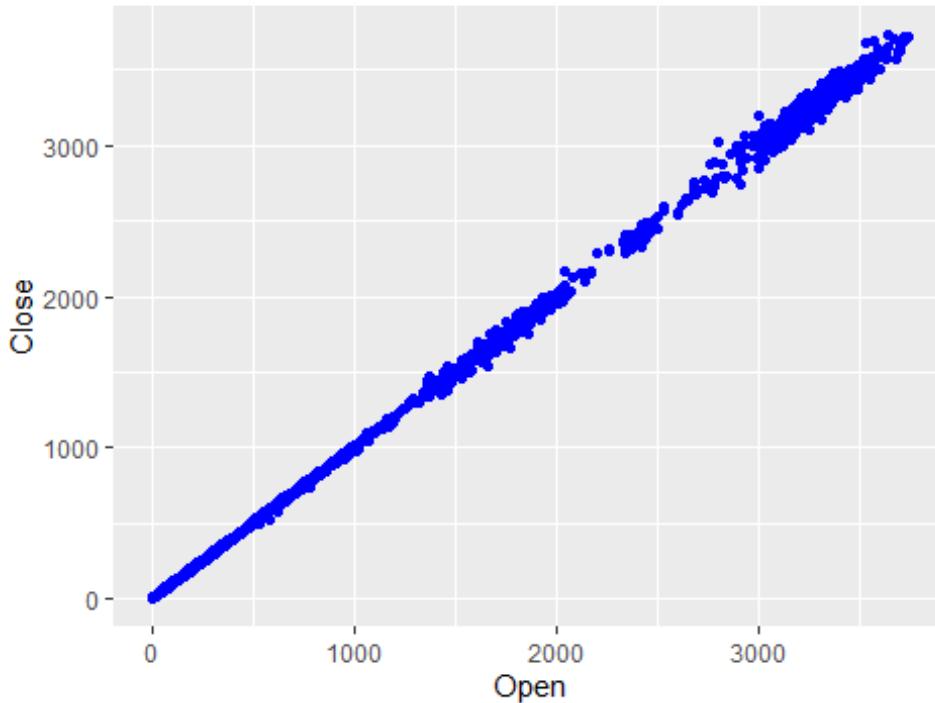
```

Bar Chart of Volume



```
# Scatter Plot of Open vs. Close Prices
ggplot(df, aes(x = Open, y = Close)) +
  geom_point(color = "blue") +
  labs(title = "Scatter Plot of Open vs. Close Prices", x = "Open", y =
"Close")
```

Scatter Plot of Open vs. Close Prices



```
# Calculate the Mahalanobis distance
mahalanobis_distance <- function(df) {
  # Select the Open and Close columns
  data <- df[, c("Open", "Close")]

  # Calculate the mean and covariance of the data
  mean_values <- colMeans(data)
  cov_matrix <- cov(data)

  # Check if the covariance matrix is near-singular
  if (det(cov_matrix) == 0) {
    stop("Covariance matrix is singular, cannot compute Mahalanobis
distance")
  }

  # Add a small constant to the diagonal of the covariance matrix to
  # regularize it
  small_constant <- 1e-6
  cov_matrix <- cov_matrix + diag(small_constant, ncol(cov_matrix))

  # Calculate the Mahalanobis distance
  mahalanobis_dist <- mahalanobis(data, mean_values, cov_matrix)

  return(mahalanobis_dist)
}
```

```
mahalanobis_distance(df)
```

```
## [1] 3.774480e-01 3.770323e-01 3.767610e-01 3.769049e-01 3.773708e-01
## [6] 3.771696e-01 3.769687e-01 3.768586e-01 3.770443e-01 3.770185e-01
## [11] 3.769982e-01 3.769842e-01 3.770677e-01 3.771619e-01 3.769160e-01
## [16] 3.767667e-01 3.767309e-01 3.770169e-01 3.769841e-01 3.768471e-01
## [21] 3.769185e-01 3.769234e-01 3.770792e-01 3.769911e-01 3.769842e-01
## [26] 3.769667e-01 3.770301e-01 3.769811e-01 3.769948e-01 3.769911e-01
## [31] 3.770307e-01 3.769261e-01 3.769958e-01 3.768517e-01 3.765769e-01
## [36] 3.763173e-01 3.759882e-01 3.758858e-01 3.756090e-01 3.762568e-01
## [41] 3.763821e-01 3.758592e-01 3.759986e-01 3.761666e-01 3.761429e-01
## [46] 3.760822e-01 3.761708e-01 3.759102e-01 3.760127e-01 3.760165e-01
## [51] 3.758681e-01 3.756607e-01 3.757718e-01 3.758317e-01 3.757442e-01
## [56] 3.759633e-01 3.761805e-01 3.759746e-01 3.761555e-01 3.759131e-01
## [61] 3.758721e-01 3.761396e-01 3.760872e-01 3.761346e-01 3.761904e-01
## [66] 3.762803e-01 3.760784e-01 3.761207e-01 3.761904e-01 3.761504e-01
## [71] 3.760087e-01 3.758406e-01 3.758982e-01 3.757999e-01 3.758950e-01
## [76] 3.758494e-01 3.758903e-01 3.755911e-01 3.757357e-01 3.754320e-01
## [81] 3.746441e-01 3.745964e-01 3.749985e-01 3.745970e-01 3.763152e-01
## [86] 3.745525e-01 3.744919e-01 3.747648e-01 3.744488e-01 3.735157e-01
## [91] 3.728039e-01 3.735703e-01 3.739536e-01 3.734081e-01 3.737038e-01
## [96] 3.733799e-01 3.744661e-01 3.736676e-01 3.736952e-01 3.734670e-01
## [101] 3.736009e-01 3.738046e-01 3.743548e-01 3.737826e-01 3.736314e-01
## [106] 3.737613e-01 3.737993e-01 3.747954e-01 3.741527e-01 3.738753e-01
## [111] 3.735313e-01 3.729369e-01 3.730696e-01 3.723763e-01 3.745645e-01
## [116] 3.752984e-01 3.718568e-01 3.722353e-01 3.726524e-01 3.723907e-01
## [121] 3.724141e-01 3.725938e-01 3.731517e-01 3.729950e-01 3.738443e-01
## [126] 3.742050e-01 3.739677e-01 3.739272e-01 3.734698e-01 3.731400e-01
## [131] 3.730838e-01 3.729507e-01 3.728758e-01 3.730582e-01 3.735143e-01
## [136] 3.734151e-01 3.733004e-01 3.736531e-01 3.732819e-01 3.733649e-01
## [141] 3.731626e-01 3.729643e-01 3.728528e-01 3.727051e-01 3.727318e-01
## [146] 3.730416e-01 3.728463e-01 3.730376e-01 3.728818e-01 3.732808e-01
## [151] 3.731296e-01 3.733218e-01 3.730696e-01 3.727376e-01 3.728779e-01
## [156] 3.728684e-01 3.729965e-01 3.726497e-01 3.725195e-01 3.722806e-01
## [161] 3.724141e-01 3.728044e-01 3.725213e-01 3.726595e-01 3.729147e-01
## [166] 3.741116e-01 3.732337e-01 3.729159e-01 3.725181e-01 3.723770e-01
## [171] 3.727995e-01 3.723659e-01 3.722080e-01 3.721217e-01 3.732092e-01
## [176] 3.727718e-01 3.727169e-01 3.726208e-01 3.723726e-01 3.725125e-01
## [181] 3.721182e-01 3.721532e-01 3.722441e-01 3.726237e-01 3.724663e-01
## [186] 3.725728e-01 3.722698e-01 3.719394e-01 3.719877e-01 3.721293e-01
## [191] 3.721958e-01 3.722928e-01 3.719966e-01 3.719472e-01 3.717604e-01
## [196] 3.717938e-01 3.716649e-01 3.717417e-01 3.707244e-01 3.705121e-01
## [201] 3.715417e-01 3.708135e-01 3.707446e-01 3.704446e-01 3.704041e-01
## [206] 3.700229e-01 3.704057e-01 3.702933e-01 3.703263e-01 3.702597e-01
## [211] 3.701211e-01 3.700678e-01 3.697847e-01 3.696713e-01 3.696808e-01
## [216] 3.696257e-01 3.703483e-01 3.697817e-01 3.695358e-01 3.694642e-01
## [221] 3.694948e-01 3.692973e-01 3.686096e-01 3.690858e-01 3.701758e-01
## [226] 3.695241e-01 3.691636e-01 3.684754e-01 3.685686e-01 3.683023e-01
## [231] 3.685088e-01 3.680819e-01 3.685385e-01 3.686258e-01 3.688918e-01
```

```

## [236] 3.704474e-01 3.711387e-01 3.696198e-01 3.698501e-01 3.684241e-01
## [241] 3.685610e-01 3.698696e-01 3.684947e-01 3.684184e-01 3.686145e-01
## [246] 3.694541e-01 3.688984e-01 3.687191e-01 3.705095e-01 3.689773e-01
## [251] 3.687018e-01 3.688629e-01 3.692809e-01 3.694074e-01 3.689425e-01
## [256] 3.693198e-01 3.691977e-01 3.697009e-01 3.705235e-01 3.699669e-01
## [261] 3.695636e-01 3.692188e-01 3.697424e-01 3.692926e-01 3.705187e-01
## [266] 3.692434e-01 3.691468e-01 3.690355e-01 3.692858e-01 3.673239e-01
## [271] 3.692896e-01 3.663118e-01 3.674307e-01 3.664060e-01 3.621376e-01
## [276] 3.711962e-01 3.638558e-01 3.644295e-01 3.699158e-01 3.586857e-01
## [281] 3.573428e-01 3.595069e-01 3.583327e-01 3.571829e-01 3.667444e-01
## [286] 3.572893e-01 3.609033e-01 3.943934e-01 3.579598e-01 3.586906e-01
## [291] 3.585444e-01 3.656860e-01 3.570062e-01 3.557229e-01 3.540764e-01
## [296] 3.570884e-01 3.721249e-01 3.530093e-01 3.496245e-01 3.517386e-01
## [301] 3.545007e-01 3.546646e-01 3.561810e-01 3.713518e-01 3.541690e-01
## [306] 3.561691e-01 3.555298e-01 3.548568e-01 3.603124e-01 3.568469e-01
## [311] 3.551377e-01 3.538294e-01 3.576527e-01 3.512797e-01 3.522167e-01
## [316] 3.586110e-01 3.529109e-01 3.552623e-01 3.515642e-01 3.511679e-01
## [321] 3.508731e-01 3.509162e-01 3.537968e-01 3.518874e-01 3.560302e-01
## [326] 3.747559e-01 4.060653e-01 3.623124e-01 3.612278e-01 3.602898e-01
## [331] 3.600197e-01 3.591047e-01 3.631376e-01 3.613865e-01 3.629051e-01
## [336] 3.674930e-01 3.630804e-01 3.690464e-01 3.634078e-01 3.615486e-01
## [341] 3.675341e-01 3.595436e-01 3.734099e-01 3.592952e-01 3.646137e-01
## [346] 3.537066e-01 3.560870e-01 3.544381e-01 3.595817e-01 3.565285e-01
## [351] 3.579541e-01 3.564077e-01 3.670789e-01 3.606642e-01 3.588742e-01
## [356] 3.602612e-01 3.589030e-01 3.586938e-01 3.580658e-01 3.570730e-01
## [361] 3.592846e-01 3.560643e-01 3.547759e-01 3.577249e-01 3.535660e-01
## [366] 3.526054e-01 3.598114e-01 3.532628e-01 3.532380e-01 3.512721e-01
## [371] 3.507650e-01 3.541733e-01 3.508961e-01 3.507923e-01 3.519809e-01
## [376] 3.529986e-01 3.509138e-01 3.563919e-01 3.525511e-01 3.529797e-01
## [381] 3.519699e-01 3.785504e-01 3.562387e-01 3.762194e-01 3.421028e-01
## [386] 3.974621e-01 3.416899e-01 3.374875e-01 3.321864e-01 4.101810e-01
## [391] 3.847335e-01 3.414479e-01 3.472030e-01 3.431535e-01 3.380294e-01
## [396] 3.527389e-01 3.421723e-01 3.350858e-01 3.451289e-01 3.309418e-01
## [401] 3.482577e-01 3.972086e-01 3.336259e-01 3.185533e-01 3.313820e-01
## [406] 3.125886e-01 3.108475e-01 3.102424e-01 3.433369e-01 3.385284e-01
## [411] 3.241896e-01 3.117253e-01 3.703814e-01 4.823816e-01 2.939210e-01
## [416] 6.691584e-01 7.623024e-01 2.654546e-01 5.241671e-01 7.215289e-01
## [421] 4.141711e-01 2.906971e-01 3.880703e-01 7.165012e-01 3.127372e-01
## [426] 7.550356e-01 3.785905e-01 3.102261e-01 3.612449e-01 3.123413e-01
## [431] 3.238819e-01 3.085654e-01 3.411878e-01 5.290141e-01 3.492260e-01
## [436] 3.065305e-01 3.334042e-01 3.690889e-01 3.171763e-01 3.798181e-01
## [441] 3.231050e-01 3.742180e-01 3.402973e-01 3.637462e-01 3.587509e-01
## [446] 3.285818e-01 3.258386e-01 3.468850e-01 3.562971e-01 2.991829e-01
## [451] 3.237026e-01 4.479908e-01 3.007619e-01 3.278541e-01 3.073156e-01
## [456] 3.017489e-01 3.150758e-01 2.926092e-01 3.146444e-01 2.953538e-01
## [461] 3.196195e-01 3.179549e-01 2.963363e-01 3.164015e-01 3.337514e-01
## [466] 2.970142e-01 3.762579e-01 3.342848e-01 3.882185e-01 2.923447e-01
## [471] 2.854325e-01 4.080954e-01 2.728285e-01 3.326954e-01 4.219953e-01
## [476] 2.686751e-01 3.692208e-01 2.822778e-01 2.841949e-01 3.214309e-01
## [481] 3.284601e-01 4.400450e-01 2.764042e-01 2.924451e-01 1.036663e+00

```

```

## [486] 4.491663e-01 3.064057e-01 2.887676e-01 4.960502e-01 2.557063e-01
## [491] 3.579280e-01 2.963995e-01 2.898161e-01 2.934483e-01 4.986657e-01
## [496] 3.680202e-01 2.922860e-01 3.884072e-01 3.098066e-01 3.722047e-01
## [501] 2.908621e-01 3.119937e-01 3.532362e-01 2.959971e-01 3.390727e-01
## [506] 3.080932e-01 3.163135e-01 3.268367e-01 3.020728e-01 4.095661e-01
## [511] 3.359930e-01 3.504546e-01 3.284439e-01 3.109432e-01 3.395078e-01
## [516] 3.510699e-01 3.792833e-01 3.156691e-01 3.669677e-01 3.688972e-01
## [521] 3.063514e-01 3.180234e-01 3.855358e-01 4.411006e-01 3.310271e-01
## [526] 3.949309e-01 3.081444e-01 3.084498e-01 3.806365e-01 3.323842e-01
## [531] 3.076052e-01 3.244175e-01 3.425399e-01 3.085149e-01 3.319313e-01
## [536] 3.597035e-01 3.088157e-01 3.006968e-01 2.999313e-01 3.175550e-01
## [541] 2.996418e-01 2.999192e-01 3.543244e-01 3.780750e-01 3.406050e-01
## [546] 3.075271e-01 2.935515e-01 3.121320e-01 3.719553e-01 3.149319e-01
## [551] 3.899106e-01 3.237325e-01 3.291041e-01 3.693135e-01 3.222905e-01
## [556] 3.146490e-01 3.188450e-01 3.354993e-01 3.222672e-01 3.467282e-01
## [561] 3.922941e-01 3.644529e-01 3.551944e-01 3.453500e-01 3.224983e-01
## [566] 3.202222e-01 3.208041e-01 3.158891e-01 3.709152e-01 3.106585e-01
## [571] 3.299660e-01 3.480567e-01 3.081377e-01 3.155583e-01 3.771892e-01
## [576] 3.149341e-01 3.014183e-01 3.624435e-01 3.287882e-01 3.574103e-01
## [581] 3.234069e-01 3.050275e-01 3.021538e-01 3.023227e-01 2.984189e-01
## [586] 2.958267e-01 3.175467e-01 3.293827e-01 3.129318e-01 2.966825e-01
## [591] 3.098795e-01 3.027811e-01 3.010931e-01 3.267844e-01 3.771000e-01
## [596] 3.254665e-01 3.449159e-01 3.322318e-01 9.484422e-01 2.793140e-01
## [601] 2.825271e-01 3.022766e-01 2.862811e-01 3.028941e-01 2.797693e-01
## [606] 2.866439e-01 2.717937e-01 2.996818e-01 3.020783e-01 2.827668e-01
## [611] 2.874580e-01 2.898279e-01 2.868388e-01 2.937771e-01 3.036562e-01
## [616] 3.081645e-01 3.215038e-01 2.901642e-01 3.245291e-01 2.965899e-01
## [621] 3.059982e-01 2.952325e-01 3.329247e-01 3.155554e-01 3.574094e-01
## [626] 2.968974e-01 8.549396e-01 7.105355e-01 2.889934e-01 2.982214e-01
## [631] 2.893342e-01 3.026114e-01 3.517985e-01 2.906951e-01 2.858644e-01
## [636] 2.816066e-01 3.006194e-01 2.830162e-01 2.998507e-01 2.778026e-01
## [641] 3.542343e-01 3.086658e-01 2.911227e-01 2.990550e-01 3.909914e-01
## [646] 2.726278e-01 2.854455e-01 2.790532e-01 4.698757e-01 3.424374e-01
## [651] 3.116930e-01 4.835852e-01 3.031228e-01 3.013026e-01 2.967368e-01
## [656] 2.620958e-01 2.923057e-01 2.875953e-01 4.833027e-01 4.262814e-01
## [661] 2.787162e-01 2.752089e-01 3.852521e-01 3.187073e-01 4.721298e-01
## [666] 3.175328e-01 2.933390e-01 4.084328e-01 3.122004e-01 3.310614e-01
## [671] 2.948123e-01 3.621460e-01 2.985850e-01 3.195020e-01 2.991086e-01
## [676] 3.175534e-01 3.139025e-01 3.232067e-01 3.115436e-01 2.939287e-01
## [681] 3.469243e-01 3.039560e-01 3.386295e-01 3.538690e-01 2.939345e-01
## [686] 2.984185e-01 3.045447e-01 3.407513e-01 2.901680e-01 5.492916e-01
## [691] 2.793489e-01 3.023008e-01 2.869218e-01 2.913558e-01 2.867326e-01
## [696] 3.050294e-01 3.097899e-01 3.438300e-01 3.053579e-01 3.910416e-01
## [701] 3.085883e-01 3.006971e-01 2.984243e-01 3.185289e-01 3.066504e-01
## [706] 3.194476e-01 3.019487e-01 3.013566e-01 3.054326e-01 2.987297e-01
## [711] 4.022793e-01 2.951821e-01 3.015980e-01 2.968593e-01 3.020150e-01
## [716] 3.468621e-01 3.027220e-01 2.990344e-01 4.600428e-01 2.902585e-01
## [721] 3.052605e-01 3.009607e-01 2.894188e-01 3.084575e-01 3.317594e-01
## [726] 3.074862e-01 2.945191e-01 3.109713e-01 3.013566e-01 3.005848e-01
## [731] 2.995315e-01 3.125144e-01 3.502770e-01 3.008953e-01 5.038325e-01

```

```

## [736] 6.462411e-01 3.225028e-01 3.285348e-01 4.833862e-01 3.232168e-01
## [741] 3.157509e-01 3.155296e-01 3.129059e-01 3.106320e-01 3.519398e-01
## [746] 3.127106e-01 3.526814e-01 3.399675e-01 3.145574e-01 3.105356e-01
## [751] 3.527933e-01 3.100171e-01 3.075866e-01 3.163204e-01 3.114336e-01
## [756] 3.136432e-01 3.261669e-01 3.155184e-01 3.482541e-01 3.936928e-01
## [761] 3.258777e-01 3.173024e-01 3.690810e-01 3.306458e-01 3.755209e-01
## [766] 3.192525e-01 3.761715e-01 3.378392e-01 3.197569e-01 4.034829e-01
## [771] 3.105638e-01 3.550642e-01 3.126956e-01 3.144649e-01 3.122904e-01
## [776] 3.653066e-01 3.179067e-01 3.480972e-01 3.212947e-01 3.255737e-01
## [781] 3.208352e-01 3.197143e-01 3.207031e-01 3.850985e-01 3.614776e-01
## [786] 3.418247e-01 3.553445e-01 3.326956e-01 3.308156e-01 3.337581e-01
## [791] 3.311383e-01 3.326862e-01 3.347601e-01 3.320708e-01 3.398111e-01
## [796] 3.510712e-01 3.340678e-01 3.351066e-01 4.507873e-01 3.368678e-01
## [801] 3.330217e-01 3.277384e-01 3.284403e-01 3.270503e-01 3.477255e-01
## [806] 3.322918e-01 3.349631e-01 3.381114e-01 3.474464e-01 3.396317e-01
## [811] 3.401598e-01 3.395335e-01 3.509660e-01 3.373986e-01 3.449659e-01
## [816] 3.365755e-01 3.469746e-01 3.435723e-01 3.672698e-01 3.392212e-01
## [821] 3.574727e-01 3.321568e-01 3.294882e-01 3.288018e-01 3.395994e-01
## [826] 3.412094e-01 3.472352e-01 3.282109e-01 3.290883e-01 3.284805e-01
## [831] 3.276776e-01 3.243442e-01 3.349346e-01 3.269594e-01 3.929144e-01
## [836] 3.268793e-01 3.609687e-01 3.283251e-01 3.245953e-01 3.257852e-01
## [841] 3.278443e-01 3.224088e-01 3.337494e-01 3.256298e-01 3.326646e-01
## [846] 3.605273e-01 3.487477e-01 3.551056e-01 3.295394e-01 3.305148e-01
## [851] 3.324817e-01 3.498980e-01 3.305072e-01 3.513516e-01 3.437451e-01
## [856] 3.527516e-01 3.449236e-01 3.412440e-01 3.399479e-01 3.404621e-01
## [861] 3.427160e-01 3.829388e-01 3.978599e-01 3.975103e-01 3.804693e-01
## [866] 4.348102e-01 3.467252e-01 3.695989e-01 3.399693e-01 3.408584e-01
## [871] 3.535641e-01 4.018089e-01 3.413029e-01 3.363814e-01 3.809907e-01
## [876] 3.378281e-01 3.361589e-01 3.378667e-01 3.458421e-01 3.314648e-01
## [881] 3.510218e-01 3.458536e-01 3.416684e-01 3.464609e-01 3.411790e-01
## [886] 3.425257e-01 3.456142e-01 3.444314e-01 3.453729e-01 3.672229e-01
## [891] 3.509640e-01 3.608594e-01 3.534832e-01 3.498069e-01 3.536559e-01
## [896] 3.466435e-01 3.471729e-01 3.497336e-01 3.568554e-01 3.523028e-01
## [901] 3.612761e-01 3.481853e-01 3.642169e-01 3.506104e-01 3.756580e-01
## [906] 3.562196e-01 3.498783e-01 3.558416e-01 3.702313e-01 3.574841e-01
## [911] 3.642766e-01 3.584706e-01 3.575546e-01 3.587390e-01 3.574860e-01
## [916] 3.637855e-01 3.742309e-01 4.050994e-01 3.668413e-01 3.631836e-01
## [921] 3.597644e-01 3.672259e-01 3.582387e-01 3.610107e-01 3.558355e-01
## [926] 3.555027e-01 3.558627e-01 3.568576e-01 3.536038e-01 3.584791e-01
## [931] 3.547784e-01 3.727310e-01 3.794798e-01 3.540200e-01 3.552378e-01
## [936] 3.637208e-01 3.658408e-01 3.609750e-01 3.711648e-01 3.601040e-01
## [941] 3.702244e-01 3.593683e-01 3.634294e-01 3.647418e-01 3.600448e-01
## [946] 3.667056e-01 3.600200e-01 3.625378e-01 3.608357e-01 3.672887e-01
## [951] 3.636647e-01 3.632050e-01 3.633693e-01 3.632809e-01 3.634514e-01
## [956] 3.698470e-01 3.658448e-01 3.657271e-01 3.623127e-01 3.687629e-01
## [961] 3.628846e-01 3.638396e-01 3.644596e-01 3.671992e-01 3.643931e-01
## [966] 3.651255e-01 3.656814e-01 3.646322e-01 3.670281e-01 3.658870e-01
## [971] 3.663971e-01 3.654352e-01 3.661497e-01 3.645154e-01 3.648428e-01
## [976] 3.651291e-01 3.671266e-01 3.653764e-01 3.726633e-01 3.675832e-01
## [981] 3.680165e-01 3.668394e-01 3.691115e-01 3.659918e-01 3.645756e-01

```

```

## [986] 3.613725e-01 3.673562e-01 3.614204e-01 3.618163e-01 3.592007e-01
## [991] 3.611300e-01 3.581164e-01 3.578060e-01 3.606155e-01 3.580204e-01
## [996] 3.612925e-01 3.597244e-01 3.581119e-01 3.593665e-01 3.564109e-01
## [1001] 3.569268e-01 3.599801e-01 3.575350e-01 3.576933e-01 3.604131e-01
## [1006] 3.621169e-01 3.595410e-01 3.668209e-01 3.610611e-01 3.614200e-01
## [1011] 3.606111e-01 3.596126e-01 3.633160e-01 3.587925e-01 3.599038e-01
## [1016] 3.598571e-01 3.568076e-01 3.562421e-01 3.613656e-01 3.588504e-01
## [1021] 3.569967e-01 3.574460e-01 3.588992e-01 3.597809e-01 3.578078e-01
## [1026] 3.595529e-01 3.610600e-01 3.595949e-01 3.631305e-01 3.641585e-01
## [1031] 3.636354e-01 3.649417e-01 3.685122e-01 3.669127e-01 3.619522e-01
## [1036] 3.647506e-01 3.619839e-01 3.626916e-01 3.604392e-01 3.599594e-01
## [1041] 3.604325e-01 3.601207e-01 3.609214e-01 3.614737e-01 3.590300e-01
## [1046] 3.585220e-01 3.593528e-01 3.587774e-01 3.588178e-01 3.578696e-01
## [1051] 3.612378e-01 3.579511e-01 3.579930e-01 3.573864e-01 3.569745e-01
## [1056] 3.616294e-01 3.720092e-01 3.662028e-01 3.636981e-01 3.628131e-01
## [1061] 3.625345e-01 3.625928e-01 3.627279e-01 3.635918e-01 3.629560e-01
## [1066] 3.636307e-01 3.640502e-01 3.650130e-01 3.670423e-01 3.674680e-01
## [1071] 3.655363e-01 3.650280e-01 3.665784e-01 3.663598e-01 3.661972e-01
## [1076] 3.651991e-01 3.685169e-01 3.654229e-01 3.673243e-01 3.656746e-01
## [1081] 3.655151e-01 3.659093e-01 3.696873e-01 3.681126e-01 3.671511e-01
## [1086] 3.682146e-01 3.728146e-01 3.682805e-01 3.683463e-01 3.675509e-01
## [1091] 3.690268e-01 3.697685e-01 3.692901e-01 3.692660e-01 3.696477e-01
## [1096] 3.693989e-01 3.703273e-01 3.734550e-01 3.711400e-01 3.714700e-01
## [1101] 3.709569e-01 3.709738e-01 3.707876e-01 3.696570e-01 3.694423e-01
## [1106] 3.694901e-01 3.700454e-01 3.695389e-01 3.686772e-01 3.683863e-01
## [1111] 3.681599e-01 3.664496e-01 3.715049e-01 3.686345e-01 3.693902e-01
## [1116] 3.685362e-01 3.664180e-01 3.696309e-01 3.689012e-01 3.689881e-01
## [1121] 3.709884e-01 3.719582e-01 3.697022e-01 3.698729e-01 3.703936e-01
## [1126] 3.697917e-01 3.696262e-01 3.694331e-01 3.717141e-01 3.694860e-01
## [1131] 3.697122e-01 3.694529e-01 3.767656e-01 3.671571e-01 3.674721e-01
## [1136] 3.669552e-01 3.685713e-01 3.672648e-01 3.669186e-01 3.802259e-01
## [1141] 3.651750e-01 3.638115e-01 3.664513e-01 3.639562e-01 3.663097e-01
## [1146] 3.658981e-01 3.651295e-01 3.629180e-01 3.649164e-01 3.635068e-01
## [1151] 3.628073e-01 3.643981e-01 3.663246e-01 3.644806e-01 3.650903e-01
## [1156] 3.648053e-01 3.647828e-01 3.663451e-01 3.662102e-01 3.664615e-01
## [1161] 3.642351e-01 3.671219e-01 3.645257e-01 3.649815e-01 3.644256e-01
## [1166] 3.647199e-01 3.627845e-01 3.626976e-01 3.641053e-01 3.645606e-01
## [1171] 3.659823e-01 3.643483e-01 3.675559e-01 3.653610e-01 3.699574e-01
## [1176] 3.661172e-01 3.662021e-01 3.624328e-01 3.624688e-01 3.649791e-01
## [1181] 3.619359e-01 3.594801e-01 3.667275e-01 3.606492e-01 3.601769e-01
## [1186] 3.613873e-01 3.630813e-01 3.647810e-01 3.657880e-01 3.640783e-01
## [1191] 3.651862e-01 3.624278e-01 3.620242e-01 3.613886e-01 3.612607e-01
## [1196] 3.623477e-01 3.617239e-01 3.621241e-01 3.616211e-01 3.616581e-01
## [1201] 3.617906e-01 3.620411e-01 3.605211e-01 3.605504e-01 3.631808e-01
## [1206] 3.603360e-01 3.578964e-01 3.641168e-01 3.608660e-01 3.573561e-01
## [1211] 3.580183e-01 3.574612e-01 3.586753e-01 3.609846e-01 3.607428e-01
## [1216] 3.610884e-01 3.606708e-01 3.597856e-01 3.596065e-01 3.587714e-01
## [1221] 3.616795e-01 3.593739e-01 3.603258e-01 3.601492e-01 3.600000e-01
## [1226] 3.608566e-01 3.629220e-01 3.612840e-01 3.613008e-01 3.631356e-01
## [1231] 3.619841e-01 3.615562e-01 3.633892e-01 3.616721e-01 3.610535e-01

```

```

## [1236] 3.606326e-01 3.601584e-01 3.610107e-01 3.597440e-01 3.604446e-01
## [1241] 3.608209e-01 3.640015e-01 3.569094e-01 3.566306e-01 3.590120e-01
## [1246] 3.576578e-01 3.572447e-01 3.575235e-01 3.579836e-01 3.576841e-01
## [1251] 3.576935e-01 3.576470e-01 3.564722e-01 3.601596e-01 3.561061e-01
## [1256] 3.557148e-01 3.572837e-01 3.531208e-01 3.563691e-01 3.542522e-01
## [1261] 3.567134e-01 3.542350e-01 3.542430e-01 3.533022e-01 3.550118e-01
## [1266] 3.540275e-01 3.553030e-01 3.553310e-01 3.558927e-01 3.552711e-01
## [1271] 3.552409e-01 3.551131e-01 3.556699e-01 3.576850e-01 3.565455e-01
## [1276] 3.564155e-01 3.563425e-01 3.572930e-01 3.609560e-01 3.552554e-01
## [1281] 3.550720e-01 3.582312e-01 3.559007e-01 3.558457e-01 3.675871e-01
## [1286] 3.618355e-01 3.583721e-01 3.582303e-01 3.854022e-01 3.617660e-01
## [1291] 3.621316e-01 3.606275e-01 3.592269e-01 3.590458e-01 3.611793e-01
## [1296] 3.605419e-01 3.591070e-01 3.583778e-01 3.583094e-01 3.595589e-01
## [1301] 3.590939e-01 3.588205e-01 3.586937e-01 3.635671e-01 3.692598e-01
## [1306] 3.680987e-01 3.618751e-01 3.632662e-01 3.602237e-01 3.598614e-01
## [1311] 3.604032e-01 3.611091e-01 3.644132e-01 3.612497e-01 3.615296e-01
## [1316] 3.616432e-01 3.611351e-01 3.600020e-01 3.612136e-01 3.605810e-01
## [1321] 3.603871e-01 3.598411e-01 3.595550e-01 3.587130e-01 3.600573e-01
## [1326] 3.584895e-01 3.597850e-01 3.598743e-01 3.609723e-01 3.596789e-01
## [1331] 3.602230e-01 3.592063e-01 3.597696e-01 3.593616e-01 3.606779e-01
## [1336] 3.601723e-01 3.627952e-01 3.572170e-01 3.564190e-01 3.569268e-01
## [1341] 3.571092e-01 3.569293e-01 3.562849e-01 3.561570e-01 3.564897e-01
## [1346] 3.673466e-01 3.581849e-01 3.579055e-01 3.590878e-01 3.605870e-01
## [1351] 3.565140e-01 3.600154e-01 3.579086e-01 3.565389e-01 3.568878e-01
## [1356] 3.578827e-01 3.569778e-01 3.565895e-01 3.567092e-01 3.569559e-01
## [1361] 3.547368e-01 3.565561e-01 3.572180e-01 3.575575e-01 3.611969e-01
## [1366] 3.546076e-01 3.538430e-01 3.536876e-01 3.530086e-01 3.528982e-01
## [1371] 3.539885e-01 3.564433e-01 3.544707e-01 3.538764e-01 3.536431e-01
## [1376] 3.536885e-01 3.558049e-01 3.542739e-01 3.542511e-01 3.538684e-01
## [1381] 3.537419e-01 3.546944e-01 3.545956e-01 3.537856e-01 3.511117e-01
## [1386] 3.529286e-01 3.498168e-01 3.524592e-01 3.560224e-01 3.482283e-01
## [1391] 3.491314e-01 3.471977e-01 3.498723e-01 3.476088e-01 3.508864e-01
## [1396] 3.473652e-01 3.478901e-01 3.483404e-01 3.537862e-01 3.515153e-01
## [1401] 3.517809e-01 3.503241e-01 3.503336e-01 3.498584e-01 3.498698e-01
## [1406] 3.495016e-01 3.494450e-01 3.500839e-01 3.504328e-01 3.501316e-01
## [1411] 3.501920e-01 3.506761e-01 3.585120e-01 3.588451e-01 3.539158e-01
## [1416] 3.547134e-01 3.534609e-01 3.543182e-01 3.518638e-01 3.519558e-01
## [1421] 3.521422e-01 3.510121e-01 3.511612e-01 3.512827e-01 3.512396e-01
## [1426] 3.502251e-01 3.502911e-01 3.508744e-01 3.514337e-01 3.514334e-01
## [1431] 3.503934e-01 3.509465e-01 3.503156e-01 3.509867e-01 3.505894e-01
## [1436] 3.509792e-01 3.502772e-01 3.498862e-01 3.499687e-01 3.498410e-01
## [1441] 3.499936e-01 3.525954e-01 3.508288e-01 3.540917e-01 3.513711e-01
## [1446] 3.556981e-01 3.525381e-01 3.552596e-01 3.510829e-01 3.508812e-01
## [1451] 3.507126e-01 3.503251e-01 3.504770e-01 3.505137e-01 3.505724e-01
## [1456] 3.504396e-01 3.508740e-01 3.504688e-01 3.497078e-01 3.494143e-01
## [1461] 3.498483e-01 3.490253e-01 3.490352e-01 3.502339e-01 3.483533e-01
## [1466] 3.465700e-01 3.574661e-01 3.440824e-01 3.442550e-01 3.465568e-01
## [1471] 3.424891e-01 3.474843e-01 3.448147e-01 3.447642e-01 3.426616e-01
## [1476] 3.441851e-01 3.461391e-01 3.455086e-01 3.447417e-01 3.440709e-01
## [1481] 3.456970e-01 3.445817e-01 3.446371e-01 3.523590e-01 3.453967e-01

```

```

## [1486] 3.453216e-01 3.462018e-01 3.460885e-01 3.503119e-01 3.468220e-01
## [1491] 3.459150e-01 3.459822e-01 3.493031e-01 3.464554e-01 3.437307e-01
## [1496] 3.414261e-01 3.412350e-01 3.414564e-01 3.415280e-01 3.422368e-01
## [1501] 3.403994e-01 3.415513e-01 3.389058e-01 3.392183e-01 3.391588e-01
## [1506] 3.397128e-01 3.418587e-01 3.377664e-01 3.364820e-01 3.366335e-01
## [1511] 3.427527e-01 3.379958e-01 3.379336e-01 3.405522e-01 3.368442e-01
## [1516] 3.500795e-01 3.336737e-01 3.339034e-01 3.324835e-01 3.375710e-01
## [1521] 3.338280e-01 3.333003e-01 3.330775e-01 3.610287e-01 3.376355e-01
## [1526] 3.346401e-01 3.351132e-01 3.333187e-01 3.406031e-01 3.371418e-01
## [1531] 3.325020e-01 3.326445e-01 3.333098e-01 3.357474e-01 3.327379e-01
## [1536] 3.329699e-01 3.329756e-01 3.381366e-01 3.325560e-01 3.323037e-01
## [1541] 3.330065e-01 3.299886e-01 3.320581e-01 3.299004e-01 3.358989e-01
## [1546] 3.266221e-01 3.323619e-01 3.318916e-01 3.297172e-01 3.344055e-01
## [1551] 3.328915e-01 3.345405e-01 3.401720e-01 3.340300e-01 3.363681e-01
## [1556] 3.444281e-01 3.256848e-01 3.272631e-01 3.254988e-01 3.269823e-01
## [1561] 3.274391e-01 3.253148e-01 3.342030e-01 3.276902e-01 3.302480e-01
## [1566] 3.287234e-01 3.284514e-01 3.282725e-01 3.285981e-01 3.296518e-01
## [1571] 3.269836e-01 3.271373e-01 3.272165e-01 3.436776e-01 3.227725e-01
## [1576] 3.238370e-01 3.267242e-01 3.256122e-01 3.228114e-01 3.199930e-01
## [1581] 3.199156e-01 3.198540e-01 3.199783e-01 3.199402e-01 3.266346e-01
## [1586] 3.216256e-01 3.199590e-01 3.198572e-01 3.197287e-01 3.195333e-01
## [1591] 3.246574e-01 3.220675e-01 3.203872e-01 3.214293e-01 3.196150e-01
## [1596] 3.265896e-01 3.182518e-01 3.202930e-01 3.434537e-01 3.175107e-01
## [1601] 3.151308e-01 3.232320e-01 3.177761e-01 3.223141e-01 3.174644e-01
## [1606] 3.186206e-01 3.208406e-01 3.145216e-01 3.112346e-01 3.080416e-01
## [1611] 3.058009e-01 3.053574e-01 3.050687e-01 3.129725e-01 3.165555e-01
## [1616] 3.122881e-01 3.034614e-01 3.032345e-01 3.041777e-01 3.244370e-01
## [1621] 3.149716e-01 3.093975e-01 3.090555e-01 3.138925e-01 3.067238e-01
## [1626] 3.166714e-01 3.173185e-01 3.183323e-01 3.065453e-01 3.076432e-01
## [1631] 3.206229e-01 3.158222e-01 3.262578e-01 3.124725e-01 3.172235e-01
## [1636] 3.106020e-01 3.258181e-01 3.232430e-01 3.342895e-01 3.172960e-01
## [1641] 3.166010e-01 3.173909e-01 3.262727e-01 3.155126e-01 3.112536e-01
## [1646] 3.137648e-01 3.092998e-01 3.114158e-01 3.365203e-01 3.129159e-01
## [1651] 3.132273e-01 3.144990e-01 3.276663e-01 3.161717e-01 3.210637e-01
## [1656] 3.136574e-01 3.240700e-01 3.155593e-01 3.306073e-01 3.201852e-01
## [1661] 3.162360e-01 3.173322e-01 3.308403e-01 3.138155e-01 3.124331e-01
## [1666] 3.111222e-01 3.119815e-01 3.118946e-01 3.154011e-01 3.156663e-01
## [1671] 3.112292e-01 3.129364e-01 3.268133e-01 3.231032e-01 3.166297e-01
## [1676] 3.245692e-01 3.119160e-01 3.136993e-01 3.091597e-01 3.099687e-01
## [1681] 3.073157e-01 3.064368e-01 3.062251e-01 3.064001e-01 3.115848e-01
## [1686] 3.226296e-01 3.435848e-01 3.167100e-01 3.369435e-01 3.577774e-01
## [1691] 3.213725e-01 3.197263e-01 3.194257e-01 3.230127e-01 3.206352e-01
## [1696] 3.232167e-01 3.184690e-01 3.224995e-01 3.218898e-01 3.222094e-01
## [1701] 3.225193e-01 3.210814e-01 3.277432e-01 3.336308e-01 3.239926e-01
## [1706] 3.231385e-01 3.247933e-01 3.235594e-01 3.267960e-01 3.283461e-01
## [1711] 3.265170e-01 3.222931e-01 3.237972e-01 3.258728e-01 3.304190e-01
## [1716] 3.256520e-01 3.276006e-01 3.310885e-01 3.265028e-01 3.240464e-01
## [1721] 3.240088e-01 3.240259e-01 3.293004e-01 3.314266e-01 3.295592e-01
## [1726] 3.369329e-01 3.255758e-01 3.254759e-01 3.259195e-01 3.245005e-01
## [1731] 3.262464e-01 3.196530e-01 3.235182e-01 3.192320e-01 3.205399e-01

```

```

## [1736] 3.172984e-01 3.175955e-01 3.263480e-01 3.201453e-01 3.185562e-01
## [1741] 3.291297e-01 3.278779e-01 3.420735e-01 3.207752e-01 3.430580e-01
## [1746] 3.195638e-01 3.206190e-01 3.176846e-01 3.202990e-01 3.215613e-01
## [1751] 3.440654e-01 3.241696e-01 3.232393e-01 3.220540e-01 3.242088e-01
## [1756] 3.291127e-01 3.256388e-01 3.255029e-01 3.246702e-01 3.265718e-01
## [1761] 3.251497e-01 3.247950e-01 3.249930e-01 3.270391e-01 3.278236e-01
## [1766] 3.258454e-01 3.254073e-01 3.334398e-01 3.232873e-01 3.350381e-01
## [1771] 3.211579e-01 3.320109e-01 3.145695e-01 3.164854e-01 3.159841e-01
## [1776] 3.127021e-01 3.135671e-01 3.215471e-01 3.158585e-01 3.158547e-01
## [1781] 3.150791e-01 3.147143e-01 3.173145e-01 3.153675e-01 3.153403e-01
## [1786] 3.178985e-01 3.267726e-01 3.136129e-01 3.141954e-01 3.136677e-01
## [1791] 3.109216e-01 3.112271e-01 3.174223e-01 3.117235e-01 3.196624e-01
## [1796] 3.136949e-01 3.182765e-01 3.256444e-01 3.179329e-01 3.159269e-01
## [1801] 3.162286e-01 3.192373e-01 3.312006e-01 3.254613e-01 3.205593e-01
## [1806] 3.443382e-01 3.337958e-01 3.491032e-01 3.364634e-01 3.284032e-01
## [1811] 3.362176e-01 3.291002e-01 3.289443e-01 3.294943e-01 3.322435e-01
## [1816] 3.309688e-01 3.444154e-01 3.329374e-01 3.330946e-01 3.367416e-01
## [1821] 3.315281e-01 3.318485e-01 3.328992e-01 3.397614e-01 3.299873e-01
## [1826] 3.341934e-01 3.385857e-01 3.309727e-01 3.287704e-01 3.302348e-01
## [1831] 3.313423e-01 3.269787e-01 3.281410e-01 3.383190e-01 3.298567e-01
## [1836] 3.294142e-01 3.319939e-01 3.291716e-01 3.307653e-01 3.307153e-01
## [1841] 3.298136e-01 3.294285e-01 3.293443e-01 3.429768e-01 3.244764e-01
## [1846] 3.240424e-01 3.235255e-01 3.239245e-01 3.235271e-01 3.367931e-01
## [1851] 3.255271e-01 3.289967e-01 3.309897e-01 3.300155e-01 3.319093e-01
## [1856] 3.263145e-01 3.292776e-01 3.265424e-01 3.260125e-01 3.265350e-01
## [1861] 3.261635e-01 3.306269e-01 3.272144e-01 3.281052e-01 3.348581e-01
## [1866] 3.289265e-01 3.312244e-01 3.312070e-01 3.366278e-01 3.293519e-01
## [1871] 3.278926e-01 3.435529e-01 3.348024e-01 3.354671e-01 3.353425e-01
## [1876] 3.342167e-01 3.348771e-01 3.354820e-01 3.334136e-01 3.382527e-01
## [1881] 3.353383e-01 3.337227e-01 3.313624e-01 3.305203e-01 3.295882e-01
## [1886] 3.301303e-01 3.325572e-01 3.265130e-01 3.279620e-01 3.284256e-01
## [1891] 3.278028e-01 3.305301e-01 3.303594e-01 3.293220e-01 3.288892e-01
## [1896] 3.283511e-01 3.303233e-01 3.289411e-01 3.272565e-01 3.276785e-01
## [1901] 3.274849e-01 3.281681e-01 3.352951e-01 3.291495e-01 3.334412e-01
## [1906] 3.294503e-01 3.280141e-01 3.268072e-01 3.270960e-01 3.297431e-01
## [1911] 3.273573e-01 3.322165e-01 3.287121e-01 3.301178e-01 3.293208e-01
## [1916] 3.478629e-01 3.228908e-01 3.212190e-01 3.210686e-01 3.246447e-01
## [1921] 3.224300e-01 3.257511e-01 3.250510e-01 3.282088e-01 3.268102e-01
## [1926] 3.250119e-01 3.252513e-01 3.261422e-01 3.239870e-01 3.298259e-01
## [1931] 3.216727e-01 3.234124e-01 3.253696e-01 3.284763e-01 3.310096e-01
## [1936] 3.261996e-01 3.255573e-01 3.274319e-01 3.244497e-01 3.248594e-01
## [1941] 3.252886e-01 3.300074e-01 3.345090e-01 3.325603e-01 3.327404e-01
## [1946] 3.333835e-01 3.336957e-01 3.329327e-01 3.325435e-01 3.324760e-01
## [1951] 3.321041e-01 3.330362e-01 3.326515e-01 3.335491e-01 3.342925e-01
## [1956] 3.371707e-01 3.368724e-01 3.336017e-01 3.337262e-01 3.331875e-01
## [1961] 3.328403e-01 3.326658e-01 3.324116e-01 3.321120e-01 3.334536e-01
## [1966] 3.335414e-01 3.343373e-01 3.338435e-01 3.340420e-01 3.352582e-01
## [1971] 3.349155e-01 3.350874e-01 3.345394e-01 3.364126e-01 3.371116e-01
## [1976] 3.357612e-01 3.373310e-01 3.356447e-01 3.354622e-01 3.357369e-01
## [1981] 3.346803e-01 3.363330e-01 3.362960e-01 3.331159e-01 3.341175e-01

```

```

## [1986] 3.336592e-01 3.341419e-01 3.339896e-01 3.340089e-01 3.344019e-01
## [1991] 3.352139e-01 3.394119e-01 3.359897e-01 3.370278e-01 3.356894e-01
## [1996] 3.351432e-01 3.368662e-01 3.356632e-01 3.384754e-01 3.397405e-01
## [2001] 3.386248e-01 3.379112e-01 3.375933e-01 3.358450e-01 3.357175e-01
## [2006] 3.347965e-01 3.342064e-01 3.340068e-01 3.346400e-01 3.359884e-01
## [2011] 3.349322e-01 3.349458e-01 3.346666e-01 3.339420e-01 3.337023e-01
## [2016] 3.327914e-01 3.328392e-01 3.326140e-01 3.327874e-01 3.331827e-01
## [2021] 3.329282e-01 3.329735e-01 3.328418e-01 3.340015e-01 3.316933e-01
## [2026] 3.357066e-01 3.325750e-01 3.343758e-01 3.350741e-01 3.333375e-01
## [2031] 3.340026e-01 3.336794e-01 3.334831e-01 3.332683e-01 3.330411e-01
## [2036] 3.345123e-01 3.336515e-01 3.332815e-01 3.336135e-01 3.330753e-01
## [2041] 3.338655e-01 3.348864e-01 3.382081e-01 3.361560e-01 3.365732e-01
## [2046] 3.366568e-01 3.354632e-01 3.346527e-01 3.347986e-01 3.348080e-01
## [2051] 3.348138e-01 3.336556e-01 3.316564e-01 3.307341e-01 3.310189e-01
## [2056] 3.308038e-01 3.311833e-01 3.307011e-01 3.336842e-01 3.297636e-01
## [2061] 3.298155e-01 3.310539e-01 3.308302e-01 3.343770e-01 3.209910e-01
## [2066] 3.210848e-01 3.270035e-01 3.196299e-01 3.205163e-01 3.206724e-01
## [2071] 3.204207e-01 3.198811e-01 3.229344e-01 3.216285e-01 3.228262e-01
## [2076] 3.245272e-01 3.235413e-01 3.221523e-01 3.227325e-01 3.225868e-01
## [2081] 3.225427e-01 3.234652e-01 3.277381e-01 3.246344e-01 3.242531e-01
## [2086] 3.258946e-01 3.241064e-01 3.239591e-01 3.268018e-01 3.263798e-01
## [2091] 3.359628e-01 3.226490e-01 3.245768e-01 3.235763e-01 3.313074e-01
## [2096] 3.226452e-01 3.257692e-01 3.248873e-01 3.237375e-01 3.237887e-01
## [2101] 3.272991e-01 3.271567e-01 3.267739e-01 3.245475e-01 3.252682e-01
## [2106] 3.233731e-01 3.230202e-01 3.272043e-01 3.217361e-01 3.209800e-01
## [2111] 3.254233e-01 3.224340e-01 3.235108e-01 3.238704e-01 3.225888e-01
## [2116] 3.241460e-01 3.246550e-01 3.239878e-01 3.242021e-01 3.267447e-01
## [2121] 3.218194e-01 3.251145e-01 3.240644e-01 3.199684e-01 3.204312e-01
## [2126] 3.215860e-01 3.333518e-01 3.298031e-01 3.300293e-01 3.280053e-01
## [2131] 3.270921e-01 3.267610e-01 3.264398e-01 3.265922e-01 3.256555e-01
## [2136] 3.257660e-01 3.261748e-01 3.258346e-01 3.240542e-01 3.240679e-01
## [2141] 3.255743e-01 3.236763e-01 3.239514e-01 3.207126e-01 3.177197e-01
## [2146] 3.217032e-01 3.182079e-01 3.172409e-01 3.169282e-01 3.167226e-01
## [2151] 3.167650e-01 3.160837e-01 3.160181e-01 3.163175e-01 3.158129e-01
## [2156] 3.172916e-01 3.178813e-01 3.163955e-01 3.160650e-01 3.180960e-01
## [2161] 3.156382e-01 3.155146e-01 3.160436e-01 3.184346e-01 3.176384e-01
## [2166] 3.173478e-01 3.160133e-01 3.158178e-01 3.171757e-01 3.180629e-01
## [2171] 3.174625e-01 3.197576e-01 3.178232e-01 3.185461e-01 3.183157e-01
## [2176] 3.175591e-01 3.191323e-01 3.224968e-01 3.231714e-01 3.226281e-01
## [2181] 3.218059e-01 3.222346e-01 3.255538e-01 3.217185e-01 3.228196e-01
## [2186] 3.234769e-01 3.224822e-01 3.236381e-01 3.228291e-01 3.219129e-01
## [2191] 3.219537e-01 3.212195e-01 3.222582e-01 3.283736e-01 3.303086e-01
## [2196] 3.304847e-01 3.316897e-01 3.300040e-01 3.313232e-01 3.297665e-01
## [2201] 3.305975e-01 3.294472e-01 3.310925e-01 3.285524e-01 3.283257e-01
## [2206] 3.314431e-01 3.291714e-01 3.319322e-01 3.292641e-01 3.304095e-01
## [2211] 3.310055e-01 3.313517e-01 3.356050e-01 3.308871e-01 3.320857e-01
## [2216] 3.311093e-01 3.311919e-01 3.339624e-01 3.319630e-01 3.320984e-01
## [2221] 3.331596e-01 3.311529e-01 3.317384e-01 3.353298e-01 3.321001e-01
## [2226] 3.323284e-01 3.322279e-01 3.330344e-01 3.332305e-01 3.335075e-01
## [2231] 3.331376e-01 3.328240e-01 3.314353e-01 3.317135e-01 3.332570e-01

```

```

## [2236] 3.322600e-01 3.317388e-01 3.341282e-01 3.386894e-01 3.327066e-01
## [2241] 3.334397e-01 3.321130e-01 3.326005e-01 3.385513e-01 3.340555e-01
## [2246] 3.326902e-01 3.324155e-01 3.336496e-01 3.330231e-01 3.328195e-01
## [2251] 3.329346e-01 3.326127e-01 3.345523e-01 3.355091e-01 3.346261e-01
## [2256] 3.353297e-01 3.343057e-01 3.337404e-01 3.343303e-01 3.340573e-01
## [2261] 3.357126e-01 3.368034e-01 3.390745e-01 3.363425e-01 3.363751e-01
## [2266] 3.4055561e-01 3.387244e-01 3.396060e-01 3.357682e-01 3.408055e-01
## [2271] 3.428667e-01 3.327970e-01 3.324892e-01 3.384526e-01 3.341003e-01
## [2276] 3.338149e-01 3.346247e-01 3.390228e-01 3.356752e-01 3.352993e-01
## [2281] 3.353139e-01 3.351389e-01 3.359907e-01 3.354266e-01 3.351640e-01
## [2286] 3.371303e-01 3.334110e-01 3.335208e-01 3.333749e-01 3.364505e-01
## [2291] 3.319627e-01 3.315181e-01 3.313099e-01 3.319389e-01 3.313488e-01
## [2296] 3.378230e-01 3.288515e-01 3.289377e-01 3.359807e-01 3.316032e-01
## [2301] 3.335936e-01 3.336181e-01 3.327176e-01 3.375813e-01 3.365954e-01
## [2306] 3.375752e-01 3.372803e-01 3.355580e-01 3.368279e-01 3.347744e-01
## [2311] 3.375609e-01 3.369230e-01 3.360355e-01 3.667241e-01 3.441773e-01
## [2316] 3.436720e-01 3.439016e-01 3.448049e-01 3.448430e-01 3.449020e-01
## [2321] 3.434818e-01 3.446969e-01 3.453358e-01 3.451865e-01 3.444085e-01
## [2326] 3.454510e-01 3.443864e-01 3.443477e-01 3.424333e-01 3.446100e-01
## [2331] 3.409171e-01 3.435786e-01 3.419379e-01 3.429913e-01 3.427835e-01
## [2336] 3.423815e-01 3.417894e-01 3.411336e-01 3.424009e-01 3.387357e-01
## [2341] 3.398527e-01 3.379356e-01 3.423672e-01 3.429477e-01 3.393338e-01
## [2346] 3.395540e-01 3.395837e-01 3.377351e-01 3.376993e-01 3.375693e-01
## [2351] 3.378217e-01 3.396016e-01 3.372786e-01 3.541722e-01 3.396943e-01
## [2356] 3.389714e-01 3.375589e-01 3.368380e-01 3.383171e-01 3.371042e-01
## [2361] 3.433900e-01 3.393609e-01 3.391764e-01 3.366331e-01 3.378627e-01
## [2366] 3.376993e-01 3.382339e-01 3.362650e-01 3.357533e-01 3.356229e-01
## [2371] 3.368529e-01 3.367799e-01 3.372423e-01 3.368519e-01 3.366629e-01
## [2376] 3.365052e-01 3.367387e-01 3.304079e-01 3.324807e-01 3.294005e-01
## [2381] 3.295143e-01 3.297285e-01 3.316395e-01 3.303953e-01 3.305465e-01
## [2386] 3.302494e-01 3.295500e-01 3.300704e-01 3.304485e-01 3.286429e-01
## [2391] 3.287746e-01 3.311665e-01 3.274705e-01 3.240030e-01 3.240477e-01
## [2396] 3.241670e-01 3.240653e-01 3.240179e-01 3.243698e-01 3.327021e-01
## [2401] 3.260857e-01 3.264354e-01 3.268574e-01 3.307842e-01 3.285956e-01
## [2406] 3.286436e-01 3.285845e-01 3.321596e-01 3.298414e-01 3.293543e-01
## [2411] 3.291349e-01 3.291892e-01 3.285638e-01 3.282136e-01 3.315528e-01
## [2416] 3.289858e-01 3.280373e-01 3.273488e-01 3.270164e-01 3.279965e-01
## [2421] 3.272596e-01 3.271391e-01 3.293912e-01 3.288348e-01 3.287575e-01
## [2426] 3.298399e-01 3.324342e-01 3.300115e-01 3.313414e-01 3.305302e-01
## [2431] 3.313916e-01 3.289876e-01 3.325199e-01 3.321610e-01 3.311417e-01
## [2436] 3.330205e-01 3.326621e-01 3.321362e-01 3.347054e-01 3.319282e-01
## [2441] 3.318352e-01 3.312232e-01 3.314920e-01 3.303370e-01 3.304874e-01
## [2446] 3.308444e-01 3.326490e-01 3.290461e-01 3.283432e-01 3.297893e-01
## [2451] 3.286379e-01 3.285547e-01 3.293462e-01 3.272065e-01 3.272098e-01
## [2456] 3.309915e-01 3.256324e-01 3.267043e-01 3.265182e-01 3.261151e-01
## [2461] 3.355145e-01 3.283543e-01 3.296266e-01 3.317461e-01 3.309938e-01
## [2466] 3.311798e-01 3.297705e-01 3.314250e-01 3.289187e-01 3.287167e-01
## [2471] 3.309535e-01 3.297981e-01 3.304971e-01 3.298976e-01 3.296030e-01
## [2476] 3.289767e-01 3.320416e-01 3.278519e-01 3.299032e-01 3.284440e-01
## [2481] 3.287370e-01 3.281266e-01 3.274625e-01 3.274675e-01 3.274937e-01

```

```

## [2486] 3.273286e-01 3.254815e-01 3.251144e-01 3.251947e-01 3.250415e-01
## [2491] 3.251613e-01 3.250999e-01 3.242745e-01 3.268791e-01 3.211754e-01
## [2496] 3.210550e-01 3.214475e-01 3.212085e-01 3.218884e-01 3.213230e-01
## [2501] 3.502363e-01 4.279169e-01 3.052166e-01 3.025254e-01 3.027338e-01
## [2506] 3.023837e-01 3.037570e-01 3.008828e-01 3.110795e-01 3.055457e-01
## [2511] 3.013868e-01 3.099839e-01 3.018251e-01 3.007093e-01 3.046453e-01
## [2516] 3.140702e-01 3.021325e-01 3.006976e-01 3.650522e-01 2.925648e-01
## [2521] 2.922832e-01 2.918354e-01 2.973637e-01 2.956193e-01 2.928490e-01
## [2526] 3.003912e-01 2.930167e-01 3.051785e-01 3.072371e-01 2.909232e-01
## [2531] 2.896229e-01 2.887511e-01 3.013587e-01 2.913954e-01 2.898339e-01
## [2536] 2.917876e-01 2.889090e-01 2.897922e-01 3.018603e-01 2.967935e-01
## [2541] 2.919245e-01 2.940778e-01 2.943139e-01 2.979389e-01 2.972191e-01
## [2546] 2.926238e-01 2.942762e-01 2.931424e-01 2.929158e-01 2.939438e-01
## [2551] 2.921601e-01 3.114554e-01 2.973316e-01 2.900329e-01 2.943118e-01
## [2556] 2.977074e-01 2.905505e-01 2.878643e-01 2.869734e-01 2.899279e-01
## [2561] 2.926097e-01 2.888538e-01 3.031296e-01 2.793206e-01 2.783821e-01
## [2566] 2.748574e-01 2.765398e-01 3.713651e-01 2.847140e-01 2.902736e-01
## [2571] 3.089282e-01 2.921894e-01 2.811678e-01 2.957083e-01 3.043812e-01
## [2576] 2.934934e-01 2.905923e-01 2.933218e-01 2.896952e-01 2.893718e-01
## [2581] 2.857342e-01 2.857428e-01 3.166848e-01 2.810950e-01 2.919117e-01
## [2586] 2.991600e-01 2.936295e-01 2.931702e-01 2.940869e-01 2.809157e-01
## [2591] 2.793991e-01 3.012071e-01 2.819819e-01 2.812619e-01 2.742233e-01
## [2596] 2.843702e-01 2.861262e-01 2.755008e-01 2.727525e-01 2.760452e-01
## [2601] 2.713719e-01 2.750273e-01 2.700367e-01 2.698498e-01 2.694307e-01
## [2606] 2.700365e-01 2.708276e-01 2.654105e-01 2.658380e-01 2.646498e-01
## [2611] 2.640038e-01 2.731451e-01 2.652206e-01 2.656637e-01 2.640642e-01
## [2616] 2.696003e-01 2.676269e-01 2.652136e-01 3.898891e-01 2.931499e-01
## [2621] 2.730184e-01 2.704309e-01 2.737191e-01 2.686099e-01 2.682573e-01
## [2626] 2.795512e-01 3.561855e-01 2.852157e-01 2.698654e-01 2.708276e-01
## [2631] 2.681433e-01 2.771057e-01 2.724495e-01 2.705591e-01 2.862436e-01
## [2636] 2.742182e-01 2.935449e-01 2.722887e-01 3.107407e-01 3.232528e-01
## [2641] 2.884541e-01 2.913287e-01 2.935321e-01 2.906072e-01 2.886697e-01
## [2646] 2.804598e-01 2.795279e-01 2.802212e-01 2.829091e-01 2.814258e-01
## [2651] 2.956136e-01 2.917337e-01 2.708621e-01 2.672024e-01 2.690941e-01
## [2656] 3.249987e-01 2.755982e-01 2.656856e-01 2.632802e-01 2.703856e-01
## [2661] 2.861253e-01 2.749945e-01 2.707563e-01 2.789357e-01 3.258638e-01
## [2666] 2.747281e-01 2.875170e-01 2.676786e-01 2.666295e-01 2.667140e-01
## [2671] 2.704278e-01 2.708599e-01 2.653322e-01 2.697931e-01 2.632424e-01
## [2676] 2.646573e-01 3.371426e-01 2.692328e-01 2.704816e-01 2.922752e-01
## [2681] 2.745119e-01 3.079967e-01 2.772770e-01 2.792581e-01 2.805240e-01
## [2686] 2.791173e-01 2.796705e-01 3.590159e-01 2.956883e-01 3.135418e-01
## [2691] 2.863647e-01 2.884358e-01 2.979646e-01 2.871812e-01 5.355389e-01
## [2696] 3.512218e-01 2.874669e-01 2.903770e-01 3.424599e-01 3.300777e-01
## [2701] 2.867689e-01 2.979980e-01 2.892356e-01 3.058011e-01 2.972129e-01
## [2706] 3.020358e-01 2.960940e-01 2.960065e-01 3.468766e-01 2.957181e-01
## [2711] 2.895010e-01 2.891387e-01 2.898980e-01 3.143620e-01 3.199256e-01
## [2716] 3.048101e-01 3.396491e-01 2.985667e-01 3.137580e-01 3.089539e-01
## [2721] 2.993995e-01 2.985350e-01 2.953247e-01 3.258212e-01 2.936353e-01
## [2726] 2.968193e-01 3.271039e-01 2.939212e-01 3.162934e-01 2.982012e-01
## [2731] 2.865278e-01 2.869396e-01 3.337276e-01 2.967652e-01 2.926010e-01

```

```

## [2736] 3.274248e-01 2.824451e-01 2.853223e-01 2.908683e-01 2.836947e-01
## [2741] 2.847118e-01 3.022269e-01 2.854972e-01 3.006452e-01 2.902135e-01
## [2746] 2.888608e-01 2.930982e-01 2.862632e-01 3.213760e-01 2.790485e-01
## [2751] 2.802056e-01 2.794610e-01 2.819120e-01 3.080747e-01 2.823761e-01
## [2756] 2.801678e-01 2.987897e-01 2.826856e-01 3.131895e-01 2.905271e-01
## [2761] 2.842570e-01 3.023408e-01 2.909077e-01 2.881130e-01 2.927708e-01
## [2766] 2.855422e-01 2.879581e-01 2.994171e-01 2.833191e-01 3.112061e-01
## [2771] 2.859238e-01 2.962131e-01 2.809944e-01 2.813469e-01 2.961858e-01
## [2776] 2.807854e-01 2.791519e-01 2.805951e-01 2.821202e-01 2.805247e-01
## [2781] 2.834346e-01 2.923778e-01 3.021093e-01 2.908387e-01 2.858587e-01
## [2786] 2.974006e-01 2.960232e-01 2.995715e-01 3.118766e-01 2.759961e-01
## [2791] 2.770537e-01 2.876049e-01 2.919933e-01 2.799559e-01 2.796445e-01
## [2796] 2.786386e-01 3.106408e-01 2.886535e-01 2.972409e-01 2.924339e-01
## [2801] 3.148563e-01 2.895929e-01 2.879558e-01 3.074926e-01 3.436057e-01
## [2806] 2.901789e-01 2.954005e-01 3.270389e-01 2.983788e-01 3.666333e-01
## [2811] 2.907971e-01 2.944757e-01 2.966812e-01 2.954857e-01 3.205641e-01
## [2816] 2.992928e-01 2.874691e-01 2.884031e-01 2.905011e-01 2.814321e-01
## [2821] 2.841817e-01 2.856220e-01 2.845668e-01 2.954045e-01 2.823149e-01
## [2826] 2.827950e-01 3.235576e-01 4.753748e-01 2.709858e-01 2.720001e-01
## [2831] 2.871746e-01 2.843098e-01 3.062503e-01 2.891743e-01 2.767968e-01
## [2836] 2.862182e-01 2.761239e-01 2.871303e-01 2.807571e-01 2.774216e-01
## [2841] 2.797502e-01 2.935854e-01 2.884276e-01 2.798974e-01 3.044275e-01
## [2846] 2.908702e-01 2.822451e-01 2.908133e-01 3.197896e-01 3.380264e-01
## [2851] 2.822515e-01 2.828952e-01 2.923744e-01 4.168418e-01 3.208879e-01
## [2856] 2.803416e-01 4.152972e-01 3.443959e-01 3.100623e-01 2.945839e-01
## [2861] 2.942155e-01 3.860133e-01 4.441812e-01 3.083427e-01 2.943400e-01
## [2866] 3.148754e-01 3.005783e-01 4.834538e-01 3.954736e-01 4.287416e-01
## [2871] 3.411592e-01 3.301702e-01 5.052362e-01 4.286880e-01 3.630257e-01
## [2876] 3.242449e-01 3.130086e-01 3.241777e-01 3.149195e-01 4.718699e-01
## [2881] 3.731059e-01 3.162296e-01 3.740407e-01 3.120440e-01 3.215938e-01
## [2886] 3.105610e-01 3.092252e-01 3.095847e-01 4.151899e-01 3.416355e-01
## [2891] 3.221479e-01 3.251516e-01 3.219203e-01 3.461112e-01 3.608350e-01
## [2896] 3.374615e-01 3.278778e-01 3.353519e-01 3.486064e-01 3.338067e-01
## [2901] 3.364176e-01 3.680608e-01 3.244788e-01 3.525508e-01 3.303944e-01
## [2906] 3.351785e-01 3.259697e-01 4.031280e-01 3.238332e-01 3.345615e-01
## [2911] 3.290886e-01 3.195717e-01 3.263550e-01 3.213991e-01 3.578851e-01
## [2916] 3.278937e-01 3.404121e-01 3.133855e-01 3.155638e-01 3.129786e-01
## [2921] 3.261828e-01 3.161692e-01 3.133704e-01 3.270507e-01 3.302529e-01
## [2926] 3.185560e-01 3.140243e-01 3.383274e-01 3.199478e-01 3.309466e-01
## [2931] 3.073950e-01 3.208699e-01 3.154033e-01 3.296261e-01 3.136689e-01
## [2936] 3.260936e-01 3.393638e-01 3.131684e-01 3.356089e-01 3.186682e-01
## [2941] 3.155981e-01 3.232485e-01 3.165826e-01 3.196426e-01 3.154924e-01
## [2946] 3.148542e-01 3.106218e-01 3.224049e-01 3.219212e-01 3.203732e-01
## [2951] 3.117980e-01 3.313296e-01 2.947700e-01 3.268094e-01 3.022309e-01
## [2956] 2.993998e-01 3.008293e-01 3.007524e-01 2.999273e-01 3.034300e-01
## [2961] 3.228554e-01 3.217080e-01 3.383893e-01 3.035261e-01 3.112420e-01
## [2966] 3.370020e-01 3.138429e-01 3.048299e-01 3.096088e-01 2.981920e-01
## [2971] 3.431912e-01 3.126236e-01 3.290903e-01 3.092578e-01 2.959084e-01
## [2976] 2.962873e-01 3.033833e-01 3.403959e-01 2.895576e-01 2.968946e-01
## [2981] 2.917083e-01 3.419663e-01 3.022122e-01 2.899124e-01 2.866285e-01

```

```

## [2986] 2.946470e-01 2.923718e-01 2.888141e-01 2.873549e-01 3.068671e-01
## [2991] 2.908822e-01 2.830568e-01 2.920751e-01 2.859981e-01 2.956582e-01
## [2996] 2.834832e-01 2.847625e-01 2.877409e-01 2.939527e-01 2.863783e-01
## [3001] 2.848836e-01 2.867796e-01 2.833072e-01 2.805184e-01 2.929058e-01
## [3006] 2.778428e-01 2.768382e-01 3.146982e-01 2.793448e-01 2.876632e-01
## [3011] 2.804783e-01 2.793658e-01 2.799006e-01 3.209120e-01 2.923168e-01
## [3016] 2.910642e-01 2.838833e-01 3.008720e-01 2.901883e-01 2.899589e-01
## [3021] 2.963362e-01 3.005845e-01 2.827103e-01 2.862836e-01 2.851594e-01
## [3026] 3.173901e-01 2.897258e-01 2.819765e-01 2.816982e-01 3.519121e-01
## [3031] 2.936596e-01 2.905880e-01 2.729111e-01 2.755258e-01 2.725964e-01
## [3036] 2.711623e-01 2.752938e-01 2.741673e-01 2.778898e-01 2.758674e-01
## [3041] 2.853076e-01 2.762124e-01 2.826990e-01 2.777300e-01 3.167542e-01
## [3046] 2.879291e-01 2.849740e-01 3.075540e-01 2.871229e-01 2.784002e-01
## [3051] 2.750262e-01 3.048532e-01 2.913313e-01 2.819661e-01 3.133589e-01
## [3056] 2.846425e-01 2.815594e-01 2.819719e-01 3.147606e-01 2.775597e-01
## [3061] 2.814652e-01 2.811559e-01 2.725278e-01 2.819476e-01 2.695864e-01
## [3066] 2.692191e-01 3.162063e-01 2.762869e-01 2.883749e-01 2.774523e-01
## [3071] 2.743598e-01 2.727820e-01 2.726392e-01 2.730059e-01 2.825594e-01
## [3076] 2.808488e-01 2.741388e-01 2.776661e-01 2.754239e-01 2.751989e-01
## [3081] 2.929884e-01 2.785241e-01 2.762476e-01 2.780852e-01 2.782208e-01
## [3086] 2.895734e-01 2.782507e-01 2.735894e-01 2.758026e-01 2.753289e-01
## [3091] 2.747148e-01 2.744864e-01 2.903519e-01 2.799544e-01 2.890863e-01
## [3096] 2.844101e-01 2.810030e-01 2.815149e-01 2.814199e-01 2.850184e-01
## [3101] 2.819653e-01 2.740281e-01 2.747971e-01 2.766579e-01 3.417624e-01
## [3106] 2.677596e-01 2.683738e-01 2.694325e-01 2.803269e-01 2.659415e-01
## [3111] 2.654630e-01 2.703655e-01 2.695188e-01 2.661665e-01 2.677274e-01
## [3116] 2.742289e-01 2.682026e-01 2.781687e-01 2.745902e-01 2.828741e-01
## [3121] 2.624313e-01 2.628845e-01 2.865717e-01 2.654218e-01 2.642156e-01
## [3126] 2.633968e-01 2.618601e-01 2.642839e-01 2.654134e-01 2.759620e-01
## [3131] 2.641693e-01 4.189587e-01 3.270484e-01 2.355249e-01 2.333255e-01
## [3136] 2.384243e-01 2.702634e-01 2.363482e-01 2.382447e-01 2.505928e-01
## [3141] 2.666830e-01 2.619237e-01 2.287940e-01 2.611049e-01 2.294816e-01
## [3146] 2.249551e-01 2.320996e-01 2.240010e-01 2.234188e-01 2.237038e-01
## [3151] 2.339503e-01 2.365815e-01 2.337930e-01 2.230156e-01 2.220509e-01
## [3156] 2.294287e-01 2.638924e-01 2.237358e-01 2.435947e-01 2.335661e-01
## [3161] 3.312603e-01 2.687376e-01 2.205333e-01 2.598836e-01 2.478770e-01
## [3166] 2.329495e-01 2.275689e-01 2.254056e-01 2.487882e-01 2.482788e-01
## [3171] 2.271422e-01 2.390388e-01 2.207489e-01 2.717595e-01 2.178347e-01
## [3176] 2.158059e-01 2.270536e-01 2.304170e-01 2.423920e-01 2.393920e-01
## [3181] 2.248343e-01 2.410976e-01 2.384370e-01 2.495654e-01 2.424834e-01
## [3186] 2.366339e-01 2.301501e-01 2.383757e-01 2.418311e-01 2.324323e-01
## [3191] 2.353324e-01 2.296063e-01 2.923141e-01 2.457946e-01 2.397356e-01
## [3196] 2.416126e-01 2.368994e-01 2.935142e-01 2.990352e-01 2.386985e-01
## [3201] 2.485794e-01 2.642687e-01 2.450412e-01 2.606573e-01 2.372786e-01
## [3206] 2.393697e-01 2.618752e-01 2.367516e-01 2.595643e-01 2.410775e-01
## [3211] 2.532409e-01 2.382831e-01 2.383729e-01 2.401384e-01 2.452425e-01
## [3216] 2.369574e-01 2.375254e-01 3.424276e-01 2.300349e-01 2.295655e-01
## [3221] 2.472305e-01 2.259374e-01 2.350267e-01 2.279524e-01 2.303203e-01
## [3226] 2.529154e-01 2.420205e-01 2.246296e-01 2.236591e-01 2.272365e-01
## [3231] 2.315007e-01 2.624456e-01 2.243085e-01 2.345316e-01 2.279540e-01

```

```

## [3236] 3.226326e-01 2.194631e-01 2.195988e-01 2.200559e-01 2.188996e-01
## [3241] 2.764433e-01 2.294808e-01 2.804641e-01 2.237501e-01 3.423065e-01
## [3246] 2.158881e-01 2.177774e-01 2.182128e-01 2.611201e-01 2.137358e-01
## [3251] 2.370547e-01 2.119544e-01 2.105724e-01 2.130487e-01 2.354685e-01
## [3256] 2.211938e-01 2.575601e-01 2.543508e-01 2.504960e-01 2.213317e-01
## [3261] 2.795625e-01 2.171621e-01 3.374065e-01 2.516201e-01 2.317339e-01
## [3266] 2.601916e-01 2.310636e-01 2.248941e-01 2.402912e-01 2.436866e-01
## [3271] 2.376333e-01 2.270896e-01 2.788220e-01 2.332422e-01 2.645899e-01
## [3276] 3.083706e-01 2.335941e-01 3.614045e-01 2.433389e-01 2.375046e-01
## [3281] 2.306871e-01 2.419771e-01 2.453892e-01 2.463291e-01 2.750708e-01
## [3286] 2.825741e-01 2.702314e-01 2.569951e-01 2.652296e-01 2.404441e-01
## [3291] 2.316731e-01 2.711799e-01 2.350859e-01 2.314535e-01 2.304763e-01
## [3296] 2.930932e-01 2.330805e-01 2.351232e-01 2.546501e-01 2.605462e-01
## [3301] 2.413031e-01 4.439120e-01 2.478999e-01 2.582793e-01 2.576862e-01
## [3306] 2.469925e-01 2.839973e-01 2.435630e-01 2.394656e-01 2.447871e-01
## [3311] 2.596985e-01 2.317631e-01 2.448356e-01 2.631980e-01 2.428496e-01
## [3316] 2.359323e-01 2.723834e-01 2.408171e-01 7.899997e-01 2.367814e-01
## [3321] 2.440316e-01 2.381233e-01 2.429052e-01 2.552481e-01 2.375829e-01
## [3326] 2.514376e-01 2.941161e-01 2.303707e-01 2.345303e-01 2.261954e-01
## [3331] 2.381727e-01 2.455801e-01 2.536557e-01 2.366610e-01 2.482867e-01
## [3336] 2.331596e-01 2.254186e-01 2.365154e-01 2.278525e-01 2.336742e-01
## [3341] 2.330571e-01 2.571722e-01 2.478774e-01 2.324725e-01 2.482414e-01
## [3346] 2.425877e-01 3.458285e-01 2.494352e-01 2.272980e-01 2.176504e-01
## [3351] 2.199262e-01 2.140101e-01 2.211682e-01 2.124818e-01 2.136405e-01
## [3356] 2.099223e-01 2.306708e-01 2.072736e-01 2.252854e-01 2.037043e-01
## [3361] 2.155356e-01 2.104689e-01 2.868771e-01 1.977730e-01 1.950466e-01
## [3366] 1.956609e-01 2.267732e-01 2.389416e-01 2.058702e-01 2.412465e-01
## [3371] 2.896335e-01 1.985012e-01 1.993961e-01 2.131704e-01 2.500525e-01
## [3376] 2.072086e-01 1.994155e-01 3.183767e-01 1.982891e-01 2.096005e-01
## [3381] 1.960118e-01 2.073311e-01 3.339259e-01 2.082564e-01 2.039071e-01
## [3386] 1.941422e-01 1.954515e-01 1.908072e-01 2.040005e-01 1.926582e-01
## [3391] 2.177433e-01 1.891238e-01 1.910744e-01 1.876481e-01 2.042325e-01
## [3396] 2.068865e-01 1.861921e-01 2.551579e-01 3.266843e-01 1.999859e-01
## [3401] 1.970813e-01 2.295211e-01 1.925160e-01 2.775322e-01 1.874596e-01
## [3406] 2.870059e-01 1.785783e-01 1.772317e-01 1.882095e-01 2.018496e-01
## [3411] 1.794805e-01 1.799887e-01 1.988935e-01 2.253037e-01 1.841666e-01
## [3416] 2.091515e-01 1.817316e-01 1.957053e-01 1.819035e-01 1.912864e-01
## [3421] 1.977437e-01 1.804603e-01 2.265774e-01 1.741045e-01 1.717874e-01
## [3426] 1.837805e-01 1.741518e-01 1.783422e-01 1.810143e-01 1.779898e-01
## [3431] 1.887531e-01 1.990404e-01 1.757046e-01 2.058288e-01 1.719698e-01
## [3436] 1.899588e-01 1.721010e-01 1.758684e-01 1.776774e-01 1.832588e-01
## [3441] 2.031241e-01 1.881039e-01 2.237311e-01 2.110854e-01 2.820435e-01
## [3446] 1.828786e-01 1.836849e-01 1.952015e-01 3.333011e-01 1.844497e-01
## [3451] 1.864505e-01 1.915200e-01 1.965753e-01 1.818509e-01 1.919577e-01
## [3456] 1.794451e-01 3.091976e-01 1.864466e-01 1.812806e-01 2.128369e-01
## [3461] 1.710752e-01 1.680569e-01 2.029408e-01 1.820512e-01 1.736311e-01
## [3466] 2.109704e-01 2.214975e-01 1.805798e-01 1.882424e-01 1.834173e-01
## [3471] 2.416022e-01 2.116664e-01 1.854367e-01 1.866731e-01 2.130558e-01
## [3476] 2.090786e-01 2.047456e-01 1.917661e-01 2.087744e-01 1.883058e-01
## [3481] 2.348011e-01 1.901844e-01 2.753637e-01 1.941941e-01 1.946579e-01

```

```

## [3486] 1.995030e-01 2.196806e-01 2.117452e-01 1.857500e-01 2.059130e-01
## [3491] 2.309970e-01 1.853370e-01 1.780090e-01 1.828345e-01 1.871698e-01
## [3496] 2.049081e-01 2.116920e-01 1.865112e-01 1.726517e-01 1.744935e-01
## [3501] 1.976896e-01 1.808832e-01 1.748612e-01 1.791982e-01 1.774451e-01
## [3506] 1.777158e-01 1.891894e-01 1.764398e-01 1.711756e-01 2.263236e-01
## [3511] 7.611253e-01 1.650257e-01 1.685896e-01 2.282342e-01 1.809985e-01
## [3516] 1.680308e-01 1.685706e-01 1.676345e-01 1.776309e-01 1.681082e-01
## [3521] 1.596754e-01 1.643730e-01 1.885433e-01 3.789971e-01 1.924191e-01
## [3526] 1.898494e-01 1.598978e-01 1.609299e-01 1.628635e-01 2.102093e-01
## [3531] 1.705806e-01 2.095515e-01 1.645453e-01 1.628774e-01 2.092698e-01
## [3536] 1.699191e-01 1.965613e-01 1.886797e-01 1.802067e-01 1.698286e-01
## [3541] 1.671901e-01 1.946251e-01 1.711179e-01 1.700593e-01 1.846267e-01
## [3546] 1.871611e-01 1.702080e-01 1.792201e-01 2.801751e-01 1.834798e-01
## [3551] 2.354932e-01 1.704980e-01 3.087990e-01 1.567098e-01 1.621608e-01
## [3556] 2.001951e-01 2.018724e-01 2.124907e-01 1.604665e-01 1.531340e-01
## [3561] 1.957165e-01 2.054710e-01 1.869410e-01 1.513140e-01 1.830643e-01
## [3566] 1.472787e-01 1.515224e-01 2.044493e-01 2.118598e-01 1.880194e-01
## [3571] 1.678813e-01 1.597707e-01 1.481699e-01 1.506116e-01 1.394626e-01
## [3576] 1.443571e-01 1.848076e-01 3.945685e-01 1.795122e-01 2.482671e-01
## [3581] 1.685926e-01 1.878167e-01 3.882367e-01 3.092981e-01 1.656321e-01
## [3586] 1.697748e-01 1.582343e-01 1.998370e-01 1.840762e-01 4.249304e-01
## [3591] 1.830948e-01 2.714374e-01 8.756773e-01 1.636708e-01 1.839049e-01
## [3596] 3.734200e-01 1.984785e-01 2.370045e-01 1.745713e-01 1.721777e-01
## [3601] 1.533671e-01 5.783212e-01 1.454645e-01 1.470006e-01 1.926639e-01
## [3606] 3.476145e-01 1.518750e-01 1.577735e-01 1.619796e-01 5.853634e-01
## [3611] 1.945888e-01 3.190447e-01 1.544923e-01 1.458278e-01 1.706150e-01
## [3616] 1.522910e-01 4.698471e-01 1.713975e-01 5.954932e-01 1.569513e-01
## [3621] 2.316465e-01 1.752611e-01 3.039010e-01 1.451754e-01 1.546415e-01
## [3626] 2.189894e-01 2.087897e-01 1.279352e-01 1.305970e-01 2.347413e-01
## [3631] 1.359751e-01 1.308444e-01 4.084653e-01 1.378199e-01 1.441629e-01
## [3636] 1.358519e-01 5.691978e-01 2.523921e-01 1.735477e-01 5.315967e-01
## [3641] 1.637163e-01 2.010338e-01 1.448804e-01 1.560115e-01 1.485916e-01
## [3646] 1.438153e-01 1.476515e-01 1.945236e-01 1.731205e-01 2.227128e-01
## [3651] 1.782226e-01 1.431104e-01 2.084759e-01 3.660941e-01 3.834289e-01
## [3656] 2.218368e-01 2.614744e-01 2.228815e-01 3.872658e-01 1.840404e-01
## [3661] 3.041284e-01 1.851232e-01 2.534431e-01 1.651400e-01 1.841484e-01
## [3666] 2.180292e-01 2.234725e-01 1.982048e-01 1.752423e-01 1.681855e-01
## [3671] 3.911748e-01 1.805568e-01 1.768639e-01 1.792731e-01 2.003254e-01
## [3676] 1.737207e-01 3.720539e-01 2.282891e-01 1.910063e-01 1.864961e-01
## [3681] 2.024602e-01 2.411365e-01 1.825215e-01 2.094824e-01 1.878788e-01
## [3686] 1.873174e-01 2.419749e-01 2.360455e-01 1.868807e-01 1.787713e-01
## [3691] 2.203170e-01 1.999213e-01 1.819458e-01 3.544389e-01 2.053939e-01
## [3696] 1.662280e-01 2.438998e-01 1.828604e-01 1.710354e-01 2.177399e-01
## [3701] 1.794767e-01 1.727539e-01 1.636138e-01 2.823749e-01 1.885437e-01
## [3706] 2.471558e-01 2.059092e-01 1.799667e-01 1.718697e-01 1.721526e-01
## [3711] 1.858062e-01 2.304760e-01 1.658997e-01 3.266312e-01 1.911421e-01
## [3716] 1.928970e-01 1.743720e-01 1.816688e-01 1.788303e-01 1.778135e-01
## [3721] 1.804871e-01 2.522083e-01 2.349941e-01 1.759508e-01 1.766716e-01
## [3726] 1.809204e-01 1.941688e-01 1.766375e-01 2.090202e-01 1.923182e-01
## [3731] 1.746672e-01 1.732276e-01 1.803148e-01 1.911636e-01 1.817224e-01

```

```

## [3736] 1.851283e-01 3.494574e-01 1.673216e-01 1.762854e-01 1.930209e-01
## [3741] 2.916933e-01 1.649065e-01 2.393748e-01 1.911787e-01 1.767784e-01
## [3746] 1.598052e-01 1.651552e-01 1.924478e-01 1.653669e-01 1.653055e-01
## [3751] 2.803473e-01 1.778767e-01 1.892911e-01 1.751669e-01 2.119375e-01
## [3756] 1.729560e-01 1.827883e-01 1.770403e-01 1.854266e-01 1.703374e-01
## [3761] 1.756576e-01 1.881735e-01 1.811287e-01 1.495122e-01 3.429586e-01
## [3766] 1.345910e-01 1.529416e-01 1.338527e-01 1.858274e-01 1.634558e-01
## [3771] 1.400271e-01 1.580784e-01 1.618646e-01 1.451988e-01 1.622640e-01
## [3776] 1.522318e-01 1.407702e-01 2.907728e-01 2.486720e-01 1.985441e-01
## [3781] 1.743704e-01 1.656861e-01 1.550908e-01 1.616316e-01 1.462921e-01
## [3786] 1.781739e-01 1.865056e-01 1.512094e-01 3.172810e-01 1.481755e-01
## [3791] 1.735977e-01 1.445509e-01 1.425386e-01 1.472985e-01 1.491149e-01
## [3796] 1.476059e-01 1.479443e-01 1.740343e-01 2.359212e-01 1.400256e-01
## [3801] 1.459991e-01 1.759968e-01 1.398814e-01 1.413421e-01 1.947371e-01
## [3806] 1.379918e-01 1.625501e-01 1.792649e-01 1.337194e-01 1.341061e-01
## [3811] 1.434191e-01 1.426055e-01 1.371547e-01 2.924860e-01 1.436481e-01
## [3816] 1.501612e-01 1.681665e-01 1.456398e-01 1.446247e-01 1.492449e-01
## [3821] 2.353117e-01 1.634647e-01 1.420577e-01 1.730975e-01 2.246943e-01
## [3826] 1.412403e-01 6.137849e-01 1.309858e-01 1.410722e-01 1.451992e-01
## [3831] 1.327728e-01 1.323312e-01 1.379819e-01 1.480247e-01 1.323298e-01
## [3836] 1.300397e-01 1.313099e-01 1.314170e-01 1.381093e-01 2.167011e-01
## [3841] 1.735897e-01 1.256162e-01 1.283548e-01 1.323245e-01 1.691439e-01
## [3846] 1.271901e-01 1.765242e-01 1.336199e-01 1.363014e-01 1.203546e-01
## [3851] 1.224105e-01 1.192106e-01 1.197615e-01 1.267461e-01 1.503576e-01
## [3856] 2.052901e-01 1.241979e-01 1.254984e-01 1.158927e-01 2.048660e-01
## [3861] 1.094885e-01 1.462132e-01 1.115929e-01 1.262416e-01 1.120043e-01
## [3866] 1.718797e-01 1.146735e-01 1.648957e-01 1.422217e-01 2.359331e-01
## [3871] 1.251528e-01 1.537485e-01 1.329376e-01 1.881680e-01 1.772429e-01
## [3876] 1.349043e-01 1.178104e-01 3.131076e-01 2.836206e-01 1.689246e-01
## [3881] 1.256151e-01 1.282589e-01 1.250235e-01 1.768686e-01 1.494362e-01
## [3886] 2.130045e-01 2.135713e-01 1.655956e-01 3.150130e-01 3.507867e-01
## [3891] 4.372858e-01 1.695089e-01 1.457042e-01 1.394343e-01 1.475335e-01
## [3896] 1.429449e-01 1.738856e-01 2.135381e-01 1.361398e-01 1.360297e-01
## [3901] 1.433596e-01 1.803500e-01 1.501890e-01 1.885610e-01 1.400164e-01
## [3906] 1.782565e-01 1.859218e-01 1.254299e-01 1.578371e-01 1.228689e-01
## [3911] 1.930195e-01 1.519354e-01 1.258357e-01 1.332858e-01 1.380454e-01
## [3916] 1.228081e-01 1.157683e-01 1.176396e-01 2.128435e-01 1.336216e-01
## [3921] 1.181551e-01 1.169020e-01 1.209785e-01 1.702855e-01 2.244939e-01
## [3926] 1.475157e-01 1.428390e-01 1.151133e-01 1.174815e-01 3.584650e-01
## [3931] 1.190172e-01 1.227414e-01 2.871230e-01 1.176471e-01 1.166320e-01
## [3936] 1.195593e-01 2.060115e-01 1.072157e-01 1.163784e-01 1.397884e-01
## [3941] 1.322710e-01 1.770669e-01 1.072178e-01 1.120979e-01 1.061067e-01
## [3946] 1.076693e-01 1.095403e-01 1.240643e-01 1.576222e-01 3.652780e-01
## [3951] 2.960426e-01 8.547594e-01 4.471648e-01 2.070857e-01 1.571571e-01
## [3956] 1.358060e-01 1.862270e-01 1.368074e-01 1.591020e-01 1.101127e-01
## [3961] 2.303667e-01 1.120095e-01 3.153877e-01 1.159181e-01 1.275382e-01
## [3966] 1.534963e-01 1.525792e-01 1.085672e-01 1.109753e-01 2.750259e-01
## [3971] 1.182723e-01 1.582777e-01 1.280483e-01 1.271801e-01 3.029800e-01
## [3976] 1.082451e-01 1.129722e-01 1.006586e-01 1.022981e-01 1.177428e-01
## [3981] 1.338490e-01 9.974340e-02 1.566218e-01 1.415084e-01 1.182027e-01

```

```

## [3986] 1.257192e-01 1.141566e-01 1.392399e-01 1.467966e-01 1.345052e-01
## [3991] 1.462677e-01 2.508966e-01 1.073967e-01 2.038156e-01 1.110317e-01
## [3996] 1.421165e-01 1.110883e-01 1.138170e-01 1.423749e-01 1.275434e-01
## [4001] 1.374340e-01 1.915655e-01 1.271719e-01 1.415244e-01 1.329940e-01
## [4006] 1.426429e-01 2.906735e-01 1.261749e-01 1.675216e-01 1.695746e-01
## [4011] 1.056483e-01 1.343113e-01 8.750917e-01 2.054332e-01 1.814158e-01
## [4016] 2.248587e-01 1.599373e-01 1.243656e-01 1.316552e-01 1.190598e-01
## [4021] 1.226512e-01 1.174026e-01 1.335966e-01 1.176434e-01 1.542179e-01
## [4026] 1.064158e-01 1.182172e-01 1.595048e-01 1.108090e-01 1.041386e-01
## [4031] 1.724195e-01 1.151045e-01 1.214589e-01 1.075578e-01 1.064473e-01
## [4036] 1.099515e-01 1.387228e-01 1.193041e-01 1.115810e-01 1.117538e-01
## [4041] 1.048265e-01 2.696305e-01 1.610798e-01 1.045404e-01 1.815593e-01
## [4046] 1.616790e-01 1.035908e-01 1.079207e-01 1.198971e-01 1.286613e-01
## [4051] 1.099974e-01 1.054491e-01 1.041857e-01 1.018892e-01 1.419378e-01
## [4056] 1.063949e-01 1.058675e-01 1.278737e-01 1.187761e-01 1.080114e-01
## [4061] 9.529601e-02 1.485731e-01 8.984674e-02 9.134387e-02 1.577717e-01
## [4066] 3.431607e-01 8.059369e-02 7.950043e-02 8.846498e-02 9.544188e-02
## [4071] 8.273296e-02 1.896556e-01 9.653598e-02 1.378494e-01 1.472446e-01
## [4076] 5.972861e-01 1.597284e-01 1.735673e-01 1.056120e-01 1.014349e-01
## [4081] 8.111796e-02 1.011139e-01 8.312881e-02 1.190190e-01 1.107329e-01
## [4086] 9.392149e-02 8.842978e-02 9.861986e-02 1.167905e-01 1.091938e-01
## [4091] 1.025425e-01 9.324526e-02 9.690048e-02 9.404166e-02 1.723753e-01
## [4096] 9.410695e-02 1.500737e-01 1.235909e-01 1.006332e-01 1.157837e-01
## [4101] 1.379445e-01 1.469447e-01 1.829746e-01 8.797039e-02 8.706594e-02
## [4106] 1.050348e-01 8.314265e-02 8.558637e-02 8.477844e-02 1.002171e-01
## [4111] 1.314893e-01 2.254479e-01 2.904083e-01 8.492995e-02 1.229845e-01
## [4116] 9.633960e-02 8.498639e-02 8.653247e-02 1.333418e-01 7.592298e-02
## [4121] 7.721354e-02 2.242280e-01 9.228604e-02 1.773401e-01 1.243021e-01
## [4126] 1.652940e-01 3.055825e-01 1.721213e-01 8.127732e-02 2.036374e-01
## [4131] 8.460774e-02 1.180270e-01 9.250842e-02 1.237033e-01 3.751157e-01
## [4136] 1.055215e-01 1.436661e-01 1.208220e-01 8.765580e-02 1.272997e-01
## [4141] 6.006753e-02 9.722980e-02 5.633949e-02 6.684883e-02 1.927634e-01
## [4146] 5.602684e-02 6.639809e-02 1.099880e-01 5.549267e-01 1.202353e-01
## [4151] 1.024804e-01 9.304146e-02 3.153030e-01 3.854589e-01 5.430918e-02
## [4156] 1.003786e-01 4.954536e-02 1.285331e-01 1.273977e-01 6.320585e-02
## [4161] 7.030099e-02 8.942831e-02 7.409359e-02 1.058674e-01 1.801266e-01
## [4166] 1.338064e-01 5.977095e-02 5.277017e-02 4.321043e-02 7.086750e-02
## [4171] 9.421345e-02 1.245341e-01 4.005511e-02 4.194541e-02 9.101069e-02
## [4176] 6.526380e-02 1.891547e-01 3.766310e-02 1.416150e-01 3.259827e-02
## [4181] 6.694937e-02 5.495653e-02 1.720238e-01 1.521547e-01 9.466132e-02
## [4186] 3.481984e-02 4.381838e-02 4.972361e-02 6.489186e-02 7.358587e-02
## [4191] 5.424831e-02 1.087106e-01 1.941633e-01 1.343578e-01 6.316934e-02
## [4196] 5.037644e-02 1.313883e-01 8.709126e-02 6.788091e-02 3.581105e-02
## [4201] 4.011702e-01 9.434485e-02 2.036692e-01 2.443059e-01 3.216289e-01
## [4206] 6.111536e-01 5.974816e-01 6.396811e-02 5.757648e-02 2.283902e-01
## [4211] 6.520205e-02 5.083446e-02 4.897193e-02 2.228202e-01 3.566525e-01
## [4216] 6.320948e-02 6.093707e-02 1.454160e-01 5.880385e-02 1.608052e-01
## [4221] 2.019165e-01 1.477905e-01 4.993430e-02 7.961205e-02 5.718909e-02
## [4226] 5.415398e-02 4.798047e-02 2.748310e-01 5.484659e-02 6.374765e-02
## [4231] 5.907889e-02 6.002124e-02 1.071634e-01 1.281432e-01 4.691752e-02

```

```

## [4236] 4.392989e-02 4.905654e-02 1.422919e-01 5.386580e-02 4.019068e-01
## [4241] 2.752123e-01 5.437771e-02 6.771461e-01 1.313845e-01 7.040373e-02
## [4246] 1.799678e-01 1.408257e-01 1.109736e-01 2.831615e-01 5.549477e-01
## [4251] 1.058317e-01 1.591166e-01 1.031958e-01 6.722896e-01 9.231278e-02
## [4256] 8.317039e-02 7.452865e-02 9.116473e-02 1.589107e-01 2.266066e-01
## [4261] 8.853119e-02 3.038734e-01 2.513281e-01 5.891290e-01 2.659083e-01
## [4266] 1.361592e-01 2.039590e-01 1.269282e-01 9.671704e-02 1.236309e-01
## [4271] 5.714803e-01 1.139950e-01 1.107858e-01 9.811840e-02 3.284234e-01
## [4276] 9.504907e-02 1.622502e-01 1.120048e-01 1.663828e-01 8.905307e-02
## [4281] 1.397229e-01 1.073481e-01 8.027072e-02 2.314336e-01 1.180546e-01
## [4286] 7.876573e-02 1.138121e-01 8.659301e-02 1.231189e-01 8.631934e-02
## [4291] 7.909816e-02 8.718818e-01 1.404093e-01 1.201284e-01 1.417958e-01
## [4296] 6.439050e-02 3.724433e-01 6.928282e-02 9.345659e-02 7.937050e-02
## [4301] 2.015380e-01 2.902858e-01 1.093356e-01 1.197024e-01 1.052861e-01
## [4306] 1.005494e-01 9.274155e-02 7.369815e-02 6.850537e-02 2.091014e-01
## [4311] 6.417941e-02 8.625142e-02 1.135375e-01 3.518346e-01 1.600049e-01
## [4316] 1.109570e-01 5.018095e-01 2.852756e-01 5.472017e-02 5.228933e-02
## [4321] 5.631926e-02 1.132641e-01 6.008247e-02 1.565563e-01 5.300904e-02
## [4326] 5.600546e-02 2.216333e-01 1.183310e-01 8.338859e-02 7.396984e-02
## [4331] 2.363255e-01 2.225033e-01 1.538821e-01 7.854200e-02 1.072196e-01
## [4336] 1.217527e-01 1.536940e-01 7.219947e-02 7.241194e-02 7.280143e-02
## [4341] 1.636610e-01 6.378777e-02 6.555856e-02 6.304092e-02 6.689644e-02
## [4346] 1.045775e-01 7.048890e-02 6.586914e-02 1.391187e-01 6.288562e-02
## [4351] 6.006216e-02 8.381878e-02 7.917576e-02 1.005007e-01 7.509143e-02
## [4356] 5.676680e-02 7.379057e-02 5.278333e-01 9.270513e-02 6.662122e-02
## [4361] 7.446327e-02 2.296906e-01 2.186880e-01 1.142310e-01 6.878204e-02
## [4366] 1.125627e-01 1.197622e-01 7.419584e-02 1.226651e-01 1.895329e-01
## [4371] 9.317747e-02 7.653766e-02 7.416123e-02 1.404951e-01 8.016592e-02
## [4376] 8.952498e-02 7.498502e-02 9.189838e-02 1.969217e-01 1.959056e-01
## [4381] 9.823882e-02 1.168693e-01 7.861689e-02 8.896324e-02 3.560922e-01
## [4386] 1.206746e-01 1.160684e-01 1.742819e-01 9.446996e-02 7.530566e-02
## [4391] 1.160524e-01 1.518090e-01 2.012028e-01 1.681143e-01 1.719184e-01
## [4396] 8.035993e-02 8.045758e-02 8.574469e-02 2.232641e-01 8.543648e-02
## [4401] 9.799716e-02 1.689376e-01 2.009384e-01 7.846729e-02 1.419151e-01
## [4406] 4.523910e-01 1.061554e-01 7.174043e-02 6.881440e-02 2.105248e-01
## [4411] 8.861190e-02 6.529085e-02 6.280294e-02 6.358916e-02 8.474147e-02
## [4416] 5.507065e-01 7.175861e-02 3.526394e-01 8.012415e-02 1.316723e-01
## [4421] 1.580865e-01 3.802851e-01 2.034724e-01 7.947980e-02 1.169625e-01
## [4426] 1.045249e-01 3.701643e-01 1.058916e-01 2.136262e-01 1.142123e-01
## [4431] 1.514167e-01 8.072395e-02 1.174721e-01 1.349581e-01 1.360114e-01
## [4436] 7.762972e-02 8.124047e-02 1.312451e-01 1.573876e-01 2.444701e-01
## [4441] 8.746519e-02 8.314716e-02 1.524708e-01 2.124862e-01 1.106627e-01
## [4446] 9.404135e-02 2.547085e-01 1.568979e-01 1.220374e-01 2.803678e-01
## [4451] 4.352659e-01 1.392480e-01 9.200179e-02 7.997724e-02 1.943759e-01
## [4456] 2.442259e-01 2.812132e-01 7.475737e-01 8.538061e-02 1.862305e-01
## [4461] 2.551942e-01 4.395019e-02 4.523378e-02 5.574008e-02 9.602816e-02
## [4466] 5.740428e-02 8.089745e-02 5.865479e-02 4.387660e-02 1.454884e-01
## [4471] 1.267511e-01 7.465826e-02 4.120298e-02 2.617517e-01 4.077681e-02
## [4476] 8.712665e-02 1.182450e-01 4.048843e-02 6.722266e-02 5.510280e-02
## [4481] 1.351585e-01 4.142824e-02 2.502068e-01 1.040859e-01 1.442003e-01

```

```

## [4486] 4.721674e-02 7.473271e-02 4.690592e-02 1.348529e-01 4.456179e-02
## [4491] 5.875486e-02 7.008303e-02 4.333746e-02 1.010594e-01 6.170358e-02
## [4496] 8.652015e-02 6.929850e-02 4.777499e-02 5.514213e-02 5.533094e-02
## [4501] 2.064178e-01 5.209127e-02 1.864945e-01 6.851578e-02 4.754628e-02
## [4506] 4.337777e-02 4.795367e-02 4.311953e-02 5.790635e-02 2.044015e-01
## [4511] 4.432957e-01 3.581943e-02 4.981579e-02 3.635668e-02 1.460172e-01
## [4516] 1.079895e-01 2.959486e-01 4.676558e-02 1.146846e-01 2.624289e-02
## [4521] 3.285274e-02 3.243048e-02 4.153539e-02 4.959585e-02 5.161426e-02
## [4526] 2.139875e-02 2.127886e-02 5.235200e-02 4.984153e-02 3.466137e-02
## [4531] 2.451279e-02 5.512981e-02 6.153829e-02 6.787209e-02 7.038651e-02
## [4536] 2.431107e-02 7.680283e-02 5.305253e-02 3.678855e-02 2.266521e-02
## [4541] 2.488064e-02 3.733799e-02 6.205181e-02 4.490033e-02 3.705925e-02
## [4546] 4.621235e-02 8.663543e-02 2.279077e-02 2.648067e-02 7.353278e-02
## [4551] 5.715618e-02 2.291503e-02 3.010832e-01 1.105428e-01 2.076655e-02
## [4556] 3.853904e-01 7.156651e-02 3.393131e-02 6.063428e-02 1.047483e-01
## [4561] 2.030221e-02 3.049375e-02 2.150884e-02 2.259959e-02 2.399894e-02
## [4566] 8.990881e-02 2.070684e-02 5.042351e-02 1.969349e-01 4.988248e-02
## [4571] 2.252213e-02 3.502718e-01 1.069827e-01 6.905375e-02 7.217472e-03
## [4576] 2.659479e-02 2.977674e-01 8.116124e+00 5.014269e-02 3.212170e-01
## [4581] 1.170331e-02 2.875619e-01 2.641819e-02 1.783742e-02 2.015172e-02
## [4586] 9.598137e-03 3.123864e-01 1.371636e-01 6.496432e-02 5.432002e-02
## [4591] 1.983178e-02 2.160227e-02 4.070424e-02 5.703267e-02 1.133020e-03
## [4596] 2.603623e-03 6.968193e-01 5.453349e-01 1.224339e-02 1.475307e+00
## [4601] 9.552949e-01 7.997657e-02 4.117103e-03 4.136595e-02 2.543169e-02
## [4606] 1.085653e-01 3.121411e-01 1.268099e-02 2.728742e-01 1.631486e-01
## [4611] 1.772714e-01 2.440351e-01 2.094275e-01 3.830785e-03 1.051849e-01
## [4616] 4.848633e-01 1.131965e-01 6.010279e-02 5.112204e-03 1.503918e-02
## [4621] 3.897273e-02 1.097615e+00 8.347310e-01 3.234201e-01 1.486935e-01
## [4626] 3.273082e-01 1.294635e+00 1.573682e-01 2.055590e-01 9.770156e-04
## [4631] 3.912592e-02 1.011780e-01 3.606722e-01 2.675124e-02 1.337862e-01
## [4636] 7.359816e-01 1.073713e-01 2.225981e-02 3.975352e-01 2.084782e-01
## [4641] 6.498224e-03 1.132639e+00 1.436483e-01 2.538721e-02 8.686249e-02
## [4646] 2.780342e-01 4.471849e-03 1.169180e-02 5.758767e-02 6.054404e-01
## [4651] 2.663692e-01 8.115866e-02 3.824043e-02 2.744321e-01 3.628302e-01
## [4656] 1.825923e-01 1.472576e+00 1.767523e-01 1.760004e-01 1.003093e+00
## [4661] 5.139757e-02 1.463029e-02 2.144659e-01 3.854857e-02 1.564441e-02
## [4666] 1.910401e-01 4.041677e-01 1.181381e-01 8.958413e-02 5.699452e-01
## [4671] 1.713204e-01 8.558882e-02 7.088570e-01 5.713847e-01 4.187876e-02
## [4676] 3.984769e-01 9.041088e-01 1.364162e-01 5.303778e-01 2.891891e-01
## [4681] 7.240131e-02 5.860956e-02 5.089023e-02 3.344319e-02 1.174865e-02
## [4686] 3.393103e-01 8.971442e-01 4.029258e-02 3.435978e-01 1.216160e+00
## [4691] 5.544772e-01 3.985390e-01 6.217823e-01 5.134498e-01 1.029992e-01
## [4696] 1.731060e-01 5.025212e+00 5.588084e-01 1.164969e-02 1.953480e-02
## [4701] 1.922171e-01 8.995837e-03 2.063119e-01 6.438224e-03 1.479045e-02
## [4706] 1.131401e+00 2.466732e+00 7.708202e-01 3.304429e-02 1.044091e+00
## [4711] 1.648835e+00 4.357007e-01 2.427549e+00 1.752559e-02 6.698184e-02
## [4716] 1.080295e-02 5.498866e-01 4.378418e-02 1.288187e-02 1.029167e-01
## [4721] 8.554547e-01 6.870790e-01 1.016722e+00 1.976454e-02 2.388575e-01
## [4726] 2.267168e-04 7.376759e-02 5.780592e-03 1.750966e+00 6.287455e-03
## [4731] 4.429082e-04 1.095521e-01 3.703024e-01 2.209111e-02 6.436441e-05

```

```

## [4736] 1.933549e-01 2.704983e-02 1.432981e-01 1.285965e-01 1.586470e-02
## [4741] 3.249155e-01 2.506132e-01 9.189272e-02 8.047119e-01 2.587502e-01
## [4746] 8.556443e-01 6.273392e-02 6.446625e-01 1.724271e-02 9.929328e-02
## [4751] 2.257688e-01 1.055139e-01 6.582713e-02 7.267693e-01 1.698088e-01
## [4756] 1.830190e-03 1.150059e-03 8.413273e-02 1.827756e-01 1.193261e-01
## [4761] 6.278110e-02 3.534787e-01 2.752733e-01 3.983824e-02 5.366570e-03
## [4766] 5.053760e-02 3.244291e-01 2.771063e-01 8.589273e-02 5.927700e-01
## [4771] 1.374278e-01 1.370717e+00 1.252683e-01 2.565399e-01 6.608528e-01
## [4776] 1.108727e+00 1.372423e-01 3.120217e-01 2.234621e-01 3.005905e-02
## [4781] 9.112497e-02 2.735071e-02 7.074687e-01 2.414910e-01 1.793406e-01
## [4786] 3.601905e-02 1.952447e-01 1.613422e-01 2.571225e-02 1.824980e-01
## [4791] 4.656364e-02 4.123149e-01 3.314351e-02 2.207882e-01 3.356957e-02
## [4796] 3.197271e-02 1.450499e-01 3.197154e-02 1.087530e-01 8.580075e-02
## [4801] 3.429938e-02 2.024490e-01 2.124164e-01 1.366819e-01 4.666897e-01
## [4806] 2.842976e-02 2.752828e-02 1.339907e-01 1.852825e-01 1.498443e-01
## [4811] 1.955008e-02 2.484802e-01 2.705174e-02 3.277510e-02 2.783373e-01
## [4816] 1.348457e-01 5.283699e-01 5.558650e-02 1.566016e-01 9.731486e-02
## [4821] 2.728920e-01 8.691239e-02 2.182223e-01 4.250375e-01 3.726615e-02
## [4826] 2.349334e-01 5.216478e-02 6.423788e-02 6.188355e-02 1.839661e-01
## [4831] 1.904925e-01 3.858098e-02 2.007849e-01 1.606303e-01 2.703365e-01
## [4836] 7.433593e-02 5.798291e-02 2.255765e-01 5.515256e-02 4.835497e-02
## [4841] 5.406375e-02 5.231089e-02 5.904516e-02 1.154261e-01 8.163936e-02
## [4846] 1.083982e-01 4.828920e-02 4.921135e-02 1.056491e-01 6.208922e-02
## [4851] 4.748985e-02 1.433088e-01 8.576510e-02 3.334747e-01 7.787881e-02
## [4856] 8.246509e-02 7.662886e-02 5.031585e-02 5.751914e-02 8.209143e-01
## [4861] 1.323956e-01 5.783088e-02 1.237372e+00 7.433345e-01 2.314413e-01
## [4866] 4.801692e-02 2.616728e-01 1.561442e-01 1.221659e-01 1.229452e-01
## [4871] 2.134577e-01 4.518219e-01 9.748965e-02 8.335497e-02 7.813423e-01
## [4876] 4.880706e-01 8.704475e-02 1.721734e-01 9.160900e-02 2.290462e-01
## [4881] 2.415912e-01 1.008027e-01 2.106525e-01 9.597059e-02 3.969262e-01
## [4886] 8.670411e-02 8.428710e-02 5.423427e-01 2.987657e-01 1.330654e-01
## [4891] 9.503465e-02 1.091075e-01 4.056780e-01 6.916398e-01 1.347517e-01
## [4896] 4.017150e-01 6.013137e-01 1.495885e-01 3.349710e-01 6.452207e-01
## [4901] 1.134970e+00 6.570688e-02 2.278599e-01 6.715738e-01 9.058822e-02
## [4906] 2.730093e-01 4.383599e+00 7.808791e-02 2.306380e+00 6.454454e-01
## [4911] 1.970391e-01 2.239473e-01 4.635033e-02 7.346316e-01 7.923592e-02
## [4916] 6.080629e-02 1.683558e-01 3.763601e-01 1.360882e-01 4.542819e-01
## [4921] 2.772212e-01 6.236485e-02 7.582340e-01 5.092175e-02 1.764556e-01
## [4926] 1.087842e-01 5.302391e-02 1.647720e-01 3.633118e-01 3.271898e-01
## [4931] 1.286303e-01 2.046097e-01 2.301342e-01 7.784266e-02 5.294853e-02
## [4936] 5.563240e-02 9.040216e-02 2.793297e-01 9.977540e-02 2.088122e-01
## [4941] 9.262106e-01 9.469727e-02 4.680475e-02 1.280612e+00 7.091304e-01
## [4946] 6.599559e-02 6.395643e-02 1.719068e-01 6.924971e-01 1.083122e-01
## [4951] 1.781111e-01 7.967592e-02 7.225652e-02 2.170328e-01 5.078691e-01
## [4956] 8.075201e-02 4.940610e-01 1.411786e-01 1.152903e-01 1.013458e-01
## [4961] 7.948925e-02 1.248916e-01 1.351121e-01 1.193305e-01 8.142394e-02
## [4966] 1.136709e-01 2.561459e-01 7.820377e-02 1.340937e-01 1.788209e-01
## [4971] 8.788446e-02 3.627395e-01 1.156582e-01 1.317187e-01 3.103775e-01
## [4976] 1.038179e-01 1.828244e-01 9.598589e-02 2.401358e-01 2.162530e-01
## [4981] 9.915137e-02 1.448910e-01 1.266870e-01 1.040515e-01 9.645075e-02

```

```

## [4986] 1.236163e-01 1.167556e-01 1.571529e-01 1.328221e-01 9.990791e-02
## [4991] 1.021465e-01 1.069035e-01 1.005749e-01 2.130575e-01 8.716989e-01
## [4996] 3.060197e-01 9.564633e-02 2.032548e-01 3.686140e-01 1.706086e-01
## [5001] 9.244403e-01 1.252916e-01 4.481883e-01 1.763893e-01 9.575448e-01
## [5006] 1.455772e-01 8.967668e-01 1.942672e-01 3.398814e-01 1.974745e-01
## [5011] 2.712074e-01 2.590710e-01 8.680931e-01 1.694516e-01 3.610197e-01
## [5016] 1.596647e-01 1.799146e-01 1.421824e-01 1.425406e-01 1.423643e-01
## [5021] 2.115878e-01 1.985955e+00 1.614745e+00 1.749547e-01 2.382846e-01
## [5026] 3.208119e-01 2.816108e-01 4.139877e-01 1.793815e-01 2.330862e-01
## [5031] 2.018595e-01 3.609584e-01 1.840869e-01 2.903812e-01 4.754656e-01
## [5036] 8.429322e-01 2.080849e-01 3.615061e-01 2.282178e-01 2.800434e-01
## [5041] 4.835556e-01 2.253026e-01 2.227571e-01 3.017892e-01 2.374280e-01
## [5046] 4.528618e-01 3.048637e-01 4.735636e-01 3.037986e-01 2.420394e-01
## [5051] 4.000728e+00 1.997819e-01 2.395412e-01 6.584688e-01 3.035913e-01
## [5056] 4.194309e-01 1.746525e+00 3.007497e-01 2.788503e-01 2.272339e-01
## [5061] 2.374660e-01 8.814332e-01 8.089874e-01 7.085462e-01 2.245828e-01
## [5066] 6.505966e-01 1.348233e+00 5.465755e-01 1.928912e-01 5.103911e-01
## [5071] 6.902418e-01 2.267722e-01 3.624801e-01 2.683218e-01 2.269652e-01
## [5076] 3.458658e-01 1.434868e+00 2.710583e-01 2.759028e-01 3.292210e-01
## [5081] 6.720571e-01 2.848738e-01 6.176202e-01 2.052574e+00 4.761719e-01
## [5086] 3.381239e+00 2.218383e-01 3.204429e-01 7.025357e-01 2.219261e-01
## [5091] 2.306627e-01 2.707246e-01 2.068858e-01 1.382427e+00 4.266438e-01
## [5096] 3.010360e-01 3.178907e-01 2.344133e-01 1.133895e+00 2.056134e-01
## [5101] 2.297705e-01 6.527148e-01 1.869372e-01 2.484724e-01 5.288962e-01
## [5106] 1.726934e-01 8.736895e-01 4.953772e-01 3.372146e-01 3.056380e-01
## [5111] 5.060146e-01 1.929734e-01 3.186856e-01 7.368021e-01 2.532297e-01
## [5116] 2.076119e-01 1.079710e+00 2.752990e-01 3.241641e-01 1.030921e+00
## [5121] 3.577637e-01 2.090647e-01 3.206845e-01 2.824898e-01 4.450415e-01
## [5126] 3.070796e-01 2.122138e-01 2.628059e-01 1.955961e-01 2.498390e-01
## [5131] 1.836906e-01 6.403812e-01 6.262411e-01 8.982571e-01 2.271146e-01
## [5136] 4.854778e-01 2.766697e-01 2.940907e-01 2.723764e-01 2.410815e-01
## [5141] 2.864311e-01 6.900047e-01 2.410780e-01 5.551106e-01 1.526950e+00
## [5146] 3.776889e-01 2.712024e-01 3.847831e-01 6.566503e+00 1.237913e+00
## [5151] 3.823522e-01 3.502398e-01 3.656507e-01 1.809412e+00 8.440454e-01
## [5156] 3.743883e-01 7.522864e-01 4.223948e-01 3.735125e-01 5.250287e-01
## [5161] 5.613415e-01 3.751124e-01 5.816655e-01 5.883250e-01 4.042585e-01
## [5166] 5.602568e-01 1.229317e+00 2.671808e+00 6.060541e-01 8.558357e-01
## [5171] 4.053162e+00 7.871009e-01 7.063386e-01 5.553658e+00 1.027285e+00
## [5176] 1.142679e+00 4.657256e-01 6.318242e-01 5.105099e-01 4.309795e-01
## [5181] 5.229689e-01 8.468158e-01 4.495471e-01 5.109996e-01 4.657900e-01
## [5186] 9.561055e-01 4.433406e-01 4.673966e-01 7.079723e-01 4.798612e-01
## [5191] 4.776947e-01 9.446550e-01 1.482536e+00 1.380983e+00 5.804173e-01
## [5196] 1.015281e+00 9.848137e-01 6.068254e-01 8.785699e-01 1.618661e+00
## [5201] 4.135375e+00 1.678346e+00 1.559137e+00 6.304847e-01 1.578520e+00
## [5206] 3.826896e+00 2.840663e+00 1.676511e+00 1.155294e+00 1.209745e+00
## [5211] 1.140427e+00 5.043342e+00 9.328558e-01 1.064872e+01 8.177771e+00
## [5216] 1.289163e+00 2.327960e+01 4.183634e+00 2.127537e+01 4.403348e+00
## [5221] 2.434493e+00 3.691850e+00 7.796849e+00 1.022805e+00 1.143463e+00
## [5226] 2.653448e+00 1.008150e+00 1.298570e+00 1.132966e+00 1.687012e+00
## [5231] 1.533193e+00 1.202839e+00 2.288337e+00 4.403729e+00 4.092630e+00

```

```

## [5236] 1.211305e+00 2.362050e+00 1.178877e+00 2.082171e+00 1.409411e+00
## [5241] 3.682292e+00 1.344273e+00 1.707250e+00 1.612287e+00 1.405752e+00
## [5246] 5.760601e+00 1.279146e+00 2.454013e+00 7.118946e+00 3.509937e+00
## [5251] 1.958466e+01 1.636046e+00 6.782874e+00 7.518642e+00 8.183236e-01
## [5256] 1.017013e+01 1.293693e+00 2.775214e+00 1.959181e+00 9.804554e-01
## [5261] 1.343762e+00 1.236141e+00 1.935838e+00 9.404541e-01 6.966198e+00
## [5266] 1.740624e+00 1.856470e+00 4.730634e+00 3.716556e+00 1.969299e+01
## [5271] 9.785391e-01 4.836971e+00 1.345689e+01 2.008567e+00 2.525331e+00
## [5276] 1.573692e+00 1.746979e+00 2.452160e+00 1.713711e+00 1.266448e+00
## [5281] 1.545125e+00 1.301168e+00 1.460843e+00 1.287006e+00 1.616178e+00
## [5286] 1.607220e+00 1.240531e+00 1.341284e+00 1.241980e+00 1.429558e+00
## [5291] 4.580941e+00 1.390479e+00 1.503673e+00 1.855997e+00 1.522516e+00
## [5296] 1.526175e+00 1.468479e+00 2.412116e+00 3.454903e+00 1.732452e+00
## [5301] 1.742802e+00 1.531535e+00 1.734165e+00 1.668272e+00 1.570237e+00
## [5306] 2.009254e+00 1.599105e+00 2.709236e+00 3.963919e+00 1.901449e+00
## [5311] 4.411348e+00 3.853260e+00 6.392888e+00 2.767865e+00 8.728617e+00
## [5316] 4.461686e+00 2.429285e+00 4.940330e+00 4.358643e+00 1.609707e+00
## [5321] 2.347555e+00 2.462478e+00 1.743296e+00 2.735797e+00 5.405356e+00
## [5326] 2.177729e+00 1.885176e+00 5.608856e+00 2.000653e+00 2.667788e+00
## [5331] 2.219139e+00 2.112190e+00 1.902940e+00 6.112278e+00 4.866357e+00
## [5336] 1.303554e+01 9.195456e+00 1.973344e+00 2.453701e+00 9.069106e+00
## [5341] 2.499213e+00 3.679595e+00 2.257302e+00 4.387768e+00 3.117219e+00
## [5346] 2.080680e+00 2.112673e+00 2.184802e+00 4.324853e+00 2.988078e+00
## [5351] 2.086550e+00 2.607685e+00 2.126131e+00 4.953183e+00 2.165665e+00
## [5356] 2.195234e+00 2.817201e+00 2.277324e+00 9.341865e+00 2.569560e+00
## [5361] 2.636343e+00 3.229456e+00 8.402869e+00 9.750328e+00 2.960860e+00
## [5366] 5.462113e+00 1.428726e+01 2.444794e+00 2.695560e+00 3.933385e+00
## [5371] 9.130053e+00 4.051946e+00 2.782570e+00 2.405505e+00 7.054753e+00
## [5376] 5.516201e+00 5.883009e+00 2.536448e+00 3.909956e+00 2.457957e+00
## [5381] 3.391332e+00 4.917354e+00 4.905783e+00 7.132387e+00 4.597437e+00
## [5386] 2.260406e+00 2.439792e+00 3.618084e+01 1.633371e+00 2.928059e+00
## [5391] 5.378516e+00 6.492385e+00 2.255166e+00 1.003295e+01 3.084137e+00
## [5396] 1.905003e+00 4.191339e+00 4.076953e+01 2.284520e+01 1.502229e+00
## [5401] 4.936505e+01 7.821143e+00 4.012182e+00 7.513680e+00 1.943959e+00
## [5406] 4.148183e+00 3.490330e+00 2.474420e+01 1.684129e+00 2.803942e+00
## [5411] 1.360258e+01 2.357212e+00 1.192431e+01 6.417253e+00 1.402334e+00
## [5416] 1.471069e+01 1.245356e+01 3.254700e+00 1.721748e+00 7.383962e+00
## [5421] 1.352610e+00 1.533816e+01 1.461906e+00 1.938329e+00 1.777600e+00
## [5426] 2.653361e+01 2.559733e+01 2.015899e+01 2.443541e+00 5.232532e+00
## [5431] 1.508183e+00 2.870809e+00 8.102984e+00 7.647713e+00 1.648426e+00
## [5436] 8.472364e+00 2.641977e+00 2.592101e+01 7.282590e-01 3.601550e+01
## [5441] 1.172458e+00 1.084666e+00 1.265373e+00 1.963680e+01 2.249152e+00
## [5446] 8.275546e+00 3.939184e+00 1.596790e+00 1.594654e+00 2.260542e+00
## [5451] 1.376536e+00 1.344165e+00 7.698934e+00 1.487727e+00 2.161971e+00
## [5456] 2.273210e+00 9.048704e+00 2.146911e+00 2.120047e+00 1.454693e+00
## [5461] 1.450157e+00 5.733222e+00 9.168827e+00 3.942939e+00 1.811554e+00
## [5466] 1.761130e+00 2.295217e+00 4.319435e+00 1.635513e+00 1.272590e+00
## [5471] 1.537150e+00 5.380584e+00 1.504118e+00 1.333584e+00 2.518268e+00
## [5476] 3.820277e+00 1.499438e+00 1.321589e+00 1.608359e+00 1.553949e+00
## [5481] 1.777211e+00 1.994570e+00 1.466531e+00 2.455775e+00 1.993468e+00

```

```

## [5486] 1.827636e+00 3.744417e+00 6.845740e+00 2.343981e+00 8.259187e+00
## [5491] 1.537182e+00 1.749992e+00 1.553377e+00 1.905178e+00 4.685218e+00
## [5496] 1.979307e+00 4.436928e+00 3.755731e+00 8.327886e+00 2.728867e+00
## [5501] 2.001968e+00 2.747812e+00 1.794333e+00 1.840568e+00 2.592054e+00
## [5506] 1.901073e+00 1.963662e+00 1.871347e+00 2.199252e+00 2.975754e+00
## [5511] 2.178058e+00 2.124537e+00 1.992086e+00 2.008651e+00 1.992034e+00
## [5516] 2.524187e+00 2.186292e+00 2.128353e+00 5.646811e+00 5.912276e+00
## [5521] 3.790482e+00 2.766545e+00 3.966860e+00 2.553839e+00 2.227137e+00
## [5526] 3.580159e+00 2.571811e+00 3.005235e+00 6.002582e+00 3.276883e+00
## [5531] 2.174705e+00 2.119128e+00 2.256915e+00 2.446831e+00 1.939054e+00
## [5536] 8.477722e+00 3.824052e+00 3.811528e+00 2.158073e+00 2.883156e+00
## [5541] 2.245687e+00 3.227682e+00 2.343650e+00 1.988440e+00 1.901399e+00
## [5546] 2.092706e+00 2.405297e+00 1.624550e+01 4.826302e+00 1.990790e+00
## [5551] 2.691778e+00 7.452268e+00 7.174635e+00 3.168267e+00 1.994152e+00
## [5556] 2.089668e+00 2.163706e+00 2.432045e+00 2.124694e+00 2.156678e+00
## [5561] 2.853274e+00 2.205297e+00 2.176836e+00 5.610024e+00 2.239009e+00
## [5566] 2.164167e+00 2.807898e+00 2.188776e+00 3.058693e+00 2.296178e+00
## [5571] 3.023307e+00 3.498089e+00 8.107152e+00 4.089366e+00 4.309054e+00
## [5576] 2.528684e+00 2.519841e+00 2.480939e+00 3.082359e+00 2.376998e+00
## [5581] 4.540737e+00 3.185826e+00 2.429307e+00 5.944383e+00 4.655844e+00
## [5586] 2.268928e+00 3.083254e+00 2.340396e+00 5.104704e+00 2.783955e+00
## [5591] 3.349164e+00 1.773014e+00 1.819944e+00 3.151915e+00 4.464327e+00
## [5596] 3.240141e+00 2.119144e+00 7.795110e+00 4.552411e+00 1.828641e+00
## [5601] 1.791471e+00 1.864398e+00 2.320494e+00 1.964299e+00 3.513994e+00
## [5606] 7.709903e+00 1.747414e+00 2.273774e+00 2.044223e+00 1.831427e+00
## [5611] 3.127891e+00 3.199707e+00 1.856673e+00 3.211114e+00 1.962301e+00
## [5616] 2.164655e+00 1.879589e+00 2.333343e+00 2.093986e+00 1.941007e+00
## [5621] 2.620878e+00 2.761539e+00 1.869117e+00 1.881683e+00 4.173863e+00
## [5626] 2.044947e+00 9.377348e+00 3.295468e+00 3.274919e+00 3.177583e+00
## [5631] 1.941829e+00 1.933324e+00 2.195015e+00 2.091536e+00 2.329905e+00
## [5636] 1.631020e+00 2.420519e+00 1.623695e+00 1.644969e+00 1.965887e+00
## [5641] 1.859532e+00 3.971292e+00 1.826531e+00 1.999923e+00 4.584362e+00
## [5646] 2.709190e+00 3.268902e+00 1.712263e+00 2.122259e+00 1.556397e+01
## [5651] 4.701982e+00 2.130070e+00 3.158154e+00 1.751731e+00 1.846995e+00
## [5656] 1.892284e+00 1.964120e+00 1.865125e+00 2.502210e+00 1.776092e+00
## [5661] 1.832846e+00 1.805349e+00 2.941300e+00 1.733660e+00 2.940534e+00
## [5666] 2.425385e+00 1.715329e+00 1.682724e+00 1.813679e+00 1.842717e+00
## [5671] 3.257135e+00 2.860146e+00 2.984065e+00 2.684411e+00 3.368460e+00
## [5676] 2.109819e+00 2.221129e+00 3.286989e+00 1.677834e+00 1.667736e+00
## [5681] 1.821136e+00 1.869041e+00 2.108912e+00 1.735209e+00 1.753173e+00
## [5686] 2.386961e+00 2.111155e+00 2.316428e+00 2.277651e+00 1.894165e+00
## [5691] 1.828860e+00 1.766948e+01 2.524264e+00 4.248948e+00 2.103564e+00
## [5696] 4.005658e+00 2.464885e+00 8.488616e+00 2.174105e+00 2.182851e+00
## [5701] 2.332937e+00 3.581889e+00 2.092636e+00 2.830900e+00 2.292264e+00
## [5706] 2.107118e+00 3.381653e+00 4.672367e+00 2.279365e+00 2.069485e+00
## [5711] 4.773425e+00 2.175687e+00 2.585718e+00 2.075278e+00 2.633919e+00
## [5716] 8.297129e+00 2.561439e+00 4.047196e+00 5.621870e+00 2.963287e+00
## [5721] 7.586694e+00 1.119652e+01 2.990704e+00 3.039135e+00 3.098928e+00
## [5726] 4.236487e+00 6.334564e+00 3.100477e+00 4.195295e+00 9.585785e+00
## [5731] 2.642668e+00 1.162000e+01 2.724280e+00 1.012725e+01 1.834628e+01

```

```

## [5736] 1.006432e+01 1.642016e+01 5.389117e+00 2.412856e+00 4.536121e+00
## [5741] 4.339601e+00 3.671317e+00 6.224884e+00 8.089989e+00 4.923224e+00
## [5746] 9.288851e+00 5.496728e+00 2.362326e+01 3.634900e+00 2.290805e+01
## [5751] 2.130283e+01 2.615033e+00 5.916869e+00 1.212937e+01 5.091284e+00
## [5756] 8.194082e+00 2.906847e+00 4.123312e+00 3.262203e+00 2.184225e+00
## [5761] 1.542669e+01 2.556837e+00 4.344041e+00 2.596100e+00 5.913504e+00
## [5766] 2.691573e+01 1.227871e+01 1.736184e+01 3.939804e+00 4.048613e+00
## [5771] 2.910443e+01 3.908239e+00 3.999614e+00 4.152338e+00 1.842705e+01
## [5776] 1.442146e+01 1.026067e+01 1.450116e+01 1.173586e+01 1.588550e+01
## [5781] 5.135491e+00 5.535684e+00 3.983732e+00 4.156646e+00 8.210475e+00
## [5786] 1.344475e+01 3.878525e+00 6.738056e+00 1.001427e+01 5.880168e+00
## [5791] 5.634593e+00 5.937760e+00 1.324300e+01 5.124630e+00 8.174890e+00
## [5796] 4.187426e+00 5.068695e+00 6.713537e+00 6.261559e+00 4.465735e+00
## [5801] 4.792724e+00 5.088149e+00 9.596180e+00 6.643587e+00 2.246562e+01
## [5806] 5.197679e+00 1.126037e+01 1.472015e+01 1.222104e+01 5.035615e+00
## [5811] 5.213675e+00 5.408867e+00 5.300902e+00 8.597074e+00 1.098359e+01
## [5816] 1.212450e+01 6.581608e+00 2.716132e+01 5.550354e+00 2.444232e+01
## [5821] 5.590129e+01 7.802052e+00 5.810318e+01 1.785674e+01 1.947297e+01
## [5826] 2.358093e+01 8.565480e+00 7.815065e+01 7.580940e+00 2.336453e+01
## [5831] 1.008685e+01 1.375270e+01 1.387888e+02 3.645520e+01 9.491374e+00
## [5836] 4.743482e+01 2.855081e+01 7.463013e+00 1.622229e+01 7.292347e+00
## [5841] 1.248799e+01 2.817124e+01 2.270277e+01 1.295440e+01 2.138375e+01
## [5846] 1.184638e+01 1.812636e+01 9.348150e+00 1.073119e+01 1.834277e+01
## [5851] 9.401745e+00 1.066150e+01 8.526821e+00 4.360302e+01 1.421927e+01
## [5856] 1.619360e+01 9.041592e+00 8.940098e+00 1.856216e+01 3.820575e+01
## [5861] 1.735142e+01 1.083714e+01 1.621835e+01 1.064556e+01 1.109510e+01
## [5866] 5.362196e+01 1.043593e+01 8.116727e+00 2.368506e+01 6.482160e+01
## [5871] 3.527071e+01 2.325984e+01 9.508098e+00 4.105021e+01 7.097952e+00
## [5876] 2.571233e+01 1.700883e+01 3.885628e+01 5.425958e+01 1.342868e+01
## [5881] 1.339567e+01 1.045772e+01 1.070972e+01 8.205312e+00 9.109486e+00
## [5886] 1.023892e+01 1.825561e+01 2.107700e+01 2.108642e+01 1.179715e+01
## [5891] 2.913735e+01 3.961252e+01 1.156289e+01 3.150068e+01 1.687193e+01
## [5896] 3.503447e+01 3.576228e+01 8.403001e+00 1.041316e+01 8.578863e+00
## [5901] 9.016390e+00 8.613753e+00 2.197304e+01 3.205908e+01 8.739717e+00
## [5906] 5.527654e+01 1.744208e+01 1.058820e+01 3.125185e+01 9.074009e+00
## [5911] 9.190250e+00 3.238484e+01 1.865688e+01 2.762286e+01 1.542409e+01
## [5916] 8.037890e+00 1.296853e+01 1.501129e+01 1.010608e+01 8.315516e+00
## [5921] 8.499956e+00 8.569666e+00 8.948416e+00 1.480109e+01 8.910899e+00
## [5926] 1.309415e+01 1.201881e+01 9.188665e+00 9.153265e+00 1.189212e+01
## [5931] 8.018609e+00 9.423156e+00 2.053687e+01 8.292226e+00 9.232859e+00
## [5936] 8.776779e+00 8.721688e+00 2.320435e+01 8.987410e+00 1.380295e+01
## [5941] 8.484395e+00 8.379921e+00 9.262152e+00 9.371531e+00 3.663071e+01
## [5946] 9.648763e+00 1.834776e+01 9.518394e+00 3.045223e+01 1.806908e+01
## [5951] 8.013839e+00 8.161249e+00 8.200102e+00 1.119726e+01 7.778730e+00
## [5956] 1.308012e+01 1.274992e+01 8.656894e+00 8.532050e+00 3.152102e+01
## [5961] 9.737269e+00 9.205179e+00 1.245703e+01 1.232467e+01 4.679878e+01
## [5966] 8.542728e+00 9.939884e+00 4.383308e+01 9.423340e+00 4.987550e+01
## [5971] 9.111997e+00 1.324177e+01 1.287837e+01 9.036681e+00 1.102516e+01
## [5976] 1.131153e+01 1.158981e+01 9.585939e+00 1.616594e+01 1.653791e+01
## [5981] 2.817528e+01 1.035801e+01 2.403612e+01 8.107112e+00 2.768364e+01

```

```

## [5986] 7.594824e+00 9.210438e+00 1.509938e+01 2.566247e+01 1.054360e+01
## [5991] 7.079932e+00 1.941367e+01 1.454179e+01 1.253661e+01 8.123019e+00
## [5996] 8.417367e+00 7.768891e+00 8.037817e+00 2.146698e+01 2.424809e+01
## [6001] 1.488611e+01 1.428130e+01 8.339842e+00 2.055359e+01 9.442833e+00
## [6006] 7.643131e+00 9.060959e+00 7.954869e+00 1.089421e+01 1.460683e+01
## [6011] 1.856942e+01 8.407603e+00 1.614316e+01 9.217973e+00 2.523859e+01
## [6016] 1.162075e+01 9.550993e+00 2.514788e+01 9.720971e+00 1.101875e+01
## [6021] 1.029146e+01 1.374865e+01 1.683280e+01 2.134992e+01 1.096963e+01
## [6026] 2.264691e+01 1.164995e+01 1.208236e+01 1.347120e+01 2.045745e+01
## [6031] 4.051141e+01 1.504277e+01 2.352369e+01 1.371369e+01 1.106763e+01
## [6036] 3.531919e+01 3.482914e+01 1.126621e+01 9.694676e+00 1.341521e+01
## [6041] 1.094477e+01 1.993929e+01 1.333411e+01 8.627650e+00 1.512502e+01
## [6046] 1.173370e+01 8.746142e+00 8.869235e+00 1.041295e+01 9.402140e+00
## [6051] 1.017653e+01 8.976247e+00 8.989583e+00 8.348890e+00 8.252844e+00
## [6056] 1.481614e+01 9.086619e+00 2.514792e+01 9.199350e+00 1.440612e+01
## [6061] 9.437551e+00 1.170849e+01 3.574408e+01 1.038729e+01 1.135775e+01
## [6066] 1.827057e+01 1.026199e+01 2.065778e+01 2.190333e+01 1.274520e+01
## [6071] 1.027513e+01 9.823283e+00 9.772452e+00 2.268708e+01 8.372291e+01
## [6076] 1.285691e+01 3.862347e+01 1.182793e+01 1.367997e+01 1.326638e+01
## [6081] 1.368919e+01 2.365446e+01 2.193392e+01 1.174556e+01 1.094175e+01
## [6086] 1.120559e+01 2.039546e+01 1.247931e+01 1.435958e+01 2.760892e+01
## [6091] 1.117355e+01 1.321179e+01 1.024103e+01 1.042905e+01 1.176756e+01
## [6096] 1.101204e+01 1.090637e+01 1.187840e+01 9.161598e+00 1.074468e+01
## [6101] 1.358325e+01 9.664484e+00 9.190275e+00 9.904938e+00 1.236016e+01
## [6106] 1.338218e+01 8.248378e+00 8.268364e+00 1.891449e+01 1.141107e+01
## [6111] 9.159209e+00 1.013811e+01 1.028839e+01 2.407520e+01 1.757749e+01
## [6116] 1.091349e+01 1.297127e+01 1.263344e+01 1.391086e+01 1.121448e+01
## [6121] 1.550012e+01 1.322335e+01 1.185196e+01 1.179057e+01 1.412092e+01
## [6126] 1.313244e+01 1.193000e+01 1.422870e+01 1.212369e+01 1.253908e+01
## [6131] 1.435038e+01 1.182225e+01 1.387701e+01 1.436020e+01 1.014987e+01
## [6136] 1.166600e+01 8.837489e+00 3.399766e+01 9.461228e+00 1.696237e+01
## [6141] 9.418676e+00 1.120638e+01 1.099591e+01 8.768471e+00 9.649824e+00
## [6146] 8.889954e+00 4.234252e+01 2.184294e+01 1.028798e+01 1.395597e+01
## [6151] 1.145306e+01 3.251130e+01 9.587317e+00 1.202516e+01 9.622148e+00
## [6156] 1.693338e+01 2.757658e+01 1.490488e+01 8.971985e+00 2.895397e+01
## [6161] 4.932818e+01 1.670605e+01 1.369287e+01 2.383679e+01 3.148111e+01
## [6166] 1.506338e+01 1.622716e+01 1.091274e+01 1.055837e+01 1.123412e+01
## [6171] 6.912147e+01 1.543121e+01 4.541939e+01 1.083654e+01 1.205978e+01
## [6176] 4.083353e+01 1.147992e+01 2.025732e+01 4.286445e+01 1.127032e+01
## [6181] 2.293289e+01 1.404250e+01 1.401057e+01 1.040775e+01 1.309760e+01
## [6186] 2.282514e+01 1.685007e+01 1.292456e+01 4.063611e+01 3.535420e+01
## [6191] 1.713347e+01 9.285831e+00 1.892650e+01 1.423196e+01 1.038609e+01
## [6196] 1.170824e+01 1.005449e+01 1.267401e+01 1.063347e+01 1.531834e+01
## [6201] 2.106324e+01 1.992147e+01 1.677687e+01 8.680807e+00 1.051391e+01
## [6206] 9.705468e+00 2.958448e+01 1.112729e+01 2.926423e+01 1.418880e+01
## [6211] 8.131216e+00 1.538598e+01 4.085389e+01 7.594357e+01 4.831470e+01
## [6216] 1.231892e+01 5.075504e+01 7.497879e+00 1.985773e+01 3.885009e+01
## [6221] 9.310580e+00 3.248405e+01 1.644396e+01 1.386321e+01 8.338868e+00
## [6226] 3.830163e+01 1.183772e+01 8.830978e+00 3.768001e+01 2.384758e+01
## [6231] 9.205430e+00 1.557630e+01 2.315683e+01 1.797302e+01 7.126455e+00

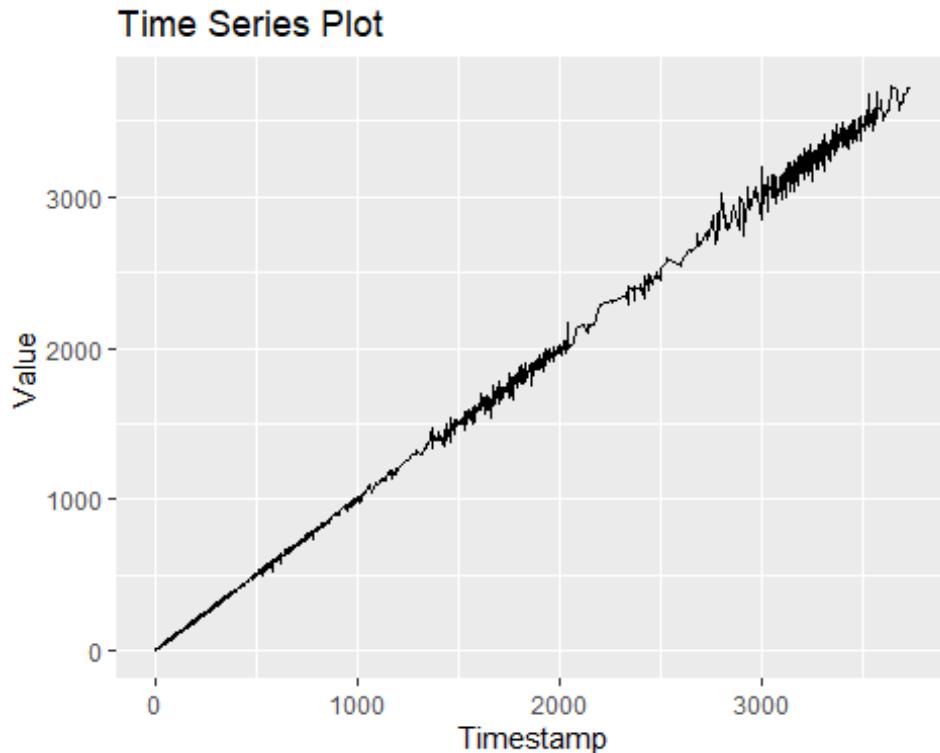
```

```

## [6236] 6.716221e+01 1.859242e+02 2.207049e+01 9.411320e+00 1.024821e+01
## [6241] 9.446531e+00 4.797450e+01 9.344656e+00 8.923301e+01 6.006985e+00
## [6246] 5.891048e+00 8.601069e+00 2.762424e+01 2.807563e+01 3.471318e+01
## [6251] 3.649175e+01 3.694789e+01 3.550472e+01 8.702670e+00 2.216702e+01
## [6256] 8.745883e+00 8.713362e+00

ggplot(df, aes(x = Open, y = Close)) +
  geom_line() +
  labs(x = "Timestamp", y = "Value", title = "Time Series Plot")

```



```

# Convert Date column to Date type (if not already)
df$Date <- as.Date(df$Date)

# Time Series Plot of Closing Prices
ggplot(df, aes(x = Date, y = Close)) +
  geom_line(color = "blue") +
  labs(title = "Time Series Plot of Closing Prices", x = "Date", y = "Close")

```

Time Series Plot of Closing Prices



```
library(dbSCAN)

## Warning: package 'dbSCAN' was built under R version 4.3.3

##
## Attaching package: 'dbSCAN'

## The following object is masked from 'package:stats':
## 
##     as.dendrogram

# Select numeric columns for clustering
df_numeric <- df %>%
  select(Open, High, Low, Close, Adj.Close, Volume)

# Standardize the data (optional but recommended)
df_scaled <- scale(df_numeric)

# Apply DBSCAN
dbSCAN_result <- dbSCAN(df_scaled, eps = 0.5, minPts = 3)

# Print the DBSCAN result
print(dbSCAN_result)

## DBSCAN clustering for 6257 objects.
## Parameters: eps = 0.5, minPts = 3
## Using euclidean distances and borderpoints = TRUE
```

```

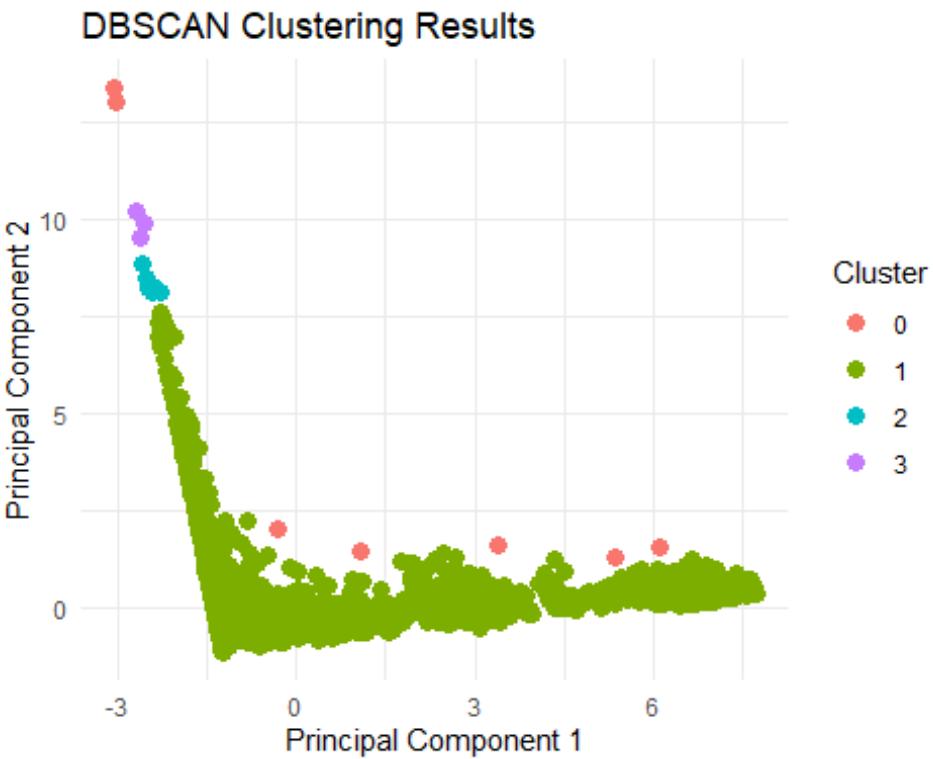
## The clustering contains 3 cluster(s) and 7 noise points.
##
##      0      1      2      3
##      7 6240      7      3
##
## Available fields: cluster, eps, minPts, dist, borderPoints

# Add cluster assignments to the original data frame
df$Cluster <- factor(dbscan_result$cluster)

# Visualize the clusters (using the first two principal components)
pca_result <- prcomp(df_scaled)
df_pca <- data.frame(pca_result$x, Cluster = df$Cluster)

ggplot(df_pca, aes(x = PC1, y = PC2, color = Cluster)) +
  geom_point(size = 3) +
  labs(title = "DBSCAN Clustering Results", x = "Principal Component 1", y =
"Principal Component 2") +
  theme_minimal()

```



```

df$date=as.Date(df$date)
# Select numeric columns for clustering
df_numeric <- df %>%
  select(Open, High, Low, Close, Adj.Close, Volume)

# Standardize the data (optional but recommended)
df_scaled <- scale(df_numeric)

```

```

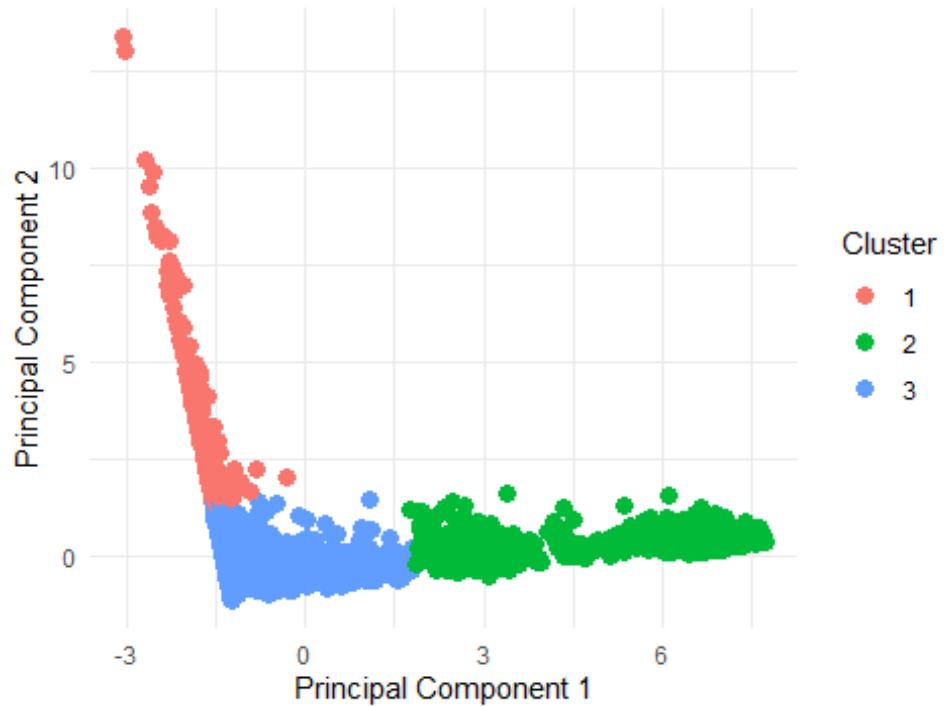
# Apply k-means clustering
set.seed(123) # Set seed for reproducibility
kmeans_result <- kmeans(df_scaled, centers = 3, nstart = 25)

# Print the k-means result
print(kmeans_result)

## K-means clustering with 3 clusters of sizes 326, 1052, 4879
##
## Cluster means:
##           Open      High       Low     Close  Adj.Close    Volume
## 1 -0.5632349 -0.5613599 -0.5645101 -0.5628650 -0.5628650  3.2998956
## 2  2.0183257  2.0188481  2.0177311  2.0185173  2.0185173 -0.3984619
## 3 -0.3975536 -0.3977915 -0.3973402 -0.3976196 -0.3976196 -0.1345735
##
## Clustering vector:
## [1] 1 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [38] 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [75] 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [112] 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [149] 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [186] 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [223] 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [260] 1 3 3 3 3 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
## [297] 1 1 1 1 1 1 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
## [334] 1 1 3 3 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
## [371] 1 1 1 3 1 1 1 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
## [408] 3 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
## [445] 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [482] 3 3 1 1 1 3 3 1 1 3 1 1 3 1 1 3 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [519] 3 3 3 3 3 1 3 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [556] 1 3 3 1 1 1 1 3 1 1 3 3 3 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 3 3 3 3 3
## [593] 3 3 3 3 3 3 1 1 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

```


K-means Clustering Results



```
df$Date=as.Date(df$Date)
```

```
df
```

	Date	Open	High	Low	Close
## 1	1997-05-15	2.437500	2.500000	1.927083	1.958333
1.958333					
## 2	1997-05-16	1.968750	1.979167	1.708333	1.729167
1.729167					
## 3	1997-05-19	1.760417	1.770833	1.625000	1.708333
1.708333					
## 4	1997-05-20	1.729167	1.750000	1.635417	1.635417
1.635417					
## 5	1997-05-21	1.635417	1.645833	1.375000	1.427083
1.427083					
## 6	1997-05-22	1.437500	1.447917	1.312500	1.395833
1.395833					
## 7	1997-05-23	1.406250	1.520833	1.333333	1.500000
1.500000					
## 8	1997-05-27	1.510417	1.645833	1.458333	1.583333
1.583333					
## 9	1997-05-28	1.625000	1.635417	1.531250	1.531250
1.531250					
## 10	1997-05-29	1.541667	1.541667	1.479167	1.505208
1.505208					
## 11	1997-05-30	1.500000	1.510417	1.479167	1.500000
1.500000					

## 12	1997-06-02	1.510417	1.531250	1.500000	1.510417
1.510417					
## 13	1997-06-03	1.531250	1.531250	1.479167	1.479167
1.479167					
## 14	1997-06-04	1.479167	1.489583	1.395833	1.416667
1.416667					
## 15	1997-06-05	1.416667	1.541667	1.375000	1.541667
1.541667					
## 16	1997-06-06	1.515625	1.708333	1.510417	1.656250
1.656250					
## 17	1997-06-09	1.656250	1.708333	1.656250	1.687500
1.687500					
## 18	1997-06-10	1.708333	1.708333	1.531250	1.583333
1.583333					
## 19	1997-06-11	1.593750	1.604167	1.531250	1.541667
1.541667					
## 20	1997-06-12	1.583333	1.645833	1.552083	1.604167
1.604167					
## 21	1997-06-13	1.625000	1.625000	1.583333	1.583333
1.583333					
## 22	1997-06-16	1.604167	1.604167	1.562500	1.572917
1.572917					
## 23	1997-06-17	1.598958	1.598958	1.494792	1.505208
1.505208					
## 24	1997-06-18	1.520833	1.536458	1.500000	1.510417
1.510417					
## 25	1997-06-19	1.510417	1.531250	1.500000	1.510417
1.510417					
## 26	1997-06-20	1.531250	1.552083	1.500000	1.526042
1.526042					
## 27	1997-06-23	1.541667	1.541667	1.479167	1.500000
1.500000					
## 28	1997-06-24	1.505208	1.526042	1.479167	1.510417
1.510417					
## 29	1997-06-25	1.526042	1.526042	1.489583	1.510417
1.510417					
## 30	1997-06-26	1.520833	1.520833	1.505208	1.510417
1.510417					
## 31	1997-06-27	1.515625	1.515625	1.479167	1.489583
1.489583					
## 32	1997-06-30	1.510417	1.598958	1.479167	1.541667
1.541667					
## 33	1997-07-01	1.541667	1.541667	1.510417	1.515625
1.515625					
## 34	1997-07-02	1.515625	1.593750	1.510417	1.588542
1.588542					
## 35	1997-07-03	1.598958	1.916667	1.593750	1.911458
1.911458					
## 36	1997-07-07	1.833333	2.020833	1.833333	2.000000
2.000000					

## 37	1997-07-08	2.041667	2.333333	2.041667	2.302083
		2.302083			
## 38	1997-07-09	2.302083	2.385417	2.270833	2.322917
		2.322917			
## 39	1997-07-10	2.333333	2.572917	2.333333	2.562500
		2.562500			
## 40	1997-07-11	2.520833	2.520833	2.208333	2.291667
		2.291667			
## 41	1997-07-14	2.322917	2.333333	2.114583	2.135417
		2.135417			
## 42	1997-07-15	2.135417	2.479167	2.135417	2.437500
		2.437500			
## 43	1997-07-16	2.447917	2.494792	2.302083	2.333333
		2.333333			
## 44	1997-07-17	2.343750	2.343750	2.156250	2.218750
		2.218750			
## 45	1997-07-18	2.187500	2.218750	2.156250	2.156250
		2.156250			
## 46	1997-07-21	2.177083	2.197917	2.145833	2.182292
		2.182292			
## 47	1997-07-22	2.166667	2.187500	2.062500	2.135417
		2.135417			
## 48	1997-07-23	2.187500	2.333333	2.177083	2.291667
		2.291667			
## 49	1997-07-24	2.302083	2.312500	2.218750	2.260417
		2.260417			
## 50	1997-07-25	2.218750	2.250000	2.218750	2.229167
		2.229167			
## 51	1997-07-28	2.229167	2.395833	2.218750	2.322917
		2.322917			
## 52	1997-07-29	2.364583	2.500000	2.333333	2.479167
		2.479167			
## 53	1997-07-30	2.500000	2.505208	2.427083	2.447917
		2.447917			
## 54	1997-07-31	2.437500	2.437500	2.333333	2.395833
		2.395833			
## 55	1997-08-01	2.343750	2.416667	2.250000	2.416667
		2.416667			
## 56	1997-08-04	2.375000	2.411458	2.302083	2.312500
		2.312500			
## 57	1997-08-05	2.333333	2.333333	2.145833	2.208333
		2.208333			
## 58	1997-08-06	2.208333	2.312500	2.187500	2.250000
		2.250000			
## 59	1997-08-07	2.250000	2.260417	2.125000	2.177083
		2.177083			
## 60	1997-08-08	2.166667	2.302083	2.104167	2.291667
		2.291667			
## 61	1997-08-11	2.291667	2.333333	2.250000	2.328125
		2.328125			

## 62	1997-08-12	2.281250	2.302083	2.197917	2.197917
2.197917					
## 63	1997-08-13	2.229167	2.229167	2.166667	2.197917
2.197917					
## 64	1997-08-14	2.177083	2.250000	2.119792	2.156250
2.156250					
## 65	1997-08-15	2.135417	2.156250	1.937500	2.114583
2.114583					
## 66	1997-08-18	2.052083	2.052083	1.968750	2.041667
2.041667					
## 67	1997-08-19	2.093750	2.208333	2.052083	2.166667
2.166667					
## 68	1997-08-20	2.187500	2.187500	2.072917	2.166667
2.166667					
## 69	1997-08-21	2.135417	2.171875	2.072917	2.114583
2.114583					
## 70	1997-08-22	2.104167	2.125000	2.093750	2.125000
2.125000					
## 71	1997-08-25	2.104167	2.260417	2.104167	2.218750
2.218750					
## 72	1997-08-26	2.239583	2.354167	2.229167	2.343750
2.343750					
## 73	1997-08-27	2.307292	2.322917	2.250000	2.317708
2.317708					
## 74	1997-08-28	2.302083	2.395833	2.281250	2.375000
2.375000					
## 75	1997-08-29	2.364583	2.375000	2.322917	2.338542
2.338542					
## 76	1997-09-02	2.343750	2.375000	2.333333	2.354167
2.354167					
## 77	1997-09-03	2.343750	2.416667	2.312500	2.333333
2.333333					
## 78	1997-09-04	2.364583	2.552083	2.343750	2.552083
2.552083					
## 79	1997-09-05	2.583333	2.666667	2.458333	2.500000
2.500000					
## 80	1997-09-08	2.531250	3.020833	2.500000	3.000000
3.000000					
## 81	1997-09-09	3.140625	3.385417	3.026042	3.239583
3.239583					
## 82	1997-09-10	3.312500	3.328125	3.125000	3.302083
3.302083					
## 83	1997-09-11	3.333333	3.333333	3.041667	3.156250
3.156250					
## 84	1997-09-12	3.187500	3.697917	3.156250	3.687500
3.687500					
## 85	1997-09-15	3.666667	3.677083	3.052083	3.093750
3.093750					
## 86	1997-09-16	3.125000	3.541667	3.119792	3.354167
3.354167					

## 87	1997-09-17	3.458333	3.500000	3.333333	3.406250
3.406250					
## 88	1997-09-18	3.437500	3.468750	3.281250	3.291667
3.291667					
## 89	1997-09-19	3.380208	4.083333	3.375000	3.947917
3.947917					
## 90	1997-09-22	4.000000	4.677083	3.947917	4.500000
4.500000					
## 91	1997-09-23	4.489583	4.645833	4.395833	4.625000
4.625000					
## 92	1997-09-24	4.645833	4.812500	4.291667	4.375000
4.375000					
## 93	1997-09-25	4.343750	4.354167	4.052083	4.078125
4.078125					
## 94	1997-09-26	4.072917	4.260417	4.052083	4.166667
4.166667					
## 95	1997-09-29	4.145833	4.187500	3.958333	4.041667
4.041667					
## 96	1997-09-30	4.000000	4.348958	3.802083	4.338542
4.338542					
## 97	1997-10-01	4.437500	4.500000	3.937500	4.020833
4.020833					
## 98	1997-10-02	4.041667	4.177083	3.989583	4.010417
4.010417					
## 99	1997-10-03	4.083333	4.125000	3.979167	4.015625
4.015625					
## 100	1997-10-06	4.000000	4.125000	3.942708	4.125000
4.125000					
## 101	1997-10-07	4.083333	4.187500	4.041667	4.057292
4.057292					
## 102	1997-10-08	4.145833	4.166667	3.984375	4.005208
4.005208					
## 103	1997-10-09	4.000000	4.020833	3.739583	3.750000
3.750000					
## 104	1997-10-10	3.729167	4.062500	3.666667	3.901042
3.901042					
## 105	1997-10-13	3.927083	4.041667	3.927083	4.000000
4.000000					
## 106	1997-10-14	4.062500	4.104167	3.833333	3.979167
3.979167					
## 107	1997-10-15	3.968750	3.968750	3.770833	3.921875
3.921875					
## 108	1997-10-16	3.979167	3.979167	3.604167	3.625000
3.625000					
## 109	1997-10-17	3.614583	3.656250	3.520833	3.625000
3.625000					
## 110	1997-10-20	3.677083	3.875000	3.666667	3.822917
3.822917					
## 111	1997-10-21	3.958333	4.437500	3.854167	4.427083
4.427083					

## 112	1997-10-22	4.416667	4.619792	4.375000	4.520833
4.520833					
## 113	1997-10-23	4.229167	4.562500	4.187500	4.500000
4.500000					
## 114	1997-10-24	4.750000	5.062500	4.541667	5.026042
5.026042					
## 115	1997-10-27	4.802083	5.010417	4.229167	4.270833
4.270833					
## 116	1997-10-28	3.916667	5.000000	3.875000	4.947917
4.947917					
## 117	1997-10-29	5.145833	5.500000	5.000000	5.390625
5.390625					
## 118	1997-10-30	5.208333	5.354167	5.041667	5.125000
5.125000					
## 119	1997-10-31	5.364583	5.458333	4.968750	5.083333
5.083333					
## 120	1997-11-03	5.218750	5.218750	4.947917	5.072917
5.072917					
## 121	1997-11-04	5.000000	5.052083	4.822917	4.958333
4.958333					
## 122	1997-11-05	4.979167	5.119792	4.875000	4.875000
4.875000					
## 123	1997-11-06	4.916667	4.916667	4.635417	4.661458
4.661458					
## 124	1997-11-07	4.416667	4.640625	4.385417	4.479167
4.479167					
## 125	1997-11-10	4.500000	4.562500	4.208333	4.208333
4.208333					
## 126	1997-11-11	4.244792	4.312500	3.916667	3.947917
3.947917					
## 127	1997-11-12	3.776042	4.187500	3.666667	3.770833
3.770833					
## 128	1997-11-13	3.947917	3.968750	3.770833	3.859375
3.859375					
## 129	1997-11-14	3.937500	4.208333	3.781250	4.166667
4.166667					
## 130	1997-11-17	4.229167	4.541667	4.218750	4.375000
4.375000					
## 131	1997-11-18	4.375000	4.479167	4.343750	4.416667
4.416667					
## 132	1997-11-19	4.406250	4.520833	4.312500	4.510417
4.510417					
## 133	1997-11-20	4.572917	4.604167	4.510417	4.583333
4.583333					
## 134	1997-11-21	4.552083	4.583333	4.489583	4.489583
4.489583					
## 135	1997-11-24	4.375000	4.416667	4.229167	4.229167
4.229167					
## 136	1997-11-25	4.239583	4.333333	4.041667	4.203125
4.203125					

## 137	1997-11-26	4.239583	4.411458	4.239583	4.260417
4.260417					
## 138	1997-11-28	4.270833	4.333333	4.114583	4.125000
4.125000					
## 139	1997-12-01	4.239583	4.375000	4.135417	4.270833
4.270833					
## 140	1997-12-02	4.260417	4.302083	4.177083	4.234375
4.234375					
## 141	1997-12-03	4.197917	4.375000	4.187500	4.364583
4.364583					
## 142	1997-12-04	4.401042	4.552083	4.385417	4.500000
4.500000					
## 143	1997-12-05	4.437500	4.593750	4.354167	4.593750
4.593750					
## 144	1997-12-08	4.541667	4.770833	4.520833	4.708333
4.708333					
## 145	1997-12-09	4.666667	4.770833	4.604167	4.687500
4.687500					
## 146	1997-12-10	4.583333	4.625000	4.395833	4.510417
4.510417					
## 147	1997-12-11	4.395833	4.833333	4.395833	4.687500
4.687500					
## 148	1997-12-12	4.645833	4.802083	4.406250	4.541667
4.541667					
## 149	1997-12-15	4.583333	4.666667	4.406250	4.583333
4.583333					
## 150	1997-12-16	4.645833	4.645833	4.458333	4.458333
4.458333					
## 151	1997-12-17	4.375000	4.458333	4.255208	4.390625
4.390625					
## 152	1997-12-18	4.354167	4.427083	4.229167	4.291667
4.291667					
## 153	1997-12-19	4.229167	4.520833	4.166667	4.500000
4.500000					
## 154	1997-12-22	4.500000	4.781250	4.432292	4.697917
4.697917					
## 155	1997-12-23	4.687500	4.739583	4.625000	4.625000
4.625000					
## 156	1997-12-24	4.625000	4.708333	4.468750	4.604167
4.604167					
## 157	1997-12-26	4.562500	4.645833	4.489583	4.520833
4.520833					
## 158	1997-12-29	4.583333	4.781250	4.531250	4.750000
4.750000					
## 159	1997-12-30	4.833333	4.906250	4.781250	4.848958
4.848958					
## 160	1997-12-31	4.875000	5.041667	4.843750	5.020833
5.020833					
## 161	1998-01-02	5.000000	5.000000	4.796875	4.958333
4.958333					

## 162	1998-01-05	4.885417	4.937500	4.708333	4.750000
4.750000					
## 163	1998-01-06	4.697917	4.875000	4.666667	4.838542
4.838542					
## 164	1998-01-07	4.833333	4.833333	4.692708	4.781250
4.781250					
## 165	1998-01-08	4.697917	4.703125	4.531250	4.614583
4.614583					
## 166	1998-01-09	4.666667	4.666667	4.229167	4.260417
4.260417					
## 167	1998-01-12	4.166667	4.385417	4.145833	4.302083
4.302083					
## 168	1998-01-13	4.343750	4.666667	4.322917	4.645833
4.645833					
## 169	1998-01-14	4.656250	4.875000	4.625000	4.875000
4.875000					
## 170	1998-01-15	4.791667	5.010417	4.791667	4.953125
4.953125					
## 171	1998-01-16	4.958333	4.979167	4.770833	4.791667
4.791667					
## 172	1998-01-20	4.822917	5.010417	4.812500	4.953125
4.953125					
## 173	1998-01-21	4.937500	5.166667	4.875000	5.072917
5.072917					
## 174	1998-01-22	5.072917	5.270833	5.020833	5.135417
5.135417					
## 175	1998-01-23	5.343750	5.343750	4.937500	4.937500
4.937500					
## 176	1998-01-26	4.979167	4.989583	4.739583	4.812500
4.812500					
## 177	1998-01-27	4.817708	4.864583	4.666667	4.750000
4.750000					
## 178	1998-01-28	4.750000	4.833333	4.625000	4.770833
4.770833					
## 179	1998-01-29	4.791667	4.989583	4.781250	4.958333
4.958333					
## 180	1998-01-30	5.000000	5.062500	4.885417	4.916667
4.916667					
## 181	1998-02-02	4.947917	5.208333	4.937500	5.197917
5.197917					
## 182	1998-02-03	5.187500	5.250000	5.093750	5.151042
5.151042					
## 183	1998-02-04	5.062500	5.187500	5.052083	5.062500
5.062500					
## 184	1998-02-05	5.114583	5.114583	4.875000	4.937500
4.937500					
## 185	1998-02-06	4.927083	5.020833	4.875000	4.906250
4.906250					
## 186	1998-02-09	4.916667	4.958333	4.770833	4.854167
4.854167					

## 187	1998-02-10	4.875000	5.317708	4.833333	5.302083
5.302083					
## 188	1998-02-11	5.291667	5.463542	5.281250	5.291667
5.291667					
## 189	1998-02-12	5.270833	5.302083	5.187500	5.260417
5.260417					
## 190	1998-02-13	5.250000	5.270833	5.145833	5.187500
5.187500					
## 191	1998-02-17	5.218750	5.218750	5.072917	5.145833
5.145833					
## 192	1998-02-18	5.145833	5.145833	5.052083	5.072917
5.072917					
## 193	1998-02-19	5.109375	5.291667	5.083333	5.229167
5.229167					
## 194	1998-02-20	5.229167	5.291667	5.114583	5.270833
5.270833					
## 195	1998-02-23	5.291667	5.416667	5.208333	5.406250
5.406250					
## 196	1998-02-24	5.416667	5.677083	5.354167	5.406250
5.406250					
## 197	1998-02-25	5.468750	5.541667	5.260417	5.489583
5.489583					
## 198	1998-02-26	5.463542	6.083333	5.437500	6.062500
6.062500					
## 199	1998-02-27	6.020833	6.635417	5.984375	6.416667
6.416667					
## 200	1998-03-02	6.322917	6.437500	6.250000	6.354167
6.354167					
## 201	1998-03-03	6.291667	6.312500	5.958333	5.979167
5.979167					
## 202	1998-03-04	6.000000	6.187500	5.833333	6.119792
6.119792					
## 203	1998-03-05	5.979167	6.515625	5.937500	6.250000
6.250000					
## 204	1998-03-06	6.302083	6.416667	6.145833	6.395833
6.395833					
## 205	1998-03-09	6.406250	7.145833	6.395833	6.958333
6.958333					
## 206	1998-03-10	7.125000	7.354167	6.906250	6.925781
6.925781					
## 207	1998-03-11	6.833333	6.875000	6.520833	6.635417
6.635417					
## 208	1998-03-12	6.562500	6.760417	6.427083	6.541667
6.541667					
## 209	1998-03-13	6.635417	6.739583	6.479167	6.557292
6.557292					
## 210	1998-03-16	6.630208	6.729167	6.583333	6.583333
6.583333					
## 211	1998-03-17	6.645833	6.687500	6.489583	6.656250
6.656250					

## 212	1998-03-18	6.604167	7.145833	6.604167	7.109375
7.109375					
## 213	1998-03-19	7.114583	7.291667	6.979167	7.000000
7.000000					
## 214	1998-03-20	7.000000	7.072917	6.927083	7.000000
7.000000					
## 215	1998-03-23	6.963542	7.062500	6.895833	6.984375
6.984375					
## 216	1998-03-24	6.875000	7.229167	6.875000	7.020833
7.020833					
## 217	1998-03-25	7.083333	7.145833	6.750000	6.807292
6.807292					
## 218	1998-03-26	6.812500	6.979167	6.625000	6.895833
6.895833					
## 219	1998-03-27	7.020833	7.260417	6.895833	7.083333
7.083333					
## 220	1998-03-30	7.156250	7.291667	7.093750	7.156250
7.156250					
## 221	1998-03-31	7.114583	7.208333	6.979167	7.127604
7.127604					
## 222	1998-04-01	7.104167	7.531250	7.002604	7.510417
7.510417					
## 223	1998-04-02	7.593750	8.062500	7.479167	7.921875
7.921875					
## 224	1998-04-03	8.020833	8.031250	7.687500	7.750000
7.750000					
## 225	1998-04-06	7.854167	7.895833	7.354167	7.385417
7.385417					
## 226	1998-04-07	7.250000	7.270833	7.062500	7.166667
7.166667					
## 227	1998-04-08	7.197917	7.479167	7.125000	7.385417
7.385417					
## 228	1998-04-09	7.697917	8.000000	7.635417	7.937500
7.937500					
## 229	1998-04-13	7.906250	8.020833	7.666667	7.859375
7.859375					
## 230	1998-04-14	7.822917	8.322917	7.770833	8.098958
8.098958					
## 231	1998-04-15	8.166667	8.333333	7.875000	8.010417
8.010417					
## 232	1998-04-16	8.010417	8.276042	7.765625	8.208333
8.208333					
## 233	1998-04-17	7.984375	8.104167	7.875000	7.906250
7.906250					
## 234	1998-04-20	7.947917	8.291667	7.812500	7.854167
7.854167					
## 235	1998-04-21	7.937500	7.947917	7.593750	7.755208
7.755208					
## 236	1998-04-22	7.770833	7.802083	7.250000	7.270833
7.270833					

## 237	1998-04-23	7.250000	7.250000	6.708333	6.750000
6.750000					
## 238	1998-04-24	6.833333	7.312500	6.791667	7.072917
7.072917					
## 239	1998-04-27	6.947917	7.052083	6.427083	6.895833
6.895833					
## 240	1998-04-28	7.739583	8.291667	7.421875	7.968750
7.968750					
## 241	1998-04-29	8.104167	8.218750	7.802083	7.958333
7.958333					
## 242	1998-04-30	8.125000	8.166667	7.541667	7.645833
7.645833					
## 243	1998-05-01	7.729167	7.927083	7.541667	7.875000
7.875000					
## 244	1998-05-04	7.916667	7.989583	7.781250	7.937500
7.937500					
## 245	1998-05-05	7.833333	7.958333	7.760417	7.809896
7.809896					
## 246	1998-05-06	7.833333	7.833333	7.510417	7.531250
7.531250					
## 247	1998-05-07	7.583333	7.750000	7.354167	7.583333
7.583333					
## 248	1998-05-08	7.604167	7.729167	7.458333	7.697917
7.697917					
## 249	1998-05-11	7.744792	7.750000	7.208333	7.239583
7.239583					
## 250	1998-05-12	7.312500	7.661458	7.218750	7.614583
7.614583					
## 251	1998-05-13	7.541667	7.833333	7.479167	7.739583
7.739583					
## 252	1998-05-14	7.666667	7.885417	7.583333	7.630208
7.630208					
## 253	1998-05-15	7.656250	7.708333	7.458333	7.468750
7.468750					
## 254	1998-05-18	7.500000	7.552083	7.229167	7.338542
7.338542					
## 255	1998-05-19	7.468750	7.552083	7.437500	7.531250
7.531250					
## 256	1998-05-20	7.531250	7.625000	7.354167	7.385417
7.385417					
## 257	1998-05-21	7.458333	7.500000	7.276042	7.395833
7.395833					
## 258	1998-05-22	7.364583	7.385417	7.125000	7.166667
7.166667					
## 259	1998-05-26	7.171875	7.239583	6.739583	6.822917
6.822917					
## 260	1998-05-27	6.697917	7.281250	6.645833	7.218750
7.218750					
## 261	1998-05-28	7.270833	7.312500	7.104167	7.161458
7.161458					

## 262 1998-05-29	7.156250	7.416667	7.125000	7.343750
7.343750				
## 263 1998-06-01	7.333333	7.375000	6.942708	7.135417
7.135417				
## 264 1998-06-02	7.270833	7.416667	6.916667	7.281250
7.281250				
## 265 1998-06-03	7.479167	7.541667	7.000000	7.041667
7.041667				
## 266 1998-06-04	7.156250	7.322917	6.875000	7.312500
7.312500				
## 267 1998-06-05	7.291667	7.395833	7.187500	7.375000
7.375000				
## 268 1998-06-08	7.302083	7.718750	7.250000	7.708333
7.708333				
## 269 1998-06-09	7.739583	8.645833	7.708333	8.541667
8.541667				
## 270 1998-06-10	8.604167	9.375000	8.500000	9.020833
9.020833				
## 271 1998-06-11	9.208333	10.437500	9.166667	10.416667
10.416667				
## 272 1998-06-12	10.583333	10.583333	9.708333	10.166667
10.166667				
## 273 1998-06-15	9.916667	11.416667	9.854167	10.958333
10.958333				
## 274 1998-06-16	11.125000	12.291667	11.083333	12.270833
12.270833				
## 275 1998-06-17	12.645833	13.531250	12.562500	13.166667
13.166667				
## 276 1998-06-18	13.500000	13.750000	11.958333	12.020833
12.020833				
## 277 1998-06-19	11.843750	12.708333	11.333333	12.635417
12.635417				
## 278 1998-06-22	12.458333	13.729167	12.041667	13.562500
13.562500				
## 279 1998-06-23	13.510417	15.458333	13.416667	15.447917
15.447917				
## 280 1998-06-24	15.833333	16.791668	14.854167	16.635418
16.635418				
## 281 1998-06-25	16.666668	17.458332	16.000000	16.510418
16.510418				
## 282 1998-06-26	16.250000	16.708332	15.625000	15.708333
15.708333				
## 283 1998-06-29	15.791667	16.604168	15.791667	16.458332
16.458332				
## 284 1998-06-30	16.302082	16.916668	16.125000	16.625000
16.625000				
## 285 1998-07-01	16.968750	19.083332	16.791668	19.020832
19.020832				
## 286 1998-07-02	19.291668	20.916668	18.750000	20.666668
20.666668				

## 287	1998-07-06	21.229168	23.458332	20.916668	23.250000
23.250000					
## 288	1998-07-07	23.833332	23.958332	20.166668	20.354168
20.354168					
## 289	1998-07-08	18.645832	19.833332	17.062500	17.854168
17.854168					
## 290	1998-07-09	18.437500	19.416668	17.500000	17.583332
17.583332					
## 291	1998-07-10	17.166668	17.645832	16.354168	16.583332
16.583332					
## 292	1998-07-13	16.083332	18.000000	15.708333	17.937500
17.937500					
## 293	1998-07-14	18.083332	19.291668	17.833332	19.166668
19.166668					
## 294	1998-07-15	19.333332	19.562500	18.291668	18.750000
18.750000					
## 295	1998-07-16	18.906250	19.166668	18.083332	18.895832
18.895832					
## 296	1998-07-17	18.729168	20.083332	18.645832	19.968750
19.968750					
## 297	1998-07-20	20.187500	23.354168	19.958332	22.916668
22.916668					
## 298	1998-07-21	22.875000	24.500000	21.333332	22.010418
22.010418					
## 299	1998-07-22	22.333332	23.312500	21.750000	22.333332
22.333332					
## 300	1998-07-23	21.666668	23.083332	21.166668	21.270832
21.270832					
## 301	1998-07-24	21.541668	21.916668	19.500000	20.708332
20.708332					
## 302	1998-07-27	19.854168	21.229168	19.270832	20.927082
20.927082					
## 303	1998-07-28	20.739582	21.000000	19.666668	19.822918
19.822918					
## 304	1998-07-29	20.083332	20.250000	17.916668	17.968750
17.968750					
## 305	1998-07-30	18.625000	19.166668	17.583332	18.958332
18.958332					
## 306	1998-07-31	19.083332	19.187500	18.187500	18.479168
18.479168					
## 307	1998-08-03	18.291668	18.583332	17.875000	18.041668
18.041668					
## 308	1998-08-04	18.354168	19.020832	18.020832	18.312500
18.312500					
## 309	1998-08-05	18.802082	18.854168	16.666668	17.697918
17.697918					
## 310	1998-08-06	17.395832	18.750000	17.177082	18.250000
18.250000					
## 311	1998-08-07	18.541668	19.812500	18.229168	19.333332
19.333332					

## 312	1998-08-10	19.500000	20.312500	19.166668	20.270832
20.270832					
## 313	1998-08-11	19.250000	21.145832	19.208332	20.666668
20.666668					
## 314	1998-08-12	21.125000	21.916668	20.677082	21.729168
21.729168					
## 315	1998-08-13	21.770832	22.500000	21.166668	21.250000
21.250000					
## 316	1998-08-14	21.781250	21.791668	20.041668	20.458332
20.458332					
## 317	1998-08-17	20.125000	20.531250	19.750000	19.947918
19.947918					
## 318	1998-08-18	20.197918	21.520832	19.854168	21.447918
21.447918					
## 319	1998-08-19	21.875000	22.291668	21.166668	21.458332
21.458332					
## 320	1998-08-20	21.041668	21.625000	20.916668	21.520832
21.520832					
## 321	1998-08-21	21.208332	21.713543	20.541668	21.614582
21.614582					
## 322	1998-08-24	21.708332	22.500000	21.687500	22.458332
22.458332					
## 323	1998-08-25	22.906250	22.916668	21.791668	21.937500
21.937500					
## 324	1998-08-26	21.625000	21.708332	21.135418	21.208332
21.208332					
## 325	1998-08-27	20.729168	20.833332	19.833332	19.833332
19.833332					
## 326	1998-08-28	19.958332	20.145832	17.208332	17.648438
17.648438					
## 327	1998-08-31	17.572918	17.937500	13.854167	13.958333
13.958333					
## 328	1998-09-01	12.687500	14.437500	10.833333	13.325521
13.325521					
## 329	1998-09-02	13.854167	16.000000	13.666667	14.645833
14.645833					
## 330	1998-09-03	13.937500	15.041667	13.458333	14.312500
14.312500					
## 331	1998-09-04	14.447917	15.000000	13.666667	14.375000
14.375000					
## 332	1998-09-08	15.666667	15.791667	15.000000	15.375000
15.375000					
## 333	1998-09-09	14.916667	15.395833	13.895833	14.083333
14.083333					
## 334	1998-09-10	13.229167	13.416667	12.541667	13.270833
13.270833					
## 335	1998-09-11	13.062500	13.479167	12.250000	12.677083
12.677083					
## 336	1998-09-14	13.395833	13.416667	12.250000	12.281250
12.281250					

## 337	1998-09-15	11.802083	12.458333	11.729167	12.166667
		12.166667			
## 338	1998-09-16	12.375000	14.322917	11.916667	14.083333
		14.083333			
## 339	1998-09-17	13.406250	13.916667	12.750000	12.833333
		12.833333			
## 340	1998-09-18	12.958333	13.531250	12.947917	13.281250
		13.281250			
## 341	1998-09-21	12.666667	14.479167	12.666667	14.250000
		14.250000			
## 342	1998-09-22	14.708333	15.250000	14.604167	14.697917
		14.697917			
## 343	1998-09-23	15.135417	17.583332	15.000000	17.520832
		17.520832			
## 344	1998-09-24	17.854168	19.479168	16.916668	17.020832
		17.020832			
## 345	1998-09-25	16.416668	18.437500	16.416668	18.208332
		18.208332			
## 346	1998-09-28	19.395832	20.000000	18.645832	19.270832
		19.270832			
## 347	1998-09-29	19.541668	19.927082	18.583332	18.854168
		18.854168			
## 348	1998-09-30	18.583332	19.250000	18.135418	18.604168
		18.604168			
## 349	1998-10-01	18.000000	18.500000	16.666668	17.104168
		17.104168			
## 350	1998-10-02	17.552082	18.645832	16.833332	18.375000
		18.375000			
## 351	1998-10-05	18.145832	18.500000	16.833332	17.450521
		17.450521			
## 352	1998-10-06	18.583332	18.708332	17.333332	18.052082
		18.052082			
## 353	1998-10-07	17.104168	17.458332	15.208333	15.572917
		15.572917			
## 354	1998-10-08	13.812500	14.666667	13.333333	14.364583
		14.364583			
## 355	1998-10-09	15.041667	15.312500	13.958333	15.197917
		15.197917			
## 356	1998-10-12	16.187500	16.833332	15.500000	15.531250
		15.531250			
## 357	1998-10-13	15.302083	15.895833	15.104167	15.229167
		15.229167			
## 358	1998-10-14	15.177083	16.270832	14.958333	15.583333
		15.583333			
## 359	1998-10-15	15.708333	16.312500	15.416667	16.177082
		16.177082			
## 360	1998-10-16	16.437500	16.989582	16.166668	16.572918
		16.572918			
## 361	1998-10-19	16.500000	17.812500	16.500000	17.625000
		17.625000			

## 362	1998-10-20	18.125000	18.750000	17.770832	17.791668
17.791668					
## 363	1998-10-21	18.239582	18.375000	17.604168	18.333332
18.333332					
## 364	1998-10-22	17.937500	19.645832	17.895832	19.114582
19.114582					
## 365	1998-10-23	19.083332	19.718750	19.020832	19.354168
19.354168					
## 366	1998-10-26	19.854168	20.312500	19.458332	20.239582
20.239582					
## 367	1998-10-27	20.687500	21.000000	19.343750	19.385418
19.385418					
## 368	1998-10-28	19.489582	19.916668	19.041668	19.510418
19.510418					
## 369	1998-10-29	20.218750	21.208332	19.833332	21.083332
21.083332					
## 370	1998-10-30	21.104168	21.635418	20.770832	21.072918
21.072918					
## 371	1998-11-02	21.354168	21.906250	20.750000	21.833332
21.833332					
## 372	1998-11-03	21.854168	22.177082	20.958332	21.010418
21.010418					
## 373	1998-11-04	21.895832	22.000000	21.104168	21.635418
21.635418					
## 374	1998-11-05	21.281250	21.687500	21.041668	21.416668
21.416668					
## 375	1998-11-06	21.000000	21.375000	20.666668	20.760418
20.760418					
## 376	1998-11-09	20.312500	21.239582	20.125000	21.145832
21.145832					
## 377	1998-11-10	21.375000	23.333332	21.354168	21.958332
21.958332					
## 378	1998-11-11	22.270832	22.375000	20.875000	21.104168
21.104168					
## 379	1998-11-12	20.916668	22.145832	20.833332	21.833332
21.833332					
## 380	1998-11-13	21.989582	22.250000	20.953125	21.291668
21.291668					
## 381	1998-11-16	21.416668	21.645832	20.583332	21.041668
21.041668					
## 382	1998-11-17	21.562500	25.708332	21.416668	24.750000
24.750000					
## 383	1998-11-18	25.270832	28.437500	25.250000	27.333332
27.333332					
## 384	1998-11-19	28.500000	29.250000	25.500000	25.541668
25.541668					
## 385	1998-11-20	29.166668	30.291668	27.500000	30.104168
30.104168					
## 386	1998-11-23	31.812500	36.416668	31.010418	36.333332
36.333332					

## 387	1998-11-24	37.333332	38.854168	34.166668	35.750000
35.750000					
## 388	1998-11-25	36.083332	37.250000	34.166668	35.052082
35.052082					
## 389	1998-11-27	36.208332	36.333332	35.500000	36.104168
36.104168					
## 390	1998-11-30	36.604168	36.708332	31.958332	32.000000
32.000000					
## 391	1998-12-01	30.916668	34.958332	30.333332	34.916668
34.916668					
## 392	1998-12-02	34.489582	34.583332	32.927082	33.250000
33.250000					
## 393	1998-12-03	33.187500	34.083332	30.833332	31.583332
31.583332					
## 394	1998-12-04	32.583332	32.833332	30.416668	31.416668
31.416668					
## 395	1998-12-07	32.166668	32.333332	30.854168	31.833332
31.833332					
## 396	1998-12-08	31.604168	34.312500	31.416668	34.010418
34.010418					
## 397	1998-12-09	34.229168	37.385418	33.666668	36.041668
36.041668					
## 398	1998-12-10	36.270832	37.333332	34.937500	35.520832
35.520832					
## 399	1998-12-11	35.010418	37.333332	35.000000	37.166668
37.166668					
## 400	1998-12-14	36.854168	38.333332	36.333332	37.041668
37.041668					
## 401	1998-12-15	37.833332	40.500000	37.583332	40.458332
40.458332					
## 402	1998-12-16	43.187500	50.291668	43.166668	48.166668
48.166668					
## 403	1998-12-17	44.000000	48.583332	43.427082	46.125000
46.125000					
## 404	1998-12-18	47.166668	48.166668	46.312500	47.781250
47.781250					
## 405	1998-12-21	50.583332	53.625000	50.000000	53.125000
53.125000					
## 406	1998-12-22	54.489582	54.833332	51.437500	53.729168
53.729168					
## 407	1998-12-23	54.666668	55.000000	53.187500	54.166668
54.166668					
## 408	1998-12-24	53.708332	54.500000	53.166668	54.135418
54.135418					
## 409	1998-12-28	55.166668	60.312500	54.166668	58.656250
58.656250					
## 410	1998-12-29	58.333332	58.354168	54.750000	55.385418
55.385418					
## 411	1998-12-30	55.500000	57.208332	50.645832	53.541668
53.541668					

## 412	1998-12-31	52.875000	55.166668	52.687500	53.541668
53.541668					
## 413	1999-01-04	54.614582	59.333332	53.312500	59.156250
59.156250					
## 414	1999-01-05	54.781250	64.875000	53.250000	62.250000
62.250000					
## 415	1999-01-06	68.187500	70.187500	67.000000	69.000000
69.000000					
## 416	1999-01-07	68.562500	80.125000	66.500000	79.437500
79.437500					
## 417	1999-01-08	92.125000	99.562500	76.000000	80.125000
80.125000					
## 418	1999-01-11	92.000000	92.500000	83.812500	92.312500
92.312500					
## 419	1999-01-12	90.250000	91.000000	79.500000	81.687500
81.687500					
## 420	1999-01-13	62.500000	81.750000	62.500000	74.000000
74.000000					
## 421	1999-01-14	75.000000	79.625000	68.000000	69.000000
69.000000					
## 422	1999-01-15	70.000000	75.031250	68.812500	70.187500
70.187500					
## 423	1999-01-19	75.250000	75.250000	68.125000	69.906250
69.906250					
## 424	1999-01-20	67.531250	68.500000	54.875000	56.500000
56.500000					
## 425	1999-01-21	52.250000	55.187500	46.281250	53.000000
53.000000					
## 426	1999-01-22	49.750000	62.937500	49.375000	61.500000
61.500000					
## 427	1999-01-25	60.750000	61.687500	55.000000	56.187500
56.187500					
## 428	1999-01-26	56.312500	60.625000	55.312500	57.546875
57.546875					
## 429	1999-01-27	67.062500	69.875000	60.000000	62.812500
62.812500					
## 430	1999-01-28	63.218750	64.375000	60.125000	61.437500
61.437500					
## 431	1999-01-29	60.812500	60.812500	57.500000	58.468750
58.468750					
## 432	1999-02-01	58.875000	61.156250	57.500000	57.937500
57.937500					
## 433	1999-02-02	58.187500	58.218750	54.250000	55.125000
55.125000					
## 434	1999-02-03	54.500000	63.000000	54.250000	62.875000
62.875000					
## 435	1999-02-04	62.625000	63.375000	58.125000	59.000000
59.000000					
## 436	1999-02-05	58.500000	61.437500	56.156250	57.937500
57.937500					

## 437	1999-02-08	57.187500	57.562500	52.875000	54.562500
54.562500					
## 438	1999-02-09	53.968750	54.000000	49.968750	50.000000
50.000000					
## 439	1999-02-10	49.125000	51.687500	47.500000	48.718750
48.718750					
## 440	1999-02-11	50.250000	55.093750	49.750000	54.937500
54.937500					
## 441	1999-02-12	54.000000	54.937500	51.812500	52.250000
52.250000					
## 442	1999-02-16	53.437500	54.250000	48.500000	49.312500
49.312500					
## 443	1999-02-17	49.218750	51.031250	46.250000	46.750000
46.750000					
## 444	1999-02-18	48.250000	48.250000	42.125000	44.750000
44.750000					
## 445	1999-02-19	47.187500	51.250000	45.500000	50.937500
50.937500					
## 446	1999-02-22	50.875000	54.812500	49.000000	53.250000
53.250000					
## 447	1999-02-23	55.062500	58.500000	54.750000	57.593750
57.593750					
## 448	1999-02-24	58.812500	61.093750	55.125000	55.468750
55.468750					
## 449	1999-02-25	58.312500	62.812500	57.312500	62.500000
62.500000					
## 450	1999-02-26	63.375000	65.000000	60.500000	64.062500
64.062500					
## 451	1999-03-01	63.500000	68.031250	62.000000	66.500000
66.500000					
## 452	1999-03-02	67.218750	67.875000	60.531250	60.656250
60.656250					
## 453	1999-03-03	61.875000	63.750000	60.125000	61.750000
61.750000					
## 454	1999-03-04	62.750000	63.500000	57.937500	60.062500
60.062500					
## 455	1999-03-05	61.968750	62.250000	59.187500	60.750000
60.750000					
## 456	1999-03-08	60.718750	63.218750	59.625000	61.093750
61.093750					
## 457	1999-03-09	62.562500	66.625000	61.718750	64.968750
64.968750					
## 458	1999-03-10	68.375000	69.468750	67.000000	68.562500
68.562500					
## 459	1999-03-11	69.875000	71.375000	65.500000	67.437500
67.437500					
## 460	1999-03-12	67.000000	67.687500	64.312500	66.656250
66.656250					
## 461	1999-03-15	66.500000	69.500000	65.500000	69.468750
69.468750					

## 462	1999-03-16	69.500000	70.187500	66.375000	66.906250
66.906250					
## 463	1999-03-17	65.656250	66.750000	64.125000	65.500000
65.500000					
## 464	1999-03-18	66.437500	70.000000	66.187500	69.218750
69.218750					
## 465	1999-03-19	70.937500	71.531250	67.500000	67.531250
67.531250					
## 466	1999-03-22	66.593750	68.250000	65.250000	66.000000
66.000000					
## 467	1999-03-23	64.312500	64.937500	59.000000	59.687500
59.687500					
## 468	1999-03-24	58.593750	62.000000	57.000000	61.843750
61.843750					
## 469	1999-03-25	64.468750	70.000000	64.093750	69.937500
69.937500					
## 470	1999-03-26	70.000000	73.875000	68.687500	69.531250
69.531250					
## 471	1999-03-29	75.000000	75.750000	74.000000	74.812500
74.812500					
## 472	1999-03-30	76.000000	84.750000	75.765625	82.343750
82.343750					
## 473	1999-03-31	85.625000	89.000000	82.562500	86.093750
86.093750					
## 474	1999-04-01	89.687500	90.062500	83.750000	85.500000
85.500000					
## 475	1999-04-05	86.312500	93.750000	85.875000	93.250000
93.250000					
## 476	1999-04-06	92.250000	97.875000	89.750000	91.437500
91.437500					
## 477	1999-04-07	93.312500	93.656250	85.625000	87.906250
87.906250					
## 478	1999-04-08	87.406250	92.062500	83.000000	89.500000
89.500000					
## 479	1999-04-09	89.062500	93.000000	87.875000	91.437500
91.437500					
## 480	1999-04-12	88.062500	94.125000	88.000000	92.218750
92.218750					
## 481	1999-04-13	93.375000	96.000000	89.125000	89.187500
89.187500					
## 482	1999-04-14	91.000000	92.250000	83.312500	84.000000
84.000000					
## 483	1999-04-15	82.937500	85.250000	75.500000	83.625000
83.625000					
## 484	1999-04-16	91.937500	95.750000	90.343750	95.000000
95.000000					
## 485	1999-04-19	94.500000	94.500000	77.500000	79.468750
79.468750					
## 486	1999-04-20	78.656250	87.156250	76.750000	86.000000
86.000000					

## 487	1999-04-21	86.187500	91.000000	84.500000	89.625000
89.625000					
## 488	1999-04-22	92.156250	95.500000	88.968750	95.031250
95.031250					
## 489	1999-04-23	96.437500	108.250000	95.875000	105.062500
105.062500					
## 490	1999-04-26	104.500000	107.937500	102.000000	103.593750
103.593750					
## 491	1999-04-27	108.500000	110.625000	101.000000	102.937500
102.937500					
## 492	1999-04-28	100.000000	101.000000	91.187500	96.750000
96.750000					
## 493	1999-04-29	86.218750	90.875000	82.500000	84.125000
84.125000					
## 494	1999-04-30	88.500000	90.000000	82.500000	86.031250
86.031250					
## 495	1999-05-03	83.437500	83.531250	75.062500	75.468750
75.468750					
## 496	1999-05-04	76.312500	80.250000	70.250000	71.500000
71.500000					
## 497	1999-05-05	71.937500	74.125000	66.937500	73.250000
73.250000					
## 498	1999-05-06	74.000000	75.500000	67.875000	68.687500
68.687500					
## 499	1999-05-07	70.375000	72.000000	65.500000	68.187500
68.187500					
## 500	1999-05-10	68.312500	73.500000	67.000000	73.437500
73.437500					
## 501	1999-05-11	75.343750	76.937500	72.000000	74.187500
74.187500					
## 502	1999-05-12	74.031250	74.312500	70.750000	71.468750
71.468750					
## 503	1999-05-13	72.187500	73.937500	68.000000	68.000000
68.000000					
## 504	1999-05-14	66.562500	67.375000	64.906250	66.187500
66.187500					
## 505	1999-05-17	65.000000	69.000000	60.750000	68.812500
68.812500					
## 506	1999-05-18	68.218750	68.750000	65.468750	66.312500
66.312500					
## 507	1999-05-19	66.968750	69.812500	66.750000	69.781250
69.781250					
## 508	1999-05-20	68.375000	69.000000	65.250000	65.406250
65.406250					
## 509	1999-05-21	65.375000	66.000000	62.875000	64.281250
64.281250					
## 510	1999-05-24	64.312500	64.687500	58.000000	58.750000
58.750000					
## 511	1999-05-25	58.625000	60.562500	55.687500	55.781250
55.781250					

## 512	1999-05-26	56.593750	60.937500	52.250000	60.468750
60.468750					
## 513	1999-05-27	59.812500	60.281250	57.000000	57.281250
57.281250					
## 514	1999-05-28	57.812500	60.187500	56.000000	59.375000
59.375000					
## 515	1999-06-01	55.750000	56.750000	52.492188	52.906250
52.906250					
## 516	1999-06-02	52.375000	57.500000	48.562500	56.062500
56.062500					
## 517	1999-06-03	56.968750	57.250000	52.250000	52.531250
52.531250					
## 518	1999-06-04	52.812500	55.000000	50.812500	54.218750
54.218750					
## 519	1999-06-07	54.281250	59.937500	54.000000	58.687500
58.687500					
## 520	1999-06-08	60.000000	60.687500	55.187500	55.781250
55.781250					
## 521	1999-06-09	56.968750	57.250000	54.875000	57.000000
57.000000					
## 522	1999-06-10	55.937500	59.062500	55.062500	57.968750
57.968750					
## 523	1999-06-11	57.562500	58.500000	52.375000	52.906250
52.906250					
## 524	1999-06-14	51.968750	52.250000	44.875000	46.000000
46.000000					
## 525	1999-06-15	46.125000	49.875000	45.312500	48.250000
48.250000					
## 526	1999-06-16	50.656250	56.500000	50.500000	55.843750
55.843750					
## 527	1999-06-17	55.812500	59.562500	54.812500	56.468750
56.468750					
## 528	1999-06-18	55.968750	57.250000	54.750000	55.656250
55.656250					
## 529	1999-06-21	56.781250	61.781250	55.875000	61.750000
61.750000					
## 530	1999-06-22	61.593750	64.750000	58.250000	58.750000
58.750000					
## 531	1999-06-23	57.781250	60.656250	56.062500	58.875000
58.875000					
## 532	1999-06-24	59.062500	59.406250	56.500000	56.812500
56.812500					
## 533	1999-06-25	58.218750	58.750000	54.062500	55.093750
55.093750					
## 534	1999-06-28	55.500000	55.937500	51.218750	55.343750
55.343750					
## 535	1999-06-29	55.125000	59.125000	54.375000	58.031250
58.031250					
## 536	1999-06-30	58.250000	64.625000	57.500000	62.562500
62.562500					

## 537	1999-07-01	62.625000	63.250000	59.000000	61.187500
61.187500					
## 538	1999-07-02	61.625000	63.000000	60.375000	62.031250
62.031250					
## 539	1999-07-06	64.000000	66.656250	62.750000	63.437500
63.437500					
## 540	1999-07-07	63.062500	63.750000	60.000000	60.937500
60.937500					
## 541	1999-07-08	62.812500	63.750000	60.656250	62.687500
62.687500					
## 542	1999-07-09	63.062500	63.875000	62.031250	62.750000
62.750000					
## 543	1999-07-12	62.500000	62.750000	58.000000	58.687500
58.687500					
## 544	1999-07-13	58.125000	63.593750	57.500000	63.062500
63.062500					
## 545	1999-07-14	63.687500	67.500000	62.906250	67.500000
67.500000					
## 546	1999-07-15	67.500000	70.750000	66.687500	69.781250
69.781250					
## 547	1999-07-16	69.375000	71.250000	68.062500	68.812500
68.812500					
## 548	1999-07-19	68.000000	68.312500	65.750000	65.843750
65.843750					
## 549	1999-07-20	64.562500	64.687500	60.031250	60.062500
60.062500					
## 550	1999-07-21	60.500000	64.125000	60.125000	62.718750
62.718750					
## 551	1999-07-22	58.218750	58.562500	52.375000	53.406250
53.406250					
## 552	1999-07-23	54.906250	57.375000	51.593750	57.281250
57.281250					
## 553	1999-07-26	55.218750	57.750000	52.500000	52.968750
52.968750					
## 554	1999-07-27	54.500000	55.187500	50.062500	50.500000
50.500000					
## 555	1999-07-28	50.992188	53.062500	49.812500	52.875000
52.875000					
## 556	1999-07-29	51.187500	52.187500	50.000000	50.781250
50.781250					
## 557	1999-07-30	51.062500	51.375000	48.750000	50.031250
50.031250					
## 558	1999-08-02	49.187500	51.062500	46.968750	47.000000
47.000000					
## 559	1999-08-03	48.500000	48.500000	44.812500	47.437500
47.437500					
## 560	1999-08-04	46.875000	48.187500	44.000000	44.218750
44.218750					
## 561	1999-08-05	43.781250	49.000000	41.000000	48.625000
48.625000					

## 562	1999-08-06	48.312500	49.750000	44.625000	44.781250
44.781250					
## 563	1999-08-09	45.750000	45.750000	42.281250	42.750000
42.750000					
## 564	1999-08-10	42.687500	46.093750	41.000000	45.500000
45.500000					
## 565	1999-08-11	46.187500	47.625000	42.593750	45.468750
45.468750					
## 566	1999-08-12	45.500000	47.875000	44.687500	45.875000
45.875000					
## 567	1999-08-13	47.500000	48.718750	47.062500	48.718750
48.718750					
## 568	1999-08-16	49.125000	50.437500	47.750000	49.156250
49.156250					
## 569	1999-08-17	50.250000	54.750000	49.937500	54.625000
54.625000					
## 570	1999-08-18	57.562500	58.750000	56.250000	56.562500
56.562500					
## 571	1999-08-19	55.375000	55.593750	52.562500	53.062500
53.062500					
## 572	1999-08-20	53.125000	56.781250	52.562500	56.718750
56.718750					
## 573	1999-08-23	57.968750	60.250000	57.875000	59.187500
59.187500					
## 574	1999-08-24	58.000000	62.750000	57.968750	60.031250
60.031250					
## 575	1999-08-25	61.406250	66.500000	60.750000	66.437500
66.437500					
## 576	1999-08-26	66.500000	67.781250	63.750000	64.281250
64.281250					
## 577	1999-08-27	65.250000	65.265625	62.500000	64.250000
64.250000					
## 578	1999-08-30	63.781250	65.000000	58.937500	59.625000
59.625000					
## 579	1999-08-31	59.187500	62.343750	56.093750	62.187500
62.187500					
## 580	1999-09-01	63.500000	63.500000	58.750000	59.531250
59.531250					
## 581	1999-09-02	57.500000	61.937500	57.375000	60.062500
60.062500					
## 582	1999-09-03	63.625000	64.000000	60.625000	62.437500
62.437500					
## 583	1999-09-07	63.812500	64.375000	62.125000	62.937500
62.937500					
## 584	1999-09-08	62.000000	63.250000	60.937500	61.437500
61.437500					
## 585	1999-09-09	63.500000	64.437500	62.375000	63.625000
63.625000					
## 586	1999-09-10	65.937500	68.000000	64.875000	66.500000
66.500000					

## 587	1999-09-13	65.625000	66.000000	62.500000	63.312500
63.312500					
## 588	1999-09-14	62.750000	66.437500	62.750000	66.000000
66.000000					
## 589	1999-09-15	67.750000	67.937500	65.000000	65.562500
65.562500					
## 590	1999-09-16	64.937500	65.812500	62.750000	65.250000
65.250000					
## 591	1999-09-17	65.625000	66.000000	62.750000	63.812500
63.812500					
## 592	1999-09-20	63.687500	65.000000	62.687500	62.750000
62.750000					
## 593	1999-09-21	61.625000	63.937500	61.000000	62.250000
62.250000					
## 594	1999-09-22	62.875000	66.500000	60.687500	66.000000
66.000000					
## 595	1999-09-23	67.000000	68.750000	61.234375	62.250000
62.250000					
## 596	1999-09-24	62.000000	66.000000	61.500000	65.000000
65.000000					
## 597	1999-09-27	66.187500	67.875000	61.875000	62.562500
62.562500					
## 598	1999-09-28	62.500000	66.500000	61.125000	65.875000
65.875000					
## 599	1999-09-29	66.500000	85.000000	65.750000	80.750000
80.750000					
## 600	1999-09-30	79.812500	81.500000	76.250000	79.937500
79.937500					
## 601	1999-10-01	77.000000	79.250000	76.656250	77.250000
77.250000					
## 602	1999-10-04	79.437500	79.750000	75.750000	77.062500
77.062500					
## 603	1999-10-05	77.125000	79.750000	74.750000	78.437500
78.437500					
## 604	1999-10-06	79.562500	83.625000	79.500000	82.437500
82.437500					
## 605	1999-10-07	85.625000	90.000000	83.500000	87.312500
87.312500					
## 606	1999-10-08	86.875000	89.500000	84.437500	89.250000
89.250000					
## 607	1999-10-11	89.125000	89.375000	86.750000	88.375000
88.375000					
## 608	1999-10-12	87.687500	88.500000	84.875000	84.937500
84.937500					
## 609	1999-10-13	82.500000	85.000000	79.562500	79.937500
79.937500					
## 610	1999-10-14	80.500000	83.375000	78.437500	79.593750
79.593750					
## 611	1999-10-15	75.875000	77.062500	73.937500	75.062500
75.062500					

## 612	1999-10-18	75.062500	76.500000	71.062500	74.062500
74.062500					
## 613	1999-10-19	77.625000	78.250000	75.625000	76.625000
76.625000					
## 614	1999-10-20	78.312500	80.625000	76.343750	80.500000
80.500000					
## 615	1999-10-21	77.937500	82.812500	77.062500	80.750000
80.750000					
## 616	1999-10-22	81.437500	83.625000	78.000000	78.625000
78.625000					
## 617	1999-10-25	79.000000	83.000000	77.937500	82.750000
82.750000					
## 618	1999-10-26	83.125000	84.312500	80.125000	81.250000
81.250000					
## 619	1999-10-27	79.375000	79.375000	74.812500	75.937500
75.937500					
## 620	1999-10-28	69.500000	73.125000	65.875000	71.000000
71.000000					
## 621	1999-10-29	72.750000	72.812500	69.250000	70.625000
70.625000					
## 622	1999-11-01	68.062500	71.875000	66.312500	69.125000
69.125000					
## 623	1999-11-02	69.750000	70.000000	65.062500	66.437500
66.437500					
## 624	1999-11-03	68.187500	68.500000	65.000000	65.812500
65.812500					
## 625	1999-11-04	67.187500	67.875000	61.000000	63.062500
63.062500					
## 626	1999-11-05	64.750000	65.500000	62.250000	64.937500
64.937500					
## 627	1999-11-08	64.812500	80.000000	63.500000	78.000000
78.000000					
## 628	1999-11-09	82.000000	83.062500	70.000000	70.812500
70.812500					
## 629	1999-11-10	71.562500	75.000000	70.125000	72.000000
72.000000					
## 630	1999-11-11	74.750000	76.625000	71.375000	73.000000
73.000000					
## 631	1999-11-12	73.750000	75.000000	70.812500	74.937500
74.937500					
## 632	1999-11-15	75.625000	76.000000	73.312500	73.500000
73.500000					
## 633	1999-11-16	74.250000	79.625000	73.750000	78.937500
78.937500					
## 634	1999-11-17	77.937500	80.000000	75.437500	76.500000
76.500000					
## 635	1999-11-18	76.750000	78.187500	75.250000	77.937500
77.937500					
## 636	1999-11-19	77.875000	78.125000	76.062500	77.937500
77.937500					

## 637	1999-11-22	77.875000	82.500000	76.000000	80.500000
80.500000					
## 638	1999-11-23	80.375000	85.625000	76.250000	81.750000
81.750000					
## 639	1999-11-24	84.250000	87.750000	83.250000	87.250000
87.250000					
## 640	1999-11-26	91.062500	95.125000	90.625000	93.125000
93.125000					
## 641	1999-11-29	95.500000	96.875000	90.125000	90.437500
90.437500					
## 642	1999-11-30	88.265625	88.875000	83.812500	85.062500
85.062500					
## 643	1999-12-01	87.250000	87.875000	81.968750	85.000000
85.000000					
## 644	1999-12-02	86.000000	91.312500	85.625000	89.062500
89.062500					
## 645	1999-12-03	92.500000	93.375000	86.062500	86.562500
86.562500					
## 646	1999-12-06	86.875000	89.875000	84.687500	87.750000
87.750000					
## 647	1999-12-07	88.000000	88.000000	84.375000	86.062500
86.062500					
## 648	1999-12-08	86.812500	93.000000	86.000000	88.562500
88.562500					
## 649	1999-12-09	95.500000	113.000000	93.437500	103.625000
103.625000					
## 650	1999-12-10	111.937500	112.000000	104.437500	106.687500
106.687500					
## 651	1999-12-13	106.625000	106.625000	101.500000	102.500000
102.500000					
## 652	1999-12-14	103.750000	104.000000	93.562500	95.625000
95.625000					
## 653	1999-12-15	92.875000	99.437500	91.000000	96.500000
96.500000					
## 654	1999-12-16	98.250000	98.750000	93.500000	94.875000
94.875000					
## 655	1999-12-17	97.187500	97.625000	93.812500	94.062500
94.062500					
## 656	1999-12-20	97.750000	102.000000	95.062500	97.000000
97.000000					
## 657	1999-12-21	96.562500	100.437500	95.500000	99.875000
99.875000					
## 658	1999-12-22	100.562500	100.562500	95.500000	97.687500
97.687500					
## 659	1999-12-23	98.000000	99.000000	89.062500	90.000000
90.000000					
## 660	1999-12-27	87.750000	88.250000	80.000000	81.125000
81.125000					
## 661	1999-12-28	83.062500	86.500000	81.562500	82.312500
82.312500					

## 662	1999-12-29	83.437500	85.375000	82.625000	83.500000
83.500000					
## 663	1999-12-30	84.625000	85.125000	78.500000	79.062500
79.062500					
## 664	1999-12-31	79.312500	79.375000	76.000000	76.125000
76.125000					
## 665	2000-01-03	81.500000	89.562500	79.046875	89.375000
89.375000					
## 666	2000-01-04	85.375000	91.500000	81.750000	81.937500
81.937500					
## 667	2000-01-05	70.500000	75.125000	68.000000	69.750000
69.750000					
## 668	2000-01-06	71.312500	72.687500	64.000000	65.562500
65.562500					
## 669	2000-01-07	67.000000	70.500000	66.187500	69.562500
69.562500					
## 670	2000-01-10	72.562500	72.625000	65.562500	69.187500
69.187500					
## 671	2000-01-11	66.875000	70.000000	65.000000	66.750000
66.750000					
## 672	2000-01-12	67.875000	68.000000	63.000000	63.562500
63.562500					
## 673	2000-01-13	64.937500	67.187500	63.125000	65.937500
65.937500					
## 674	2000-01-14	66.750000	68.625000	64.000000	64.250000
64.250000					
## 675	2000-01-18	63.437500	65.187500	63.000000	64.125000
64.125000					
## 676	2000-01-19	64.125000	67.500000	63.000000	66.812500
66.812500					
## 677	2000-01-20	66.937500	67.000000	63.937500	64.750000
64.750000					
## 678	2000-01-21	64.625000	64.625000	60.000000	62.062500
62.062500					
## 679	2000-01-24	67.562500	73.375000	67.500000	70.125000
70.125000					
## 680	2000-01-25	70.000000	71.250000	66.000000	69.250000
69.250000					
## 681	2000-01-26	68.625000	70.000000	64.750000	64.812500
64.812500					
## 682	2000-01-27	65.187500	67.750000	64.625000	66.937500
66.937500					
## 683	2000-01-28	65.000000	66.437500	60.000000	61.687500
61.687500					
## 684	2000-01-31	60.375000	64.750000	58.437500	64.562500
64.562500					
## 685	2000-02-01	67.500000	70.625000	64.375000	67.437500
67.437500					
## 686	2000-02-02	67.937500	72.250000	67.750000	69.437500
69.437500					

## 687	2000-02-03	81.125000	85.937500	77.375000	84.187500
84.187500					
## 688	2000-02-04	82.750000	82.750000	77.875000	78.562500
78.562500					
## 689	2000-02-07	76.187500	76.875000	73.125000	75.000000
75.000000					
## 690	2000-02-08	74.000000	84.000000	73.437500	83.125000
83.125000					
## 691	2000-02-09	80.546875	83.734375	80.015625	80.250000
80.250000					
## 692	2000-02-10	78.500000	79.875000	75.500000	76.187500
76.187500					
## 693	2000-02-11	77.125000	79.125000	75.500000	76.187500
76.187500					
## 694	2000-02-14	75.687500	75.750000	73.562500	74.437500
74.437500					
## 695	2000-02-15	73.437500	76.187500	70.625000	73.812500
73.812500					
## 696	2000-02-16	72.750000	73.437500	70.625000	70.687500
70.687500					
## 697	2000-02-17	71.250000	71.312500	68.000000	69.000000
69.000000					
## 698	2000-02-18	68.437500	69.000000	63.875000	64.750000
64.750000					
## 699	2000-02-22	64.937500	66.500000	63.062500	63.562500
63.562500					
## 700	2000-02-23	64.875000	71.750000	64.687500	70.437500
70.437500					
## 701	2000-02-24	70.562500	71.375000	65.625000	68.437500
68.437500					
## 702	2000-02-25	67.437500	69.375000	65.187500	69.125000
69.125000					
## 703	2000-02-28	66.562500	67.187500	64.125000	65.750000
65.750000					
## 704	2000-02-29	66.000000	68.968750	65.875000	68.875000
68.875000					
## 705	2000-03-01	67.625000	68.500000	65.000000	65.875000
65.875000					
## 706	2000-03-02	64.937500	65.000000	62.187500	62.562500
62.562500					
## 707	2000-03-03	63.250000	64.750000	62.062500	62.500000
62.500000					
## 708	2000-03-06	62.875000	67.250000	62.812500	63.937500
63.937500					
## 709	2000-03-07	64.875000	65.812500	62.125000	63.500000
63.500000					
## 710	2000-03-08	63.250000	64.750000	60.562500	63.625000
63.625000					
## 711	2000-03-09	63.000000	69.000000	62.187500	68.812500
68.812500					

## 712	2000-03-10	67.250000	68.531250	65.000000	66.875000
66.875000					
## 713	2000-03-13	64.000000	66.625000	63.000000	65.312500
65.312500					
## 714	2000-03-14	66.062500	66.937500	63.375000	65.625000
65.625000					
## 715	2000-03-15	64.750000	65.125000	62.000000	63.750000
63.750000					
## 716	2000-03-16	62.250000	66.375000	60.000000	66.250000
66.250000					
## 717	2000-03-17	66.062500	66.375000	64.500000	64.812500
64.812500					
## 718	2000-03-20	63.500000	64.500000	62.375000	64.187500
64.187500					
## 719	2000-03-21	65.125000	73.000000	62.250000	72.375000
72.375000					
## 720	2000-03-22	70.875000	74.000000	69.250000	70.687500
70.687500					
## 721	2000-03-23	69.500000	70.937500	67.500000	67.687500
67.687500					
## 722	2000-03-24	74.625000	75.250000	71.312500	72.687500
72.687500					
## 723	2000-03-27	72.250000	75.125000	71.750000	73.125000
73.125000					
## 724	2000-03-28	72.375000	72.750000	69.468750	70.125000
70.125000					
## 725	2000-03-29	69.500000	69.875000	65.000000	66.250000
66.250000					
## 726	2000-03-30	64.500000	67.375000	64.000000	66.500000
66.500000					
## 727	2000-03-31	66.750000	67.125000	63.000000	67.000000
67.000000					
## 728	2000-04-03	65.437500	65.687500	62.000000	63.562500
63.562500					
## 729	2000-04-04	62.875000	65.437500	55.750000	63.937500
63.937500					
## 730	2000-04-05	61.750000	64.937500	60.500000	62.187500
62.187500					
## 731	2000-04-06	63.437500	65.500000	61.875000	64.250000
64.250000					
## 732	2000-04-07	65.125000	68.625000	64.125000	67.562500
67.562500					
## 733	2000-04-10	67.250000	68.437500	63.250000	63.375000
63.375000					
## 734	2000-04-11	62.500000	66.000000	61.250000	63.375000
63.375000					
## 735	2000-04-12	64.000000	64.375000	56.250000	56.375000
56.375000					
## 736	2000-04-13	57.875000	58.750000	47.937500	48.000000
48.000000					

## 737	2000-04-14	47.875000	52.375000	40.812500	46.875000
46.875000					
## 738	2000-04-17	45.250000	52.000000	44.625000	47.062500
47.062500					
## 739	2000-04-18	47.625000	56.250000	47.125000	54.937500
54.937500					
## 740	2000-04-19	55.312500	55.312500	51.687500	53.437500
53.437500					
## 741	2000-04-20	53.375000	53.687500	49.875000	52.375000
52.375000					
## 742	2000-04-24	49.375000	51.562500	44.875000	49.812500
49.812500					
## 743	2000-04-25	51.812500	54.125000	50.250000	52.437500
52.437500					
## 744	2000-04-26	53.312500	57.437500	52.453125	53.500000
53.500000					
## 745	2000-04-27	49.312500	55.250000	48.500000	52.875000
52.875000					
## 746	2000-04-28	54.000000	55.625000	53.125000	55.187500
55.187500					
## 747	2000-05-01	56.000000	60.312500	55.250000	59.937500
59.937500					
## 748	2000-05-02	59.187500	60.000000	55.875000	56.125000
56.125000					
## 749	2000-05-03	55.250000	56.562500	53.000000	54.125000
54.125000					
## 750	2000-05-04	54.250000	56.500000	53.125000	55.062500
55.062500					
## 751	2000-05-05	54.625000	58.625000	54.125000	58.500000
58.500000					
## 752	2000-05-08	56.812500	59.250000	55.437500	56.015625
56.015625					
## 753	2000-05-09	56.500000	57.750000	53.000000	56.250000
56.250000					
## 754	2000-05-10	54.531250	55.375000	49.000000	53.312500
53.312500					
## 755	2000-05-11	53.937500	55.750000	50.937500	54.875000
54.875000					
## 756	2000-05-12	54.687500	56.500000	53.125000	53.750000
53.750000					
## 757	2000-05-15	53.625000	56.500000	50.875000	56.062500
56.062500					
## 758	2000-05-16	57.125000	59.875000	56.000000	59.062500
59.062500					
## 759	2000-05-17	57.187500	62.375000	57.000000	61.000000
61.000000					
## 760	2000-05-18	60.375000	60.875000	55.125000	55.375000
55.375000					
## 761	2000-05-19	54.625000	55.750000	52.250000	52.625000
52.625000					

## 762	2000-05-22	53.000000	53.125000	46.875000	51.875000
51.875000					
## 763	2000-05-23	50.500000	51.875000	46.500000	46.687500
46.687500					
## 764	2000-05-24	46.437500	49.750000	40.437500	48.562500
48.562500					
## 765	2000-05-25	49.500000	50.000000	45.500000	45.500000
45.500000					
## 766	2000-05-26	46.250000	47.750000	44.000000	46.500000
46.500000					
## 767	2000-05-30	47.312500	51.875000	47.312500	51.750000
51.750000					
## 768	2000-05-31	50.750000	52.250000	48.125000	48.312500
48.312500					
## 769	2000-06-01	48.875000	51.125000	46.375000	50.187500
50.187500					
## 770	2000-06-02	52.375000	58.125000	52.250000	57.875000
57.875000					
## 771	2000-06-05	55.031250	56.250000	52.500000	54.500000
54.500000					
## 772	2000-06-06	54.000000	54.562500	50.250000	50.562500
50.562500					
## 773	2000-06-07	51.875000	52.187500	50.125000	51.812500
51.812500					
## 774	2000-06-08	52.562500	53.437500	51.625000	51.875000
51.875000					
## 775	2000-06-09	51.937500	53.250000	51.875000	52.187500
52.187500					
## 776	2000-06-12	52.187500	52.187500	47.000000	48.437500
48.437500					
## 777	2000-06-13	48.187500	49.500000	46.250000	49.000000
49.000000					
## 778	2000-06-14	49.312500	49.875000	46.000000	46.437500
46.437500					
## 779	2000-06-15	47.000000	47.937500	45.312500	46.312500
46.312500					
## 780	2000-06-16	47.250000	47.437500	45.375000	46.000000
46.000000					
## 781	2000-06-19	45.500000	45.875000	43.500000	45.312500
45.312500					
## 782	2000-06-20	45.875000	48.625000	45.125000	46.125000
46.125000					
## 783	2000-06-21	45.437500	46.937500	45.062500	46.062500
46.062500					
## 784	2000-06-22	46.187500	46.437500	41.625000	42.000000
42.000000					
## 785	2000-06-23	36.625000	37.000000	32.468750	33.875000
33.875000					
## 786	2000-06-26	35.312500	35.328125	32.812500	33.937500
33.937500					

## 787	2000-06-27	33.750000	38.500000	33.500000	36.500000
36.500000					
## 788	2000-06-28	36.875000	39.937500	36.125000	37.875000
37.875000					
## 789	2000-06-29	37.125000	38.500000	36.125000	37.125000
37.125000					
## 790	2000-06-30	37.000000	37.250000	35.500000	36.312500
36.312500					
## 791	2000-07-03	36.687500	37.500000	36.500000	37.000000
37.000000					
## 792	2000-07-05	37.000000	38.500000	36.375000	36.500000
36.500000					
## 793	2000-07-06	36.875000	37.375000	34.750000	36.062500
36.062500					
## 794	2000-07-07	36.125000	37.000000	35.250000	36.125000
36.125000					
## 795	2000-07-10	36.375000	36.375000	35.000000	35.062500
35.062500					
## 796	2000-07-11	35.187500	35.250000	32.625000	33.125000
33.125000					
## 797	2000-07-12	35.437500	36.125000	34.250000	35.062500
35.062500					
## 798	2000-07-13	35.625000	36.000000	34.875000	35.000000
35.000000					
## 799	2000-07-14	36.375000	43.203125	36.312500	42.625000
42.625000					
## 800	2000-07-17	42.875000	43.937500	40.250000	41.125000
41.125000					
## 801	2000-07-18	40.125000	43.625000	39.500000	41.750000
41.750000					
## 802	2000-07-19	41.500000	41.562500	39.000000	40.875000
40.875000					
## 803	2000-07-20	40.937500	43.375000	39.500000	40.312500
40.312500					
## 804	2000-07-21	40.437500	42.500000	40.437500	41.125000
41.125000					
## 805	2000-07-24	41.062500	41.375000	38.062500	38.750000
38.750000					
## 806	2000-07-25	36.750000	38.750000	33.250000	37.625000
37.625000					
## 807	2000-07-26	35.062500	36.718750	34.062500	36.062500
36.062500					
## 808	2000-07-27	31.437500	32.000000	29.750000	31.375000
31.375000					
## 809	2000-07-28	31.437500	32.125000	29.000000	30.000000
30.000000					
## 810	2000-07-31	30.062500	30.250000	27.875000	30.125000
30.125000					
## 811	2000-08-01	30.625000	32.250000	30.250000	30.250000
30.250000					

## 812	2000-08-02	30.250000	32.000000	30.218750	30.812500
30.812500					
## 813	2000-08-03	29.437500	31.750000	29.312500	31.500000
31.500000					
## 814	2000-08-04	31.937500	34.187500	31.500000	32.500000
32.500000					
## 815	2000-08-07	32.000000	34.250000	31.625000	33.812500
33.812500					
## 816	2000-08-08	33.250000	33.375000	32.437500	32.937500
32.937500					
## 817	2000-08-09	32.375000	32.375000	30.375000	30.875000
30.875000					
## 818	2000-08-10	31.500000	31.750000	29.750000	30.437500
30.437500					
## 819	2000-08-11	30.500000	34.000000	30.312500	33.687500
33.687500					
## 820	2000-08-14	33.500000	35.187500	32.687500	34.875000
34.875000					
## 821	2000-08-15	34.625000	38.312500	34.375000	37.562500
37.562500					
## 822	2000-08-16	37.562500	39.875000	37.531250	38.625000
38.625000					
## 823	2000-08-17	38.000000	39.062500	36.875000	38.250000
38.250000					
## 824	2000-08-18	39.250000	40.125000	38.937500	39.000000
39.000000					
## 825	2000-08-21	39.093750	39.875000	36.500000	37.500000
37.500000					
## 826	2000-08-22	38.125000	38.187500	36.062500	36.500000
36.500000					
## 827	2000-08-23	36.375000	39.500000	35.000000	38.812500
38.812500					
## 828	2000-08-24	39.562500	40.500000	38.812500	39.375000
39.375000					
## 829	2000-08-25	39.125000	40.062500	38.562500	39.937500
39.937500					
## 830	2000-08-28	38.812500	42.500000	38.562500	39.125000
39.125000					
## 831	2000-08-29	39.500000	40.875000	38.875000	39.625000
39.625000					
## 832	2000-08-30	42.375000	43.968750	42.000000	42.937500
42.937500					
## 833	2000-08-31	43.125000	43.187500	41.437500	41.500000
41.500000					
## 834	2000-09-01	42.125000	42.500000	41.000000	41.500000
41.500000					
## 835	2000-09-05	40.937500	46.312500	40.250000	45.687500
45.687500					
## 836	2000-09-06	47.250000	49.625000	45.687500	45.875000
45.875000					

## 837	2000-09-07	46.812500	47.000000	43.000000	43.500000
43.500000					
## 838	2000-09-08	44.062500	45.000000	42.500000	42.937500
42.937500					
## 839	2000-09-11	42.625000	45.218750	42.187500	42.375000
42.375000					
## 840	2000-09-12	43.375000	44.187500	42.250000	42.687500
42.687500					
## 841	2000-09-13	41.312500	43.125000	41.000000	42.437500
42.437500					
## 842	2000-09-14	44.187500	46.000000	43.750000	44.875000
44.875000					
## 843	2000-09-15	45.375000	45.437500	42.875000	43.625000
43.625000					
## 844	2000-09-18	43.500000	44.625000	41.875000	42.812500
42.812500					
## 845	2000-09-19	42.062500	42.750000	39.125000	40.750000
40.750000					
## 846	2000-09-20	40.437500	40.500000	37.375000	37.500000
37.500000					
## 847	2000-09-21	37.437500	40.500000	37.250000	40.062500
40.062500					
## 848	2000-09-22	38.375000	42.125000	38.312500	41.437500
41.437500					
## 849	2000-09-25	41.218750	42.562500	40.000000	40.375000
40.375000					
## 850	2000-09-26	40.625000	41.125000	39.562500	39.750000
39.750000					
## 851	2000-09-27	38.687500	39.625000	35.500000	37.875000
37.875000					
## 852	2000-09-28	37.312500	40.250000	37.125000	40.000000
40.000000					
## 853	2000-09-29	39.000000	41.250000	37.625000	38.437500
38.437500					
## 854	2000-10-02	38.187500	38.437500	35.250000	35.875000
35.875000					
## 855	2000-10-03	36.750000	37.250000	35.000000	35.062500
35.062500					
## 856	2000-10-04	33.437500	37.062500	32.500000	36.000000
36.000000					
## 857	2000-10-05	35.187500	36.625000	32.000000	33.562500
33.562500					
## 858	2000-10-06	32.500000	33.250000	30.187500	31.562500
31.562500					
## 859	2000-10-09	30.250000	30.562500	27.375000	30.062500
30.062500					
## 860	2000-10-10	29.750000	32.718750	28.875000	30.437500
30.437500					
## 861	2000-10-11	27.937500	30.250000	27.625000	27.812500
27.812500					

## 862	2000-10-12	28.375000	28.812500	24.625000	25.125000
25.125000					
## 863	2000-10-13	24.250000	28.875000	23.500000	28.437500
28.437500					
## 864	2000-10-16	28.125000	28.312500	24.125000	24.312500
24.312500					
## 865	2000-10-17	24.875000	25.187500	20.875000	21.937500
21.937500					
## 866	2000-10-18	19.875000	25.375000	19.375000	25.125000
25.125000					
## 867	2000-10-19	26.562500	28.125000	24.187500	27.750000
27.750000					
## 868	2000-10-20	27.687500	31.250000	27.125000	30.812500
30.812500					
## 869	2000-10-23	29.687500	30.375000	27.625000	30.000000
30.000000					
## 870	2000-10-24	29.875000	33.875000	28.812500	29.562500
29.562500					
## 871	2000-10-25	34.000000	36.500000	31.750000	31.875000
31.875000					
## 872	2000-10-26	32.187500	37.500000	31.000000	36.875000
36.875000					
## 873	2000-10-27	33.937500	37.500000	33.875000	35.625000
35.625000					
## 874	2000-10-30	33.062500	34.375000	30.265625	32.875000
32.875000					
## 875	2000-10-31	32.687500	36.875000	32.062500	36.625000
36.625000					
## 876	2000-11-01	35.812500	40.000000	35.687500	37.375000
37.375000					
## 877	2000-11-02	38.062500	39.875000	37.500000	39.750000
39.750000					
## 878	2000-11-03	39.000000	40.875000	36.875000	37.562500
37.562500					
## 879	2000-11-06	38.562500	38.625000	34.750000	36.562500
36.562500					
## 880	2000-11-07	36.500000	39.437500	35.562500	36.937500
36.937500					
## 881	2000-11-08	36.000000	37.000000	33.250000	33.875000
33.875000					
## 882	2000-11-09	32.687500	33.000000	29.875000	31.250000
31.250000					
## 883	2000-11-10	30.750000	31.875000	30.000000	30.062500
30.062500					
## 884	2000-11-13	28.812500	30.109375	27.437500	27.812500
27.812500					
## 885	2000-11-14	28.750000	29.875000	25.750000	28.937500
28.937500					
## 886	2000-11-15	28.625000	30.812500	28.437500	29.500000
29.500000					

## 887	2000-11-16	28.687500	30.500000	27.750000	27.812500
27.812500					
## 888	2000-11-17	28.000000	29.625000	26.875000	27.437500
27.437500					
## 889	2000-11-20	26.000000	27.937500	25.000000	25.812500
25.812500					
## 890	2000-11-21	26.625000	26.875000	23.625000	24.250000
24.250000					
## 891	2000-11-22	23.875000	27.500000	22.125000	25.187500
25.187500					
## 892	2000-11-24	26.421875	29.125000	26.062500	28.937500
28.937500					
## 893	2000-11-27	29.750000	30.750000	27.000000	28.000000
28.000000					
## 894	2000-11-28	26.000000	26.187500	24.625000	25.031250
25.031250					
## 895	2000-11-29	25.125000	27.500000	24.250000	26.937500
26.937500					
## 896	2000-11-30	24.750000	26.187500	22.875000	24.687500
24.687500					
## 897	2000-12-01	24.937500	26.750000	23.000000	24.625000
24.625000					
## 898	2000-12-04	25.187500	27.187500	23.250000	26.562500
26.562500					
## 899	2000-12-05	27.125000	27.625000	24.750000	25.375000
25.375000					
## 900	2000-12-06	24.687500	26.000000	23.625000	23.625000
23.625000					
## 901	2000-12-07	23.062500	23.437500	20.125000	21.375000
21.375000					
## 902	2000-12-08	23.312500	24.687500	21.250000	23.437500
23.437500					
## 903	2000-12-11	22.875000	26.125000	21.750000	25.312500
25.312500					
## 904	2000-12-12	24.500000	27.500000	24.312500	25.875000
25.875000					
## 905	2000-12-13	26.562500	26.625000	23.500000	23.750000
23.750000					
## 906	2000-12-14	24.062500	24.687500	22.593750	22.687500
22.687500					
## 907	2000-12-15	22.250000	24.250000	22.000000	22.875000
22.875000					
## 908	2000-12-18	20.750000	21.187500	18.937500	19.875000
19.875000					
## 909	2000-12-19	20.312500	20.875000	17.375000	18.250000
18.250000					
## 910	2000-12-20	16.187500	17.875000	15.625000	16.687500
16.687500					
## 911	2000-12-21	16.375000	17.750000	14.875000	15.187500
15.187500					

## 912	2000-12-22	15.312500	16.546875	15.250000	15.562500
15.562500					
## 913	2000-12-26	16.312500	18.500000	16.250000	16.937500
16.937500					
## 914	2000-12-27	16.000000	17.437500	15.562500	16.875000
16.875000					
## 915	2000-12-28	16.625000	18.250000	16.625000	17.375000
17.375000					
## 916	2000-12-29	16.750000	17.125000	15.000000	15.562500
15.562500					
## 917	2001-01-02	15.812500	16.000000	13.625000	13.875000
13.875000					
## 918	2001-01-03	13.625000	17.875000	13.562500	17.562500
17.562500					
## 919	2001-01-04	17.000000	17.562500	15.437500	15.500000
15.500000					
## 920	2001-01-05	15.500000	15.875000	13.562500	14.562500
14.562500					
## 921	2001-01-08	14.437500	15.562500	13.750000	14.937500
14.937500					
## 922	2001-01-09	14.562500	16.625000	14.562500	16.375000
16.375000					
## 923	2001-01-10	15.843750	17.000000	15.562500	16.500000
16.500000					
## 924	2001-01-11	15.750000	17.312500	15.625000	17.000000
17.000000					
## 925	2001-01-12	17.343750	18.500000	17.125000	17.687500
17.687500					
## 926	2001-01-16	18.312500	18.375000	17.250000	18.062500
18.062500					
## 927	2001-01-17	18.875000	19.562500	17.750000	18.375000
18.375000					
## 928	2001-01-18	18.375000	19.500000	17.937500	19.500000
19.500000					
## 929	2001-01-19	20.375000	20.375000	18.687500	19.937500
19.937500					
## 930	2001-01-22	19.500000	19.937500	18.500000	18.500000
18.500000					
## 931	2001-01-23	18.375000	19.312500	18.250000	18.953125
18.953125					
## 932	2001-01-24	19.187500	22.375000	19.000000	21.875000
21.875000					
## 933	2001-01-25	21.687500	21.750000	19.000000	19.000000
19.000000					
## 934	2001-01-26	18.937500	20.500000	18.875000	19.500000
19.500000					
## 935	2001-01-29	19.125000	20.750000	18.812500	20.125000
20.125000					
## 936	2001-01-30	20.562500	20.687500	18.671875	18.937500
18.937500					

## 937	2001-01-31	18.937500	19.562500	17.062500	17.312500
17.312500					
## 938	2001-02-01	17.187500	17.187500	15.750000	16.250000
16.250000					
## 939	2001-02-02	16.125000	16.187500	14.250000	14.375000
14.375000					
## 940	2001-02-05	14.625000	14.937500	14.312500	14.437500
14.437500					
## 941	2001-02-06	13.812500	15.875000	13.562500	15.812500
15.812500					
## 942	2001-02-07	15.187500	15.812500	14.562500	15.000000
15.000000					
## 943	2001-02-08	15.312500	15.875000	14.375000	14.375000
14.375000					
## 944	2001-02-09	14.312500	14.750000	13.375000	13.375000
13.375000					
## 945	2001-02-12	14.125000	15.000000	13.703125	14.500000
14.500000					
## 946	2001-02-13	15.000000	15.062500	13.750000	13.750000
13.750000					
## 947	2001-02-14	14.125000	14.750000	13.500000	14.437500
14.437500					
## 948	2001-02-15	13.500000	14.625000	13.500000	14.500000
14.500000					
## 949	2001-02-16	13.625000	14.125000	13.312500	13.687500
13.687500					
## 950	2001-02-20	13.625000	13.687500	12.437500	12.500000
12.500000					
## 951	2001-02-21	12.250000	12.500000	11.312500	11.937500
11.937500					
## 952	2001-02-22	12.000000	12.125000	11.375000	11.937500
11.937500					
## 953	2001-02-23	11.875000	12.062500	11.062500	11.812500
11.812500					
## 954	2001-02-26	12.062500	12.250000	11.500000	11.937500
11.937500					
## 955	2001-02-27	11.812500	12.125000	11.625000	11.750000
11.750000					
## 956	2001-02-28	11.250000	11.750000	9.937500	10.187500
10.187500					
## 957	2001-03-01	9.875000	10.687500	9.593750	10.437500
10.437500					
## 958	2001-03-02	10.031250	10.625000	10.000000	10.000000
10.000000					
## 959	2001-03-05	12.375000	13.062500	11.500000	12.625000
12.625000					
## 960	2001-03-06	13.078125	14.000000	11.250000	11.875000
11.875000					
## 961	2001-03-07	11.937500	12.562500	11.437500	12.250000
12.250000					

## 962	2001-03-08	11.937500	12.000000	11.625000	11.687500
11.687500					
## 963	2001-03-09	11.437500	12.500000	11.375000	12.250000
12.250000					
## 964	2001-03-12	11.375000	11.687500	10.500000	10.625000
10.625000					
## 965	2001-03-13	10.812500	11.062500	10.500000	11.000000
11.000000					
## 966	2001-03-14	10.250000	10.937500	10.125000	10.625000
10.625000					
## 967	2001-03-15	11.375000	11.437500	10.812500	10.875000
10.875000					
## 968	2001-03-16	10.625000	11.062500	10.250000	11.000000
11.000000					
## 969	2001-03-19	11.187500	11.312500	10.125000	10.500000
10.500000					
## 970	2001-03-20	10.562500	11.500000	10.125000	10.250000
10.250000					
## 971	2001-03-21	10.375000	10.437500	10.000000	10.000000
10.000000					
## 972	2001-03-22	10.062500	10.250000	9.562500	10.187500
10.187500					
## 973	2001-03-23	10.562500	10.812500	9.937500	10.187500
10.187500					
## 974	2001-03-26	10.700000	11.290000	10.620000	10.940000
10.940000					
## 975	2001-03-27	10.920000	11.800000	10.510000	11.640000
11.640000					
## 976	2001-03-28	11.100000	11.160000	10.750000	10.800000
10.800000					
## 977	2001-03-29	10.570000	11.030000	10.000000	10.000000
10.000000					
## 978	2001-03-30	10.120000	10.840000	9.910000	10.230000
10.230000					
## 979	2001-04-02	10.330000	10.530000	8.500000	9.100000
9.100000					
## 980	2001-04-03	8.710000	9.150000	8.500000	8.630000
8.630000					
## 981	2001-04-04	8.570000	9.000000	8.100000	8.400000
8.400000					
## 982	2001-04-05	9.020000	9.300000	8.720000	9.120000
9.120000					
## 983	2001-04-06	8.900000	8.900000	8.200000	8.370000
8.370000					
## 984	2001-04-09	11.840000	11.900000	10.700000	11.180000
11.180000					
## 985	2001-04-10	11.240000	13.500000	11.200000	12.010000
12.010000					
## 986	2001-04-11	13.100000	13.650000	12.180000	13.320000
13.320000					

## 987	2001-04-12	13.050000	15.010000	13.000000	14.670000
14.670000					
## 988	2001-04-16	14.500000	14.540000	13.650000	14.030000
14.030000					
## 989	2001-04-17	13.810000	14.870000	13.750000	14.740000
14.740000					
## 990	2001-04-18	15.660000	18.160000	15.550000	16.540001
16.540001					
## 991	2001-04-19	16.900000	16.900000	15.690000	15.990000
15.990000					
## 992	2001-04-20	15.620000	16.200001	14.970000	15.780000
15.780000					
## 993	2001-04-23	16.389999	17.459999	16.020000	16.200001
16.200001					
## 994	2001-04-24	16.440001	16.799999	15.480000	15.680000
15.680000					
## 995	2001-04-25	15.690000	16.100000	14.600000	16.090000
16.090000					
## 996	2001-04-26	16.250000	16.500000	15.000000	15.430000
15.430000					
## 997	2001-04-27	15.720000	15.730000	15.020000	15.270000
15.270000					
## 998	2001-04-30	15.630000	16.900000	15.590000	15.780000
15.780000					
## 999	2001-05-01	15.900000	17.000000	15.800000	16.889999
16.889999					
## 1000	2001-05-02	17.139999	17.430000	16.840000	17.110001
17.110001					
## 1001	2001-05-03	16.830000	17.000000	16.250000	16.750000
16.750000					
## 1002	2001-05-04	16.350000	17.600000	15.930000	17.559999
17.559999					
## 1003	2001-05-07	17.360001	17.530001	16.510000	16.920000
16.920000					
## 1004	2001-05-08	16.280001	16.490000	15.600000	16.180000
16.180000					
## 1005	2001-05-09	15.550000	15.660000	15.000000	15.010000
15.010000					
## 1006	2001-05-10	15.400000	15.640000	14.600000	14.620000
14.620000					
## 1007	2001-05-11	14.550000	14.800000	14.000000	14.680000
14.680000					
## 1008	2001-05-14	14.530000	14.530000	13.160000	13.330000
13.330000					
## 1009	2001-05-15	13.350000	14.300000	13.140000	13.540000
13.540000					
## 1010	2001-05-16	13.450000	14.380000	13.100000	14.130000
14.130000					
## 1011	2001-05-17	14.090000	15.000000	14.030000	14.780000
14.780000					

## 1012 2001-05-18	14.830000	15.000000	14.500000	14.720000
14.720000				
## 1013 2001-05-21	14.950000	16.420000	14.750000	16.379999
16.379999				
## 1014 2001-05-22	16.790001	17.000000	15.900000	16.250000
16.250000				
## 1015 2001-05-23	16.200001	16.799999	15.120000	15.600000
15.600000				
## 1016 2001-05-24	15.710000	16.750000	15.250000	16.750000
16.750000				
## 1017 2001-05-25	16.650000	17.530001	16.370001	17.090000
17.090000				
## 1018 2001-05-29	17.209999	17.540001	16.700001	17.219999
17.219999				
## 1019 2001-05-30	16.540001	17.000000	15.620000	15.660000
15.660000				
## 1020 2001-05-31	15.840000	17.200001	15.750000	16.690001
16.690001				
## 1021 2001-06-01	17.219999	17.309999	16.389999	16.950001
16.950001				
## 1022 2001-06-04	17.320000	17.400000	16.150000	16.910000
16.910000				
## 1023 2001-06-05	17.059999	17.920000	16.000000	16.440001
16.440001				
## 1024 2001-06-06	16.670000	16.719999	15.480000	15.990000
15.990000				
## 1025 2001-06-07	15.820000	16.230000	15.690000	16.129999
16.129999				
## 1026 2001-06-08	16.250000	16.330000	15.650000	15.700000
15.700000				
## 1027 2001-06-11	15.500000	15.550000	14.450000	14.860000
14.860000				
## 1028 2001-06-12	14.600000	14.790000	14.320000	14.640000
14.640000				
## 1029 2001-06-13	14.960000	15.150000	14.110000	14.120000
14.120000				
## 1030 2001-06-14	14.120000	14.120000	13.160000	13.290000
13.290000				
## 1031 2001-06-15	13.010000	13.460000	12.300000	12.490000
12.490000				
## 1032 2001-06-18	12.450000	12.700000	11.670000	11.830000
11.830000				
## 1033 2001-06-19	12.450000	12.650000	11.200000	11.360000
11.360000				
## 1034 2001-06-20	11.270000	12.700000	11.200000	12.530000
12.530000				
## 1035 2001-06-21	12.680000	13.200000	12.590000	13.080000
13.080000				
## 1036 2001-06-22	13.130000	13.270000	12.380000	12.400000
12.400000				

## 1037	2001-06-25	12.710000	13.140000	12.570000	12.810000
12.810000					
## 1038	2001-06-26	12.540000	13.740000	12.040000	13.250000
13.250000					
## 1039	2001-06-27	13.810000	14.250000	13.650000	14.040000
14.040000					
## 1040	2001-06-28	14.230000	14.590000	13.770000	14.360000
14.360000					
## 1041	2001-06-29	14.310000	14.650000	13.720000	14.150000
14.150000					
## 1042	2001-07-02	14.100000	14.710000	13.850000	14.530000
14.530000					
## 1043	2001-07-03	14.490000	14.500000	14.000000	14.130000
14.130000					
## 1044	2001-07-05	14.280000	15.450000	14.200000	15.270000
15.270000					
## 1045	2001-07-06	14.900000	15.720000	14.800000	15.270000
15.270000					
## 1046	2001-07-09	15.350000	15.900000	15.110000	15.810000
15.810000					
## 1047	2001-07-10	16.080000	16.120001	15.600000	15.610000
15.610000					
## 1048	2001-07-11	15.430000	15.800000	14.950000	15.340000
15.340000					
## 1049	2001-07-12	15.700000	16.540001	15.700000	16.490000
16.490000					
## 1050	2001-07-13	16.260000	17.000000	16.100000	16.980000
16.980000					
## 1051	2001-07-16	16.940001	17.420000	16.010000	16.010000
16.010000					
## 1052	2001-07-17	15.840000	16.490000	15.830000	16.350000
16.350000					
## 1053	2001-07-18	16.070000	16.650000	15.880000	15.960000
15.960000					
## 1054	2001-07-19	16.150000	16.799999	16.139999	16.490000
16.490000					
## 1055	2001-07-20	16.530001	17.250000	16.450001	16.980000
16.980000					
## 1056	2001-07-23	17.020000	17.129999	15.960000	16.030001
16.030001					
## 1057	2001-07-24	13.620000	14.000000	11.900000	12.060000
12.060000					
## 1058	2001-07-25	12.290000	12.310000	11.070000	11.510000
11.510000					
## 1059	2001-07-26	11.670000	12.750000	11.230000	12.330000
12.330000					
## 1060	2001-07-27	12.330000	12.430000	11.700000	12.250000
12.250000					
## 1061	2001-07-30	12.210000	12.750000	11.980000	12.550000
12.550000					

## 1062 2001-07-31	12.640000	12.860000	12.230000	12.490000
12.490000				
## 1063 2001-08-01	12.730000	12.860000	12.170000	12.500000
12.500000				
## 1064 2001-08-02	12.590000	12.600000	12.100000	12.190000
12.190000				
## 1065 2001-08-03	12.240000	12.390000	12.110000	12.150000
12.150000				
## 1066 2001-08-06	12.180000	12.200000	11.850000	11.900000
11.900000				
## 1067 2001-08-07	11.890000	11.900000	11.520000	11.600000
11.600000				
## 1068 2001-08-08	11.510000	11.550000	11.030000	11.110000
11.110000				
## 1069 2001-08-09	11.140000	11.170000	10.250000	10.460000
10.460000				
## 1070 2001-08-10	10.580000	10.650000	9.940000	9.950000
9.950000				
## 1071 2001-08-13	10.100000	10.300000	9.770000	10.120000
10.120000				
## 1072 2001-08-14	10.320000	11.040000	10.270000	10.530000
10.530000				
## 1073 2001-08-15	10.540000	10.830000	10.000000	10.080000
10.080000				
## 1074 2001-08-16	10.080000	10.150000	9.400000	9.810000
9.810000				
## 1075 2001-08-17	9.510000	10.090000	9.450000	9.990000
9.990000				
## 1076 2001-08-20	10.190000	10.410000	9.950000	10.400000
10.400000				
## 1077 2001-08-21	10.700000	10.790000	9.880000	9.890000
9.890000				
## 1078 2001-08-22	10.160000	10.230000	9.590000	10.200000
10.200000				
## 1079 2001-08-23	10.130000	10.160000	9.570000	9.630000
9.630000				
## 1080 2001-08-24	9.840000	10.300000	9.720000	10.230000
10.230000				
## 1081 2001-08-27	10.090000	10.270000	9.910000	10.130000
10.130000				
## 1082 2001-08-28	10.120000	10.150000	9.560000	9.970000
9.970000				
## 1083 2001-08-29	10.040000	10.050000	9.010000	9.190000
9.190000				
## 1084 2001-08-30	9.060000	9.490000	8.550000	8.690000
8.690000				
## 1085 2001-08-31	8.700000	9.300000	8.690000	8.940000
8.940000				
## 1086 2001-09-04	8.950000	9.190000	8.520000	8.590000
8.590000				

## 1087 2001-09-05	8.660000 7.650000	8.680000	6.850000	7.650000
## 1088 2001-09-06	7.840000 8.150000	8.190000	7.670000	8.150000
## 1089 2001-09-07	7.960000 8.510000	8.610000	7.850000	8.510000
## 1090 2001-09-10	8.400000 8.630000	8.650000	8.060000	8.630000
## 1091 2001-09-17	7.300000 7.490000	8.050000	7.050000	7.490000
## 1092 2001-09-18	7.590000 7.290000	7.750000	7.250000	7.290000
## 1093 2001-09-19	7.350000 7.310000	7.450000	6.640000	7.310000
## 1094 2001-09-20	7.110000 7.480000	7.640000	7.050000	7.480000
## 1095 2001-09-21	6.950000 7.480000	7.720000	6.690000	7.480000
## 1096 2001-09-24	7.700000 7.460000	7.830000	7.340000	7.460000
## 1097 2001-09-25	7.490000 7.090000	7.570000	7.020000	7.090000
## 1098 2001-09-26	7.200000 6.350000	7.230000	6.000000	6.350000
## 1099 2001-09-27	6.470000 6.200000	6.640000	5.670000	6.200000
## 1100 2001-09-28	6.250000 5.970000	6.470000	5.830000	5.970000
## 1101 2001-10-01	5.910000 6.010000	6.100000	5.510000	6.010000
## 1102 2001-10-02	6.170000 6.080000	6.170000	5.950000	6.080000
## 1103 2001-10-03	6.170000 6.760000	7.210000	6.020000	6.760000
## 1104 2001-10-04	7.090000 7.040000	7.870000	6.680000	7.040000
## 1105 2001-10-05	6.970000 7.200000	7.900000	6.740000	7.200000
## 1106 2001-10-08	7.070000 7.120000	7.300000	6.910000	7.120000
## 1107 2001-10-09	7.110000 6.910000	7.120000	6.670000	6.910000
## 1108 2001-10-10	6.900000 7.260000	7.310000	6.800000	7.260000
## 1109 2001-10-11	7.540000 7.850000	8.160000	7.500000	7.850000
## 1110 2001-10-12	7.760000 8.070000	8.150000	7.470000	8.070000
## 1111 2001-10-15	8.240000 8.880000	9.200000	8.230000	8.880000

## 1112 2001-10-16	9.230000	9.750000	9.110000	9.560000
9.560000				
## 1113 2001-10-17	9.980000	9.990000	8.850000	8.920000
8.920000				
## 1114 2001-10-18	8.910000	9.230000	8.380000	8.470000
8.470000				
## 1115 2001-10-19	8.490000	8.520000	7.500000	8.010000
8.010000				
## 1116 2001-10-22	8.070000	8.830000	8.040000	8.770000
8.770000				
## 1117 2001-10-23	9.250000	9.600000	8.850000	9.550000
9.550000				
## 1118 2001-10-24	8.050000	8.150000	7.400000	7.640000
7.640000				
## 1119 2001-10-25	7.390000	7.780000	7.150000	7.770000
7.770000				
## 1120 2001-10-26	7.630000	8.010000	7.510000	7.560000
7.560000				
## 1121 2001-10-29	7.610000	7.660000	7.040000	7.050000
7.050000				
## 1122 2001-10-30	7.010000	7.030000	6.320000	6.420000
6.420000				
## 1123 2001-10-31	6.790000	7.020000	6.550000	6.980000
6.980000				
## 1124 2001-11-01	7.080000	7.100000	6.600000	6.950000
6.950000				
## 1125 2001-11-02	6.950000	6.950000	6.670000	6.710000
6.710000				
## 1126 2001-11-05	7.100000	7.200000	6.960000	6.990000
6.990000				
## 1127 2001-11-06	7.080000	7.130000	6.910000	7.050000
7.050000				
## 1128 2001-11-07	7.010000	7.680000	7.000000	7.430000
7.430000				
## 1129 2001-11-08	7.660000	7.670000	6.740000	6.970000
6.970000				
## 1130 2001-11-09	7.050000	7.220000	6.970000	7.120000
7.120000				
## 1131 2001-11-12	7.160000	7.240000	6.800000	7.050000
7.050000				
## 1132 2001-11-13	7.440000	7.530000	7.200000	7.290000
7.290000				
## 1133 2001-11-14	7.630000	9.490000	7.600000	9.490000
9.490000				
## 1134 2001-11-15	9.220000	9.900000	8.750000	9.050000
9.050000				
## 1135 2001-11-16	9.210000	9.350000	8.750000	8.950000
8.950000				
## 1136 2001-11-19	9.350000	9.500000	9.000000	9.190000
9.190000				

## 1137 2001-11-20	9.070000	9.300000	8.600000	8.600000
8.600000				
## 1138 2001-11-21	8.740000	8.970000	8.040000	8.800000
8.800000				
## 1139 2001-11-23	8.900000	9.140000	8.560000	9.080000
9.080000				
## 1140 2001-11-26	9.830000	12.220000	9.800000	12.210000
12.210000				
## 1141 2001-11-27	12.050000	12.250000	11.220000	11.480000
11.480000				
## 1142 2001-11-28	11.240000	12.400000	11.180000	11.590000
11.590000				
## 1143 2001-11-29	11.890000	11.900000	10.790000	11.150000
11.150000				
## 1144 2001-11-30	11.300000	11.550000	10.800000	11.320000
11.320000				
## 1145 2001-12-03	11.020000	11.080000	10.480000	10.490000
10.490000				
## 1146 2001-12-04	10.930000	12.050000	10.710000	11.930000
11.930000				
## 1147 2001-12-05	12.400000	12.800000	11.750000	11.760000
11.760000				
## 1148 2001-12-06	12.040000	12.400000	11.850000	12.100000
12.100000				
## 1149 2001-12-07	12.290000	12.300000	11.500000	11.710000
11.710000				
## 1150 2001-12-10	11.550000	12.150000	11.440000	11.650000
11.650000				
## 1151 2001-12-11	12.000000	12.430000	11.780000	12.240000
12.240000				
## 1152 2001-12-12	12.430000	12.430000	11.630000	11.910000
11.910000				
## 1153 2001-12-13	11.540000	11.800000	10.850000	10.890000
10.890000				
## 1154 2001-12-14	11.100000	11.200000	10.070000	11.000000
11.000000				
## 1155 2001-12-17	11.100000	11.140000	10.180000	10.810000
10.810000				
## 1156 2001-12-18	11.050000	11.360000	10.620000	10.860000
10.860000				
## 1157 2001-12-19	10.730000	11.150000	10.510000	10.710000
10.710000				
## 1158 2001-12-20	10.570000	10.830000	10.140000	10.150000
10.150000				
## 1159 2001-12-21	10.310000	11.060000	10.000000	10.000000
10.000000				
## 1160 2001-12-24	10.150000	10.220000	9.510000	9.830000
9.830000				
## 1161 2001-12-26	10.970000	11.280000	10.870000	11.100000
11.100000				

## 1162 2001-12-27	11.330000	11.490000	10.570000	10.600000
10.600000				
## 1163 2001-12-28	10.910000	11.080000	10.690000	10.900000
10.900000				
## 1164 2001-12-31	11.070000	11.190000	10.740000	10.820000
10.820000				
## 1165 2002-01-02	10.930000	11.000000	10.480000	10.960000
10.960000				
## 1166 2002-01-03	11.130000	11.940000	11.050000	11.900000
11.900000				
## 1167 2002-01-04	12.020000	12.400000	11.950000	12.250000
12.250000				
## 1168 2002-01-07	12.080000	12.510000	12.080000	12.340000
12.340000				
## 1169 2002-01-08	12.270000	12.320000	11.750000	11.850000
11.850000				
## 1170 2002-01-09	11.960000	12.170000	11.300000	11.530000
11.530000				
## 1171 2002-01-10	11.660000	11.670000	10.870000	11.040000
11.040000				
## 1172 2002-01-11	11.030000	11.340000	10.930000	11.030000
11.030000				
## 1173 2002-01-14	10.800000	10.830000	10.090000	10.110000
10.110000				
## 1174 2002-01-15	10.340000	10.420000	10.160000	10.290000
10.290000				
## 1175 2002-01-16	10.010000	10.010000	9.030000	9.130000
9.130000				
## 1176 2002-01-17	9.820000	9.850000	9.400000	9.740000
9.740000				
## 1177 2002-01-18	9.600000	10.550000	9.390000	10.160000
10.160000				
## 1178 2002-01-22	12.740000	12.790000	12.140000	12.600000
12.600000				
## 1179 2002-01-23	12.490000	12.600000	11.900000	12.470000
12.470000				
## 1180 2002-01-24	12.750000	14.060000	12.710000	14.010000
14.010000				
## 1181 2002-01-25	13.560000	15.390000	13.390000	14.440000
14.440000				
## 1182 2002-01-28	14.860000	15.770000	14.760000	15.500000
15.500000				
## 1183 2002-01-29	15.540000	15.550000	13.970000	14.220000
14.220000				
## 1184 2002-01-30	13.980000	14.250000	13.200000	13.900000
13.900000				
## 1185 2002-01-31	14.120000	14.490000	13.410000	14.190000
14.190000				
## 1186 2002-02-01	14.070000	14.090000	13.350000	13.730000
13.730000				

## 1187 2002-02-04	12.910000	13.090000	12.430000	12.530000
12.530000				
## 1188 2002-02-05	11.980000	12.290000	11.160000	11.500000
11.500000				
## 1189 2002-02-06	11.900000	12.000000	11.200000	11.260000
11.260000				
## 1190 2002-02-07	11.250000	11.850000	11.060000	11.240000
11.240000				
## 1191 2002-02-08	11.510000	12.670000	11.500000	12.520000
12.520000				
## 1192 2002-02-11	12.640000	13.500000	12.540000	13.300000
13.300000				
## 1193 2002-02-12	13.030000	13.240000	12.500000	12.900000
12.900000				
## 1194 2002-02-13	13.100000	13.330000	13.060000	13.290000
13.290000				
## 1195 2002-02-14	13.340000	14.260000	13.300000	13.880000
13.880000				
## 1196 2002-02-15	13.910000	14.040000	13.270000	13.410000
13.410000				
## 1197 2002-02-19	12.950000	13.840000	12.800000	13.010000
13.010000				
## 1198 2002-02-20	13.190000	13.400000	12.150000	12.960000
12.960000				
## 1199 2002-02-21	12.910000	13.650000	12.900000	13.260000
13.260000				
## 1200 2002-02-22	13.050000	13.230000	12.700000	13.070000
13.070000				
## 1201 2002-02-25	13.090000	13.740000	13.000000	13.730000
13.730000				
## 1202 2002-02-26	13.510000	14.490000	13.450000	14.400000
14.400000				
## 1203 2002-02-27	14.550000	14.730000	14.120000	14.270000
14.270000				
## 1204 2002-02-28	14.290000	14.750000	13.930000	14.100000
14.100000				
## 1205 2002-03-01	14.130000	15.400000	14.120000	15.390000
15.390000				
## 1206 2002-03-04	15.420000	16.490000	15.400000	16.480000
16.480000				
## 1207 2002-03-05	16.000000	16.680000	15.530000	15.970000
15.970000				
## 1208 2002-03-06	14.820000	16.590000	14.820000	16.330000
16.330000				
## 1209 2002-03-07	16.410000	16.950001	15.400000	15.620000
15.620000				
## 1210 2002-03-08	16.250000	16.959999	15.930000	16.350000
16.350000				
## 1211 2002-03-11	16.040001	16.879999	15.860000	16.709999
16.709999				

## 1212	2002-03-12	16.350000	16.590000	16.040001	16.309999
16.309999					
## 1213	2002-03-13	16.049999	16.340000	15.640000	15.740000
15.740000					
## 1214	2002-03-14	14.990000	15.500000	14.280000	14.480000
14.480000					
## 1215	2002-03-15	14.270000	14.290000	13.550000	14.030000
14.030000					
## 1216	2002-03-18	14.150000	15.280000	14.140000	15.010000
15.010000					
## 1217	2002-03-19	15.150000	15.400000	14.560000	14.660000
14.660000					
## 1218	2002-03-20	14.480000	15.130000	14.300000	14.500000
14.500000					
## 1219	2002-03-21	14.620000	15.240000	14.560000	15.170000
15.170000					
## 1220	2002-03-22	15.120000	15.600000	15.100000	15.530000
15.530000					
## 1221	2002-03-25	15.470000	15.730000	14.720000	14.740000
14.740000					
## 1222	2002-03-26	14.640000	15.450000	14.550000	14.830000
14.830000					
## 1223	2002-03-27	13.900000	14.350000	13.700000	14.250000
14.250000					
## 1224	2002-03-28	14.400000	14.650000	14.250000	14.300000
14.300000					
## 1225	2002-04-01	14.280000	14.800000	14.140000	14.800000
14.800000					
## 1226	2002-04-02	14.640000	15.090000	14.190000	14.250000
14.250000					
## 1227	2002-04-03	14.370000	14.450000	13.600000	13.670000
13.670000					
## 1228	2002-04-04	13.730000	13.800000	13.230000	13.540000
13.540000					
## 1229	2002-04-05	13.670000	14.040000	13.310000	13.500000
13.500000					
## 1230	2002-04-08	12.970000	13.960000	12.960000	13.950000
13.950000					
## 1231	2002-04-09	14.070000	14.590000	13.560000	13.600000
13.600000					
## 1232	2002-04-10	13.760000	14.000000	13.050000	13.480000
13.480000					
## 1233	2002-04-11	13.280000	13.280000	12.520000	12.740000
12.740000					
## 1234	2002-04-12	12.900000	13.610000	12.850000	13.310000
13.310000					
## 1235	2002-04-15	13.420000	14.100000	13.350000	13.890000
13.890000					
## 1236	2002-04-16	14.180000	14.290000	13.720000	14.010000
14.010000					

## 1237	2002-04-17	14.240000	15.000000	14.240000	14.820000
		14.820000			
## 1238	2002-04-18	14.700000	14.860000	13.950000	14.260000
		14.260000			
## 1239	2002-04-19	14.380000	14.740000	14.150000	14.530000
		14.530000			
## 1240	2002-04-22	14.580000	14.850000	14.150000	14.310000
		14.310000			
## 1241	2002-04-23	14.350000	14.750000	13.880000	14.060000
		14.060000			
## 1242	2002-04-24	15.230000	16.850000	15.050000	16.790001
		16.790001			
## 1243	2002-04-25	16.510000	17.049999	16.410000	16.820000
		16.820000			
## 1244	2002-04-26	16.860001	16.950001	16.320000	16.910000
		16.910000			
## 1245	2002-04-29	16.750000	17.000000	15.900000	16.180000
		16.180000			
## 1246	2002-04-30	16.129999	16.760000	15.930000	16.690001
		16.690001			
## 1247	2002-05-01	16.549999	17.049999	16.420000	16.490000
		16.490000			
## 1248	2002-05-02	16.430000	16.650000	16.250000	16.320000
		16.320000			
## 1249	2002-05-03	16.230000	16.400000	15.750000	16.049999
		16.049999			
## 1250	2002-05-06	15.940000	16.490000	15.750000	16.120001
		16.120001			
## 1251	2002-05-07	16.110001	16.350000	16.030001	16.110001
		16.110001			
## 1252	2002-05-08	16.549999	17.459999	16.500000	17.320000
		17.320000			
## 1253	2002-05-09	17.120001	18.230000	17.100000	17.730000
		17.730000			
## 1254	2002-05-10	17.889999	17.959999	16.799999	16.940001
		16.940001			
## 1255	2002-05-13	17.170000	17.629999	16.850000	17.320000
		17.320000			
## 1256	2002-05-14	18.040001	19.450001	18.020000	18.809999
		18.809999			
## 1257	2002-05-15	18.680000	20.400000	18.350000	19.940001
		19.940001			
## 1258	2002-05-16	19.510000	19.950001	19.290001	19.610001
		19.610001			
## 1259	2002-05-17	19.969999	20.000000	18.809999	19.160000
		19.160000			
## 1260	2002-05-20	18.799999	19.480000	18.770000	19.389999
		19.389999			
## 1261	2002-05-21	19.540001	19.799999	18.549999	18.760000
		18.760000			

## 1262 2002-05-22	18.670000	19.129999	18.219999	18.750000
18.750000				
## 1263 2002-05-23	18.840000	19.549999	18.610001	19.450001
19.450001				
## 1264 2002-05-24	19.400000	19.690001	19.059999	19.469999
19.469999				
## 1265 2002-05-28	19.570000	19.610001	18.770000	19.059999
19.059999				
## 1266 2002-05-29	18.820000	19.100000	18.799999	18.910000
18.910000				
## 1267 2002-05-30	18.700001	18.940001	18.080000	18.370001
18.370001				
## 1268 2002-05-31	18.500000	18.889999	18.200001	18.230000
18.230000				
## 1269 2002-06-03	18.309999	18.500000	17.930000	17.959999
17.959999				
## 1270 2002-06-04	17.799999	18.139999	17.469999	17.969999
17.969999				
## 1271 2002-06-05	17.980000	18.180000	17.450001	17.990000
17.990000				
## 1272 2002-06-06	17.889999	18.410000	17.760000	18.170000
18.170000				
## 1273 2002-06-07	17.889999	18.650000	17.850000	18.580000
18.580000				
## 1274 2002-06-10	17.900000	18.120001	17.020000	17.299999
17.299999				
## 1275 2002-06-11	17.309999	17.790001	17.120001	17.139999
17.139999				
## 1276 2002-06-12	17.049999	17.150000	16.260000	17.080000
17.080000				
## 1277 2002-06-13	17.000000	17.500000	16.740000	17.430000
17.430000				
## 1278 2002-06-14	17.139999	17.400000	16.260000	16.820000
16.820000				
## 1279 2002-06-17	16.950001	18.480000	16.860001	18.410000
18.410000				
## 1280 2002-06-18	18.129999	19.160000	18.090000	18.780001
18.780001				
## 1281 2002-06-19	18.490000	19.100000	18.270000	18.299999
18.299999				
## 1282 2002-06-20	18.320000	18.379999	17.340000	17.549999
17.549999				
## 1283 2002-06-21	17.600000	17.790001	17.340000	17.530001
17.530001				
## 1284 2002-06-24	17.430000	17.780001	16.940001	17.510000
17.510000				
## 1285 2002-06-25	16.889999	16.950001	15.040000	15.340000
15.340000				
## 1286 2002-06-26	14.690000	15.930000	14.680000	15.850000
15.850000				

## 1287	2002-06-27	16.110001	16.469999	15.300000	15.860000
15.860000					
## 1288	2002-06-28	15.690000	16.360001	15.400000	16.250000
16.250000					
## 1289	2002-07-01	16.170000	16.170000	13.520000	13.550000
13.550000					
## 1290	2002-07-02	13.600000	14.160000	13.000000	13.320000
13.320000					
## 1291	2002-07-03	13.380000	14.460000	12.890000	14.250000
14.250000					
## 1292	2002-07-05	14.390000	15.230000	14.370000	15.210000
15.210000					
## 1293	2002-07-08	14.950000	15.850000	14.680000	14.940000
14.940000					
## 1294	2002-07-09	15.050000	16.030001	14.980000	15.600000
15.600000					
## 1295	2002-07-10	15.650000	15.940000	14.650000	14.960000
14.960000					
## 1296	2002-07-11	14.660000	15.840000	14.000000	15.550000
15.550000					
## 1297	2002-07-12	15.750000	16.190001	15.250000	15.430000
15.430000					
## 1298	2002-07-15	15.470000	15.980000	15.000000	15.940000
15.940000					
## 1299	2002-07-16	15.690000	17.070000	15.660000	16.290001
16.290001					
## 1300	2002-07-17	16.840000	17.160000	15.320000	16.160000
16.160000					
## 1301	2002-07-18	15.920000	16.590000	15.530000	15.550000
15.550000					
## 1302	2002-07-19	15.360000	15.710000	15.070000	15.290000
15.290000					
## 1303	2002-07-22	15.150000	15.650000	15.000000	15.500000
15.500000					
## 1304	2002-07-23	15.540000	15.880000	14.400000	14.550000
14.550000					
## 1305	2002-07-24	12.370000	14.160000	12.260000	14.100000
14.100000					
## 1306	2002-07-25	13.710000	14.010000	12.400000	12.490000
12.490000					
## 1307	2002-07-26	12.720000	13.110000	12.500000	12.930000
12.930000					
## 1308	2002-07-29	13.250000	14.460000	13.230000	14.330000
14.330000					
## 1309	2002-07-30	14.190000	14.900000	14.080000	14.770000
14.770000					
## 1310	2002-07-31	14.450000	14.660000	14.140000	14.450000
14.450000					
## 1311	2002-08-01	14.310000	14.500000	13.990000	14.160000
14.160000					

## 1312 2002-08-02	14.130000	14.140000	13.450000	13.840000
13.840000				
## 1313 2002-08-05	13.650000	13.790000	12.780000	12.870000
12.870000				
## 1314 2002-08-06	13.270000	13.900000	13.140000	13.740000
13.740000				
## 1315 2002-08-07	13.930000	13.940000	12.850000	13.600000
13.600000				
## 1316 2002-08-08	13.240000	14.100000	13.060000	13.900000
13.900000				
## 1317 2002-08-09	13.610000	14.750000	13.600000	14.260000
14.260000				
## 1318 2002-08-12	14.140000	14.490000	13.950000	14.460000
14.460000				
## 1319 2002-08-13	14.300000	14.670000	13.900000	13.930000
13.930000				
## 1320 2002-08-14	13.930000	14.060000	13.320000	13.910000
13.910000				
## 1321 2002-08-15	14.050000	14.750000	13.920000	14.620000
14.620000				
## 1322 2002-08-16	14.390000	15.010000	14.310000	14.900000
14.900000				
## 1323 2002-08-19	14.840000	15.520000	14.670000	15.500000
15.500000				
## 1324 2002-08-20	15.380000	15.990000	15.310000	15.980000
15.980000				
## 1325 2002-08-21	15.950000	15.970000	15.200000	15.380000
15.380000				
## 1326 2002-08-22	15.330000	15.950000	14.920000	15.730000
15.730000				
## 1327 2002-08-23	15.600000	15.720000	14.950000	15.170000
15.170000				
## 1328 2002-08-26	15.290000	15.440000	14.680000	14.930000
14.930000				
## 1329 2002-08-27	15.040000	15.270000	14.500000	14.520000
14.520000				
## 1330 2002-08-28	14.480000	14.970000	14.350000	14.570000
14.570000				
## 1331 2002-08-29	14.430000	15.190000	14.210000	15.140000
15.140000				
## 1332 2002-08-30	14.910000	15.380000	14.750000	14.940000
14.940000				
## 1333 2002-09-03	14.710000	15.030000	14.490000	14.600000
14.600000				
## 1334 2002-09-04	14.660000	14.960000	14.260000	14.830000
14.830000				
## 1335 2002-09-05	14.580000	14.720000	14.240000	14.250000
14.250000				
## 1336 2002-09-06	14.560000	15.480000	14.560000	15.310000
15.310000				

## 1337 2002-09-09	15.120000	16.650000	15.060000	16.510000
16.510000				
## 1338 2002-09-10	16.530001	17.350000	16.420000	17.129999
17.129999				
## 1339 2002-09-11	17.150000	17.850000	17.040001	17.110001
17.110001				
## 1340 2002-09-12	16.830000	17.129999	16.610001	16.750000
16.750000				
## 1341 2002-09-13	16.690001	16.990000	16.500000	16.610001
16.610001				
## 1342 2002-09-16	16.510000	16.930000	16.450001	16.709999
16.709999				
## 1343 2002-09-17	17.000000	17.750000	16.770000	17.350000
17.350000				
## 1344 2002-09-18	17.219999	17.930000	16.950001	17.730000
17.730000				
## 1345 2002-09-19	17.400000	17.639999	17.170000	17.209999
17.209999				
## 1346 2002-09-20	17.450001	17.639999	15.450000	15.860000
15.860000				
## 1347 2002-09-23	15.600000	16.440001	15.590000	16.049999
16.049999				
## 1348 2002-09-24	15.870000	16.370001	15.600000	15.930000
15.930000				
## 1349 2002-09-25	16.170000	16.389999	15.290000	15.730000
15.730000				
## 1350 2002-09-26	15.930000	17.350000	15.710000	17.150000
17.150000				
## 1351 2002-09-27	16.850000	17.400000	16.820000	17.010000
17.010000				
## 1352 2002-09-30	16.639999	16.850000	15.850000	15.930000
15.930000				
## 1353 2002-10-01	16.230000	17.059999	16.010000	16.950001
16.950001				
## 1354 2002-10-02	16.809999	17.639999	16.700001	17.010000
17.010000				
## 1355 2002-10-03	16.790001	17.250000	16.660000	16.750000
16.750000				
## 1356 2002-10-04	16.950001	17.150000	16.379999	16.549999
16.549999				
## 1357 2002-10-07	16.549999	16.959999	16.370001	16.639999
16.639999				
## 1358 2002-10-08	16.879999	17.059999	16.459999	16.940001
16.940001				
## 1359 2002-10-09	16.700001	17.129999	16.600000	16.860001
16.860001				
## 1360 2002-10-10	17.160000	17.969999	17.150000	17.959999
17.959999				
## 1361 2002-10-11	18.180000	18.740000	18.100000	18.459999
18.459999				

## 1362 2002-10-14	18.180000	19.230000	18.170000	19.200001
19.200001				
## 1363 2002-10-15	19.840000	20.139999	18.650000	18.940001
18.940001				
## 1364 2002-10-16	18.270000	19.660000	18.250000	19.490000
19.490000				
## 1365 2002-10-17	20.100000	20.219999	18.430000	18.740000
18.740000				
## 1366 2002-10-18	18.480000	19.290001	18.360001	19.040001
19.040001				
## 1367 2002-10-21	18.889999	19.530001	18.719999	19.260000
19.260000				
## 1368 2002-10-22	19.010000	19.910000	18.900000	19.379999
19.379999				
## 1369 2002-10-23	19.520000	19.820000	19.370001	19.750000
19.750000				
## 1370 2002-10-24	19.950001	20.260000	19.799999	19.860001
19.860001				
## 1371 2002-10-25	18.840000	19.360001	18.480000	19.299999
19.299999				
## 1372 2002-10-28	19.280001	19.730000	18.400000	18.590000
18.590000				
## 1373 2002-10-29	18.510000	18.920000	18.070000	18.570000
18.570000				
## 1374 2002-10-30	18.850000	19.219999	18.469999	19.080000
19.080000				
## 1375 2002-10-31	19.030001	19.480000	18.850000	19.360001
19.360001				
## 1376 2002-11-01	19.219999	19.900000	19.090000	19.799999
19.799999				
## 1377 2002-11-04	19.389999	19.809999	18.590000	18.780001
18.780001				
## 1378 2002-11-05	18.629999	18.870001	18.200001	18.719999
18.719999				
## 1379 2002-11-06	18.770000	19.389999	18.260000	19.340000
19.340000				
## 1380 2002-11-07	18.850000	19.299999	18.770000	19.120001
19.120001				
## 1381 2002-11-08	19.040001	19.660000	18.809999	19.510000
19.510000				
## 1382 2002-11-11	19.400000	19.549999	18.799999	19.000000
19.000000				
## 1383 2002-11-12	19.010000	19.990000	19.010000	19.820000
19.820000				
## 1384 2002-11-13	19.610001	21.000000	19.610001	20.410000
20.410000				
## 1385 2002-11-14	20.990000	21.490000	20.950001	21.209999
21.209999				
## 1386 2002-11-15	21.150000	22.350000	21.090000	22.209999
22.209999				

## 1387	2002-11-18	22.650000	23.740000	22.150000	22.420000
		22.420000			
## 1388	2002-11-19	21.879999	21.889999	21.230000	21.290001
		21.290001			
## 1389	2002-11-20	21.350000	23.000000	21.219999	22.900000
		22.900000			
## 1390	2002-11-21	23.330000	23.850000	23.209999	23.400000
		23.400000			
## 1391	2002-11-22	23.200001	24.280001	23.100000	23.990000
		23.990000			
## 1392	2002-11-25	24.030001	24.500000	23.820000	24.250000
		24.250000			
## 1393	2002-11-26	24.020000	24.200001	23.379999	23.400000
		23.400000			
## 1394	2002-11-27	23.719999	24.240000	23.709999	24.080000
		24.080000			
## 1395	2002-11-29	24.150000	24.379999	23.330000	23.350000
		23.350000			
## 1396	2002-12-02	24.150000	25.000000	24.000000	24.110001
		24.110001			
## 1397	2002-12-03	23.830000	23.980000	23.379999	23.740000
		23.740000			
## 1398	2002-12-04	23.480000	23.799999	22.959999	23.389999
		23.389999			
## 1399	2002-12-05	23.660000	23.680000	22.200001	22.580000
		22.580000			
## 1400	2002-12-06	21.700001	22.690001	21.510000	22.610001
		22.610001			
## 1401	2002-12-09	22.230000	22.350000	21.600000	21.680000
		21.680000			
## 1402	2002-12-10	21.959999	21.990000	21.240000	21.860001
		21.860001			
## 1403	2002-12-11	21.670000	22.379999	21.620001	22.129999
		22.129999			
## 1404	2002-12-12	22.469999	22.620001	21.809999	22.299999
		22.299999			
## 1405	2002-12-13	21.950001	22.350000	21.870001	22.180000
		22.180000			
## 1406	2002-12-16	22.230000	22.530001	22.040001	22.510000
		22.510000			
## 1407	2002-12-17	22.330000	22.559999	22.320000	22.459999
		22.459999			
## 1408	2002-12-18	22.250000	22.260000	21.980000	22.100000
		22.100000			
## 1409	2002-12-19	21.629999	22.200001	21.530001	21.690001
		21.690001			
## 1410	2002-12-20	21.790001	22.010000	21.600000	21.930000
		21.930000			
## 1411	2002-12-23	21.780001	22.469999	21.780001	22.240000
		22.240000			

## 1412	2002-12-24	22.180000	22.280001	21.879999	21.879999
21.879999					
## 1413	2002-12-26	21.590000	21.600000	20.000000	20.299999
20.299999					
## 1414	2002-12-27	19.969999	20.100000	18.430000	18.860001
18.860001					
## 1415	2002-12-30	18.850000	19.400000	18.740000	19.250000
19.250000					
## 1416	2002-12-31	19.250000	19.559999	18.830000	18.889999
18.889999					
## 1417	2003-01-02	19.190001	19.680000	18.549999	19.570000
19.570000					
## 1418	2003-01-03	19.590000	20.530001	19.410000	20.520000
20.520000					
## 1419	2003-01-06	20.400000	21.170000	20.299999	20.700001
20.700001					
## 1420	2003-01-07	20.830000	21.750000	20.600000	21.549999
21.549999					
## 1421	2003-01-08	21.440001	21.600000	20.820000	21.020000
21.020000					
## 1422	2003-01-09	21.080000	21.700001	20.900000	21.450001
21.450001					
## 1423	2003-01-10	20.959999	21.660000	20.809999	21.320000
21.320000					
## 1424	2003-01-13	21.330000	22.100000	21.250000	22.040001
22.040001					
## 1425	2003-01-14	21.850000	22.760000	21.660000	22.740000
22.740000					
## 1426	2003-01-15	22.590000	22.610001	21.940001	22.270000
22.270000					
## 1427	2003-01-16	21.690001	22.100000	21.450001	21.799999
21.799999					
## 1428	2003-01-17	21.459999	21.709999	21.230000	21.400000
21.400000					
## 1429	2003-01-21	21.250000	21.610001	20.360001	21.080000
21.080000					
## 1430	2003-01-22	20.770000	21.700001	20.750000	21.170000
21.170000					
## 1431	2003-01-23	21.540001	22.040001	21.150000	21.790001
21.790001					
## 1432	2003-01-24	22.590000	23.280001	21.900000	22.110001
22.110001					
## 1433	2003-01-27	21.680000	22.370001	21.639999	21.780001
21.780001					
## 1434	2003-01-28	21.910000	21.969999	21.230000	21.620001
21.620001					
## 1435	2003-01-29	21.549999	22.350000	21.400000	22.080000
22.080000					
## 1436	2003-01-30	22.200001	22.400000	21.730000	21.820000
21.820000					

## 1437	2003-01-31	21.639999	22.270000	21.559999	21.850000
21.850000					
## 1438	2003-02-03	21.940001	22.440001	21.820000	22.160000
22.160000					
## 1439	2003-02-04	21.940001	22.139999	21.570000	22.049999
22.049999					
## 1440	2003-02-05	22.180000	22.500000	22.030001	22.170000
22.170000					
## 1441	2003-02-06	22.160000	22.480000	21.930000	22.090000
22.090000					
## 1442	2003-02-07	22.100000	22.110001	21.200001	21.440001
21.440001					
## 1443	2003-02-10	21.400000	21.410000	20.570000	21.400000
21.400000					
## 1444	2003-02-11	21.559999	21.600000	20.690001	20.780001
20.780001					
## 1445	2003-02-12	20.790001	21.200001	20.660000	21.129999
21.129999					
## 1446	2003-02-13	20.950001	21.000000	19.610001	20.059999
20.059999					
## 1447	2003-02-14	19.990000	20.230000	19.709999	20.059999
20.059999					
## 1448	2003-02-18	20.150000	21.410000	20.150000	21.389999
21.389999					
## 1449	2003-02-19	21.150000	21.250000	21.020000	21.190001
21.190001					
## 1450	2003-02-20	21.190001	21.500000	21.090000	21.360001
21.360001					
## 1451	2003-02-21	21.350000	21.830000	21.040001	21.780001
21.780001					
## 1452	2003-02-24	21.639999	22.180000	21.639999	21.780001
21.780001					
## 1453	2003-02-25	21.500000	22.000000	21.400000	21.879999
21.879999					
## 1454	2003-02-26	21.629999	21.980000	21.620001	21.639999
21.639999					
## 1455	2003-02-27	21.660000	21.770000	20.250000	21.620001
21.620001					
## 1456	2003-02-28	21.570000	22.020000	21.430000	22.010000
22.010000					
## 1457	2003-03-03	22.150000	22.610001	21.740000	21.809999
21.809999					
## 1458	2003-03-04	21.700001	22.350000	21.360001	22.270000
22.270000					
## 1459	2003-03-05	22.080000	22.620001	22.020000	22.420000
22.420000					
## 1460	2003-03-06	22.320000	22.850000	22.120001	22.690001
22.690001					
## 1461	2003-03-07	22.320000	23.040001	22.260000	22.969999
22.969999					

## 1462	2003-03-10	22.600000	22.959999	22.549999	22.879999
22.879999					
## 1463	2003-03-11	22.750000	22.920000	22.510000	22.780001
22.780001					
## 1464	2003-03-12	22.510000	23.379999	22.490000	23.360001
23.360001					
## 1465	2003-03-13	23.680000	24.590000	23.129999	24.420000
24.420000					
## 1466	2003-03-14	24.540001	24.900000	24.200001	24.709999
24.709999					
## 1467	2003-03-17	24.469999	26.840000	24.400000	26.549999
26.549999					
## 1468	2003-03-18	26.459999	26.840000	26.100000	26.780001
26.780001					
## 1469	2003-03-19	26.330000	26.690001	26.160000	26.540001
26.540001					
## 1470	2003-03-20	26.340000	27.629999	26.129999	27.450001
27.450001					
## 1471	2003-03-21	27.709999	27.950001	27.040001	27.930000
27.930000					
## 1472	2003-03-24	27.080000	27.260000	26.200001	26.230000
26.230000					
## 1473	2003-03-25	26.250000	27.090000	26.209999	26.900000
26.900000					
## 1474	2003-03-26	26.879999	27.870001	26.709999	27.760000
27.760000					
## 1475	2003-03-27	27.590000	28.040001	27.450001	27.770000
27.770000					
## 1476	2003-03-28	27.590000	27.950001	27.100000	27.180000
27.180000					
## 1477	2003-03-31	26.570000	26.740000	25.959999	26.030001
26.030001					
## 1478	2003-04-01	25.549999	25.590000	25.059999	25.540001
25.540001					
## 1479	2003-04-02	25.980000	26.480000	25.840000	26.379999
26.379999					
## 1480	2003-04-03	26.510000	27.090000	26.020000	26.650000
26.650000					
## 1481	2003-04-04	26.709999	26.830000	25.950001	26.219999
26.219999					
## 1482	2003-04-07	27.209999	27.559999	26.750000	26.820000
26.820000					
## 1483	2003-04-08	26.790001	26.799999	26.450001	26.520000
26.520000					
## 1484	2003-04-09	26.350000	26.370001	24.840000	25.059999
25.059999					
## 1485	2003-04-10	25.430000	25.940001	24.780001	25.670000
25.670000					
## 1486	2003-04-11	25.850000	26.240000	25.420000	25.750000
25.750000					

## 1487	2003-04-14	24.799999	25.150000	24.500000	25.049999
25.049999					
## 1488	2003-04-15	24.889999	25.430000	24.820000	25.129999
25.129999					
## 1489	2003-04-16	25.299999	25.500000	24.129999	24.379999
24.379999					
## 1490	2003-04-17	24.469999	25.010000	24.350000	24.990000
24.990000					
## 1491	2003-04-21	25.030001	26.170000	24.900000	25.250000
25.250000					
## 1492	2003-04-22	25.090000	25.690001	24.820000	25.580000
25.580000					
## 1493	2003-04-23	26.400000	26.549999	25.360001	25.430000
25.430000					
## 1494	2003-04-24	25.400000	26.719999	24.770000	25.120001
25.120001					
## 1495	2003-04-25	28.000000	29.000000	27.820000	28.969999
28.969999					
## 1496	2003-04-28	28.639999	29.190001	28.600000	29.110001
29.110001					
## 1497	2003-04-29	28.910000	29.040001	28.610001	28.889999
28.889999					
## 1498	2003-04-30	28.600000	29.000000	28.379999	28.690001
28.690001					
## 1499	2003-05-01	28.680000	28.700001	28.150000	28.660000
28.660000					
## 1500	2003-05-02	28.629999	29.450001	28.549999	29.430000
29.430000					
## 1501	2003-05-05	29.469999	30.049999	29.010000	29.959999
29.959999					
## 1502	2003-05-06	29.870001	31.180000	29.799999	30.879999
30.879999					
## 1503	2003-05-07	30.660000	30.860001	30.030001	30.700001
30.700001					
## 1504	2003-05-08	30.360001	30.760000	30.219999	30.450001
30.450001					
## 1505	2003-05-09	30.459999	30.990000	30.200001	30.959999
30.959999					
## 1506	2003-05-12	30.830000	31.799999	30.670000	31.700001
31.700001					
## 1507	2003-05-13	31.549999	33.490002	31.440001	32.950001
32.950001					
## 1508	2003-05-14	33.139999	33.189999	32.439999	32.599998
32.599998					
## 1509	2003-05-15	32.639999	32.750000	32.200001	32.630001
32.630001					
## 1510	2003-05-16	32.509998	33.160000	32.380001	33.049999
33.049999					
## 1511	2003-05-19	32.700001	32.970001	31.400000	31.559999
31.559999					

## 1512 2003-05-20	31.559999	32.130001	31.170000	31.480000
31.480000				
## 1513 2003-05-21	31.340000	31.840000	31.160000	31.750000
31.750000				
## 1514 2003-05-22	31.750000	33.290001	31.290001	33.000000
33.000000				
## 1515 2003-05-23	33.029999	33.049999	32.470001	32.720001
32.720001				
## 1516 2003-05-27	32.549999	35.029999	32.450001	34.849998
34.849998				
## 1517 2003-05-28	34.880001	35.730000	34.650002	34.860001
34.860001				
## 1518 2003-05-29	34.889999	35.970001	34.700001	35.549999
35.549999				
## 1519 2003-05-30	35.610001	36.090000	35.000000	35.889999
35.889999				
## 1520 2003-06-02	36.500000	36.680000	35.349998	35.400002
35.400002				
## 1521 2003-06-03	34.709999	35.310001	34.680000	35.230000
35.230000				
## 1522 2003-06-04	35.000000	35.599998	34.700001	35.389999
35.389999				
## 1523 2003-06-05	35.160000	35.840000	34.610001	35.520000
35.520000				
## 1524 2003-06-06	36.040001	36.259998	33.250000	33.349998
33.349998				
## 1525 2003-06-09	34.470001	34.470001	33.080002	33.680000
33.680000				
## 1526 2003-06-10	34.020000	34.380001	32.830002	34.070000
34.070000				
## 1527 2003-06-11	33.970001	34.810001	33.599998	34.650002
34.650002				
## 1528 2003-06-12	35.299999	35.400002	34.709999	35.200001
35.200001				
## 1529 2003-06-13	35.400002	35.450001	34.049999	34.130001
34.130001				
## 1530 2003-06-16	34.570000	35.849998	34.080002	35.840000
35.840000				
## 1531 2003-06-17	35.930000	36.369999	35.250000	35.840000
35.840000				
## 1532 2003-06-18	35.500000	37.240002	35.349998	35.849998
35.849998				
## 1533 2003-06-19	35.799999	36.750000	35.380001	35.500000
35.500000				
## 1534 2003-06-20	35.799999	35.880001	34.840000	35.040001
35.040001				
## 1535 2003-06-23	35.480000	35.860001	35.029999	35.580002
35.580002				
## 1536 2003-06-24	35.369999	35.820000	34.540001	35.400002
35.400002				

## 1537	2003-06-25	35.299999	36.130001	35.150002	35.389999
35.389999					
## 1538	2003-06-26	35.209999	36.840000	35.060001	36.720001
36.720001					
## 1539	2003-06-27	36.689999	37.090000	36.180000	36.299999
36.299999					
## 1540	2003-06-30	36.630001	36.820000	36.020000	36.320000
36.320000					
## 1541	2003-07-01	36.330002	37.290001	35.700001	37.250000
37.250000					
## 1542	2003-07-02	37.599998	37.889999	37.139999	37.849998
37.849998					
## 1543	2003-07-03	37.020000	38.160000	37.020000	37.919998
37.919998					
## 1544	2003-07-07	38.299999	39.099998	37.950001	39.049999
39.049999					
## 1545	2003-07-08	38.759998	40.830002	38.750000	40.509998
40.509998					
## 1546	2003-07-09	40.540001	40.730000	39.869999	40.500000
40.500000					
## 1547	2003-07-10	39.119999	39.500000	38.200001	38.250000
38.250000					
## 1548	2003-07-11	38.299999	38.299999	37.099998	37.650002
37.650002					
## 1549	2003-07-14	38.500000	39.610001	38.240002	39.270000
39.270000					
## 1550	2003-07-15	39.610001	39.610001	37.619999	38.430000
38.430000					
## 1551	2003-07-16	38.520000	38.520000	37.320000	37.680000
37.680000					
## 1552	2003-07-17	37.150002	37.299999	36.040001	36.320000
36.320000					
## 1553	2003-07-18	36.320000	36.849998	34.790001	34.980000
34.980000					
## 1554	2003-07-21	34.709999	36.000000	34.599998	35.330002
35.330002					
## 1555	2003-07-22	35.700001	36.000000	34.000000	34.869999
34.869999					
## 1556	2003-07-23	37.750000	40.250000	37.349998	40.110001
40.110001					
## 1557	2003-07-24	41.049999	43.099998	40.580002	41.310001
41.310001					
## 1558	2003-07-25	40.740002	41.650002	39.750000	41.599998
41.599998					
## 1559	2003-07-28	41.490002	42.180000	40.869999	42.080002
42.080002					
## 1560	2003-07-29	41.990002	42.500000	41.060001	41.389999
41.389999					
## 1561	2003-07-30	41.150002	41.270000	40.450001	40.660000
40.660000					

## 1562 2003-07-31	41.349998	41.970001	40.669998	41.639999
41.639999				
## 1563 2003-08-01	41.410000	41.630001	39.779999	40.029999
40.029999				
## 1564 2003-08-04	39.700001	40.290001	38.950001	39.650002
39.650002				
## 1565 2003-08-05	39.240002	39.849998	38.630001	38.669998
38.669998				
## 1566 2003-08-06	38.619999	39.950001	38.279999	38.939999
38.939999				
## 1567 2003-08-07	39.000000	39.340000	38.590000	39.009998
39.009998				
## 1568 2003-08-08	39.130001	39.400002	38.630001	39.150002
39.150002				
## 1569 2003-08-11	38.990002	39.040001	38.349998	38.930000
38.930000				
## 1570 2003-08-12	38.950001	39.959999	38.310001	39.849998
39.849998				
## 1571 2003-08-13	40.250000	40.470001	39.709999	40.209999
40.209999				
## 1572 2003-08-14	39.919998	40.369999	39.650002	40.299999
40.299999				
## 1573 2003-08-15	40.230000	40.380001	39.970001	40.099998
40.099998				
## 1574 2003-08-18	40.480000	43.240002	40.380001	43.020000
43.020000				
## 1575 2003-08-19	43.450001	44.189999	42.919998	43.570000
43.570000				
## 1576 2003-08-20	43.060001	43.939999	43.009998	43.759998
43.759998				
## 1577 2003-08-21	44.220001	45.910000	43.869999	45.700001
45.700001				
## 1578 2003-08-22	46.360001	46.950001	44.810001	45.220001
45.220001				
## 1579 2003-08-25	44.849998	46.160000	44.529999	45.849998
45.849998				
## 1580 2003-08-26	45.650002	46.139999	45.110001	45.930000
45.930000				
## 1581 2003-08-27	45.770000	46.070000	45.259998	45.880001
45.880001				
## 1582 2003-08-28	45.939999	46.000000	44.810001	45.939999
45.939999				
## 1583 2003-08-29	45.820000	46.439999	45.720001	46.320000
46.320000				
## 1584 2003-09-02	46.520000	47.450001	46.009998	47.330002
47.330002				
## 1585 2003-09-03	47.580002	47.750000	45.860001	46.189999
46.189999				
## 1586 2003-09-04	46.200001	47.389999	46.040001	47.290001
47.290001				

## 1587 2003-09-05	46.950001	47.480000	46.099998	46.520000
46.520000				
## 1588 2003-09-08	46.500000	47.349998	46.060001	47.279999
47.279999				
## 1589 2003-09-09	47.099998	47.380001	46.299999	46.680000
46.680000				
## 1590 2003-09-10	46.259998	47.230000	46.060001	46.220001
46.220001				
## 1591 2003-09-11	46.200001	46.349998	44.770000	45.189999
45.189999				
## 1592 2003-09-12	44.849998	45.779999	44.730000	45.680000
45.680000				
## 1593 2003-09-15	45.360001	45.770000	45.230000	45.509998
45.509998				
## 1594 2003-09-16	45.400002	46.250000	45.049999	46.240002
46.240002				
## 1595 2003-09-17	46.209999	46.860001	45.540001	46.160000
46.160000				
## 1596 2003-09-18	46.160000	48.240002	45.939999	47.889999
47.889999				
## 1597 2003-09-19	47.869999	47.970001	47.349998	47.580002
47.580002				
## 1598 2003-09-22	46.560001	47.529999	46.200001	47.470001
47.470001				
## 1599 2003-09-23	47.410000	50.919998	47.349998	50.439999
50.439999				
## 1600 2003-09-24	50.349998	51.299999	49.599998	49.610001
49.610001				
## 1601 2003-09-25	49.660000	50.950001	49.279999	50.049999
50.049999				
## 1602 2003-09-26	49.900002	50.459999	48.299999	48.560001
48.560001				
## 1603 2003-09-29	48.880001	49.970001	48.400002	49.860001
49.860001				
## 1604 2003-09-30	49.650002	49.759998	48.349998	48.430000
48.430000				
## 1605 2003-10-01	48.369999	49.279999	47.509998	49.119999
49.119999				
## 1606 2003-10-02	48.939999	50.200001	48.680000	50.090000
50.090000				
## 1607 2003-10-03	51.130001	53.220001	51.029999	52.889999
52.889999				
## 1608 2003-10-06	52.889999	54.240002	52.590000	54.150002
54.150002				
## 1609 2003-10-07	54.000000	56.250000	53.950001	54.910000
54.910000				
## 1610 2003-10-08	55.439999	56.279999	55.119999	55.700001
55.700001				
## 1611 2003-10-09	57.410000	59.099998	57.400002	57.860001
57.860001				

## 1612 2003-10-10	57.700001	58.330002	57.439999	58.060001
58.060001				
## 1613 2003-10-13	57.939999	58.689999	57.439999	58.299999
58.299999				
## 1614 2003-10-14	58.099998	59.980000	57.799999	59.910000
59.910000				
## 1615 2003-10-15	60.389999	60.410000	58.430000	58.549999
58.549999				
## 1616 2003-10-16	58.160000	59.910000	58.090000	59.910000
59.910000				
## 1617 2003-10-17	59.299999	59.900002	58.650002	59.689999
59.689999				
## 1618 2003-10-20	59.560001	60.240002	58.919998	59.590000
59.590000				
## 1619 2003-10-21	59.730000	61.150002	59.009998	59.349998
59.349998				
## 1620 2003-10-22	56.049999	56.150002	53.730000	54.029999
54.029999				
## 1621 2003-10-23	52.980000	54.520000	52.910000	54.320000
54.320000				
## 1622 2003-10-24	54.549999	54.939999	53.000000	54.509998
54.509998				
## 1623 2003-10-27	54.900002	55.250000	54.500000	54.820000
54.820000				
## 1624 2003-10-28	55.189999	56.900002	54.549999	56.730000
56.730000				
## 1625 2003-10-29	56.650002	57.150002	56.000000	56.689999
56.689999				
## 1626 2003-10-30	57.400002	57.520000	55.570000	55.830002
55.830002				
## 1627 2003-10-31	55.900002	56.130001	54.380001	54.430000
54.430000				
## 1628 2003-11-03	54.799999	56.799999	54.310001	56.740002
56.740002				
## 1629 2003-11-04	56.700001	57.490002	56.060001	56.860001
56.860001				
## 1630 2003-11-05	56.130001	56.990002	56.080002	56.740002
56.740002				
## 1631 2003-11-06	56.810001	56.869999	54.750000	54.990002
54.990002				
## 1632 2003-11-07	55.610001	55.700001	54.000000	54.310001
54.310001				
## 1633 2003-11-10	53.950001	54.000000	51.740002	51.980000
51.980000				
## 1634 2003-11-11	51.840000	52.750000	50.759998	52.230000
52.230000				
## 1635 2003-11-12	52.570000	54.290001	52.110001	54.130001
54.130001				
## 1636 2003-11-13	54.040001	55.130001	53.570000	54.799999
54.799999				

## 1637 2003-11-14	54.430000	54.779999	52.209999	52.450001
52.450001				
## 1638 2003-11-17	51.919998	52.189999	49.580002	50.360001
50.360001				
## 1639 2003-11-18	50.730000	50.980000	48.450001	48.500000
48.500000				
## 1640 2003-11-19	48.709999	49.849998	47.669998	49.529999
49.529999				
## 1641 2003-11-20	49.099998	50.459999	48.340000	48.849998
48.849998				
## 1642 2003-11-21	49.000000	49.200001	47.759998	48.580002
48.580002				
## 1643 2003-11-24	49.279999	51.450001	48.650002	51.330002
51.330002				
## 1644 2003-11-25	51.349998	53.299999	51.250000	52.470001
52.470001				
## 1645 2003-11-26	52.830002	53.540001	51.869999	52.959999
52.959999				
## 1646 2003-11-28	52.840000	54.060001	52.830002	53.970001
53.970001				
## 1647 2003-12-01	54.400002	54.750000	53.049999	54.650002
54.650002				
## 1648 2003-12-02	54.500000	54.750000	53.849998	53.930000
53.930000				
## 1649 2003-12-03	54.099998	54.250000	51.360001	51.509998
51.509998				
## 1650 2003-12-04	51.450001	52.430000	50.750000	51.799999
51.799999				
## 1651 2003-12-05	51.200001	52.700001	51.200001	51.560001
51.560001				
## 1652 2003-12-08	51.549999	52.200001	50.119999	51.080002
51.080002				
## 1653 2003-12-09	51.169998	51.650002	49.299999	49.340000
49.340000				
## 1654 2003-12-10	49.450001	50.169998	48.310001	49.200001
49.200001				
## 1655 2003-12-11	49.259998	51.150002	49.189999	50.799999
50.799999				
## 1656 2003-12-12	50.990002	51.310001	49.919998	50.990002
50.990002				
## 1657 2003-12-15	52.049999	52.250000	50.049999	50.410000
50.410000				
## 1658 2003-12-16	49.599998	49.799999	48.630001	49.500000
49.500000				
## 1659 2003-12-17	49.470001	49.610001	47.000000	47.580002
47.580002				
## 1660 2003-12-18	47.610001	48.889999	47.450001	48.750000
48.750000				
## 1661 2003-12-19	48.799999	49.410000	48.259998	49.240002
49.240002				

## 1662 2003-12-22	48.980000	50.099998	48.700001	49.889999
49.889999				
## 1663 2003-12-23	50.020000	52.619999	49.770000	52.480000
52.480000				
## 1664 2003-12-24	52.299999	53.880001	52.150002	53.320000
53.320000				
## 1665 2003-12-26	54.139999	54.939999	53.139999	53.470001
53.470001				
## 1666 2003-12-29	53.790001	53.840000	52.130001	53.470001
53.470001				
## 1667 2003-12-30	53.180000	53.500000	52.599998	52.830002
52.830002				
## 1668 2003-12-31	52.820000	53.480000	52.400002	52.619999
52.619999				
## 1669 2004-01-02	52.759998	53.130001	51.430000	51.900002
51.900002				
## 1670 2004-01-05	52.000000	53.599998	51.369999	53.270000
53.270000				
## 1671 2004-01-06	53.110001	53.500000	52.740002	53.029999
53.029999				
## 1672 2004-01-07	52.180000	52.660000	50.939999	51.900002
51.900002				
## 1673 2004-01-08	52.090000	52.099998	50.029999	50.240002
50.240002				
## 1674 2004-01-09	49.770000	52.150002	49.099998	51.590000
51.590000				
## 1675 2004-01-12	51.610001	53.029999	50.799999	52.950001
52.950001				
## 1676 2004-01-13	52.669998	54.990002	52.410000	54.910000
54.910000				
## 1677 2004-01-14	54.619999	55.990002	54.150002	55.799999
55.799999				
## 1678 2004-01-15	54.730000	56.779999	54.619999	56.180000
56.180000				
## 1679 2004-01-16	56.270000	56.369999	55.270000	55.720001
55.720001				
## 1680 2004-01-20	55.570000	56.840000	55.410000	56.610001
56.610001				
## 1681 2004-01-21	56.160000	56.939999	55.639999	56.200001
56.200001				
## 1682 2004-01-22	56.810001	57.820000	56.240002	57.180000
57.180000				
## 1683 2004-01-23	57.099998	57.610001	56.619999	57.110001
57.110001				
## 1684 2004-01-26	56.799999	57.200001	56.299999	57.029999
57.029999				
## 1685 2004-01-27	56.730000	57.740002	55.660000	55.740002
55.740002				
## 1686 2004-01-28	53.639999	54.450001	51.619999	51.959999
51.959999				

## 1687 2004-01-29	52.040001	52.060001	48.599998	49.220001
49.220001				
## 1688 2004-01-30	49.490002	51.369999	49.299999	50.400002
50.400002				
## 1689 2004-02-02	50.650002	50.650002	47.950001	48.270000
48.270000				
## 1690 2004-02-03	48.189999	48.279999	44.520000	44.939999
44.939999				
## 1691 2004-02-04	44.810001	45.910000	44.299999	45.389999
45.389999				
## 1692 2004-02-05	46.029999	47.090000	45.900002	46.040001
46.040001				
## 1693 2004-02-06	46.110001	46.730000	45.509998	46.349998
46.349998				
## 1694 2004-02-09	46.750000	46.799999	45.700001	45.860001
45.860001				
## 1695 2004-02-10	45.849998	46.250000	45.509998	45.590000
45.590000				
## 1696 2004-02-11	45.860001	47.360001	45.540001	47.139999
47.139999				
## 1697 2004-02-12	46.930000	48.099998	46.709999	47.060001
47.060001				
## 1698 2004-02-13	47.290001	47.700001	46.240002	46.380001
46.380001				
## 1699 2004-02-17	46.139999	46.450001	44.799999	45.529999
45.529999				
## 1700 2004-02-18	45.360001	45.369999	44.639999	44.869999
44.869999				
## 1701 2004-02-19	45.150002	46.160000	44.650002	44.650002
44.650002				
## 1702 2004-02-20	44.799999	45.380001	44.730000	45.169998
45.169998				
## 1703 2004-02-23	45.180000	45.250000	43.349998	43.970001
43.970001				
## 1704 2004-02-24	43.919998	43.939999	42.230000	42.320000
42.320000				
## 1705 2004-02-25	42.500000	43.290001	42.500000	42.939999
42.939999				
## 1706 2004-02-26	43.200001	43.849998	43.000000	43.650002
43.650002				
## 1707 2004-02-27	43.570000	43.599998	42.520000	43.009998
43.009998				
## 1708 2004-03-01	43.020000	43.480000	42.580002	42.970001
42.970001				
## 1709 2004-03-02	42.730000	43.490002	41.860001	42.009998
42.009998				
## 1710 2004-03-03	41.860001	43.380001	41.650002	43.169998
43.169998				
## 1711 2004-03-04	43.119999	44.470001	43.099998	44.389999
44.389999				

## 1712 2004-03-05	43.790001	44.830002	43.529999	44.090000
	44.090000			
## 1713 2004-03-08	43.959999	45.060001	43.130001	43.500000
	43.500000			
## 1714 2004-03-09	43.419998	43.889999	42.270000	42.709999
	42.709999			
## 1715 2004-03-10	42.720001	43.200001	41.459999	41.549999
	41.549999			
## 1716 2004-03-11	41.090000	42.369999	41.040001	41.279999
	41.279999			
## 1717 2004-03-12	41.349998	42.610001	41.299999	42.439999
	42.439999			
## 1718 2004-03-15	42.259998	42.799999	40.919998	41.080002
	41.080002			
## 1719 2004-03-16	41.290001	42.360001	41.259998	42.130001
	42.130001			
## 1720 2004-03-17	43.040001	43.450001	42.590000	42.799999
	42.799999			
## 1721 2004-03-18	42.529999	43.200001	42.209999	43.009998
	43.009998			
## 1722 2004-03-19	43.029999	43.750000	42.630001	42.799999
	42.799999			
## 1723 2004-03-22	41.750000	41.849998	40.509998	40.849998
	40.849998			
## 1724 2004-03-23	41.320000	41.740002	39.849998	40.230000
	40.230000			
## 1725 2004-03-24	40.310001	40.380001	39.150002	39.630001
	39.630001			
## 1726 2004-03-25	40.000000	42.200001	40.000000	41.990002
	41.990002			
## 1727 2004-03-26	42.009998	42.490002	41.290001	41.700001
	41.700001			
## 1728 2004-03-29	41.970001	42.799999	41.970001	42.759998
	42.759998			
## 1729 2004-03-30	42.709999	43.930000	42.560001	43.799999
	43.799999			
## 1730 2004-03-31	43.849998	44.000000	42.950001	43.279999
	43.279999			
## 1731 2004-04-01	43.450001	44.840000	43.299999	44.740002
	44.740002			
## 1732 2004-04-02	46.000000	46.250000	45.250000	46.090000
	46.090000			
## 1733 2004-04-05	45.669998	47.090000	45.590000	46.959999
	46.959999			
## 1734 2004-04-06	46.310001	46.970001	45.750000	46.439999
	46.439999			
## 1735 2004-04-07	46.200001	46.799999	45.389999	45.849998
	45.849998			
## 1736 2004-04-08	47.840000	48.150002	47.000000	48.099998
	48.099998			

## 1737	2004-04-12	48.160000	48.369999	47.570000	47.959999
47.959999					
## 1738	2004-04-13	47.990002	48.340000	46.360001	46.580002
46.580002					
## 1739	2004-04-14	46.080002	47.660000	45.980000	46.790001
46.790001					
## 1740	2004-04-15	46.980000	47.599998	46.000000	46.990002
46.990002					
## 1741	2004-04-16	47.049999	47.099998	45.330002	45.500000
45.500000					
## 1742	2004-04-19	45.349998	47.270000	45.119999	47.110001
47.110001					
## 1743	2004-04-20	47.660000	47.810001	45.180000	45.200001
45.200001					
## 1744	2004-04-21	45.200001	46.490002	44.910000	45.720001
45.720001					
## 1745	2004-04-22	45.950001	49.099998	45.889999	48.860001
48.860001					
## 1746	2004-04-23	46.000000	46.889999	45.509998	46.290001
46.290001					
## 1747	2004-04-26	46.330002	47.759998	46.150002	47.250000
47.250000					
## 1748	2004-04-27	47.590000	48.799999	46.790001	48.000000
48.000000					
## 1749	2004-04-28	47.619999	48.349998	46.639999	46.970001
46.970001					
## 1750	2004-04-29	46.900002	47.080002	45.509998	46.189999
46.189999					
## 1751	2004-04-30	46.060001	46.349998	43.310001	43.599998
43.599998					
## 1752	2004-05-03	43.480000	45.150002	43.410000	44.410000
44.410000					
## 1753	2004-05-04	44.410000	44.570000	43.700001	43.950001
43.950001					
## 1754	2004-05-05	43.980000	45.049999	43.950001	44.259998
44.259998					
## 1755	2004-05-06	43.590000	44.250000	42.770000	43.139999
43.139999					
## 1756	2004-05-07	42.959999	44.180000	41.680000	41.900002
41.900002					
## 1757	2004-05-10	41.230000	42.150002	40.570000	41.259998
41.259998					
## 1758	2004-05-11	41.919998	43.040001	41.900002	42.700001
42.700001					
## 1759	2004-05-12	42.340000	43.150002	41.250000	43.020000
43.020000					
## 1760	2004-05-13	42.459999	44.130001	42.250000	43.610001
43.610001					
## 1761	2004-05-14	43.700001	43.919998	42.759998	43.049999
43.049999					

## 1762 2004-05-17	42.240002	42.590000	41.700001	42.080002
42.080002				
## 1763 2004-05-18	42.200001	42.400002	41.830002	41.990002
41.990002				
## 1764 2004-05-19	42.380001	43.270000	41.470001	41.689999
41.689999				
## 1765 2004-05-20	41.650002	41.970001	40.799999	40.980000
40.980000				
## 1766 2004-05-21	41.270000	41.480000	40.549999	41.169998
41.169998				
## 1767 2004-05-24	41.290001	42.299999	41.169998	41.630001
41.630001				
## 1768 2004-05-25	41.750000	43.860001	41.389999	43.619999
43.619999				
## 1769 2004-05-26	43.860001	45.000000	43.669998	44.689999
44.689999				
## 1770 2004-05-27	45.270000	47.830002	44.849998	47.619999
47.619999				
## 1771 2004-05-28	47.270000	48.680000	46.880001	48.500000
48.500000				
## 1772 2004-06-01	47.869999	50.450001	47.700001	50.230000
50.230000				
## 1773 2004-06-02	50.490002	51.209999	49.770000	50.349998
50.349998				
## 1774 2004-06-03	49.849998	50.349998	49.320000	49.400002
49.400002				
## 1775 2004-06-04	50.049999	51.509998	50.000000	50.950001
50.950001				
## 1776 2004-06-07	51.689999	51.990002	50.650002	51.759998
51.759998				
## 1777 2004-06-08	51.299999	52.119999	51.099998	51.939999
51.939999				
## 1778 2004-06-09	51.619999	51.830002	50.009998	50.240002
50.240002				
## 1779 2004-06-10	50.400002	50.470001	49.259998	49.939999
49.939999				
## 1780 2004-06-14	49.340000	49.990002	49.040001	49.250000
49.250000				
## 1781 2004-06-15	49.709999	50.599998	49.490002	50.110001
50.110001				
## 1782 2004-06-16	50.090000	50.750000	49.910000	50.570000
50.570000				
## 1783 2004-06-17	50.509998	50.910000	49.410000	49.770000
49.770000				
## 1784 2004-06-18	49.439999	50.279999	49.400002	49.599998
49.599998				
## 1785 2004-06-21	49.450001	50.299999	49.250000	49.770000
49.770000				
## 1786 2004-06-22	49.669998	49.790001	48.240002	49.000000
49.000000				

## 1787	2004-06-23	48.770000	51.000000	48.349998	50.810001
50.810001					
## 1788	2004-06-24	51.000000	51.939999	50.689999	51.020000
51.020000					
## 1789	2004-06-25	51.049999	51.930000	50.869999	51.799999
51.799999					
## 1790	2004-06-28	52.380001	54.040001	52.200001	53.389999
53.389999					
## 1791	2004-06-29	53.220001	53.939999	52.650002	53.709999
53.709999					
## 1792	2004-06-30	53.610001	54.700001	53.419998	54.400002
54.400002					
## 1793	2004-07-01	53.799999	54.040001	52.049999	52.560001
52.560001					
## 1794	2004-07-02	52.619999	53.240002	51.830002	52.590000
52.590000					
## 1795	2004-07-06	52.549999	52.599998	50.490002	51.240002
51.240002					
## 1796	2004-07-07	50.790001	52.029999	50.240002	51.000000
51.000000					
## 1797	2004-07-08	48.509998	49.970001	48.470001	49.500000
49.500000					
## 1798	2004-07-09	49.869999	50.000000	47.820000	48.320000
48.320000					
## 1799	2004-07-12	48.220001	49.349998	48.029999	49.049999
49.049999					
## 1800	2004-07-13	49.110001	49.980000	48.869999	49.599998
49.599998					
## 1801	2004-07-14	48.950001	50.400002	48.889999	49.500000
49.500000					
## 1802	2004-07-15	49.509998	49.669998	48.119999	48.669998
48.669998					
## 1803	2004-07-16	48.990002	49.060001	46.779999	47.099998
47.099998					
## 1804	2004-07-19	47.259998	47.259998	45.150002	46.020000
46.020000					
## 1805	2004-07-20	46.139999	47.849998	46.119999	46.990002
46.990002					
## 1806	2004-07-21	47.320000	47.599998	44.520000	44.759998
44.759998					
## 1807	2004-07-22	43.709999	46.070000	43.639999	45.820000
45.820000					
## 1808	2004-07-23	42.470001	42.759998	39.560001	39.980000
39.980000					
## 1809	2004-07-26	40.230000	40.240002	38.330002	38.779999
38.779999					
## 1810	2004-07-27	39.200001	39.910000	38.799999	39.110001
39.110001					
## 1811	2004-07-28	39.290001	39.570000	37.380001	37.970001
37.970001					

## 1812 2004-07-29	38.310001	38.959999	38.020000	38.580002
38.580002				
## 1813 2004-07-30	38.500000	39.419998	38.230000	38.919998
38.919998				
## 1814 2004-08-02	38.450001	38.759998	37.810001	38.299999
38.299999				
## 1815 2004-08-03	38.320000	39.080002	37.230000	37.610001
37.610001				
## 1816 2004-08-04	36.820000	37.459999	36.400002	37.119999
37.119999				
## 1817 2004-08-05	37.410000	37.480000	35.380001	35.610001
35.610001				
## 1818 2004-08-06	35.250000	36.669998	34.849998	35.490002
35.490002				
## 1819 2004-08-09	35.340000	36.299999	34.849998	35.320000
35.320000				
## 1820 2004-08-10	35.689999	37.200001	35.549999	37.099998
37.099998				
## 1821 2004-08-11	36.400002	36.900002	35.599998	36.560001
36.560001				
## 1822 2004-08-12	36.250000	37.349998	36.169998	36.290001
36.290001				
## 1823 2004-08-13	36.560001	37.000000	35.869999	36.130001
36.130001				
## 1824 2004-08-16	36.139999	38.400002	35.980000	37.950001
37.950001				
## 1825 2004-08-17	38.570000	39.439999	37.900002	38.230000
38.230000				
## 1826 2004-08-18	37.919998	39.540001	37.419998	39.360001
39.360001				
## 1827 2004-08-19	40.259998	40.480000	36.349998	38.630001
38.630001				
## 1828 2004-08-20	38.459999	39.910000	38.110001	39.509998
39.509998				
## 1829 2004-08-23	39.889999	40.000000	39.110001	39.450001
39.450001				
## 1830 2004-08-24	39.720001	39.930000	38.320000	39.049999
39.049999				
## 1831 2004-08-25	39.060001	40.490002	38.160000	40.299999
40.299999				
## 1832 2004-08-26	40.180000	40.830002	39.700001	40.189999
40.189999				
## 1833 2004-08-27	40.320000	40.389999	39.599998	39.900002
39.900002				
## 1834 2004-08-30	39.880001	39.950001	38.250000	38.310001
38.310001				
## 1835 2004-08-31	38.380001	38.849998	37.860001	38.139999
38.139999				
## 1836 2004-09-01	38.230000	39.009998	38.020000	38.240002
38.240002				

## 1837 2004-09-02	38.040001	39.639999	37.910000	39.180000
39.180000				
## 1838 2004-09-03	39.009998	40.009998	38.639999	38.740002
38.740002				
## 1839 2004-09-07	39.150002	39.360001	38.110001	38.509998
38.509998				
## 1840 2004-09-08	38.490002	38.810001	37.709999	38.009998
38.009998				
## 1841 2004-09-09	38.240002	38.310001	37.360001	38.070000
38.070000				
## 1842 2004-09-10	38.130001	38.799999	37.900002	38.570000
38.570000				
## 1843 2004-09-13	39.130001	40.040001	38.820000	40.009998
40.009998				
## 1844 2004-09-14	40.200001	42.750000	39.900002	42.669998
42.669998				
## 1845 2004-09-15	42.049999	43.180000	41.869999	42.209999
42.209999				
## 1846 2004-09-16	42.389999	44.279999	42.349998	42.570000
42.570000				
## 1847 2004-09-17	42.849998	43.259998	42.389999	42.959999
42.959999				
## 1848 2004-09-20	42.709999	43.990002	42.610001	43.270000
43.270000				
## 1849 2004-09-21	43.570000	43.770000	42.770000	43.290001
43.290001				
## 1850 2004-09-22	43.150002	43.240002	41.169998	41.380001
41.380001				
## 1851 2004-09-23	41.330002	42.200001	41.110001	41.830002
41.830002				
## 1852 2004-09-24	41.810001	41.910000	40.849998	40.939999
40.939999				
## 1853 2004-09-27	40.910000	41.009998	39.750000	39.930000
39.930000				
## 1854 2004-09-28	40.150002	40.330002	38.970001	39.430000
39.430000				
## 1855 2004-09-29	39.450001	40.919998	39.360001	40.840000
40.840000				
## 1856 2004-09-30	40.549999	41.279999	40.209999	40.860001
40.860001				
## 1857 2004-10-01	41.290001	41.299999	40.389999	40.470001
40.470001				
## 1858 2004-10-04	41.360001	41.680000	40.740002	41.009998
41.009998				
## 1859 2004-10-05	40.840000	41.250000	40.570000	40.959999
40.959999				
## 1860 2004-10-06	40.730000	41.410000	40.400002	41.360001
41.360001				
## 1861 2004-10-07	41.419998	42.700001	40.849998	41.150002
41.150002				

## 1862	2004-10-08	40.939999	41.189999	39.630001	40.000000
40.000000					
## 1863	2004-10-11	39.830002	40.750000	39.410000	40.150002
40.150002					
## 1864	2004-10-12	39.549999	40.580002	39.470001	40.220001
40.220001					
## 1865	2004-10-13	41.419998	41.549999	39.750000	39.980000
39.980000					
## 1866	2004-10-14	39.450001	39.549999	38.730000	39.099998
39.099998					
## 1867	2004-10-15	39.290001	39.669998	37.880001	38.549999
38.549999					
## 1868	2004-10-18	38.230000	39.470001	37.889999	39.270000
39.270000					
## 1869	2004-10-19	39.740002	39.849998	38.169998	38.330002
38.330002					
## 1870	2004-10-20	38.110001	38.590000	37.790001	38.349998
38.349998					
## 1871	2004-10-21	39.299999	40.189999	38.500000	39.470001
39.470001					
## 1872	2004-10-22	36.220001	36.799999	33.000000	34.599998
34.599998					
## 1873	2004-10-25	34.000000	34.410000	33.720001	33.970001
33.970001					
## 1874	2004-10-26	34.150002	34.259998	33.509998	33.830002
33.830002					
## 1875	2004-10-27	33.630001	34.630001	33.619999	34.230000
34.230000					
## 1876	2004-10-28	34.240002	34.770000	34.139999	34.450001
34.450001					
## 1877	2004-10-29	34.360001	34.450001	34.000000	34.130001
34.130001					
## 1878	2004-11-01	34.220001	35.150002	34.150002	35.099998
35.099998					
## 1879	2004-11-02	35.490002	36.490002	35.139999	36.240002
36.240002					
## 1880	2004-11-03	37.180000	37.619999	35.560001	35.919998
35.919998					
## 1881	2004-11-04	35.700001	37.290001	35.520000	36.910000
36.910000					
## 1882	2004-11-05	37.299999	37.389999	36.020000	36.560001
36.560001					
## 1883	2004-11-08	36.750000	37.580002	36.720001	37.320000
37.320000					
## 1884	2004-11-09	37.180000	37.810001	36.700001	37.400002
37.400002					
## 1885	2004-11-10	38.000000	38.840000	37.830002	38.090000
38.090000					
## 1886	2004-11-11	38.090000	39.000000	37.639999	38.830002
38.830002					

## 1887 2004-11-12	39.049999	40.939999	39.000000	40.459999
40.459999				
## 1888 2004-11-15	40.459999	41.500000	40.180000	40.889999
40.889999				
## 1889 2004-11-16	40.500000	40.660000	39.750000	40.070000
40.070000				
## 1890 2004-11-17	40.400002	40.590000	39.540001	39.900002
39.900002				
## 1891 2004-11-18	39.730000	40.959999	39.590000	40.369999
40.369999				
## 1892 2004-11-19	39.150002	39.439999	38.189999	38.549999
38.549999				
## 1893 2004-11-22	38.439999	38.529999	37.580002	38.049999
38.049999				
## 1894 2004-11-23	38.180000	39.680000	38.029999	38.310001
38.310001				
## 1895 2004-11-24	38.869999	39.160000	38.099998	38.750000
38.750000				
## 1896 2004-11-26	38.950001	39.340000	38.889999	39.090000
39.090000				
## 1897 2004-11-29	39.599998	39.619999	37.709999	38.939999
38.939999				
## 1898 2004-11-30	38.970001	39.799999	38.950001	39.680000
39.680000				
## 1899 2004-12-01	40.000000	40.000000	39.250000	39.980000
39.980000				
## 1900 2004-12-02	39.639999	40.740002	39.279999	40.169998
40.169998				
## 1901 2004-12-03	40.360001	40.459999	39.540001	40.090000
40.090000				
## 1902 2004-12-06	39.730000	39.980000	39.150002	39.490002
39.490002				
## 1903 2004-12-07	39.450001	39.750000	38.049999	38.200001
38.200001				
## 1904 2004-12-08	38.320000	39.099998	37.990002	38.720001
38.720001				
## 1905 2004-12-09	38.400002	39.950001	38.169998	39.820000
39.820000				
## 1906 2004-12-10	39.540001	40.099998	39.000000	39.049999
39.049999				
## 1907 2004-12-13	39.330002	40.279999	38.820000	39.830002
39.830002				
## 1908 2004-12-14	40.150002	40.470001	39.939999	40.439999
40.439999				
## 1909 2004-12-15	40.340000	41.000000	40.209999	41.000000
41.000000				
## 1910 2004-12-16	40.860001	41.000000	39.709999	40.049999
40.049999				
## 1911 2004-12-17	40.160000	40.220001	39.869999	40.009998
40.009998				

## 1912 2004-12-20	39.930000	40.490002	38.810001	38.950001
38.950001				
## 1913 2004-12-21	38.840000	39.419998	38.639999	39.389999
39.389999				
## 1914 2004-12-22	38.610001	39.590000	38.549999	39.520000
39.520000				
## 1915 2004-12-23	39.340000	39.520000	38.919998	38.930000
38.930000				
## 1916 2004-12-27	39.520000	42.930000	39.470001	42.250000
42.250000				
## 1917 2004-12-28	43.900002	45.119999	43.500000	44.630001
44.630001				
## 1918 2004-12-29	44.750000	45.680000	44.439999	44.820000
44.820000				
## 1919 2004-12-30	45.000000	45.529999	44.549999	44.970001
44.970001				
## 1920 2004-12-31	45.130001	45.490002	44.160000	44.290001
44.290001				
## 1921 2005-01-03	44.950001	45.439999	44.209999	44.520000
44.520000				
## 1922 2005-01-04	42.669998	43.259998	41.500000	42.139999
42.139999				
## 1923 2005-01-05	41.570000	42.759998	41.560001	41.770000
41.770000				
## 1924 2005-01-06	41.810001	42.250000	40.900002	41.049999
41.049999				
## 1925 2005-01-07	41.380001	42.689999	41.160000	42.320000
42.320000				
## 1926 2005-01-10	41.939999	42.959999	41.709999	41.840000
41.840000				
## 1927 2005-01-11	41.400002	42.160000	41.009998	41.639999
41.639999				
## 1928 2005-01-12	41.490002	42.480000	40.820000	42.299999
42.299999				
## 1929 2005-01-13	42.450001	44.580002	42.340000	42.599998
42.599998				
## 1930 2005-01-14	42.900002	44.660000	42.360001	44.549999
44.549999				
## 1931 2005-01-18	44.290001	45.000000	44.150002	44.580002
44.580002				
## 1932 2005-01-19	44.470001	44.740002	43.430000	43.959999
43.959999				
## 1933 2005-01-20	41.709999	43.959999	41.639999	42.360001
42.360001				
## 1934 2005-01-21	41.990002	42.549999	41.020000	41.160000
41.160000				
## 1935 2005-01-24	41.439999	41.950001	40.310001	40.380001
40.380001				
## 1936 2005-01-25	40.639999	41.439999	40.450001	40.939999
40.939999				

## 1937	2005-01-26	41.180000	41.799999	40.259998	41.340000
41.340000					
## 1938	2005-01-27	41.270000	42.400002	41.139999	42.310001
42.310001					
## 1939	2005-01-28	42.090000	43.000000	41.529999	42.220001
42.220001					
## 1940	2005-01-31	42.439999	43.419998	42.430000	43.220001
43.220001					
## 1941	2005-02-01	43.000000	43.270000	42.380001	42.480000
42.480000					
## 1942	2005-02-02	43.049999	43.540001	40.860001	41.880001
41.880001					
## 1943	2005-02-03	34.900002	35.889999	34.529999	35.750000
35.750000					
## 1944	2005-02-04	35.650002	35.980000	35.189999	35.720001
35.720001					
## 1945	2005-02-07	35.820000	35.840000	35.549999	35.689999
35.689999					
## 1946	2005-02-08	35.540001	36.520000	35.529999	36.299999
36.299999					
## 1947	2005-02-09	36.450001	36.799999	35.869999	35.889999
35.889999					
## 1948	2005-02-10	36.070000	36.110001	35.529999	35.779999
35.779999					
## 1949	2005-02-11	35.570000	35.950001	35.000000	35.779999
35.779999					
## 1950	2005-02-14	35.650002	36.630001	35.500000	36.029999
36.029999					
## 1951	2005-02-15	36.209999	36.450001	35.750000	36.139999
36.139999					
## 1952	2005-02-16	35.930000	36.349998	35.580002	35.660000
35.660000					
## 1953	2005-02-17	35.740002	35.849998	35.250000	35.689999
35.689999					
## 1954	2005-02-18	35.610001	35.750000	35.099998	35.310001
35.310001					
## 1955	2005-02-22	35.020000	35.389999	34.509998	34.720001
34.720001					
## 1956	2005-02-23	34.950001	34.970001	33.200001	34.139999
34.139999					
## 1957	2005-02-24	33.660000	34.849998	33.660000	34.689999
34.689999					
## 1958	2005-02-25	34.720001	35.230000	34.480000	34.990002
34.990002					
## 1959	2005-02-28	34.720001	35.660000	34.669998	35.180000
35.180000					
## 1960	2005-03-01	35.060001	35.410000	34.820000	35.389999
35.389999					
## 1961	2005-03-02	35.389999	35.930000	35.070000	35.500000
35.500000					

## 1962 2005-03-03	35.500000	35.959999	35.400002	35.650002
35.650002				
## 1963 2005-03-04	35.840000	36.310001	35.700001	35.849998
35.849998				
## 1964 2005-03-07	35.939999	36.400002	35.810001	36.320000
36.320000				
## 1965 2005-03-08	36.310001	36.430000	35.750000	35.830002
35.830002				
## 1966 2005-03-09	35.740002	35.930000	34.900002	35.400002
35.400002				
## 1967 2005-03-10	35.310001	35.709999	34.570000	34.910000
34.910000				
## 1968 2005-03-11	34.810001	34.869999	34.049999	34.750000
34.750000				
## 1969 2005-03-14	34.669998	34.750000	34.000000	34.599998
34.599998				
## 1970 2005-03-15	34.580002	34.849998	33.900002	34.180000
34.180000				
## 1971 2005-03-16	33.880001	34.439999	33.599998	33.869999
33.869999				
## 1972 2005-03-17	33.580002	34.439999	33.580002	33.970001
33.970001				
## 1973 2005-03-18	34.150002	34.279999	33.650002	34.160000
34.160000				
## 1974 2005-03-21	34.209999	34.630001	33.540001	33.669998
33.669998				
## 1975 2005-03-22	33.700001	33.939999	33.070000	33.150002
33.150002				
## 1976 2005-03-23	33.090000	33.840000	32.820000	33.180000
33.180000				
## 1977 2005-03-24	33.400002	33.880001	32.869999	32.880001
32.880001				
## 1978 2005-03-28	33.099998	33.650002	33.020000	33.389999
33.389999				
## 1979 2005-03-29	33.279999	34.150002	33.230000	33.430000
33.430000				
## 1980 2005-03-30	33.590000	34.520000	33.509998	34.320000
34.320000				
## 1981 2005-03-31	34.490002	34.549999	34.000000	34.270000
34.270000				
## 1982 2005-04-01	34.630001	34.709999	33.779999	34.009998
34.009998				
## 1983 2005-04-04	34.000000	35.180000	33.810001	35.000000
35.000000				
## 1984 2005-04-05	35.230000	35.340000	34.990002	35.279999
35.279999				
## 1985 2005-04-06	35.099998	35.200001	34.619999	34.820000
34.820000				
## 1986 2005-04-07	34.680000	34.919998	34.500000	34.900002
34.900002				

## 1987 2005-04-08	34.750000	34.930000	34.570000	34.599998
34.599998				
## 1988 2005-04-11	34.599998	35.000000	34.360001	34.599998
34.599998				
## 1989 2005-04-12	34.400002	34.639999	33.660000	34.630001
34.630001				
## 1990 2005-04-13	34.349998	34.709999	34.150002	34.299999
34.299999				
## 1991 2005-04-14	34.259998	34.500000	33.880001	33.970001
33.970001				
## 1992 2005-04-15	33.959999	34.000000	33.020000	33.020000
33.020000				
## 1993 2005-04-18	32.900002	33.580002	32.840000	33.000000
33.000000				
## 1994 2005-04-19	33.180000	33.369999	32.009998	32.779999
32.779999				
## 1995 2005-04-20	33.099998	33.759998	32.900002	33.250000
33.250000				
## 1996 2005-04-21	33.500000	33.889999	32.889999	33.730000
33.730000				
## 1997 2005-04-22	33.490002	33.630001	32.910000	33.040001
33.040001				
## 1998 2005-04-25	33.130001	33.590000	33.049999	33.529999
33.529999				
## 1999 2005-04-26	33.430000	33.980000	32.580002	32.709999
32.709999				
## 2000 2005-04-27	30.840000	31.740000	30.600000	31.719999
31.719999				
## 2001 2005-04-28	31.660000	32.919998	31.629999	32.520000
32.520000				
## 2002 2005-04-29	32.860001	32.889999	31.520000	32.360001
32.360001				
## 2003 2005-05-02	32.299999	33.279999	32.099998	33.099998
33.099998				
## 2004 2005-05-03	32.939999	33.560001	32.889999	33.209999
33.209999				
## 2005 2005-05-04	33.349998	34.119999	33.270000	33.959999
33.959999				
## 2006 2005-05-05	33.959999	34.180000	33.590000	33.959999
33.959999				
## 2007 2005-05-06	34.240002	34.689999	34.139999	34.520000
34.520000				
## 2008 2005-05-09	34.400002	34.799999	34.250000	34.639999
34.639999				
## 2009 2005-05-10	34.400002	34.470001	34.020000	34.230000
34.230000				
## 2010 2005-05-11	34.299999	34.509998	33.650002	33.820000
33.820000				
## 2011 2005-05-12	33.700001	34.119999	33.549999	33.849998
33.849998				

## 2012 2005-05-13	33.990002	34.349998	33.799999	33.900002
33.900002				
## 2013 2005-05-16	34.029999	34.770000	33.919998	34.540001
34.540001				
## 2014 2005-05-17	34.450001	34.820000	34.090000	34.730000
34.730000				
## 2015 2005-05-18	34.810001	35.970001	34.730000	35.330002
35.330002				
## 2016 2005-05-19	35.369999	35.910000	35.330002	35.590000
35.590000				
## 2017 2005-05-20	35.450001	35.599998	34.959999	35.500000
35.500000				
## 2018 2005-05-23	35.570000	36.020000	35.389999	35.680000
35.680000				
## 2019 2005-05-24	35.480000	35.570000	35.130001	35.540001
35.540001				
## 2020 2005-05-25	35.270000	35.450001	35.189999	35.250000
35.250000				
## 2021 2005-05-26	35.279999	35.680000	35.169998	35.450001
35.450001				
## 2022 2005-05-27	35.220001	35.549999	35.150002	35.500000
35.500000				
## 2023 2005-05-31	35.360001	36.040001	35.290001	35.509998
35.509998				
## 2024 2005-06-01	35.570000	36.990002	35.439999	36.500000
36.500000				
## 2025 2005-06-02	36.330002	36.910000	36.209999	36.410000
36.410000				
## 2026 2005-06-03	36.459999	36.500000	35.320000	35.590000
35.590000				
## 2027 2005-06-06	35.540001	36.020000	35.480000	35.770000
35.770000				
## 2028 2005-06-07	35.910000	36.200001	35.290001	35.349998
35.349998				
## 2029 2005-06-08	35.400002	35.480000	34.799999	34.830002
34.830002				
## 2030 2005-06-09	34.930000	35.279999	34.400002	35.200001
35.200001				
## 2031 2005-06-10	35.250000	35.290001	34.470001	34.950001
34.950001				
## 2032 2005-06-13	34.669998	35.410000	34.650002	34.869999
34.869999				
## 2033 2005-06-14	34.820000	35.169998	34.790001	35.040001
35.040001				
## 2034 2005-06-15	35.340000	35.410000	34.520000	35.240002
35.240002				
## 2035 2005-06-16	35.200001	35.810001	35.160000	35.580002
35.580002				
## 2036 2005-06-17	35.889999	36.070000	35.160000	35.310001
35.310001				

## 2037	2005-06-20	35.049999	35.970001	35.040001	35.689999
35.689999					
## 2038	2005-06-21	35.599998	35.810001	35.279999	35.380001
35.380001					
## 2039	2005-06-22	35.500000	35.849998	35.139999	35.220001
35.220001					
## 2040	2005-06-23	35.139999	35.560001	35.099998	35.430000
35.430000					
## 2041	2005-06-24	35.299999	35.439999	34.880001	35.020000
35.020000					
## 2042	2005-06-27	34.910000	35.049999	34.169998	34.500000
34.500000					
## 2043	2005-06-28	34.599998	34.630001	33.590000	33.709999
33.709999					
## 2044	2005-06-29	33.700001	34.070000	33.270000	33.349998
33.349998					
## 2045	2005-06-30	33.470001	33.560001	32.930000	33.090000
33.090000					
## 2046	2005-07-01	33.240002	33.270000	32.790001	32.910000
32.910000					
## 2047	2005-07-05	33.500000	34.480000	33.450001	34.080002
34.080002					
## 2048	2005-07-06	34.009998	34.400002	33.860001	34.060001
34.060001					
## 2049	2005-07-07	33.799999	34.509998	33.799999	33.959999
33.959999					
## 2050	2005-07-08	34.110001	34.750000	33.849998	34.740002
34.740002					
## 2051	2005-07-11	34.720001	35.680000	34.599998	35.590000
35.590000					
## 2052	2005-07-12	35.490002	36.540001	35.459999	36.310001
36.310001					
## 2053	2005-07-13	36.270000	36.549999	36.189999	36.509998
36.509998					
## 2054	2005-07-14	37.189999	37.419998	36.880001	37.189999
37.189999					
## 2055	2005-07-15	37.349998	37.500000	36.750000	37.150002
37.150002					
## 2056	2005-07-18	36.950001	37.189999	36.759998	37.189999
37.189999					
## 2057	2005-07-19	37.380001	38.169998	36.689999	38.169998
38.169998					
## 2058	2005-07-20	37.490002	38.250000	37.299999	38.169998
38.169998					
## 2059	2005-07-21	38.959999	39.750000	37.759998	37.950001
37.950001					
## 2060	2005-07-22	37.889999	38.230000	37.240002	37.950001
37.950001					
## 2061	2005-07-25	38.000000	39.040001	37.849998	37.950001
37.950001					

## 2062	2005-07-26	38.220001	38.750000	37.720001	37.740002
37.740002					
## 2063	2005-07-27	42.009998	43.740002	41.840000	43.650002
43.650002					
## 2064	2005-07-28	43.540001	45.810001	43.369999	45.680000
45.680000					
## 2065	2005-07-29	45.310001	45.750000	44.610001	45.150002
45.150002					
## 2066	2005-08-01	44.880001	45.189999	44.349998	44.930000
44.930000					
## 2067	2005-08-02	44.900002	46.970001	44.880001	46.509998
46.509998					
## 2068	2005-08-03	46.009998	46.180000	45.840000	46.110001
46.110001					
## 2069	2005-08-04	45.549999	45.770000	45.419998	45.459999
45.459999					
## 2070	2005-08-05	45.250000	45.709999	45.169998	45.270000
45.270000					
## 2071	2005-08-08	45.320000	45.900002	45.259998	45.660000
45.660000					
## 2072	2005-08-09	45.759998	46.439999	45.750000	45.930000
45.930000					
## 2073	2005-08-10	45.389999	45.570000	44.590000	44.759998
44.759998					
## 2074	2005-08-11	44.619999	45.209999	44.500000	45.209999
45.209999					
## 2075	2005-08-12	44.630001	45.720001	44.049999	44.200001
44.200001					
## 2076	2005-08-15	43.930000	45.349998	43.880001	45.040001
45.040001					
## 2077	2005-08-16	44.900002	44.939999	44.200001	44.270000
44.270000					
## 2078	2005-08-17	44.189999	44.430000	44.119999	44.119999
44.119999					
## 2079	2005-08-18	43.880001	43.900002	43.509998	43.730000
43.730000					
## 2080	2005-08-19	43.599998	43.770000	43.330002	43.720001
43.720001					
## 2081	2005-08-22	43.610001	44.270000	42.939999	43.770000
43.770000					
## 2082	2005-08-23	43.740002	43.970001	43.220001	43.419998
43.419998					
## 2083	2005-08-24	43.320000	43.320000	42.270000	42.369999
42.369999					
## 2084	2005-08-25	42.540001	42.799999	42.080002	42.310001
42.310001					
## 2085	2005-08-26	42.299999	42.630001	42.259998	42.369999
42.369999					
## 2086	2005-08-29	41.910000	43.000000	41.910000	42.790001
42.790001					

## 2087	2005-08-30	42.389999	42.709999	41.959999	42.490002
		42.490002			
## 2088	2005-08-31	42.439999	42.810001	42.040001	42.700001
		42.700001			
## 2089	2005-09-01	42.520000	42.970001	41.750000	41.840000
		41.840000			
## 2090	2005-09-02	42.000000	42.049999	41.040001	41.509998
		41.509998			
## 2091	2005-09-06	41.549999	43.650002	41.509998	43.619999
		43.619999			
## 2092	2005-09-07	43.500000	44.299999	43.450001	43.730000
		43.730000			
## 2093	2005-09-08	43.450001	43.490002	42.830002	42.959999
		42.959999			
## 2094	2005-09-09	42.990002	43.200001	42.810001	42.950001
		42.950001			
## 2095	2005-09-12	42.720001	44.959999	42.689999	44.500000
		44.500000			
## 2096	2005-09-13	44.169998	44.380001	43.439999	43.930000
		43.930000			
## 2097	2005-09-14	43.880001	44.730000	42.820000	43.099998
		43.099998			
## 2098	2005-09-15	43.200001	43.590000	42.650002	42.709999
		42.709999			
## 2099	2005-09-16	42.799999	42.919998	42.119999	42.799999
		42.799999			
## 2100	2005-09-19	42.630001	43.430000	42.169998	42.750000
		42.750000			
## 2101	2005-09-20	42.650002	43.009998	41.770000	41.869999
		41.869999			
## 2102	2005-09-21	41.849998	42.639999	41.250000	41.250000
		41.250000			
## 2103	2005-09-22	41.200001	42.270000	40.500000	42.080002
		42.080002			
## 2104	2005-09-23	41.970001	42.619999	41.549999	42.189999
		42.189999			
## 2105	2005-09-26	42.450001	43.419998	42.400002	43.340000
		43.340000			
## 2106	2005-09-27	43.259998	43.730000	42.820000	43.160000
		43.160000			
## 2107	2005-09-28	43.250000	43.740002	42.990002	43.369999
		43.369999			
## 2108	2005-09-29	43.380001	44.799999	43.130001	44.790001
		44.790001			
## 2109	2005-09-30	44.650002	45.840000	44.599998	45.299999
		45.299999			
## 2110	2005-10-03	45.330002	46.590000	45.160000	46.009998
		46.009998			
## 2111	2005-10-04	46.000000	46.119999	44.500000	44.930000
		44.930000			

## 2112 2005-10-05	44.910000	45.290001	43.889999	44.490002
44.490002				
## 2113 2005-10-06	44.560001	44.810001	43.330002	44.009998
44.009998				
## 2114 2005-10-07	44.270000	44.610001	43.380001	43.720001
43.720001				
## 2115 2005-10-10	43.820000	44.380001	43.580002	43.759998
43.759998				
## 2116 2005-10-11	43.919998	44.320000	43.230000	43.400002
43.400002				
## 2117 2005-10-12	42.910000	43.680000	42.439999	42.549999
42.549999				
## 2118 2005-10-13	42.430000	42.980000	41.900002	42.619999
42.619999				
## 2119 2005-10-14	43.000000	43.869999	42.340000	43.790001
43.790001				
## 2120 2005-10-17	43.630001	45.020000	43.619999	45.020000
45.020000				
## 2121 2005-10-18	44.919998	45.049999	44.299999	44.650002
44.650002				
## 2122 2005-10-19	44.540001	45.860001	44.279999	45.860001
45.860001				
## 2123 2005-10-20	45.900002	46.070000	44.680000	45.009998
45.009998				
## 2124 2005-10-21	45.669998	46.049999	45.150002	45.950001
45.950001				
## 2125 2005-10-24	46.119999	46.959999	45.860001	46.930000
46.930000				
## 2126 2005-10-25	46.880001	47.000000	46.040001	46.169998
46.169998				
## 2127 2005-10-26	41.000000	41.099998	39.480000	39.750000
39.750000				
## 2128 2005-10-27	39.639999	39.900002	38.860001	39.060001
39.060001				
## 2129 2005-10-28	39.549999	39.650002	38.720001	38.950001
38.950001				
## 2130 2005-10-31	39.349998	40.389999	39.119999	39.860001
39.860001				
## 2131 2005-11-01	39.970001	40.740002	39.650002	40.369999
40.369999				
## 2132 2005-11-02	40.290001	41.230000	39.799999	40.750000
40.750000				
## 2133 2005-11-03	40.889999	42.000000	40.849998	41.560001
41.560001				
## 2134 2005-11-04	41.490002	41.799999	40.910000	41.090000
41.090000				
## 2135 2005-11-07	41.080002	41.470001	40.549999	41.389999
41.389999				
## 2136 2005-11-08	41.330002	42.110001	41.029999	41.950001
41.950001				

## 2137 2005-11-09	41.790001	42.000000	41.279999	41.400002
41.400002				
## 2138 2005-11-10	41.470001	42.450001	40.860001	42.180000
42.180000				
## 2139 2005-11-11	42.369999	43.040001	42.250000	42.680000
42.680000				
## 2140 2005-11-14	42.520000	43.000000	42.340000	42.529999
42.529999				
## 2141 2005-11-15	45.459999	45.650002	44.430000	44.450001
44.450001				
## 2142 2005-11-16	44.270000	45.400002	44.240002	45.299999
45.299999				
## 2143 2005-11-17	45.430000	46.759998	45.360001	46.740002
46.740002				
## 2144 2005-11-18	46.900002	48.000000	46.660000	47.980000
47.980000				
## 2145 2005-11-21	47.570000	48.310001	47.279999	47.990002
47.990002				
## 2146 2005-11-22	47.500000	49.009998	47.340000	48.849998
48.849998				
## 2147 2005-11-23	48.770000	48.959999	48.090000	48.240002
48.240002				
## 2148 2005-11-25	48.049999	48.480000	47.619999	48.060001
48.060001				
## 2149 2005-11-28	48.150002	49.119999	47.619999	48.349998
48.349998				
## 2150 2005-11-29	48.310001	49.430000	48.119999	48.549999
48.549999				
## 2151 2005-11-30	48.480000	48.680000	47.549999	48.459999
48.459999				
## 2152 2005-12-01	48.880001	49.400002	48.630001	49.000000
49.000000				
## 2153 2005-12-02	48.919998	49.529999	48.400002	49.060001
49.060001				
## 2154 2005-12-05	48.860001	49.349998	48.750000	48.830002
48.830002				
## 2155 2005-12-06	49.060001	49.900002	49.060001	49.259998
49.259998				
## 2156 2005-12-07	49.310001	49.470001	48.290001	48.830002
48.830002				
## 2157 2005-12-08	48.830002	49.099998	47.860001	48.349998
48.349998				
## 2158 2005-12-09	48.650002	49.040001	48.250000	48.740002
48.740002				
## 2159 2005-12-12	49.150002	49.299999	48.639999	49.070000
49.070000				
## 2160 2005-12-13	48.540001	49.669998	48.480000	49.500000
49.500000				
## 2161 2005-12-14	49.200001	49.599998	48.790001	49.410000
49.410000				

## 2162	2005-12-15	49.500000	49.950001	49.049999	49.480000
49.480000					
## 2163	2005-12-16	49.400002	49.919998	49.209999	49.209999
49.209999					
## 2164	2005-12-19	48.990002	50.000000	48.320000	48.369999
48.369999					
## 2165	2005-12-20	48.459999	48.599998	47.680000	48.139999
48.139999					
## 2166	2005-12-21	48.290001	49.060001	47.779999	48.970001
48.970001					
## 2167	2005-12-22	48.900002	49.279999	48.360001	49.220001
49.220001					
## 2168	2005-12-23	49.090000	49.389999	48.720001	49.220001
49.220001					
## 2169	2005-12-27	48.900002	49.099998	48.360001	48.560001
48.560001					
## 2170	2005-12-28	48.490002	48.549999	47.900002	48.060001
48.060001					
## 2171	2005-12-29	48.130001	48.459999	47.970001	47.990002
47.990002					
## 2172	2005-12-30	47.730000	48.200001	47.139999	47.150002
47.150002					
## 2173	2006-01-03	47.470001	47.849998	46.250000	47.580002
47.580002					
## 2174	2006-01-04	47.490002	47.730000	46.689999	47.250000
47.250000					
## 2175	2006-01-05	47.160000	48.200001	47.110001	47.650002
47.650002					
## 2176	2006-01-06	47.970001	48.580002	47.320000	47.869999
47.869999					
## 2177	2006-01-09	46.549999	47.099998	46.400002	47.080002
47.080002					
## 2178	2006-01-10	46.410000	46.750000	45.360001	45.650002
45.650002					
## 2179	2006-01-11	45.650002	45.700001	44.259998	44.930000
44.930000					
## 2180	2006-01-12	44.790001	45.090000	44.090000	44.360001
44.360001					
## 2181	2006-01-13	44.470001	44.849998	44.000000	44.400002
44.400002					
## 2182	2006-01-17	43.950001	44.320000	43.660000	44.000000
44.000000					
## 2183	2006-01-18	43.189999	44.590000	43.099998	44.320000
44.320000					
## 2184	2006-01-19	44.490002	45.240002	44.299999	44.450001
44.450001					
## 2185	2006-01-20	44.230000	44.360001	43.200001	43.919998
43.919998					
## 2186	2006-01-23	44.180000	44.750000	43.500000	43.730000
43.730000					

## 2187	2006-01-24	43.660000	44.430000	43.419998	44.020000
		44.020000			
## 2188	2006-01-25	44.049999	44.470001	43.340000	43.599998
		43.599998			
## 2189	2006-01-26	43.950001	44.779999	43.790001	44.680000
		44.680000			
## 2190	2006-01-27	44.549999	45.220001	44.529999	45.220001
		45.220001			
## 2191	2006-01-30	45.410000	45.970001	44.740002	44.959999
		44.959999			
## 2192	2006-01-31	44.759998	45.209999	44.250000	44.820000
		44.820000			
## 2193	2006-02-01	43.919998	44.689999	43.500000	43.980000
		43.980000			
## 2194	2006-02-02	43.840000	44.040001	39.799999	42.740002
		42.740002			
## 2195	2006-02-03	37.700001	38.500000	37.369999	38.330002
		38.330002			
## 2196	2006-02-06	38.340000	38.340000	37.770000	37.950001
		37.950001			
## 2197	2006-02-07	38.090000	38.200001	37.200001	37.520000
		37.520000			
## 2198	2006-02-08	37.700001	38.389999	37.110001	38.169998
		38.169998			
## 2199	2006-02-09	38.610001	39.000000	37.930000	37.990002
		37.990002			
## 2200	2006-02-10	37.980000	38.520000	37.369999	38.520000
		38.520000			
## 2201	2006-02-13	38.250000	38.419998	37.529999	37.860001
		37.860001			
## 2202	2006-02-14	38.040001	38.490002	37.380001	38.250000
		38.250000			
## 2203	2006-02-15	38.240002	39.279999	38.099998	39.259998
		39.259998			
## 2204	2006-02-16	39.369999	40.000000	38.830002	39.150002
		39.150002			
## 2205	2006-02-17	38.930000	39.380001	38.910000	39.189999
		39.189999			
## 2206	2006-02-21	39.009998	39.110001	38.259998	38.290001
		38.290001			
## 2207	2006-02-22	38.310001	39.099998	37.709999	38.720001
		38.720001			
## 2208	2006-02-23	38.619999	38.750000	37.869999	37.900002
		37.900002			
## 2209	2006-02-24	38.250000	38.410000	37.860001	38.349998
		38.349998			
## 2210	2006-02-27	38.400002	38.779999	37.930000	38.009998
		38.009998			
## 2211	2006-02-28	37.790001	38.090000	37.049999	37.439999
		37.439999			

## 2212	2006-03-01	37.450001	37.689999	36.849998	37.119999
37.119999					
## 2213	2006-03-02	35.639999	37.000000	35.369999	36.880001
36.880001					
## 2214	2006-03-03	36.889999	37.830002	36.669998	37.209999
37.209999					
## 2215	2006-03-06	37.320000	37.580002	36.770000	36.860001
36.860001					
## 2216	2006-03-07	36.709999	37.419998	36.700001	36.930000
36.930000					
## 2217	2006-03-08	36.720001	37.470001	36.610001	36.810001
36.810001					
## 2218	2006-03-09	36.799999	36.959999	35.900002	36.119999
36.119999					
## 2219	2006-03-10	36.240002	36.500000	35.740002	36.220001
36.220001					
## 2220	2006-03-13	36.310001	36.630001	35.970001	36.189999
36.189999					
## 2221	2006-03-14	36.040001	37.000000	36.009998	36.910000
36.910000					
## 2222	2006-03-15	36.950001	37.000000	36.430000	36.889999
36.889999					
## 2223	2006-03-16	37.080002	37.389999	36.740002	36.770000
36.770000					
## 2224	2006-03-17	36.880001	36.980000	35.849998	35.990002
35.990002					
## 2225	2006-03-20	35.919998	37.270000	35.799999	36.230000
36.230000					
## 2226	2006-03-21	35.919998	36.730000	35.660000	35.919998
35.919998					
## 2227	2006-03-22	36.000000	36.540001	35.790001	36.000000
36.000000					
## 2228	2006-03-23	35.959999	36.340000	35.480000	35.680000
35.680000					
## 2229	2006-03-24	35.720001	36.119999	35.310001	35.470001
35.470001					
## 2230	2006-03-27	35.500000	35.660000	35.139999	35.250000
35.250000					
## 2231	2006-03-28	35.209999	36.020000	35.200001	35.689999
35.689999					
## 2232	2006-03-29	35.689999	36.810001	35.310001	36.320000
36.320000					
## 2233	2006-03-30	36.450001	36.900002	36.180000	36.669998
36.669998					
## 2234	2006-03-31	36.680000	36.770000	36.480000	36.529999
36.529999					
## 2235	2006-04-03	36.669998	37.330002	36.099998	36.139999
36.139999					
## 2236	2006-04-04	36.139999	37.099998	36.020000	36.770000
36.770000					

## 2237	2006-04-05	36.660000	37.340000	36.270000	37.340000
		37.340000			
## 2238	2006-04-06	37.200001	38.840000	37.130001	38.509998
		38.509998			
## 2239	2006-04-07	38.549999	38.669998	37.000000	37.090000
		37.090000			
## 2240	2006-04-10	37.150002	37.279999	36.220001	36.610001
		36.610001			
## 2241	2006-04-11	36.610001	36.750000	35.520000	36.060001
		36.060001			
## 2242	2006-04-12	35.910000	36.439999	35.910000	36.130001
		36.130001			
## 2243	2006-04-13	35.950001	36.720001	35.490002	36.619999
		36.619999			
## 2244	2006-04-17	36.470001	36.619999	35.049999	35.270000
		35.270000			
## 2245	2006-04-18	35.389999	36.450001	35.200001	36.279999
		36.279999			
## 2246	2006-04-19	36.119999	36.959999	35.889999	36.889999
		36.889999			
## 2247	2006-04-20	36.700001	37.200001	36.230000	36.340000
		36.340000			
## 2248	2006-04-21	36.619999	36.779999	35.720001	36.029999
		36.029999			
## 2249	2006-04-24	36.119999	36.119999	35.320000	35.790001
		35.790001			
## 2250	2006-04-25	35.590000	35.770000	35.009998	35.549999
		35.549999			
## 2251	2006-04-26	35.340000	36.349998	35.150002	35.790001
		35.790001			
## 2252	2006-04-27	35.509998	35.869999	35.299999	35.740002
		35.740002			
## 2253	2006-04-28	35.770000	35.889999	35.139999	35.209999
		35.209999			
## 2254	2006-05-01	35.189999	35.570000	34.439999	34.590000
		34.590000			
## 2255	2006-05-02	34.639999	34.939999	34.230000	34.380001
		34.380001			
## 2256	2006-05-03	34.290001	34.389999	33.509998	33.959999
		33.959999			
## 2257	2006-05-04	34.619999	34.720001	34.380001	34.470001
		34.470001			
## 2258	2006-05-05	34.650002	35.040001	34.150002	35.040001
		35.040001			
## 2259	2006-05-08	34.990002	35.310001	34.470001	34.689999
		34.689999			
## 2260	2006-05-09	34.419998	35.259998	34.209999	34.840000
		34.840000			
## 2261	2006-05-10	34.680000	35.000000	34.099998	34.160000
		34.160000			

## 2262	2006-05-11	34.119999	34.150002	33.080002	33.529999
33.529999					
## 2263	2006-05-12	33.560001	33.779999	32.549999	32.730000
32.730000					
## 2264	2006-05-15	32.549999	32.849998	32.209999	32.779999
32.779999					
## 2265	2006-05-16	32.840000	33.020000	32.320000	32.759998
32.759998					
## 2266	2006-05-17	32.450001	32.700001	31.530001	31.610001
31.610001					
## 2267	2006-05-18	31.709999	33.639999	31.520000	32.610001
32.610001					
## 2268	2006-05-19	32.660000	34.000000	32.029999	33.939999
33.939999					
## 2269	2006-05-22	33.959999	34.990002	33.180000	34.830002
34.830002					
## 2270	2006-05-23	35.000000	36.000000	33.759998	33.759998
33.759998					
## 2271	2006-05-24	33.410000	35.230000	33.369999	35.189999
35.189999					
## 2272	2006-05-25	35.360001	35.689999	34.599998	35.630001
35.630001					
## 2273	2006-05-26	35.660000	36.500000	35.459999	36.070000
36.070000					
## 2274	2006-05-30	35.730000	35.750000	34.439999	34.639999
34.639999					
## 2275	2006-05-31	34.740002	34.939999	33.730000	34.610001
34.610001					
## 2276	2006-06-01	34.630001	35.450001	34.299999	35.070000
35.070000					
## 2277	2006-06-02	35.189999	35.220001	34.049999	34.759998
34.759998					
## 2278	2006-06-05	34.459999	34.540001	33.270000	33.490002
33.490002					
## 2279	2006-06-06	33.580002	33.799999	32.930000	33.410000
33.410000					
## 2280	2006-06-07	33.400002	34.540001	32.910000	33.770000
33.770000					
## 2281	2006-06-08	33.549999	34.060001	32.419998	33.549999
33.549999					
## 2282	2006-06-09	33.500000	34.349998	33.450001	33.779999
33.779999					
## 2283	2006-06-12	34.000000	34.450001	33.490002	33.599998
33.599998					
## 2284	2006-06-13	33.490002	34.169998	33.130001	33.470001
33.470001					
## 2285	2006-06-14	33.500000	33.990002	33.080002	33.680000
33.680000					
## 2286	2006-06-15	33.840000	35.169998	33.669998	34.959999
34.959999					

## 2287	2006-06-16	34.880001	35.259998	34.700001	35.090000
35.090000					
## 2288	2006-06-19	35.200001	35.480000	35.040001	35.070000
35.070000					
## 2289	2006-06-20	35.009998	35.650002	34.880001	35.480000
35.480000					
## 2290	2006-06-21	35.340000	37.049999	35.340000	36.650002
36.650002					
## 2291	2006-06-22	36.549999	36.849998	36.110001	36.369999
36.369999					
## 2292	2006-06-23	36.459999	36.650002	36.020000	36.549999
36.549999					
## 2293	2006-06-26	36.549999	37.169998	36.430000	36.770000
36.770000					
## 2294	2006-06-27	36.720001	37.500000	36.169998	36.480000
36.480000					
## 2295	2006-06-28	36.700001	37.110001	36.480000	36.700001
36.700001					
## 2296	2006-06-29	36.820000	38.570000	36.700001	38.520000
38.520000					
## 2297	2006-06-30	38.580002	38.840000	37.830002	38.680000
38.680000					
## 2298	2006-07-03	38.520000	38.619999	38.230000	38.610001
38.610001					
## 2299	2006-07-05	38.279999	38.430000	36.779999	37.110001
37.110001					
## 2300	2006-07-06	37.070000	37.740002	36.520000	36.799999
36.799999					
## 2301	2006-07-07	36.709999	37.279999	35.750000	36.110001
36.110001					
## 2302	2006-07-10	36.299999	36.700001	35.400002	35.790001
35.790001					
## 2303	2006-07-11	35.740002	35.919998	35.009998	35.660000
35.660000					
## 2304	2006-07-12	35.599998	35.900002	34.570000	34.630001
34.630001					
## 2305	2006-07-13	34.330002	34.630001	33.709999	33.730000
33.730000					
## 2306	2006-07-14	33.509998	33.730000	32.799999	32.919998
32.919998					
## 2307	2006-07-17	32.790001	33.930000	32.790001	33.669998
33.669998					
## 2308	2006-07-18	33.650002	34.290001	32.959999	33.490002
33.490002					
## 2309	2006-07-19	33.500000	34.770000	33.389999	34.480000
34.480000					
## 2310	2006-07-20	34.389999	34.810001	33.830002	34.180000
34.180000					
## 2311	2006-07-21	33.849998	33.970001	32.919998	33.189999
33.189999					

## 2312	2006-07-24	33.349998	34.680000	33.340000	34.310001
34.310001					
## 2313	2006-07-25	34.000000	34.160000	33.389999	33.590000
33.590000					
## 2314	2006-07-26	28.760000	29.000000	25.959999	26.260000
26.260000					
## 2315	2006-07-27	26.450001	26.799999	26.209999	26.559999
26.559999					
## 2316	2006-07-28	26.799999	27.180000	26.570000	27.170000
27.170000					
## 2317	2006-07-31	27.020000	27.290001	26.740000	26.889999
26.889999					
## 2318	2006-08-01	26.549999	26.639999	25.840000	26.320000
26.320000					
## 2319	2006-08-02	26.150000	26.299999	25.889999	26.090000
26.090000					
## 2320	2006-08-03	26.090000	26.900000	25.900000	26.690001
26.690001					
## 2321	2006-08-04	26.940001	27.590000	26.799999	27.290001
27.290001					
## 2322	2006-08-07	27.190001	27.290001	26.590000	26.780001
26.780001					
## 2323	2006-08-08	26.799999	27.020000	26.190001	26.360001
26.360001					
## 2324	2006-08-09	26.540001	26.700001	26.000000	26.209999
26.209999					
## 2325	2006-08-10	26.200001	26.520000	25.879999	26.490000
26.490000					
## 2326	2006-08-11	26.430000	26.430000	25.760000	26.070000
26.070000					
## 2327	2006-08-14	26.219999	27.059999	26.180000	26.530001
26.530001					
## 2328	2006-08-15	26.969999	27.860001	26.620001	27.770000
27.770000					
## 2329	2006-08-16	27.969999	28.139999	27.520000	27.950001
27.950001					
## 2330	2006-08-17	27.959999	29.750000	27.830000	29.090000
29.090000					
## 2331	2006-08-18	29.090000	29.230000	28.219999	29.120001
29.120001					
## 2332	2006-08-21	28.700001	28.980000	27.969999	28.129999
28.129999					
## 2333	2006-08-22	28.139999	28.889999	28.049999	28.370001
28.370001					
## 2334	2006-08-23	28.559999	28.889999	27.770000	28.139999
28.139999					
## 2335	2006-08-24	28.240000	28.250000	27.540001	27.969999
27.969999					
## 2336	2006-08-25	27.790001	28.230000	27.620001	28.030001
28.030001					

## 2337	2006-08-28	28.400000	29.000000	28.270000	28.910000
		28.910000			
## 2338	2006-08-29	28.969999	29.719999	28.750000	29.520000
		29.520000			
## 2339	2006-08-30	29.570000	30.850000	29.480000	30.670000
		30.670000			
## 2340	2006-08-31	30.750000	30.990000	30.469999	30.830000
		30.830000			
## 2341	2006-09-01	30.850000	31.799999	30.850000	31.760000
		31.760000			
## 2342	2006-09-05	31.610001	32.299999	31.240000	32.230000
		32.230000			
## 2343	2006-09-06	31.760000	31.980000	30.650000	30.799999
		30.799999			
## 2344	2006-09-07	30.570000	30.639999	29.680000	29.730000
		29.730000			
## 2345	2006-09-08	30.190001	30.660000	29.940001	30.510000
		30.510000			
## 2346	2006-09-11	30.230000	31.129999	29.719999	30.790001
		30.790001			
## 2347	2006-09-12	30.870001	31.940001	30.530001	31.719999
		31.719999			
## 2348	2006-09-13	31.730000	31.959999	31.370001	31.670000
		31.670000			
## 2349	2006-09-14	31.540001	31.870001	31.180000	31.650000
		31.650000			
## 2350	2006-09-15	31.900000	32.740002	31.580000	32.520000
		32.520000			
## 2351	2006-09-18	32.450001	32.669998	31.879999	32.080002
		32.080002			
## 2352	2006-09-19	32.240002	32.299999	30.820000	31.580000
		31.580000			
## 2353	2006-09-20	31.809999	32.810001	31.799999	32.119999
		32.119999			
## 2354	2006-09-21	32.240002	32.560001	30.070000	30.219999
		30.219999			
## 2355	2006-09-22	30.219999	30.950001	29.900000	30.840000
		30.840000			
## 2356	2006-09-25	31.049999	31.969999	30.740000	31.790001
		31.790001			
## 2357	2006-09-26	31.889999	32.590000	31.799999	32.500000
		32.500000			
## 2358	2006-09-27	32.279999	32.459999	31.930000	32.330002
		32.330002			
## 2359	2006-09-28	32.270000	32.330002	31.219999	31.840000
		31.840000			
## 2360	2006-09-29	32.009998	32.340000	31.540001	32.119999
		32.119999			
## 2361	2006-10-02	31.980000	32.029999	30.830000	30.870001
		30.870001			

## 2362	2006-10-03	30.900000	32.000000	30.580000	31.700001
31.70001					
## 2363	2006-10-04	31.750000	32.830002	31.299999	32.759998
32.75998					
## 2364	2006-10-05	32.680000	33.400002	32.400002	33.320000
33.32000					
## 2365	2006-10-06	33.150002	33.220001	32.500000	32.590000
32.59000					
## 2366	2006-10-09	32.490002	33.480000	32.450001	33.380001
33.38001					
## 2367	2006-10-10	33.270000	33.580002	32.490002	32.619999
32.61999					
## 2368	2006-10-11	32.610001	33.150002	32.270000	32.910000
32.91000					
## 2369	2006-10-12	33.099998	33.709999	32.630001	33.549999
33.54999					
## 2370	2006-10-13	33.349998	33.580002	33.080002	33.320000
33.32000					
## 2371	2006-10-16	32.849998	33.200001	32.549999	32.599998
32.59998					
## 2372	2006-10-17	32.200001	32.610001	31.750000	32.470001
32.47001					
## 2373	2006-10-18	32.570000	32.779999	32.000000	32.310001
32.31001					
## 2374	2006-10-19	32.169998	32.840000	32.099998	32.540001
32.54001					
## 2375	2006-10-20	32.689999	32.689999	32.209999	32.570000
32.57000					
## 2376	2006-10-23	32.470001	32.910000	32.139999	32.880001
32.88001					
## 2377	2006-10-24	32.869999	38.000000	32.860001	33.630001
33.63001					
## 2378	2006-10-25	37.299999	37.980000	36.040001	37.680000
37.68000					
## 2379	2006-10-26	37.250000	38.490002	37.180000	38.299999
38.29999					
## 2380	2006-10-27	38.150002	38.380001	37.660000	38.240002
38.24000					
## 2381	2006-10-30	38.049999	38.340000	37.680000	38.150002
38.15000					
## 2382	2006-10-31	38.220001	38.590000	37.799999	38.090000
38.09000					
## 2383	2006-11-01	38.130001	38.200001	37.459999	37.560001
37.56001					
## 2384	2006-11-02	37.330002	37.770000	37.110001	37.450001
37.45000					
## 2385	2006-11-03	37.610001	37.709999	36.869999	37.459999
37.45999					
## 2386	2006-11-06	37.639999	38.349998	37.529999	38.209999
38.20999					

## 2387 2006-11-07	38.200001	39.000000	38.040001	38.770000
38.770000				
## 2388 2006-11-08	38.580002	39.480000	38.459999	39.470001
39.470001				
## 2389 2006-11-09	39.500000	39.770000	38.810001	38.840000
38.840000				
## 2390 2006-11-10	38.790001	39.360001	38.759998	39.259998
39.259998				
## 2391 2006-11-13	39.230000	40.000000	39.130001	39.990002
39.990002				
## 2392 2006-11-14	40.110001	41.669998	39.619999	41.509998
41.509998				
## 2393 2006-11-15	41.500000	43.099998	41.500000	42.599998
42.599998				
## 2394 2006-11-16	42.450001	42.950001	42.400002	42.840000
42.840000				
## 2395 2006-11-17	42.549999	42.669998	42.220001	42.549999
42.549999				
## 2396 2006-11-20	42.349998	42.549999	41.939999	42.439999
42.439999				
## 2397 2006-11-21	42.549999	43.250000	42.119999	42.540001
42.540001				
## 2398 2006-11-22	42.500000	42.980000	42.180000	42.959999
42.959999				
## 2399 2006-11-24	42.560001	42.939999	42.310001	42.410000
42.410000				
## 2400 2006-11-27	42.180000	42.799999	40.720001	40.849998
40.849998				
## 2401 2006-11-28	40.750000	41.070000	40.299999	40.919998
40.919998				
## 2402 2006-11-29	40.480000	41.099998	40.000000	40.630001
40.630001				
## 2403 2006-11-30	40.419998	40.639999	39.849998	40.340000
40.340000				
## 2404 2006-12-01	40.259998	40.540001	39.090000	39.410000
39.410000				
## 2405 2006-12-04	39.310001	39.480000	38.869999	39.099998
39.099998				
## 2406 2006-12-05	39.130001	39.299999	38.720001	38.980000
38.980000				
## 2407 2006-12-06	38.770000	39.580002	38.639999	38.900002
38.900002				
## 2408 2006-12-07	38.930000	39.090000	38.049999	38.119999
38.119999				
## 2409 2006-12-08	37.919998	38.950001	37.700001	38.459999
38.459999				
## 2410 2006-12-11	38.220001	39.150002	38.080002	38.689999
38.689999				
## 2411 2006-12-12	38.439999	38.939999	38.150002	38.459999
38.459999				

## 2412	2006-12-13	38.610001	39.189999	38.189999	38.500000
38.500000					
## 2413	2006-12-14	38.740002	39.540001	38.599998	39.020000
39.020000					
## 2414	2006-12-15	39.380001	40.189999	39.230000	40.009998
40.009998					
## 2415	2006-12-18	40.200001	40.639999	38.860001	39.259998
39.259998					
## 2416	2006-12-19	38.779999	39.720001	38.230000	39.419998
39.419998					
## 2417	2006-12-20	39.430000	40.299999	39.389999	40.009998
40.009998					
## 2418	2006-12-21	39.869999	40.340000	39.650002	39.889999
39.889999					
## 2419	2006-12-22	39.980000	40.509998	39.910000	40.240002
40.240002					
## 2420	2006-12-26	40.130001	40.130001	39.419998	39.799999
39.799999					
## 2421	2006-12-27	39.860001	40.470001	39.799999	40.290001
40.290001					
## 2422	2006-12-28	40.380001	40.630001	39.919998	40.209999
40.209999					
## 2423	2006-12-29	40.060001	40.250000	39.349998	39.459999
39.459999					
## 2424	2007-01-03	38.680000	39.060001	38.049999	38.700001
38.700001					
## 2425	2007-01-04	38.590000	39.139999	38.259998	38.900002
38.900002					
## 2426	2007-01-05	38.720001	38.790001	37.599998	38.369999
38.369999					
## 2427	2007-01-08	38.220001	38.310001	37.169998	37.500000
37.500000					
## 2428	2007-01-09	37.599998	38.060001	37.340000	37.779999
37.779999					
## 2429	2007-01-10	37.490002	37.700001	37.070000	37.150002
37.150002					
## 2430	2007-01-11	37.169998	38.000000	37.169998	37.400002
37.400002					
## 2431	2007-01-12	37.360001	38.209999	37.270000	38.200001
38.200001					
## 2432	2007-01-16	38.400002	38.889999	37.970001	38.660000
38.660000					
## 2433	2007-01-17	38.700001	39.000000	37.779999	37.880001
37.880001					
## 2434	2007-01-18	37.500000	37.650002	36.720001	36.980000
36.980000					
## 2435	2007-01-19	36.689999	37.480000	36.599998	37.020000
37.020000					
## 2436	2007-01-22	37.650002	37.900002	36.799999	36.950001
36.950001					

## 2437	2007-01-23	36.900002	37.070000	36.299999	36.430000
36.430000					
## 2438	2007-01-24	36.509998	37.360001	36.500000	37.259998
37.259998					
## 2439	2007-01-25	38.080002	38.230000	36.779999	37.080002
37.080002					
## 2440	2007-01-26	37.259998	37.259998	36.299999	36.849998
36.849998					
## 2441	2007-01-29	36.700001	37.450001	36.540001	37.430000
37.430000					
## 2442	2007-01-30	37.290001	37.419998	36.630001	37.049999
37.049999					
## 2443	2007-01-31	36.950001	38.189999	36.759998	37.669998
37.669998					
## 2444	2007-02-01	37.950001	39.299999	37.849998	38.700001
38.700001					
## 2445	2007-02-02	37.230000	37.740002	36.680000	37.389999
37.389999					
## 2446	2007-02-05	37.250000	37.419998	36.770000	37.160000
37.160000					
## 2447	2007-02-06	37.200001	38.410000	37.080002	38.270000
38.270000					
## 2448	2007-02-07	38.490002	39.520000	38.400002	38.980000
38.980000					
## 2449	2007-02-08	38.950001	39.509998	38.669998	39.099998
39.099998					
## 2450	2007-02-09	39.189999	39.310001	38.660000	38.720001
38.720001					
## 2451	2007-02-12	38.790001	38.990002	38.360001	38.849998
38.849998					
## 2452	2007-02-13	38.849998	39.610001	38.849998	39.310001
39.310001					
## 2453	2007-02-14	39.230000	40.279999	39.139999	40.139999
40.139999					
## 2454	2007-02-15	40.139999	40.320000	39.860001	40.060001
40.060001					
## 2455	2007-02-16	39.900002	40.439999	39.869999	40.330002
40.330002					
## 2456	2007-02-20	40.130001	41.740002	40.000000	41.509998
41.509998					
## 2457	2007-02-21	41.189999	41.320000	40.919998	41.259998
41.259998					
## 2458	2007-02-22	41.400002	42.000000	40.889999	41.000000
41.000000					
## 2459	2007-02-23	41.000000	41.200001	40.740002	40.779999
40.779999					
## 2460	2007-02-26	40.860001	41.200001	40.400002	40.880001
40.880001					
## 2461	2007-02-27	40.189999	40.540001	38.779999	38.830002
38.830002					

## 2462	2007-02-28	38.910000	39.580002	38.080002	39.139999
39.139999					
## 2463	2007-03-01	39.320000	39.320000	38.049999	38.849998
38.849998					
## 2464	2007-03-02	38.320000	38.869999	37.689999	37.689999
37.689999					
## 2465	2007-03-05	37.150002	38.320000	37.040001	37.049999
37.049999					
## 2466	2007-03-06	37.689999	38.660000	37.410000	38.580002
38.580002					
## 2467	2007-03-07	38.680000	39.320000	38.279999	38.360001
38.360001					
## 2468	2007-03-08	38.770000	39.220001	37.980000	38.099998
38.099998					
## 2469	2007-03-09	38.480000	38.889999	38.000000	38.840000
38.840000					
## 2470	2007-03-12	38.639999	39.049999	38.380001	38.810001
38.810001					
## 2471	2007-03-13	38.299999	38.880001	37.689999	37.820000
37.820000					
## 2472	2007-03-14	37.759998	38.220001	37.259998	38.080002
38.080002					
## 2473	2007-03-15	38.099998	38.290001	37.549999	37.779999
37.779999					
## 2474	2007-03-16	37.720001	38.080002	37.520000	37.849998
37.849998					
## 2475	2007-03-19	38.000000	38.540001	38.000000	38.450001
38.450001					
## 2476	2007-03-20	38.529999	38.689999	38.230000	38.580002
38.580002					
## 2477	2007-03-21	38.549999	39.799999	38.310001	39.799999
39.799999					
## 2478	2007-03-22	39.480000	39.720001	38.910000	39.490002
39.490002					
## 2479	2007-03-23	39.560001	39.599998	38.980000	38.980000
38.980000					
## 2480	2007-03-26	38.980000	39.049999	38.430000	39.009998
39.009998					
## 2481	2007-03-27	38.820000	39.419998	38.759998	39.369999
39.369999					
## 2482	2007-03-28	39.090000	39.509998	38.740002	39.340000
39.340000					
## 2483	2007-03-29	39.650002	39.919998	39.299999	39.810001
39.810001					
## 2484	2007-03-30	39.750000	40.240002	39.419998	39.790001
39.790001					
## 2485	2007-04-02	39.849998	40.470001	39.549999	40.419998
40.419998					
## 2486	2007-04-03	40.419998	41.380001	40.400002	41.189999
41.189999					

## 2487	2007-04-04	41.220001	41.549999	40.919998	41.529999
41.529999					
## 2488	2007-04-05	41.570000	41.759998	41.439999	41.680000
41.680000					
## 2489	2007-04-09	41.720001	42.139999	41.610001	41.660000
41.660000					
## 2490	2007-04-10	41.570000	41.959999	41.459999	41.860001
41.860001					
## 2491	2007-04-11	41.730000	41.869999	41.240002	41.680000
41.680000					
## 2492	2007-04-12	41.730000	42.369999	41.400002	42.270000
42.270000					
## 2493	2007-04-13	42.189999	42.500000	41.930000	42.410000
42.410000					
## 2494	2007-04-16	43.770000	45.299999	43.669998	45.200001
45.200001					
## 2495	2007-04-17	45.279999	45.320000	44.750000	45.070000
45.070000					
## 2496	2007-04-18	44.799999	45.150002	44.630001	44.990002
44.990002					
## 2497	2007-04-19	44.610001	45.150002	44.410000	44.639999
44.639999					
## 2498	2007-04-20	45.090000	45.169998	44.520000	44.950001
44.950001					
## 2499	2007-04-23	44.270000	44.810001	44.160000	44.770000
44.770000					
## 2500	2007-04-24	44.750000	45.000000	44.430000	44.750000
44.750000					
## 2501	2007-04-25	53.119999	57.180000	52.950001	56.810001
56.810001					
## 2502	2007-04-26	56.500000	63.040001	56.070000	62.779999
62.779999					
## 2503	2007-04-27	61.240002	63.840000	60.619999	62.599998
62.599998					
## 2504	2007-04-30	61.910000	62.439999	61.180000	61.330002
61.330002					
## 2505	2007-05-01	61.119999	62.040001	60.279999	62.040001
62.040001					
## 2506	2007-05-02	61.680000	62.250000	60.900002	61.180000
61.180000					
## 2507	2007-05-03	61.080002	62.540001	60.759998	62.189999
62.189999					
## 2508	2007-05-04	62.389999	63.750000	62.349998	63.230000
63.230000					
## 2509	2007-05-07	62.430000	63.230000	60.709999	60.820000
60.820000					
## 2510	2007-05-08	60.540001	61.840000	59.700001	61.830002
61.830002					
## 2511	2007-05-09	62.000000	62.950001	61.299999	62.849998
62.849998					

## 2512	2007-05-10	62.439999	62.650002	60.849998	60.919998
60.919998					
## 2513	2007-05-11	60.959999	61.599998	60.560001	61.560001
61.560001					
## 2514	2007-05-14	61.680000	61.740002	60.599998	61.700001
61.700001					
## 2515	2007-05-15	61.400002	61.970001	60.520000	60.580002
60.580002					
## 2516	2007-05-16	61.020000	63.340000	60.099998	63.220001
63.220001					
## 2517	2007-05-17	62.880001	63.520000	62.020000	62.169998
62.169998					
## 2518	2007-05-18	62.480000	63.299999	62.279999	63.299999
63.299999					
## 2519	2007-05-21	63.580002	68.680000	63.299999	68.300003
68.300003					
## 2520	2007-05-22	68.480003	69.070000	67.209999	68.879997
68.879997					
## 2521	2007-05-23	69.209999	73.309998	68.790001	69.000000
69.000000					
## 2522	2007-05-24	69.040001	70.419998	67.709999	69.349998
69.349998					
## 2523	2007-05-25	69.690002	69.699997	68.250000	68.550003
68.550003					
## 2524	2007-05-29	68.430000	69.779999	67.720001	69.629997
69.629997					
## 2525	2007-05-30	69.059998	70.080002	68.860001	69.860001
69.860001					
## 2526	2007-05-31	70.680000	70.739998	68.570000	69.139999
69.139999					
## 2527	2007-06-01	68.900002	69.300003	68.349998	68.580002
68.580002					
## 2528	2007-06-04	68.250000	70.650002	67.650002	70.419998
70.419998					
## 2529	2007-06-05	71.099998	74.239998	70.860001	73.650002
73.650002					
## 2530	2007-06-06	73.139999	73.750000	71.860001	72.290001
72.290001					
## 2531	2007-06-07	72.570000	74.720001	70.879997	72.040001
72.040001					
## 2532	2007-06-08	72.470001	73.239998	71.050003	73.239998
73.239998					
## 2533	2007-06-11	73.000000	73.050003	71.000000	71.169998
71.169998					
## 2534	2007-06-12	70.440002	70.760002	69.419998	70.070000
70.070000					
## 2535	2007-06-13	70.900002	71.889999	69.250000	70.889999
70.889999					
## 2536	2007-06-14	70.900002	72.120003	70.800003	71.940002
71.940002					

## 2537	2007-06-15	72.849998	72.870003	71.190002	72.400002
72.400002					
## 2538	2007-06-18	72.339996	72.639999	71.400002	71.830002
71.830002					
## 2539	2007-06-19	71.550003	71.660004	69.680000	69.809998
69.809998					
## 2540	2007-06-20	70.250000	70.500000	69.050003	69.099998
69.099998					
## 2541	2007-06-21	69.160004	69.769997	68.660004	69.669998
69.669998					
## 2542	2007-06-22	69.550003	69.879997	68.419998	68.860001
68.860001					
## 2543	2007-06-25	69.349998	69.629997	68.300003	68.660004
68.660004					
## 2544	2007-06-26	68.529999	68.629997	67.379997	67.480003
67.480003					
## 2545	2007-06-27	66.959999	68.209999	66.709999	68.139999
68.139999					
## 2546	2007-06-28	68.459999	70.230003	68.150002	68.889999
68.889999					
## 2547	2007-06-29	69.029999	69.190002	68.150002	68.410004
68.410004					
## 2548	2007-07-02	68.809998	69.709999	68.199997	69.610001
69.610001					
## 2549	2007-07-03	70.040001	70.050003	69.019997	69.449997
69.449997					
## 2550	2007-07-05	69.360001	69.650002	68.059998	68.730003
68.730003					
## 2551	2007-07-06	68.750000	69.300003	68.010002	68.970001
68.970001					
## 2552	2007-07-09	69.379997	72.349998	69.019997	72.070000
72.070000					
## 2553	2007-07-10	71.650002	71.940002	70.070000	70.279999
70.279999					
## 2554	2007-07-11	70.580002	71.650002	70.150002	70.730003
70.730003					
## 2555	2007-07-12	71.309998	73.570000	70.730003	72.790001
72.790001					
## 2556	2007-07-13	73.080002	75.349998	72.970001	75.099998
75.099998					
## 2557	2007-07-16	74.730003	74.839996	73.000000	73.690002
73.690002					
## 2558	2007-07-17	74.389999	74.519997	73.589996	73.790001
73.790001					
## 2559	2007-07-18	73.269997	73.489998	72.250000	73.320000
73.320000					
## 2560	2007-07-19	74.239998	74.320000	73.120003	73.349998
73.349998					
## 2561	2007-07-20	72.620003	72.959999	70.500000	71.629997
71.629997					

## 2562	2007-07-23	71.779999	72.669998	70.849998	71.739998
71.739998					
## 2563	2007-07-24	71.040001	72.160004	68.849998	69.250000
69.250000					
## 2564	2007-07-25	84.660004	88.800003	83.650002	86.180000
86.180000					
## 2565	2007-07-26	85.019997	89.000000	83.430000	84.010002
84.010002					
## 2566	2007-07-27	84.269997	85.330002	82.480003	84.040001
84.040001					
## 2567	2007-07-30	83.000000	84.050003	81.510002	82.699997
82.699997					
## 2568	2007-07-31	83.699997	83.730003	78.000000	78.540001
78.540001					
## 2569	2007-08-01	78.099998	78.150002	75.059998	77.309998
77.309998					
## 2570	2007-08-02	77.860001	79.760002	76.120003	79.709999
79.709999					
## 2571	2007-08-03	79.540001	80.750000	76.709999	76.800003
76.800003					
## 2572	2007-08-06	77.059998	79.000000	76.599998	79.000000
79.000000					
## 2573	2007-08-07	78.550003	80.000000	77.889999	79.139999
79.139999					
## 2574	2007-08-08	79.769997	79.879997	76.559998	77.779999
77.779999					
## 2575	2007-08-09	76.400002	77.260002	74.110001	74.110001
74.110001					
## 2576	2007-08-10	73.150002	76.500000	72.370003	74.779999
74.779999					
## 2577	2007-08-13	76.089996	76.320000	74.699997	74.870003
74.870003					
## 2578	2007-08-14	74.790001	74.790001	72.919998	73.449997
73.449997					
## 2579	2007-08-15	73.019997	75.150002	72.260002	72.379997
72.379997					
## 2580	2007-08-16	72.000000	73.239998	70.050003	72.790001
72.790001					
## 2581	2007-08-17	74.489998	75.040001	73.110001	75.019997
75.019997					
## 2582	2007-08-20	74.980003	75.279999	73.800003	74.699997
74.699997					
## 2583	2007-08-21	74.209999	77.830002	74.089996	77.489998
77.489998					
## 2584	2007-08-22	78.239998	79.489998	77.839996	78.500000
78.500000					
## 2585	2007-08-23	78.940002	79.000000	76.510002	77.300003
77.300003					
## 2586	2007-08-24	76.800003	79.400002	76.690002	79.250000
79.250000					

## 2587	2007-08-27	80.559998	80.800003	78.419998	78.650002
78.650002					
## 2588	2007-08-28	77.860001	78.650002	76.080002	76.220001
76.220001					
## 2589	2007-08-29	76.959999	79.050003	76.860001	79.050003
79.050003					
## 2590	2007-08-30	78.400002	80.110001	78.300003	78.680000
78.680000					
## 2591	2007-08-31	80.000000	80.529999	79.699997	79.910004
79.910004					
## 2592	2007-09-04	79.900002	83.529999	79.730003	82.699997
82.699997					
## 2593	2007-09-05	82.239998	84.889999	82.220001	83.750000
83.750000					
## 2594	2007-09-06	84.500000	86.459999	82.849998	86.209999
86.209999					
## 2595	2007-09-07	84.699997	84.970001	83.209999	84.519997
84.519997					
## 2596	2007-09-10	84.930000	85.160004	82.510002	83.339996
83.339996					
## 2597	2007-09-11	84.169998	86.610001	83.529999	86.279999
86.279999					
## 2598	2007-09-12	86.070000	88.889999	85.970001	87.300003
87.300003					
## 2599	2007-09-13	87.949997	88.070000	86.500000	87.260002
87.260002					
## 2600	2007-09-14	86.410004	88.089996	86.309998	87.769997
87.769997					
## 2601	2007-09-17	86.980003	87.339996	85.980003	86.910004
86.910004					
## 2602	2007-09-18	87.379997	91.599998	86.709999	88.750000
88.750000					
## 2603	2007-09-19	89.519997	89.820000	88.260002	89.000000
89.000000					
## 2604	2007-09-20	88.900002	90.419998	88.820000	89.650002
89.650002					
## 2605	2007-09-21	90.290001	91.900002	89.650002	91.300003
91.300003					
## 2606	2007-09-24	91.300003	93.750000	90.809998	92.589996
92.589996					
## 2607	2007-09-25	91.989998	93.500000	90.949997	93.480003
93.480003					
## 2608	2007-09-26	94.040001	94.260002	92.290001	93.430000
93.430000					
## 2609	2007-09-27	94.070000	94.110001	93.110001	93.379997
93.379997					
## 2610	2007-09-28	92.769997	93.599998	91.699997	93.150002
93.150002					
## 2611	2007-10-01	93.419998	94.099998	92.830002	93.410004
93.410004					

## 2612	2007-10-02	93.860001	93.900002	91.400002	92.360001
92.360001					
## 2613	2007-10-03	92.190002	92.800003	91.779999	92.459999
92.459999					
## 2614	2007-10-04	92.550003	92.570000	91.449997	92.260002
92.260002					
## 2615	2007-10-05	93.550003	93.709999	92.339996	93.430000
93.430000					
## 2616	2007-10-08	94.220001	95.849998	94.000000	95.849998
95.849998					
## 2617	2007-10-09	96.589996	96.730003	94.750000	95.320000
95.320000					
## 2618	2007-10-10	95.500000	95.750000	94.370003	94.660004
94.660004					
## 2619	2007-10-11	95.330002	95.739998	88.129997	89.339996
89.339996					
## 2620	2007-10-12	89.419998	92.389999	88.919998	92.370003
92.370003					
## 2621	2007-10-15	91.800003	92.120003	90.099998	90.529999
90.529999					
## 2622	2007-10-16	88.690002	90.050003	88.500000	89.529999
89.529999					
## 2623	2007-10-17	91.900002	91.900002	89.059998	90.550003
90.550003					
## 2624	2007-10-18	89.370003	90.430000	89.150002	89.849998
89.849998					
## 2625	2007-10-19	89.930000	90.650002	89.320000	89.760002
89.760002					
## 2626	2007-10-22	89.250000	91.690002	89.019997	91.290001
91.290001					
## 2627	2007-10-23	95.279999	101.089996	94.209999	100.820000
100.820000					
## 2628	2007-10-24	90.870003	90.879997	83.269997	88.730003
88.730003					
## 2629	2007-10-25	88.230003	89.500000	86.320000	88.209999
88.209999					
## 2630	2007-10-26	89.000000	90.879997	87.699997	90.000000
90.000000					
## 2631	2007-10-29	90.410004	91.470001	89.480003	90.099998
90.099998					
## 2632	2007-10-30	89.669998	90.650002	88.050003	88.239998
88.239998					
## 2633	2007-10-31	88.050003	89.599998	87.000000	89.150002
89.150002					
## 2634	2007-11-01	87.750000	89.580002	86.500000	87.650002
87.650002					
## 2635	2007-11-02	87.970001	88.120003	83.500000	85.980003
85.980003					
## 2636	2007-11-05	84.349998	86.019997	82.760002	84.370003
84.370003					

## 2637	2007-11-06	84.610001	87.500000	84.370003	87.269997
87.269997					
## 2638	2007-11-07	86.410004	89.160004	86.160004	87.040001
87.040001					
## 2639	2007-11-08	86.800003	86.959999	81.400002	83.580002
83.580002					
## 2640	2007-11-09	82.419998	82.419998	78.839996	78.889999
78.889999					
## 2641	2007-11-12	78.260002	80.089996	76.500000	77.000000
77.000000					
## 2642	2007-11-13	77.910004	80.050003	77.800003	79.860001
79.860001					
## 2643	2007-11-14	80.400002	81.150002	78.150002	78.510002
78.510002					
## 2644	2007-11-15	79.430000	79.730003	76.699997	77.849998
77.849998					
## 2645	2007-11-16	77.010002	78.989998	76.629997	78.599998
78.599998					
## 2646	2007-11-19	78.830002	79.750000	77.940002	79.180000
79.180000					
## 2647	2007-11-20	79.860001	82.000000	78.309998	80.389999
80.389999					
## 2648	2007-11-21	79.239998	80.860001	78.650002	79.760002
79.760002					
## 2649	2007-11-23	80.110001	81.449997	78.980003	81.430000
81.430000					
## 2650	2007-11-26	82.300003	84.489998	81.139999	81.300003
81.300003					
## 2651	2007-11-27	82.919998	85.650002	82.209999	85.589996
85.589996					
## 2652	2007-11-28	87.550003	90.570000	86.750000	90.300003
90.300003					
## 2653	2007-11-29	89.889999	91.470001	88.680000	89.150002
89.150002					
## 2654	2007-11-30	90.559998	91.080002	88.309998	90.559998
90.559998					
## 2655	2007-12-03	90.029999	92.250000	89.769997	90.910004
90.910004					
## 2656	2007-12-04	90.040001	94.559998	90.040001	94.410004
94.410004					
## 2657	2007-12-05	94.989998	94.989998	91.980003	93.190002
93.190002					
## 2658	2007-12-06	93.279999	95.000000	92.830002	94.209999
94.209999					
## 2659	2007-12-07	94.559998	94.680000	92.910004	94.309998
94.309998					
## 2660	2007-12-10	94.309998	94.349998	92.300003	93.019997
93.019997					
## 2661	2007-12-11	93.099998	95.940002	90.750000	90.750000
90.750000					

## 2662	2007-12-12	92.839996	93.750000	89.320000	91.279999
91.279999					
## 2663	2007-12-13	91.050003	93.000000	90.629997	92.400002
92.400002					
## 2664	2007-12-14	90.769997	91.239998	88.930000	89.080002
89.080002					
## 2665	2007-12-17	89.010002	89.059998	84.989998	85.089996
85.089996					
## 2666	2007-12-18	85.830002	87.459999	83.860001	86.889999
86.889999					
## 2667	2007-12-19	86.940002	89.949997	86.830002	89.379997
89.379997					
## 2668	2007-12-20	90.139999	90.750000	89.089996	90.580002
90.580002					
## 2669	2007-12-21	91.470001	92.279999	90.389999	91.260002
91.260002					
## 2670	2007-12-24	91.050003	91.559998	90.300003	91.010002
91.010002					
## 2671	2007-12-26	91.480003	93.940002	90.500000	92.849998
92.849998					
## 2672	2007-12-27	92.669998	95.290001	92.500000	94.250000
94.250000					
## 2673	2007-12-28	95.269997	95.900002	92.099998	94.449997
94.449997					
## 2674	2007-12-31	93.809998	94.370003	92.449997	92.639999
92.639999					
## 2675	2008-01-02	95.349998	97.430000	94.699997	96.250000
96.250000					
## 2676	2008-01-03	96.059998	97.250000	94.519997	95.209999
95.209999					
## 2677	2008-01-04	93.260002	93.400002	88.500000	88.790001
88.790001					
## 2678	2008-01-07	88.620003	90.570000	85.470001	88.820000
88.820000					
## 2679	2008-01-08	87.550003	91.830002	86.930000	87.879997
87.879997					
## 2680	2008-01-09	87.559998	87.800003	80.239998	85.220001
85.220001					
## 2681	2008-01-10	83.980003	85.970001	82.970001	84.260002
84.260002					
## 2682	2008-01-11	84.029999	84.029999	80.290001	81.080002
81.080002					
## 2683	2008-01-14	82.180000	83.320000	78.870003	82.870003
82.870003					
## 2684	2008-01-15	80.489998	81.010002	78.510002	80.239998
80.239998					
## 2685	2008-01-16	79.580002	82.360001	78.440002	80.349998
80.349998					
## 2686	2008-01-17	80.160004	82.250000	79.540001	80.120003
80.120003					

## 2687	2008-01-18	79.930000	82.309998	78.040001	79.760002
79.760002					
## 2688	2008-01-22	73.580002	79.720001	72.220001	78.480003
78.480003					
## 2689	2008-01-23	75.599998	76.800003	69.949997	73.970001
73.970001					
## 2690	2008-01-24	74.529999	77.879997	74.190002	77.669998
77.669998					
## 2691	2008-01-25	78.690002	81.430000	76.330002	77.599998
77.599998					
## 2692	2008-01-28	76.910004	77.400002	74.339996	75.820000
75.820000					
## 2693	2008-01-29	75.769997	75.900002	72.059998	73.949997
73.949997					
## 2694	2008-01-30	73.540001	77.419998	73.250000	74.209999
74.209999					
## 2695	2008-01-31	68.910004	78.870003	68.839996	77.699997
77.699997					
## 2696	2008-02-01	79.019997	79.400002	73.370003	74.629997
74.629997					
## 2697	2008-02-04	74.500000	76.660004	73.900002	73.949997
73.949997					
## 2698	2008-02-05	72.800003	74.209999	72.000000	72.089996
72.089996					
## 2699	2008-02-06	72.300003	72.430000	68.169998	68.489998
68.489998					
## 2700	2008-02-07	67.370003	72.709999	67.220001	70.910004
70.910004					
## 2701	2008-02-08	73.400002	74.599998	72.519997	73.500000
73.500000					
## 2702	2008-02-11	73.139999	75.959999	72.769997	75.190002
75.190002					
## 2703	2008-02-12	75.430000	77.050003	73.790001	74.449997
74.449997					
## 2704	2008-02-13	74.989998	78.849998	73.269997	77.730003
77.730003					
## 2705	2008-02-14	77.730003	77.879997	75.180000	75.800003
75.800003					
## 2706	2008-02-15	75.000000	75.190002	71.940002	72.959999
72.959999					
## 2707	2008-02-19	73.540001	74.000000	71.550003	72.080002
72.080002					
## 2708	2008-02-20	71.900002	73.879997	71.099998	73.639999
73.639999					
## 2709	2008-02-21	73.940002	74.209999	69.370003	69.900002
69.900002					
## 2710	2008-02-22	70.540001	72.209999	69.860001	72.080002
72.080002					
## 2711	2008-02-25	72.349998	73.500000	71.410004	73.269997
73.269997					

## 2712	2008-02-26	71.910004	73.500000	70.279999	71.690002
71.690002					
## 2713	2008-02-27	70.680000	71.480003	69.570000	70.870003
70.870003					
## 2714	2008-02-28	70.300003	70.599998	67.110001	67.849998
67.849998					
## 2715	2008-02-29	67.010002	67.500000	63.970001	64.470001
64.470001					
## 2716	2008-03-03	63.590000	64.489998	61.200001	62.430000
62.430000					
## 2717	2008-03-04	61.669998	66.599998	61.230000	65.339996
65.339996					
## 2718	2008-03-05	65.660004	66.339996	63.820000	64.989998
64.989998					
## 2719	2008-03-06	64.750000	65.459999	62.500000	62.740002
62.740002					
## 2720	2008-03-07	62.200001	64.870003	62.009998	64.089996
64.089996					
## 2721	2008-03-10	63.900002	65.150002	62.910000	63.470001
63.470001					
## 2722	2008-03-11	65.949997	67.169998	63.709999	67.150002
67.150002					
## 2723	2008-03-12	66.769997	68.230003	65.639999	66.510002
66.510002					
## 2724	2008-03-13	65.110001	69.550003	64.370003	68.320000
68.320000					
## 2725	2008-03-14	68.610001	70.680000	66.059998	68.220001
68.220001					
## 2726	2008-03-17	65.720001	67.790001	64.919998	66.529999
66.529999					
## 2727	2008-03-18	68.250000	71.930000	67.589996	71.699997
71.699997					
## 2728	2008-03-19	71.099998	74.000000	70.169998	70.169998
70.169998					
## 2729	2008-03-20	70.169998	73.489998	69.379997	73.190002
73.190002					
## 2730	2008-03-24	73.820000	76.930000	72.750000	75.949997
75.949997					
## 2731	2008-03-25	75.830002	76.290001	74.050003	75.169998
75.169998					
## 2732	2008-03-26	74.139999	75.120003	73.239998	73.800003
73.800003					
## 2733	2008-03-27	74.370003	74.690002	70.800003	70.800003
70.800003					
## 2734	2008-03-28	71.000000	72.209999	69.260002	69.760002
69.760002					
## 2735	2008-03-31	70.250000	71.639999	69.629997	71.300003
71.300003					
## 2736	2008-04-01	72.989998	77.089996	72.760002	76.699997
76.699997					

## 2737 2008-04-02	77.080002	79.000000	76.120003	77.370003
77.370003				
## 2738 2008-04-03	75.150002	76.010002	73.809998	74.940002
74.940002				
## 2739 2008-04-04	75.260002	77.830002	74.279999	76.870003
76.870003				
## 2740 2008-04-07	77.360001	78.430000	76.000000	76.900002
76.900002				
## 2741 2008-04-08	76.400002	77.610001	75.500000	77.300003
77.300003				
## 2742 2008-04-09	76.559998	76.669998	73.660004	74.389999
74.389999				
## 2743 2008-04-10	74.480003	75.489998	72.730003	74.830002
74.830002				
## 2744 2008-04-11	73.839996	74.300003	71.620003	71.989998
71.989998				
## 2745 2008-04-14	71.699997	74.000000	71.290001	72.610001
72.610001				
## 2746 2008-04-15	72.970001	73.980003	70.650002	72.500000
72.500000				
## 2747 2008-04-16	73.019997	75.000000	72.940002	74.589996
74.589996				
## 2748 2008-04-17	74.180000	75.019997	73.610001	74.040001
74.040001				
## 2749 2008-04-18	76.480003	82.000000	76.320000	80.099998
80.099998				
## 2750 2008-04-21	80.029999	81.339996	79.059998	80.180000
80.180000				
## 2751 2008-04-22	79.940002	79.940002	77.540001	79.599998
79.599998				
## 2752 2008-04-23	80.300003	82.639999	78.739998	81.000000
81.000000				
## 2753 2008-04-24	77.709999	80.529999	76.930000	77.690002
77.690002				
## 2754 2008-04-25	77.809998	81.320000	77.260002	80.860001
80.860001				
## 2755 2008-04-28	80.639999	82.500000	80.120003	81.970001
81.970001				
## 2756 2008-04-29	81.419998	81.769997	79.860001	80.739998
80.739998				
## 2757 2008-04-30	80.900002	81.339996	77.919998	78.629997
78.629997				
## 2758 2008-05-01	78.400002	80.010002	77.970001	79.360001
79.360001				
## 2759 2008-05-02	80.300003	81.199997	76.400002	77.309998
77.309998				
## 2760 2008-05-05	77.269997	77.769997	75.870003	75.919998
75.919998				
## 2761 2008-05-06	75.510002	76.769997	75.050003	75.709999
75.709999				

## 2762 2008-05-07	75.260002	76.639999	73.089996	73.180000
73.180000				
## 2763 2008-05-08	73.730003	74.160004	71.559998	72.790001
72.790001				
## 2764 2008-05-09	72.199997	73.339996	71.660004	72.410004
72.410004				
## 2765 2008-05-12	73.000000	74.930000	71.779999	74.529999
74.529999				
## 2766 2008-05-13	74.570000	74.959999	73.309998	74.559998
74.559998				
## 2767 2008-05-14	74.919998	75.750000	73.980003	74.199997
74.199997				
## 2768 2008-05-15	73.889999	76.320000	73.550003	76.120003
76.120003				
## 2769 2008-05-16	76.419998	76.830002	74.860001	76.459999
76.459999				
## 2770 2008-05-19	79.010002	84.750000	78.860001	82.290001
82.290001				
## 2771 2008-05-20	82.169998	82.699997	80.029999	80.720001
80.720001				
## 2772 2008-05-21	80.370003	81.150002	77.500000	78.300003
78.300003				
## 2773 2008-05-22	78.680000	79.690002	78.000000	79.260002
79.260002				
## 2774 2008-05-23	78.550003	78.870003	77.430000	78.349998
78.349998				
## 2775 2008-05-27	78.260002	80.900002	77.970001	80.620003
80.620003				
## 2776 2008-05-28	80.730003	80.790001	78.989998	80.080002
80.080002				
## 2777 2008-05-29	80.610001	81.959999	80.169998	80.349998
80.349998				
## 2778 2008-05-30	80.580002	81.769997	80.300003	81.620003
81.620003				
## 2779 2008-06-02	81.150002	81.570000	80.050003	80.230003
80.230003				
## 2780 2008-06-03	80.709999	81.889999	79.260002	80.110001
80.110001				
## 2781 2008-06-04	80.110001	81.820000	79.720001	81.500000
81.500000				
## 2782 2008-06-05	82.110001	84.879997	81.800003	84.510002
84.510002				
## 2783 2008-06-06	83.239998	83.639999	80.559998	80.629997
80.629997				
## 2784 2008-06-09	81.190002	81.529999	78.120003	79.430000
79.430000				
## 2785 2008-06-10	78.199997	81.040001	78.199997	79.620003
79.620003				
## 2786 2008-06-11	79.349998	80.000000	77.029999	77.279999
77.279999				

## 2787	2008-06-12	78.019997	79.050003	75.010002	76.150002
76.150002					
## 2788	2008-06-13	76.699997	80.000000	76.699997	79.169998
79.169998					
## 2789	2008-06-16	78.419998	82.529999	78.410004	81.699997
81.699997					
## 2790	2008-06-17	83.150002	84.300003	82.800003	82.970001
82.970001					
## 2791	2008-06-18	82.000000	83.169998	81.320000	82.519997
82.519997					
## 2792	2008-06-19	82.209999	84.470001	81.500000	84.260002
84.260002					
## 2793	2008-06-20	83.099998	83.459999	80.510002	81.099998
81.099998					
## 2794	2008-06-23	81.300003	82.150002	79.550003	80.680000
80.680000					
## 2795	2008-06-24	79.550003	80.790001	77.629997	79.639999
79.639999					
## 2796	2008-06-25	80.449997	82.150002	79.519997	80.510002
80.510002					
## 2797	2008-06-26	79.099998	79.889999	76.000000	76.300003
76.300003					
## 2798	2008-06-27	75.589996	76.070000	72.620003	74.660004
74.660004					
## 2799	2008-06-30	75.029999	76.120003	73.209999	73.330002
73.330002					
## 2800	2008-07-01	72.239998	74.230003	70.519997	73.620003
73.620003					
## 2801	2008-07-02	74.160004	74.410004	71.379997	71.440002
71.440002					
## 2802	2008-07-03	72.510002	73.839996	70.519997	72.000000
72.000000					
## 2803	2008-07-07	72.370003	74.400002	70.760002	72.489998
72.489998					
## 2804	2008-07-08	72.379997	75.489998	71.750000	75.040001
75.040001					
## 2805	2008-07-09	74.559998	74.900002	70.480003	70.610001
70.610001					
## 2806	2008-07-10	70.699997	71.769997	67.989998	70.629997
70.629997					
## 2807	2008-07-11	69.400002	69.989998	66.739998	68.540001
68.540001					
## 2808	2008-07-14	69.309998	69.500000	65.589996	66.279999
66.279999					
## 2809	2008-07-15	65.870003	68.620003	62.990002	67.029999
67.029999					
## 2810	2008-07-16	66.940002	72.750000	66.839996	71.839996
71.839996					
## 2811	2008-07-17	71.199997	72.379997	67.739998	72.110001
72.110001					

## 2812	2008-07-18	69.940002	70.839996	68.400002	69.120003
69.120003					
## 2813	2008-07-21	69.519997	69.800003	66.300003	68.480003
68.480003					
## 2814	2008-07-22	67.089996	69.139999	65.879997	67.970001
67.970001					
## 2815	2008-07-23	67.459999	72.070000	67.459999	70.540001
70.540001					
## 2816	2008-07-24	76.300003	82.379997	76.290001	78.720001
78.720001					
## 2817	2008-07-25	79.629997	80.940002	78.120003	78.309998
78.309998					
## 2818	2008-07-28	77.089996	78.309998	74.860001	75.980003
75.980003					
## 2819	2008-07-29	76.489998	78.800003	76.160004	78.209999
78.209999					
## 2820	2008-07-30	78.360001	79.849998	76.419998	78.209999
78.209999					
## 2821	2008-07-31	76.750000	78.169998	76.099998	76.339996
76.339996					
## 2822	2008-08-01	76.360001	76.489998	74.050003	75.750000
75.750000					
## 2823	2008-08-04	75.989998	77.300003	75.010002	75.709999
75.709999					
## 2824	2008-08-05	76.919998	79.519997	76.519997	79.110001
79.110001					
## 2825	2008-08-06	78.550003	78.629997	76.730003	78.089996
78.089996					
## 2826	2008-08-07	77.010002	78.050003	76.000000	76.949997
76.949997					
## 2827	2008-08-08	76.779999	81.209999	76.290001	80.510002
80.510002					
## 2828	2008-08-11	80.180000	91.750000	79.779999	88.089996
88.089996					
## 2829	2008-08-12	87.320000	88.480003	86.099998	87.250000
87.250000					
## 2830	2008-08-13	86.279999	88.250000	84.540001	86.690002
86.690002					
## 2831	2008-08-14	85.709999	88.750000	85.220001	88.029999
88.029999					
## 2832	2008-08-15	88.279999	89.529999	86.260002	86.400002
86.400002					
## 2833	2008-08-18	86.089996	86.279999	83.040001	83.110001
83.110001					
## 2834	2008-08-19	83.089996	83.510002	81.059998	81.290001
81.290001					
## 2835	2008-08-20	82.000000	83.250000	81.199997	82.129997
82.129997					
## 2836	2008-08-21	81.410004	83.769997	80.980003	83.260002
83.260002					

## 2837	2008-08-22	84.269997	85.459999	83.930000	85.260002
85.260002					
## 2838	2008-08-25	84.629997	84.639999	82.449997	82.849998
82.849998					
## 2839	2008-08-26	82.739998	83.120003	81.250000	81.760002
81.760002					
## 2840	2008-08-27	81.440002	82.739998	81.000000	81.730003
81.730003					
## 2841	2008-08-28	82.209999	83.650002	81.800003	83.419998
83.419998					
## 2842	2008-08-29	82.900002	82.900002	80.500000	80.809998
80.809998					
## 2843	2008-09-02	83.160004	84.500000	81.209999	81.410004
81.410004					
## 2844	2008-09-03	81.400002	82.000000	80.019997	80.769997
80.769997					
## 2845	2008-09-04	80.599998	80.809998	78.019997	78.029999
78.029999					
## 2846	2008-09-05	77.339996	80.720001	77.080002	79.190002
79.190002					
## 2847	2008-09-08	82.250000	83.750000	78.849998	81.160004
81.160004					
## 2848	2008-09-09	80.760002	81.959999	78.989998	79.040001
79.040001					
## 2849	2008-09-10	80.010002	80.220001	76.150002	76.739998
76.739998					
## 2850	2008-09-11	75.269997	79.800003	75.099998	79.510002
79.510002					
## 2851	2008-09-12	78.809998	79.599998	76.620003	78.300003
78.300003					
## 2852	2008-09-15	76.860001	79.879997	76.300003	77.339996
77.339996					
## 2853	2008-09-16	76.800003	79.629997	76.669998	78.730003
78.730003					
## 2854	2008-09-17	77.680000	78.239998	71.239998	71.540001
71.540001					
## 2855	2008-09-18	73.080002	77.500000	70.080002	76.500000
76.500000					
## 2856	2008-09-19	80.120003	86.769997	76.500000	81.000000
81.000000					
## 2857	2008-09-22	81.129997	81.629997	74.320000	74.930000
74.930000					
## 2858	2008-09-23	75.790001	76.290001	70.769997	71.760002
71.760002					
## 2859	2008-09-24	72.300003	73.650002	68.940002	69.959999
69.959999					
## 2860	2008-09-25	70.660004	72.750000	70.010002	72.080002
72.080002					
## 2861	2008-09-26	69.519997	71.050003	68.080002	70.699997
70.699997					

## 2862	2008-09-29	68.410004	69.370003	61.320000	63.349998
63.349998					
## 2863	2008-09-30	65.839996	73.120003	65.320000	72.760002
72.760002					
## 2864	2008-10-01	71.779999	71.989998	68.410004	69.580002
69.580002					
## 2865	2008-10-02	67.629997	68.959999	65.410004	67.360001
67.360001					
## 2866	2008-10-03	69.419998	70.949997	66.589996	67.000000
67.000000					
## 2867	2008-10-06	64.059998	65.889999	60.470001	65.230003
65.230003					
## 2868	2008-10-07	65.790001	66.430000	58.500000	58.520000
58.520000					
## 2869	2008-10-08	55.639999	62.750000	55.349998	61.020000
61.020000					
## 2870	2008-10-09	61.970001	63.500000	56.000000	56.000000
56.000000					
## 2871	2008-10-10	52.990002	59.750000	51.049999	56.250000
56.250000					
## 2872	2008-10-13	58.959999	62.209999	57.369999	62.020000
62.020000					
## 2873	2008-10-14	63.500000	64.000000	54.799999	55.860001
55.860001					
## 2874	2008-10-15	54.459999	54.689999	48.349998	48.720001
48.720001					
## 2875	2008-10-16	46.400002	50.700001	43.389999	50.290001
50.290001					
## 2876	2008-10-17	48.830002	62.330002	48.410000	50.650002
50.650002					
## 2877	2008-10-20	52.169998	53.099998	49.910000	52.970001
52.970001					
## 2878	2008-10-21	51.860001	52.950001	49.919998	50.230000
50.230000					
## 2879	2008-10-22	50.049999	52.470001	47.900002	49.990002
49.990002					
## 2880	2008-10-23	43.369999	50.910000	43.310001	50.320000
50.320000					
## 2881	2008-10-24	44.750000	52.320000	44.500000	48.959999
48.959999					
## 2882	2008-10-27	49.000000	52.590000	48.430000	49.580002
49.580002					
## 2883	2008-10-28	51.500000	56.299999	49.070000	56.040001
56.040001					
## 2884	2008-10-29	55.529999	59.790001	54.520000	56.889999
56.889999					
## 2885	2008-10-30	58.759998	59.889999	55.080002	56.709999
56.709999					
## 2886	2008-10-31	56.009998	57.250000	55.009998	57.240002
57.240002					

## 2887	2008-11-03	56.349998	57.250000	55.020000	55.770000
55.770000					
## 2888	2008-11-04	57.160000	58.730000	55.220001	58.450001
58.450001					
## 2889	2008-11-05	57.470001	58.000000	51.619999	51.980000
51.980000					
## 2890	2008-11-06	49.799999	51.040001	46.299999	47.220001
47.220001					
## 2891	2008-11-07	47.759998	49.790001	47.009998	49.209999
49.209999					
## 2892	2008-11-10	49.980000	50.680000	46.860001	48.459999
48.459999					
## 2893	2008-11-11	47.099998	48.060001	44.810001	46.299999
46.299999					
## 2894	2008-11-12	43.990002	45.439999	40.900002	41.560001
41.560001					
## 2895	2008-11-13	41.400002	45.000000	38.480000	44.930000
44.930000					
## 2896	2008-11-14	43.610001	44.500000	41.500000	41.750000
41.750000					
## 2897	2008-11-17	39.910000	41.259998	39.070000	39.689999
39.689999					
## 2898	2008-11-18	39.730000	40.660000	36.080002	38.439999
38.439999					
## 2899	2008-11-19	37.970001	39.000000	35.750000	35.840000
35.840000					
## 2900	2008-11-20	35.290001	39.720001	34.680000	35.029999
35.029999					
## 2901	2008-11-21	36.389999	39.000000	35.720001	37.869999
37.869999					
## 2902	2008-11-24	38.790001	43.439999	38.700001	42.500000
42.500000					
## 2903	2008-11-25	42.090000	42.889999	39.610001	42.189999
42.189999					
## 2904	2008-11-26	40.869999	44.000000	40.290001	43.959999
43.959999					
## 2905	2008-11-28	44.029999	44.099998	42.220001	42.700001
42.700001					
## 2906	2008-12-01	42.000000	43.259998	40.380001	40.470001
40.470001					
## 2907	2008-12-02	41.389999	41.709999	38.820000	41.189999
41.189999					
## 2908	2008-12-03	40.160000	45.880001	40.049999	45.209999
45.209999					
## 2909	2008-12-04	45.939999	50.500000	45.750000	47.320000
47.320000					
## 2910	2008-12-05	45.889999	48.490002	43.299999	48.259998
48.259998					
## 2911	2008-12-08	49.150002	52.139999	47.360001	51.410000
51.410000					

## 2912 2008-12-09	49.810001	54.480000	49.700001	51.250000
51.250000				
## 2913 2008-12-10	51.459999	51.500000	48.340000	49.700001
49.700001				
## 2914 2008-12-11	49.330002	50.490002	48.169998	48.250000
48.250000				
## 2915 2008-12-12	47.520000	51.380001	47.520000	51.250000
51.250000				
## 2916 2008-12-15	50.650002	50.950001	48.150002	48.849998
48.849998				
## 2917 2008-12-16	49.619999	52.959999	49.290001	52.630001
52.630001				
## 2918 2008-12-17	52.259998	54.770000	51.529999	53.180000
53.180000				
## 2919 2008-12-18	53.000000	54.849998	51.200001	52.080002
52.080002				
## 2920 2008-12-19	51.590000	52.990002	50.919998	51.560001
51.560001				
## 2921 2008-12-22	51.599998	52.150002	48.470001	49.840000
49.840000				
## 2922 2008-12-23	50.119999	51.610001	50.119999	51.080002
51.080002				
## 2923 2008-12-24	51.660000	51.950001	51.009998	51.439999
51.439999				
## 2924 2008-12-26	53.790001	53.950001	51.549999	51.779999
51.779999				
## 2925 2008-12-29	51.430000	51.770000	48.560001	49.400002
49.400002				
## 2926 2008-12-30	49.509998	51.209999	48.740002	50.759998
50.759998				
## 2927 2008-12-31	50.740002	51.689999	49.910000	51.279999
51.279999				
## 2928 2009-01-02	51.349998	54.529999	51.070000	54.360001
54.360001				
## 2929 2009-01-05	55.730000	55.740002	53.029999	54.060001
54.060001				
## 2930 2009-01-06	54.549999	58.220001	53.750000	57.360001
57.360001				
## 2931 2009-01-07	56.290001	56.950001	55.349998	56.200001
56.200001				
## 2932 2009-01-08	54.990002	57.320000	54.580002	57.160000
57.160000				
## 2933 2009-01-09	56.919998	57.000000	54.700001	55.509998
55.509998				
## 2934 2009-01-12	54.119999	54.299999	50.869999	51.919998
51.919998				
## 2935 2009-01-13	50.959999	53.290001	50.750000	51.450001
51.450001				
## 2936 2009-01-14	50.099998	50.099998	48.139999	48.490002
48.490002				

## 2937	2009-01-15	48.560001	52.230000	47.630001	51.439999
51.439999					
## 2938	2009-01-16	51.799999	52.330002	49.529999	51.590000
51.590000					
## 2939	2009-01-20	50.750000	51.700001	48.270000	48.439999
48.439999					
## 2940	2009-01-21	49.310001	50.689999	48.250000	50.540001
50.540001					
## 2941	2009-01-22	49.419998	50.880001	48.259998	49.939999
49.939999					
## 2942	2009-01-23	48.900002	51.419998	48.450001	50.630001
50.630001					
## 2943	2009-01-26	50.180000	50.889999	48.520000	49.630001
49.630001					
## 2944	2009-01-27	49.299999	50.419998	47.720001	48.439999
48.439999					
## 2945	2009-01-28	49.720001	51.490002	48.970001	50.360001
50.360001					
## 2946	2009-01-29	49.959999	51.849998	49.139999	50.000000
50.000000					
## 2947	2009-01-30	57.360001	59.740002	57.240002	58.820000
58.820000					
## 2948	2009-02-02	58.570000	62.000000	58.130001	61.150002
61.150002					
## 2949	2009-02-03	60.869999	64.199997	60.000000	63.590000
63.590000					
## 2950	2009-02-04	63.380001	63.439999	60.830002	61.060001
61.060001					
## 2951	2009-02-05	61.150002	63.810001	60.630001	63.180000
63.180000					
## 2952	2009-02-06	63.180000	67.000000	63.180000	66.550003
66.550003					
## 2953	2009-02-09	66.559998	67.360001	65.379997	66.709999
66.709999					
## 2954	2009-02-10	66.150002	67.230003	63.070000	63.310001
63.310001					
## 2955	2009-02-11	63.099998	64.900002	62.250000	64.349998
64.349998					
## 2956	2009-02-12	63.250000	64.250000	61.709999	63.959999
63.959999					
## 2957	2009-02-13	63.970001	64.680000	62.869999	63.259998
63.259998					
## 2958	2009-02-17	61.669998	62.650002	61.180000	61.669998
61.669998					
## 2959	2009-02-18	62.270000	62.779999	60.520000	62.349998
62.349998					
## 2960	2009-02-19	62.840000	64.180000	61.669998	61.950001
61.950001					
## 2961	2009-02-20	61.070000	64.150002	60.840000	63.860001
63.860001					

## 2962	2009-02-23	64.160004	64.910004	61.520000	61.709999
61.709999					
## 2963	2009-02-24	61.970001	66.099998	61.889999	65.599998
65.599998					
## 2964	2009-02-25	64.900002	65.750000	62.820000	63.709999
63.709999					
## 2965	2009-02-26	64.120003	64.730003	62.340000	62.340000
62.340000					
## 2966	2009-02-27	61.259998	65.080002	60.939999	64.790001
64.790001					
## 2967	2009-03-02	63.939999	65.519997	61.509998	61.990002
61.990002					
## 2968	2009-03-03	62.750000	63.290001	61.299999	61.700001
61.700001					
## 2969	2009-03-04	62.799999	65.790001	62.400002	64.809998
64.809998					
## 2970	2009-03-05	64.120003	65.800003	63.599998	64.769997
64.769997					
## 2971	2009-03-06	65.199997	65.500000	59.820000	61.689999
61.689999					
## 2972	2009-03-09	62.200001	64.029999	60.150002	60.490002
60.490002					
## 2973	2009-03-10	62.490002	65.900002	61.779999	65.709999
65.709999					
## 2974	2009-03-11	66.239998	69.370003	65.269997	68.540001
68.540001					
## 2975	2009-03-12	68.349998	69.870003	67.250000	69.580002
69.580002					
## 2976	2009-03-13	69.639999	69.739998	67.529999	68.629997
68.629997					
## 2977	2009-03-16	68.559998	69.290001	66.680000	66.980003
66.980003					
## 2978	2009-03-17	67.370003	71.709999	67.000000	71.349998
71.349998					
## 2979	2009-03-18	70.970001	73.910004	70.129997	71.250000
71.250000					
## 2980	2009-03-19	71.400002	71.910004	69.239998	70.099998
70.099998					
## 2981	2009-03-20	70.389999	70.889999	69.080002	69.959999
69.959999					
## 2982	2009-03-23	71.360001	75.610001	70.699997	75.580002
75.580002					
## 2983	2009-03-24	74.849998	75.000000	72.309998	72.809998
72.809998					
## 2984	2009-03-25	73.089996	73.949997	69.839996	72.400002
72.400002					
## 2985	2009-03-26	73.470001	74.980003	72.639999	73.690002
73.690002					
## 2986	2009-03-27	71.610001	72.290001	70.099998	70.519997
70.519997					

## 2987	2009-03-30	70.400002	71.669998	69.750000	71.440002
71.440002					
## 2988	2009-03-31	72.610001	74.500000	72.120003	73.440002
73.440002					
## 2989	2009-04-01	73.019997	75.089996	71.709999	73.500000
73.500000					
## 2990	2009-04-02	73.629997	77.239998	73.440002	76.339996
76.339996					
## 2991	2009-04-03	76.419998	78.320000	75.500000	78.169998
78.169998					
## 2992	2009-04-06	77.260002	78.360001	76.000000	77.989998
77.989998					
## 2993	2009-04-07	76.970001	77.080002	74.879997	75.510002
75.510002					
## 2994	2009-04-08	75.930000	77.110001	74.570000	76.980003
76.980003					
## 2995	2009-04-09	77.510002	80.000000	77.260002	79.769997
79.769997					
## 2996	2009-04-13	79.839996	79.970001	77.849998	78.940002
78.940002					
## 2997	2009-04-14	78.000000	79.459999	76.940002	77.220001
77.220001					
## 2998	2009-04-15	75.500000	75.809998	73.510002	74.709999
74.709999					
## 2999	2009-04-16	75.330002	77.480003	75.160004	77.250000
77.250000					
## 3000	2009-04-17	76.779999	78.720001	75.879997	78.050003
78.050003					
## 3001	2009-04-20	78.440002	79.790001	76.830002	77.570000
77.570000					
## 3002	2009-04-21	77.330002	79.099998	77.290001	78.739998
78.739998					
## 3003	2009-04-22	78.169998	82.180000	77.809998	79.199997
79.199997					
## 3004	2009-04-23	81.330002	82.059998	79.080002	80.610001
80.610001					
## 3005	2009-04-24	82.029999	86.680000	80.730003	84.459999
84.459999					
## 3006	2009-04-27	83.879997	84.980003	82.209999	83.120003
83.120003					
## 3007	2009-04-28	82.680000	85.349998	82.400002	82.400002
82.400002					
## 3008	2009-04-29	82.989998	82.989998	79.260002	79.790001
79.790001					
## 3009	2009-04-30	80.930000	82.669998	79.889999	80.519997
80.519997					
## 3010	2009-05-01	80.379997	80.379997	77.849998	78.959999
78.959999					
## 3011	2009-05-04	80.260002	81.349998	78.849998	79.769997
79.769997					

## 3012 2009-05-05	81.010002	82.000000	80.190002	81.900002
81.900002				
## 3013 2009-05-06	82.879997	83.599998	79.660004	81.989998
81.989998				
## 3014 2009-05-07	82.730003	82.750000	77.879997	79.279999
79.279999				
## 3015 2009-05-08	79.690002	80.230003	76.309998	77.949997
77.949997				
## 3016 2009-05-11	76.800003	79.849998	76.010002	78.610001
78.610001				
## 3017 2009-05-12	78.699997	78.970001	76.529999	77.930000
77.930000				
## 3018 2009-05-13	76.250000	76.650002	74.010002	74.190002
74.190002				
## 3019 2009-05-14	73.790001	76.059998	73.309998	75.110001
75.110001				
## 3020 2009-05-15	74.540001	76.209999	73.419998	73.599998
73.599998				
## 3021 2009-05-18	73.959999	75.959999	73.099998	75.949997
75.949997				
## 3022 2009-05-19	75.430000	78.959999	75.120003	77.870003
77.870003				
## 3023 2009-05-20	78.500000	81.110001	77.419998	77.970001
77.970001				
## 3024 2009-05-21	76.750000	77.970001	75.400002	75.959999
75.959999				
## 3025 2009-05-22	76.099998	77.040001	75.019997	75.639999
75.639999				
## 3026 2009-05-26	75.029999	78.480003	74.550003	78.389999
78.389999				
## 3027 2009-05-27	78.510002	79.500000	76.750000	77.099998
77.099998				
## 3028 2009-05-28	77.699997	79.099998	75.879997	77.650002
77.650002				
## 3029 2009-05-29	77.720001	78.010002	76.400002	77.989998
77.989998				
## 3030 2009-06-01	78.209999	84.800003	77.489998	83.050003
83.050003				
## 3031 2009-06-02	82.419998	85.449997	82.099998	84.930000
84.930000				
## 3032 2009-06-03	83.309998	85.709999	83.129997	85.680000
85.680000				
## 3033 2009-06-04	85.419998	86.400002	84.570000	85.519997
85.519997				
## 3034 2009-06-05	86.290001	87.949997	85.300003	87.559998
87.559998				
## 3035 2009-06-08	86.750000	87.180000	85.110001	86.360001
86.360001				
## 3036 2009-06-09	86.930000	87.669998	86.169998	87.080002
87.080002				

## 3037 2009-06-10	87.580002	88.559998	84.830002	86.589996
86.589996				
## 3038 2009-06-11	86.300003	87.489998	85.050003	85.690002
85.690002				
## 3039 2009-06-12	85.029999	85.199997	82.010002	84.080002
84.080002				
## 3040 2009-06-15	82.830002	83.300003	81.000000	83.180000
83.180000				
## 3041 2009-06-16	83.699997	83.949997	81.279999	82.150002
82.150002				
## 3042 2009-06-17	82.500000	84.300003	80.639999	82.650002
82.650002				
## 3043 2009-06-18	82.809998	82.949997	81.000000	81.599998
81.599998				
## 3044 2009-06-19	82.150002	83.459999	81.500000	82.959999
82.959999				
## 3045 2009-06-22	82.410004	82.430000	78.559998	79.150002
79.150002				
## 3046 2009-06-23	78.970001	79.099998	76.250000	77.680000
77.680000				
## 3047 2009-06-24	78.000000	80.529999	77.800003	79.269997
79.269997				
## 3048 2009-06-25	79.099998	82.230003	79.029999	82.199997
82.199997				
## 3049 2009-06-26	81.900002	84.139999	81.129997	83.879997
83.879997				
## 3050 2009-06-29	83.870003	84.199997	82.410004	83.029999
83.029999				
## 3051 2009-06-30	83.620003	84.919998	82.470001	83.660004
83.660004				
## 3052 2009-07-01	84.419998	84.500000	81.370003	81.599998
81.599998				
## 3053 2009-07-02	81.110001	81.370003	78.510002	79.320000
79.320000				
## 3054 2009-07-06	78.449997	78.889999	76.540001	78.099998
78.099998				
## 3055 2009-07-07	78.529999	78.690002	75.410004	75.629997
75.629997				
## 3056 2009-07-08	76.459999	77.930000	75.699997	77.360001
77.360001				
## 3057 2009-07-09	78.250000	78.540001	76.820000	78.099998
78.099998				
## 3058 2009-07-10	77.519997	78.820000	76.169998	77.629997
77.629997				
## 3059 2009-07-13	78.070000	81.650002	78.010002	81.470001
81.470001				
## 3060 2009-07-14	81.480003	82.419998	80.419998	81.949997
81.949997				
## 3061 2009-07-15	83.000000	84.639999	82.779999	84.550003
84.550003				

## 3062 2009-07-16	84.419998	86.239998	83.720001	86.110001
86.110001				
## 3063 2009-07-17	85.800003	86.500000	85.199997	85.849998
85.849998				
## 3064 2009-07-20	86.269997	88.879997	86.260002	88.230003
88.230003				
## 3065 2009-07-21	88.519997	89.010002	87.400002	89.010002
89.010002				
## 3066 2009-07-22	88.650002	89.230003	87.779999	88.790001
88.790001				
## 3067 2009-07-23	89.839996	94.400002	89.589996	93.870003
93.870003				
## 3068 2009-07-24	87.599998	88.900002	85.500000	86.489998
86.489998				
## 3069 2009-07-27	86.239998	86.489998	83.559998	84.239998
84.239998				
## 3070 2009-07-28	83.839996	85.639999	82.599998	84.980003
84.980003				
## 3071 2009-07-29	84.470001	85.500000	83.519997	84.339996
84.339996				
## 3072 2009-07-30	85.639999	87.250000	85.169998	86.089996
86.089996				
## 3073 2009-07-31	85.760002	86.750000	84.620003	85.760002
85.760002				
## 3074 2009-08-03	86.559998	88.199997	86.559998	87.440002
87.440002				
## 3075 2009-08-04	87.480003	87.480003	84.930000	85.800003
85.800003				
## 3076 2009-08-05	85.639999	85.750000	83.019997	84.290001
84.290001				
## 3077 2009-08-06	84.309998	84.839996	83.050003	84.470001
84.470001				
## 3078 2009-08-07	84.099998	85.959999	84.099998	85.320000
85.320000				
## 3079 2009-08-10	85.010002	85.470001	83.269997	84.440002
84.440002				
## 3080 2009-08-11	83.639999	84.400002	82.449997	83.559998
83.559998				
## 3081 2009-08-12	83.419998	86.599998	83.379997	85.959999
85.959999				
## 3082 2009-08-13	85.720001	86.370003	84.070000	84.599998
84.599998				
## 3083 2009-08-14	84.110001	84.169998	82.779999	83.580002
83.580002				
## 3084 2009-08-17	81.160004	81.779999	80.250000	81.059998
81.059998				
## 3085 2009-08-18	81.410004	82.690002	80.790001	82.120003
82.120003				
## 3086 2009-08-19	80.910004	83.000000	80.489998	83.000000
83.000000				

## 3087 2009-08-20	82.980003	84.349998	82.660004	84.089996
84.089996				
## 3088 2009-08-21	84.779999	85.059998	83.540001	85.000000
85.000000				
## 3089 2009-08-24	85.169998	85.589996	84.239998	84.500000
84.500000				
## 3090 2009-08-25	84.660004	86.339996	83.949997	84.190002
84.190002				
## 3091 2009-08-26	84.099998	84.760002	83.379997	84.000000
84.000000				
## 3092 2009-08-27	84.010002	84.849998	83.139999	84.309998
84.309998				
## 3093 2009-08-28	84.779999	84.989998	82.570000	82.760002
82.760002				
## 3094 2009-08-31	81.930000	81.949997	80.349998	81.190002
81.190002				
## 3095 2009-09-01	80.739998	82.419998	79.000000	79.160004
79.160004				
## 3096 2009-09-02	79.040001	80.150002	77.800003	78.139999
78.139999				
## 3097 2009-09-03	78.389999	78.959999	77.510002	78.459999
78.459999				
## 3098 2009-09-04	78.269997	79.779999	77.629997	78.870003
78.870003				
## 3099 2009-09-08	79.860001	81.040001	78.870003	80.900002
80.900002				
## 3100 2009-09-09	80.599998	82.629997	80.500000	82.239998
82.239998				
## 3101 2009-09-10	82.330002	84.070000	82.300003	83.849998
83.849998				
## 3102 2009-09-11	84.440002	84.900002	83.760002	84.540001
84.540001				
## 3103 2009-09-14	83.809998	84.570000	83.459999	83.860001
83.860001				
## 3104 2009-09-15	84.169998	84.410004	82.790001	83.550003
83.550003				
## 3105 2009-09-16	85.910004	90.980003	85.900002	90.699997
90.699997				
## 3106 2009-09-17	90.750000	91.190002	89.000000	90.440002
90.440002				
## 3107 2009-09-18	90.739998	91.000000	89.470001	90.279999
90.279999				
## 3108 2009-09-21	89.690002	90.760002	88.480003	90.559998
90.559998				
## 3109 2009-09-22	91.459999	94.190002	91.099998	93.750000
93.750000				
## 3110 2009-09-23	92.820000	94.500000	92.220001	92.379997
92.379997				
## 3111 2009-09-24	92.000000	92.709999	90.769997	92.110001
92.110001				

## 3112 2009-09-25	91.440002	92.250000	89.750000	90.519997
90.519997				
## 3113 2009-09-28	91.040001	92.809998	90.599998	92.209999
92.209999				
## 3114 2009-09-29	91.959999	92.330002	90.099998	91.720001
91.720001				
## 3115 2009-09-30	92.260002	94.169998	91.430000	93.360001
93.360001				
## 3116 2009-10-01	92.500000	92.900002	90.370003	91.040001
91.040001				
## 3117 2009-10-02	90.050003	91.139999	89.580002	89.849998
89.849998				
## 3118 2009-10-05	90.250000	90.930000	88.269997	88.669998
88.669998				
## 3119 2009-10-06	89.330002	91.080002	88.400002	90.910004
90.910004				
## 3120 2009-10-07	91.500000	94.480003	91.150002	93.970001
93.970001				
## 3121 2009-10-08	94.800003	96.720001	94.230003	95.220001
95.220001				
## 3122 2009-10-09	95.000000	95.949997	94.260002	95.709999
95.709999				
## 3123 2009-10-12	96.169998	96.250000	93.070000	93.599998
93.599998				
## 3124 2009-10-13	93.830002	95.250000	93.680000	94.830002
94.830002				
## 3125 2009-10-14	96.220001	97.820000	96.019997	97.459999
97.459999				
## 3126 2009-10-15	95.129997	97.059998	95.080002	96.010002
96.010002				
## 3127 2009-10-16	95.300003	96.120003	93.610001	95.320000
95.320000				
## 3128 2009-10-19	95.349998	96.279999	94.250000	94.680000
94.680000				
## 3129 2009-10-20	95.910004	96.099998	94.269997	94.980003
94.980003				
## 3130 2009-10-21	95.269997	96.629997	92.910004	93.419998
93.419998				
## 3131 2009-10-22	93.660004	94.099998	91.699997	93.449997
93.449997				
## 3132 2009-10-23	111.050003	119.650002	110.620003	118.489998
118.489998				
## 3133 2009-10-26	119.209999	125.680000	118.489998	124.639999
124.639999				
## 3134 2009-10-27	122.930000	124.260002	119.419998	122.070000
122.070000				
## 3135 2009-10-28	121.570000	125.120003	120.760002	121.639999
121.639999				
## 3136 2009-10-29	123.900002	124.300003	120.120003	122.580002
122.580002				

## 3137	2009-10-30	121.970001	122.900002	118.209999	118.809998
118.809998					
## 3138	2009-11-02	118.660004	119.500000	116.709999	118.839996
118.839996					
## 3139	2009-11-03	117.669998	118.879997	116.629997	118.370003
118.370003					
## 3140	2009-11-04	119.000000	119.250000	116.760002	117.099998
117.099998					
## 3141	2009-11-05	117.459999	120.949997	116.250000	120.610001
120.610001					
## 3142	2009-11-06	123.000000	126.980003	122.669998	126.199997
126.199997					
## 3143	2009-11-09	127.110001	128.320007	125.589996	126.669998
126.669998					
## 3144	2009-11-10	126.800003	130.610001	126.000000	130.149994
130.149994					
## 3145	2009-11-11	131.080002	131.309998	128.330002	129.910004
129.910004					
## 3146	2009-11-12	129.979996	132.149994	129.979996	130.529999
130.529999					
## 3147	2009-11-13	131.160004	132.990005	129.750000	132.970001
132.970001					
## 3148	2009-11-16	132.119995	134.559998	130.979996	131.589996
131.589996					
## 3149	2009-11-17	131.399994	131.850006	129.320007	131.250000
131.250000					
## 3150	2009-11-18	130.899994	131.410004	129.529999	131.289993
131.289993					
## 3151	2009-11-19	130.539993	130.539993	128.479996	128.990005
128.990005					
## 3152	2009-11-20	127.760002	129.990005	127.410004	129.660004
129.660004					
## 3153	2009-11-23	131.050003	133.000000	131.000000	133.000000
133.000000					
## 3154	2009-11-24	133.570007	134.330002	132.220001	132.940002
132.940002					
## 3155	2009-11-25	133.309998	134.199997	132.399994	134.029999
134.029999					
## 3156	2009-11-27	130.300003	133.000000	129.880005	131.740005
131.740005					
## 3157	2009-11-30	132.190002	136.080002	132.160004	135.910004
135.910004					
## 3158	2009-12-01	136.940002	139.350006	135.750000	138.500000
138.500000					
## 3159	2009-12-02	139.149994	142.669998	138.960007	142.250000
142.250000					
## 3160	2009-12-03	143.619995	145.910004	140.770004	141.169998
141.169998					
## 3161	2009-12-04	143.419998	143.449997	135.110001	137.580002
137.580002					

## 3162	2009-12-07	138.000000	139.000000	133.839996	134.210007
		134.210007			
## 3163	2009-12-08	134.300003	136.080002	132.869995	134.110001
		134.110001			
## 3164	2009-12-09	134.600006	134.710007	129.820007	131.309998
		131.309998			
## 3165	2009-12-10	132.410004	136.190002	132.399994	135.380005
		135.380005			
## 3166	2009-12-11	136.070007	136.289993	133.199997	134.149994
		134.149994			
## 3167	2009-12-14	132.500000	132.610001	129.350006	131.380005
		131.380005			
## 3168	2009-12-15	130.759995	132.460007	129.589996	130.229996
		130.229996			
## 3169	2009-12-16	130.929993	131.449997	127.650002	128.360001
		128.360001			
## 3170	2009-12-17	129.360001	130.080002	126.900002	126.910004
		126.910004			
## 3171	2009-12-18	127.910004	128.789993	125.650002	128.479996
		128.479996			
## 3172	2009-12-21	130.479996	133.199997	130.190002	132.789993
		132.789993			
## 3173	2009-12-22	133.759995	135.990005	132.649994	133.750000
		133.750000			
## 3174	2009-12-23	134.800003	139.050003	134.350006	138.940002
		138.940002			
## 3175	2009-12-24	139.199997	139.699997	137.539993	138.470001
		138.470001			
## 3176	2009-12-28	139.750000	141.979996	138.529999	139.309998
		139.309998			
## 3177	2009-12-29	141.289993	142.580002	138.550003	139.410004
		139.410004			
## 3178	2009-12-30	138.399994	138.399994	135.279999	136.490005
		136.490005			
## 3179	2009-12-31	137.089996	137.279999	134.520004	134.520004
		134.520004			
## 3180	2010-01-04	136.250000	136.610001	133.139999	133.899994
		133.899994			
## 3181	2010-01-05	133.429993	135.479996	131.809998	134.690002
		134.690002			
## 3182	2010-01-06	134.600006	134.729996	131.649994	132.250000
		132.250000			
## 3183	2010-01-07	132.009995	132.320007	128.800003	130.000000
		130.000000			
## 3184	2010-01-08	130.559998	133.679993	129.029999	133.520004
		133.520004			
## 3185	2010-01-11	132.619995	132.800003	129.210007	130.309998
		130.309998			
## 3186	2010-01-12	128.990005	129.820007	126.550003	127.349998
		127.349998			

## 3187	2010-01-13	127.900002	129.710007	125.750000	129.110001
129.110001					
## 3188	2010-01-14	129.139999	130.380005	126.400002	127.349998
127.349998					
## 3189	2010-01-15	129.179993	129.649994	127.059998	127.139999
127.139999					
## 3190	2010-01-19	126.309998	128.000000	124.330002	127.610001
127.610001					
## 3191	2010-01-20	127.129997	129.199997	125.080002	125.779999
125.779999					
## 3192	2010-01-21	127.260002	128.149994	125.000000	126.620003
126.620003					
## 3193	2010-01-22	125.599998	127.669998	120.760002	121.430000
121.430000					
## 3194	2010-01-25	122.099998	122.279999	118.120003	120.309998
120.309998					
## 3195	2010-01-26	120.559998	122.980003	119.059998	119.480003
119.480003					
## 3196	2010-01-27	121.029999	123.330002	118.800003	122.750000
122.750000					
## 3197	2010-01-28	124.430000	127.199997	122.800003	126.029999
126.029999					
## 3198	2010-01-29	129.770004	131.850006	124.139999	125.410004
125.410004					
## 3199	2010-02-01	123.180000	124.860001	113.820000	118.870003
118.870003					
## 3200	2010-02-02	118.790001	118.980003	114.400002	118.120003
118.120003					
## 3201	2010-02-03	117.120003	119.610001	116.559998	119.099998
119.099998					
## 3202	2010-02-04	118.639999	120.330002	115.739998	115.940002
115.940002					
## 3203	2010-02-05	115.879997	117.650002	114.099998	117.389999
117.389999					
## 3204	2010-02-08	119.379997	121.000000	116.559998	116.830002
116.830002					
## 3205	2010-02-09	118.199997	119.089996	117.000000	118.029999
118.029999					
## 3206	2010-02-10	118.000000	118.610001	116.000000	117.360001
117.360001					
## 3207	2010-02-11	117.209999	120.419998	116.500000	120.089996
120.089996					
## 3208	2010-02-12	118.989998	119.940002	117.500000	119.660004
119.660004					
## 3209	2010-02-16	120.059998	120.500000	117.180000	117.529999
117.529999					
## 3210	2010-02-17	117.070000	117.129997	115.550003	116.309998
116.309998					
## 3211	2010-02-18	115.839996	118.510002	114.820000	118.080002
118.080002					

## 3212	2010-02-19	117.910004	119.089996	117.000000	117.519997
		117.519997			
## 3213	2010-02-22	117.370003	118.970001	116.180000	118.010002
		118.010002			
## 3214	2010-02-23	118.010002	119.250000	116.510002	117.239998
		117.239998			
## 3215	2010-02-24	117.959999	119.800003	117.150002	119.720001
		119.720001			
## 3216	2010-02-25	118.169998	118.339996	115.849998	118.199997
		118.199997			
## 3217	2010-02-26	117.879997	119.430000	117.000000	118.400002
		118.400002			
## 3218	2010-03-01	118.699997	124.660004	117.529999	124.540001
		124.540001			
## 3219	2010-03-02	125.010002	127.349998	124.800003	125.529999
		125.529999			
## 3220	2010-03-03	125.400002	126.940002	124.430000	125.889999
		125.889999			
## 3221	2010-03-04	125.980003	128.850006	125.570000	128.529999
		128.529999			
## 3222	2010-03-05	129.130005	129.449997	127.070000	128.910004
		128.910004			
## 3223	2010-03-08	128.300003	130.850006	127.709999	130.110001
		130.110001			
## 3224	2010-03-09	129.589996	130.809998	127.970001	128.820007
		128.820007			
## 3225	2010-03-10	129.110001	131.169998	128.479996	130.509995
		130.509995			
## 3226	2010-03-11	130.449997	133.619995	130.360001	133.580002
		133.580002			
## 3227	2010-03-12	134.199997	134.199997	131.179993	131.820007
		131.820007			
## 3228	2010-03-15	131.699997	132.000000	128.630005	131.130005
		131.130005			
## 3229	2010-03-16	131.240005	132.289993	130.500000	131.789993
		131.789993			
## 3230	2010-03-17	132.410004	132.690002	131.220001	131.339996
		131.339996			
## 3231	2010-03-18	131.020004	132.850006	130.440002	132.759995
		132.759995			
## 3232	2010-03-19	133.710007	133.710007	129.660004	130.350006
		130.350006			
## 3233	2010-03-22	130.199997	130.960007	128.639999	130.470001
		130.470001			
## 3234	2010-03-23	130.889999	130.940002	128.070007	129.259995
		129.259995			
## 3235	2010-03-24	128.639999	129.399994	127.199997	128.039993
		128.039993			
## 3236	2010-03-25	129.139999	136.910004	128.039993	134.729996
		134.729996			

## 3237	2010-03-26	134.899994	136.990005	133.759995	135.059998
135.059998					
## 3238	2010-03-29	135.369995	136.630005	134.330002	135.119995
135.119995					
## 3239	2010-03-30	135.740005	138.190002	135.360001	136.580002
136.580002					
## 3240	2010-03-31	136.000000	136.800003	134.479996	135.770004
135.770004					
## 3241	2010-04-01	135.800003	136.509995	131.179993	131.809998
131.809998					
## 3242	2010-04-05	132.850006	133.740005	130.779999	131.490005
131.490005					
## 3243	2010-04-06	131.229996	136.000000	131.179993	135.559998
135.559998					
## 3244	2010-04-07	135.960007	136.080002	133.860001	134.869995
134.869995					
## 3245	2010-04-08	134.710007	141.250000	134.710007	140.960007
140.960007					
## 3246	2010-04-09	140.720001	141.330002	139.070007	140.059998
140.059998					
## 3247	2010-04-12	140.000000	142.910004	139.679993	141.199997
141.199997					
## 3248	2010-04-13	141.229996	141.979996	139.119995	140.160004
140.160004					
## 3249	2010-04-14	140.339996	144.500000	139.199997	144.279999
144.279999					
## 3250	2010-04-15	144.550003	147.089996	144.000000	145.820007
145.820007					
## 3251	2010-04-16	144.880005	147.169998	141.449997	142.169998
142.169998					
## 3252	2010-04-19	142.350006	143.669998	139.130005	142.429993
142.429993					
## 3253	2010-04-20	143.830002	144.639999	142.100006	144.199997
144.199997					
## 3254	2010-04-21	145.169998	149.000000	143.520004	146.429993
146.429993					
## 3255	2010-04-22	147.009995	151.089996	145.880005	150.089996
150.089996					
## 3256	2010-04-23	145.380005	149.089996	142.419998	143.630005
143.630005					
## 3257	2010-04-26	143.199997	147.729996	142.899994	147.110001
147.110001					
## 3258	2010-04-27	145.550003	146.440002	141.110001	142.020004
142.020004					
## 3259	2010-04-28	142.589996	142.750000	138.690002	139.350006
139.350006					
## 3260	2010-04-29	140.089996	142.449997	139.789993	141.729996
141.729996					
## 3261	2010-04-30	141.399994	141.399994	136.910004	137.100006
137.100006					

## 3262	2010-05-03	137.199997	139.440002	136.110001	137.490005
		137.490005			
## 3263	2010-05-04	135.619995	135.809998	128.380005	129.830002
		129.830002			
## 3264	2010-05-05	128.000000	131.610001	127.550003	130.929993
		130.929993			
## 3265	2010-05-06	130.000000	132.330002	120.599998	128.710007
		128.710007			
## 3266	2010-05-07	127.970001	131.179993	123.760002	124.980003
		124.980003			
## 3267	2010-05-10	129.729996	132.210007	129.259995	131.289993
		131.289993			
## 3268	2010-05-11	129.949997	133.080002	128.470001	130.460007
		130.460007			
## 3269	2010-05-12	131.410004	134.130005	129.679993	133.869995
		133.869995			
## 3270	2010-05-13	133.929993	136.990005	131.000000	131.470001
		131.470001			
## 3271	2010-05-14	130.360001	131.000000	126.760002	128.529999
		128.529999			
## 3272	2010-05-17	128.240005	129.949997	125.800003	128.910004
		128.910004			
## 3273	2010-05-18	130.139999	131.250000	125.510002	126.279999
		126.279999			
## 3274	2010-05-19	125.510002	127.930000	123.800003	124.589996
		124.589996			
## 3275	2010-05-20	122.639999	125.000000	118.779999	119.709999
		119.709999			
## 3276	2010-05-21	117.900002	124.970001	117.519997	122.720001
		122.720001			
## 3277	2010-05-24	122.570000	124.500000	120.650002	122.120003
		122.120003			
## 3278	2010-05-25	118.540001	125.190002	118.500000	124.860001
		124.860001			
## 3279	2010-05-26	125.050003	125.790001	122.300003	123.209999
		123.209999			
## 3280	2010-05-27	124.980003	126.849998	120.599998	126.699997
		126.699997			
## 3281	2010-05-28	126.070000	127.599998	124.010002	125.459999
		125.459999			
## 3282	2010-06-01	124.970001	126.570000	123.019997	123.239998
		123.239998			
## 3283	2010-06-02	124.019997	126.430000	121.650002	126.309998
		126.309998			
## 3284	2010-06-03	126.250000	129.149994	124.849998	128.759995
		128.759995			
## 3285	2010-06-04	126.330002	128.199997	122.180000	122.769997
		122.769997			
## 3286	2010-06-07	125.839996	126.610001	121.669998	122.010002
		122.010002			

## 3287	2010-06-08	122.000000	122.000000	115.800003	118.839996
118.839996					
## 3288	2010-06-09	120.309998	121.470001	117.360001	117.910004
117.910004					
## 3289	2010-06-10	120.000000	123.500000	119.199997	123.209999
123.209999					
## 3290	2010-06-11	121.389999	123.529999	120.290001	123.029999
123.029999					
## 3291	2010-06-14	124.239998	125.699997	123.500000	123.830002
123.830002					
## 3292	2010-06-15	123.199997	126.919998	122.500000	126.839996
126.839996					
## 3293	2010-06-16	125.389999	127.980003	125.360001	126.900002
126.900002					
## 3294	2010-06-17	126.739998	127.800003	124.690002	125.889999
125.889999					
## 3295	2010-06-18	126.480003	127.480003	125.070000	125.830002
125.830002					
## 3296	2010-06-21	126.790001	127.480003	121.410004	122.550003
122.550003					
## 3297	2010-06-22	122.650002	125.230003	121.550003	122.309998
122.309998					
## 3298	2010-06-23	122.110001	123.220001	120.040001	121.449997
121.449997					
## 3299	2010-06-24	120.610001	120.849998	116.800003	118.330002
118.330002					
## 3300	2010-06-25	118.139999	121.760002	117.629997	121.000000
121.000000					
## 3301	2010-06-28	118.849998	120.040001	117.099998	117.800003
117.800003					
## 3302	2010-06-29	116.260002	116.480003	106.010002	108.610001
108.610001					
## 3303	2010-06-30	108.580002	112.680000	108.110001	109.260002
109.260002					
## 3304	2010-07-01	108.900002	111.690002	106.699997	110.959999
110.959999					
## 3305	2010-07-02	110.919998	111.290001	108.559998	109.139999
109.139999					
## 3306	2010-07-06	110.650002	112.529999	109.000000	110.059998
110.059998					
## 3307	2010-07-07	109.839996	113.629997	109.809998	113.430000
113.430000					
## 3308	2010-07-08	115.019997	117.480003	114.070000	116.220001
116.220001					
## 3309	2010-07-09	116.550003	117.400002	114.650002	117.260002
117.260002					
## 3310	2010-07-12	117.809998	119.699997	117.320000	119.510002
119.510002					
## 3311	2010-07-13	120.690002	124.879997	120.300003	123.650002
123.650002					

## 3312	2010-07-14	123.029999	123.750000	121.470001	123.300003
		123.300003			
## 3313	2010-07-15	120.129997	122.480003	119.260002	122.059998
		122.059998			
## 3314	2010-07-16	121.279999	121.919998	118.010002	118.489998
		118.489998			
## 3315	2010-07-19	118.379997	120.739998	117.000000	119.940002
		119.940002			
## 3316	2010-07-20	120.610001	120.709999	117.510002	120.099998
		120.099998			
## 3317	2010-07-21	120.620003	121.250000	117.260002	117.430000
		117.430000			
## 3318	2010-07-22	118.709999	120.870003	118.019997	120.070000
		120.070000			
## 3319	2010-07-23	105.930000	119.279999	105.800003	118.870003
		118.870003			
## 3320	2010-07-26	118.260002	118.599998	114.879997	118.400002
		118.400002			
## 3321	2010-07-27	118.430000	118.500000	115.070000	117.129997
		117.129997			
## 3322	2010-07-28	117.000000	118.199997	116.400002	117.129997
		117.129997			
## 3323	2010-07-29	117.989998	118.870003	115.519997	116.860001
		116.860001			
## 3324	2010-07-30	115.529999	118.739998	114.510002	117.889999
		117.889999			
## 3325	2010-08-02	119.150002	120.379997	117.570000	120.070000
		120.070000			
## 3326	2010-08-03	120.000000	122.870003	119.680000	122.419998
		122.419998			
## 3327	2010-08-04	123.059998	128.470001	123.000000	127.580002
		127.580002			
## 3328	2010-08-05	126.769997	128.000000	125.820000	127.830002
		127.830002			
## 3329	2010-08-06	126.720001	128.399994	125.900002	128.320007
		128.320007			
## 3330	2010-08-09	128.460007	129.929993	127.849998	128.830002
		128.830002			
## 3331	2010-08-10	127.949997	130.000000	127.379997	130.000000
		130.000000			
## 3332	2010-08-11	128.100006	128.119995	125.199997	125.889999
		125.889999			
## 3333	2010-08-12	123.760002	127.000000	123.550003	126.559998
		126.559998			
## 3334	2010-08-13	126.059998	127.480003	124.260002	124.690002
		124.690002			
## 3335	2010-08-16	123.610001	127.370003	123.040001	126.070000
		126.070000			
## 3336	2010-08-17	127.339996	129.979996	126.790001	128.860001
		128.860001			

## 3337	2010-08-18	129.250000	130.809998	128.259995	129.649994
129.649994					
## 3338	2010-08-19	129.220001	130.020004	126.820000	127.570000
127.570000					
## 3339	2010-08-20	127.199997	128.039993	126.019997	127.760002
127.760002					
## 3340	2010-08-23	127.860001	129.220001	126.500000	126.599998
126.599998					
## 3341	2010-08-24	125.410004	125.440002	123.180000	124.529999
124.529999					
## 3342	2010-08-25	123.849998	127.370003	123.830002	126.849998
126.849998					
## 3343	2010-08-26	127.150002	127.589996	124.820000	124.860001
124.860001					
## 3344	2010-08-27	125.459999	126.639999	122.250000	126.639999
126.639999					
## 3345	2010-08-30	126.029999	126.949997	123.690002	123.790001
123.790001					
## 3346	2010-08-31	122.849998	125.900002	122.500000	124.830002
124.830002					
## 3347	2010-09-01	126.360001	132.600006	126.169998	132.490005
132.490005					
## 3348	2010-09-02	132.169998	135.210007	132.050003	135.210007
135.210007					
## 3349	2010-09-03	136.889999	139.500000	136.630005	138.789993
138.789993					
## 3350	2010-09-07	137.559998	138.600006	136.889999	137.220001
137.220001					
## 3351	2010-09-08	137.929993	139.699997	136.449997	139.139999
139.139999					
## 3352	2010-09-09	140.389999	141.369995	139.259995	140.380005
140.380005					
## 3353	2010-09-10	140.750000	142.600006	140.039993	142.440002
142.440002					
## 3354	2010-09-13	144.070007	145.740005	143.759995	145.070007
145.070007					
## 3355	2010-09-14	144.500000	146.699997	143.830002	145.750000
145.750000					
## 3356	2010-09-15	144.880005	145.619995	143.559998	145.449997
145.449997					
## 3357	2010-09-16	145.399994	148.229996	145.160004	148.130005
148.130005					
## 3358	2010-09-17	148.899994	148.979996	146.500000	148.320007
148.320007					
## 3359	2010-09-20	148.699997	151.949997	147.350006	151.300003
151.300003					
## 3360	2010-09-21	150.759995	153.309998	149.600006	150.729996
150.729996					
## 3361	2010-09-22	149.839996	152.699997	149.100006	151.830002
151.830002					

## 3362	2010-09-23	151.199997	155.919998	150.970001	152.850006
		152.850006			
## 3363	2010-09-24	155.429993	160.889999	155.419998	160.729996
		160.729996			
## 3364	2010-09-27	160.220001	161.199997	157.880005	159.369995
		159.369995			
## 3365	2010-09-28	159.839996	160.880005	154.889999	159.699997
		159.699997			
## 3366	2010-09-29	159.029999	161.779999	157.750000	158.990005
		158.990005			
## 3367	2010-09-30	160.009995	160.929993	155.600006	157.059998
		157.059998			
## 3368	2010-10-01	157.080002	157.440002	152.199997	153.710007
		153.710007			
## 3369	2010-10-04	153.949997	155.960007	152.789993	155.389999
		155.389999			
## 3370	2010-10-05	157.080002	161.210007	157.009995	160.869995
		160.869995			
## 3371	2010-10-06	160.600006	160.679993	154.600006	155.399994
		155.399994			
## 3372	2010-10-07	156.509995	157.399994	153.389999	156.270004
		156.270004			
## 3373	2010-10-08	155.179993	156.279999	152.779999	155.550003
		155.550003			
## 3374	2010-10-11	154.889999	156.630005	152.339996	153.029999
		153.029999			
## 3375	2010-10-12	152.509995	156.949997	151.399994	156.479996
		156.479996			
## 3376	2010-10-13	156.690002	156.789993	153.850006	155.169998
		155.169998			
## 3377	2010-10-14	155.160004	156.949997	154.229996	155.529999
		155.529999			
## 3378	2010-10-15	158.419998	164.880005	156.750000	164.639999
		164.639999			
## 3379	2010-10-18	165.000000	165.190002	161.820007	163.559998
		163.559998			
## 3380	2010-10-19	160.679993	162.800003	157.000000	158.669998
		158.669998			
## 3381	2010-10-20	158.779999	159.869995	156.570007	158.669998
		158.669998			
## 3382	2010-10-21	162.669998	166.130005	161.289993	164.970001
		164.970001			
## 3383	2010-10-22	162.449997	170.169998	162.270004	169.130005
		169.130005			
## 3384	2010-10-25	171.570007	171.990005	168.320007	169.000000
		169.000000			
## 3385	2010-10-26	167.570007	171.000000	167.500000	169.949997
		169.949997			
## 3386	2010-10-27	168.910004	169.750000	166.539993	167.509995
		167.509995			

## 3387	2010-10-28	168.309998	168.490005	165.050003	166.839996
166.839996					
## 3388	2010-10-29	165.800003	168.500000	164.809998	165.229996
165.229996					
## 3389	2010-11-01	164.449997	164.580002	161.520004	162.580002
162.580002					
## 3390	2010-11-02	163.750000	165.940002	163.360001	164.610001
164.610001					
## 3391	2010-11-03	165.399994	168.610001	162.289993	168.470001
168.470001					
## 3392	2010-11-04	169.860001	172.529999	168.399994	168.929993
168.929993					
## 3393	2010-11-05	169.350006	171.649994	168.589996	170.770004
170.770004					
## 3394	2010-11-08	170.839996	173.199997	168.779999	171.990005
171.990005					
## 3395	2010-11-09	172.669998	173.139999	169.059998	170.270004
170.270004					
## 3396	2010-11-10	170.589996	173.369995	169.410004	173.330002
173.330002					
## 3397	2010-11-11	171.000000	172.050003	169.419998	170.369995
170.369995					
## 3398	2010-11-12	170.119995	171.259995	165.050003	165.679993
165.679993					
## 3399	2010-11-15	165.160004	165.350006	158.559998	158.899994
158.899994					
## 3400	2010-11-16	158.740005	160.910004	156.770004	157.779999
157.779999					
## 3401	2010-11-17	157.839996	160.850006	157.550003	158.350006
158.350006					
## 3402	2010-11-18	160.740005	165.000000	160.740005	164.169998
164.169998					
## 3403	2010-11-19	163.949997	164.990005	162.839996	164.820007
164.820007					
## 3404	2010-11-22	165.100006	170.600006	165.000000	170.389999
170.389999					
## 3405	2010-11-23	168.610001	168.809998	164.619995	168.199997
168.199997					
## 3406	2010-11-24	171.529999	177.889999	171.529999	177.250000
177.250000					
## 3407	2010-11-26	177.360001	178.380005	176.160004	177.199997
177.199997					
## 3408	2010-11-29	179.990005	181.839996	177.570007	179.490005
179.490005					
## 3409	2010-11-30	176.949997	177.699997	174.899994	175.399994
175.399994					
## 3410	2010-12-01	179.160004	179.320007	176.000000	176.550003
176.550003					
## 3411	2010-12-02	176.860001	177.449997	173.919998	176.529999
176.529999					

## 3412	2010-12-03	175.500000	176.399994	174.050003	175.679993
175.679993					
## 3413	2010-12-06	175.520004	178.429993	174.600006	178.050003
178.050003					
## 3414	2010-12-07	180.500000	181.470001	176.570007	176.770004
176.770004					
## 3415	2010-12-08	177.490005	178.160004	175.199997	176.289993
176.289993					
## 3416	2010-12-09	177.770004	178.110001	173.800003	174.850006
174.850006					
## 3417	2010-12-10	174.880005	175.949997	173.360001	175.619995
175.619995					
## 3418	2010-12-13	176.330002	177.940002	173.729996	174.250000
174.250000					
## 3419	2010-12-14	174.279999	175.759995	173.089996	173.940002
173.940002					
## 3420	2010-12-15	173.720001	179.000000	173.589996	175.570007
175.570007					
## 3421	2010-12-16	175.580002	178.300003	175.039993	178.039993
178.039993					
## 3422	2010-12-17	178.410004	178.750000	177.020004	177.580002
177.580002					
## 3423	2010-12-20	179.270004	183.979996	178.039993	183.289993
183.289993					
## 3424	2010-12-21	183.880005	185.649994	182.600006	184.750000
184.750000					
## 3425	2010-12-22	185.000000	185.449997	184.110001	184.759995
184.759995					
## 3426	2010-12-23	184.339996	184.979996	181.889999	182.589996
182.589996					
## 3427	2010-12-27	181.899994	183.139999	180.449997	182.139999
182.139999					
## 3428	2010-12-28	182.100006	182.770004	181.050003	181.089996
181.089996					
## 3429	2010-12-29	181.800003	184.350006	180.410004	183.369995
183.369995					
## 3430	2010-12-30	183.919998	184.550003	182.750000	182.750000
182.750000					
## 3431	2010-12-31	181.960007	182.300003	179.509995	180.000000
180.000000					
## 3432	2011-01-03	181.369995	186.000000	181.210007	184.220001
184.220001					
## 3433	2011-01-04	186.149994	187.699997	183.779999	185.009995
185.009995					
## 3434	2011-01-05	184.100006	187.449997	184.070007	187.419998
187.419998					
## 3435	2011-01-06	186.500000	187.410004	185.250000	185.860001
185.860001					
## 3436	2011-01-07	187.880005	188.449997	183.740005	185.490005
185.490005					

## 3437	2011-01-10	185.039993	185.289993	182.509995	184.679993
		184.679993			
## 3438	2011-01-11	185.419998	186.000000	183.210007	184.339996
		184.339996			
## 3439	2011-01-12	185.360001	185.380005	183.300003	184.080002
		184.080002			
## 3440	2011-01-13	183.600006	186.449997	183.509995	185.529999
		185.529999			
## 3441	2011-01-14	185.500000	188.940002	184.919998	188.750000
		188.750000			
## 3442	2011-01-18	188.660004	191.600006	188.250000	191.250000
		191.250000			
## 3443	2011-01-19	190.899994	191.000000	186.210007	186.869995
		186.869995			
## 3444	2011-01-20	185.289993	186.850006	181.000000	181.960007
		181.960007			
## 3445	2011-01-21	183.000000	183.250000	176.839996	177.419998
		177.419998			
## 3446	2011-01-24	177.949997	178.490005	174.149994	176.850006
		176.850006			
## 3447	2011-01-25	175.500000	176.750000	174.279999	176.699997
		176.699997			
## 3448	2011-01-26	177.509995	177.889999	174.630005	175.389999
		175.389999			
## 3449	2011-01-27	177.479996	185.000000	177.309998	184.449997
		184.449997			
## 3450	2011-01-28	171.449997	173.710007	166.899994	171.139999
		171.139999			
## 3451	2011-01-31	170.160004	171.440002	167.410004	169.639999
		169.639999			
## 3452	2011-02-01	170.520004	173.100006	169.509995	172.110001
		172.110001			
## 3453	2011-02-02	171.419998	175.199997	170.869995	173.529999
		173.529999			
## 3454	2011-02-03	173.500000	174.669998	171.949997	173.710007
		173.710007			
## 3455	2011-02-04	174.000000	177.190002	173.750000	175.929993
		175.929993			
## 3456	2011-02-07	176.149994	177.550003	174.770004	176.429993
		176.429993			
## 3457	2011-02-08	176.660004	183.110001	176.589996	183.059998
		183.059998			
## 3458	2011-02-09	183.149994	186.470001	182.259995	185.300003
		185.300003			
## 3459	2011-02-10	184.389999	187.240005	183.600006	186.210007
		186.210007			
## 3460	2011-02-11	185.559998	189.500000	185.369995	189.250000
		189.250000			
## 3461	2011-02-14	189.250000	191.399994	188.350006	190.419998
		190.419998			

## 3462	2011-02-15	188.729996	190.490005	188.250000	189.029999
		189.029999			
## 3463	2011-02-16	189.770004	190.000000	186.350006	186.619995
		186.619995			
## 3464	2011-02-17	185.770004	189.089996	185.309998	187.759995
		187.759995			
## 3465	2011-02-18	187.539993	188.500000	185.130005	186.500000
		186.500000			
## 3466	2011-02-22	183.679993	184.720001	179.320007	180.419998
		180.419998			
## 3467	2011-02-23	180.250000	181.149994	174.389999	176.679993
		176.679993			
## 3468	2011-02-24	176.860001	179.750000	174.559998	177.750000
		177.750000			
## 3469	2011-02-25	178.949997	180.750000	177.100006	177.240005
		177.240005			
## 3470	2011-02-28	173.910004	175.889999	172.149994	173.289993
		173.289993			
## 3471	2011-03-01	173.529999	173.960007	168.669998	169.440002
		169.440002			
## 3472	2011-03-02	169.089996	173.300003	168.350006	172.020004
		172.020004			
## 3473	2011-03-03	173.710007	174.460007	172.050003	172.789993
		172.789993			
## 3474	2011-03-04	172.619995	172.750000	169.509995	171.669998
		171.669998			
## 3475	2011-03-07	171.919998	172.089996	166.240005	169.080002
		169.080002			
## 3476	2011-03-08	169.389999	169.710007	166.720001	166.889999
		166.889999			
## 3477	2011-03-09	166.669998	169.750000	163.899994	169.050003
		169.050003			
## 3478	2011-03-10	167.070007	168.470001	164.820007	166.139999
		166.139999			
## 3479	2011-03-11	165.500000	169.199997	164.119995	168.070007
		168.070007			
## 3480	2011-03-14	166.600006	168.080002	164.570007	166.729996
		166.729996			
## 3481	2011-03-15	161.389999	166.880005	160.759995	165.080002
		165.080002			
## 3482	2011-03-16	164.699997	168.139999	162.869995	164.699997
		164.699997			
## 3483	2011-03-17	165.910004	166.300003	160.779999	160.970001
		160.970001			
## 3484	2011-03-18	161.190002	163.539993	160.589996	161.820007
		161.820007			
## 3485	2011-03-21	163.369995	165.789993	161.720001	164.520004
		164.520004			
## 3486	2011-03-22	164.070007	164.440002	162.250000	162.600006
		162.600006			

## 3487	2011-03-23	162.30003	166.25995	160.82007	165.32007
		165.32007			
## 3488	2011-03-24	168.21007	172.00000	167.36001	171.10006
	171.10006				
## 3489	2011-03-25	171.63999	173.49005	170.30003	170.97996
	170.97996				
## 3490	2011-03-28	171.80003	172.50000	169.25000	169.35006
	169.35006				
## 3491	2011-03-29	170.72996	174.83996	170.07007	174.61995
	174.61995				
## 3492	2011-03-30	177.77999	181.16004	177.66004	179.41998
	179.41998				
## 3493	2011-03-31	179.30998	181.57007	178.50000	180.13005
	180.13005				
## 3494	2011-04-01	181.58002	183.25000	178.58996	180.13005
	180.13005				
## 3495	2011-04-04	180.88999	183.61001	180.69002	182.94002
	182.94002				
## 3496	2011-04-05	182.10006	186.36001	181.80003	185.28993
	185.28993				
## 3497	2011-04-06	186.14994	188.27004	181.11995	182.75995
	182.75995				
## 3498	2011-04-07	182.77999	185.16998	181.75995	184.91004
	184.91004				
## 3499	2011-04-08	185.25995	186.22001	182.77999	184.71007
	184.71007				
## 3500	2011-04-11	184.86001	186.49005	181.85006	184.03993
	184.03993				
## 3501	2011-04-12	183.05998	184.58996	179.41998	180.47996
	180.47996				
## 3502	2011-04-13	180.83002	182.88005	179.80003	182.28993
	182.28993				
## 3503	2011-04-14	181.38999	182.08002	179.36001	181.82007
	181.82007				
## 3504	2011-04-15	181.00000	181.77999	179.02004	180.00995
	180.00995				
## 3505	2011-04-18	178.38005	178.91004	175.36995	178.33996
	178.33996				
## 3506	2011-04-19	178.35006	179.47001	176.60006	178.82007
	178.82007				
## 3507	2011-04-20	181.61995	185.00000	181.58996	183.86995
	183.86995				
## 3508	2011-04-21	184.55998	185.97001	183.05003	185.88999
	185.88999				
## 3509	2011-04-25	185.64994	186.35006	183.77004	185.41998
	185.41998				
## 3510	2011-04-26	186.27004	186.41998	180.74005	182.30003
	182.30003				
## 3511	2011-04-27	183.19997	197.80003	182.75000	196.63005
	196.63005				

## 3512	2011-04-28	195.960007	196.789993	192.270004	195.070007
195.070007					
## 3513	2011-04-29	194.380005	196.589996	193.779999	195.809998
195.809998					
## 3514	2011-05-02	196.570007	203.419998	196.179993	201.190002
201.190002					
## 3515	2011-05-03	201.000000	202.589996	196.690002	198.449997
198.449997					
## 3516	2011-05-04	198.250000	201.860001	195.369995	199.970001
199.970001					
## 3517	2011-05-05	198.660004	201.000000	196.119995	197.110001
197.110001					
## 3518	2011-05-06	199.100006	199.559998	196.559998	197.600006
197.600006					
## 3519	2011-05-09	198.339996	202.360001	196.779999	200.800003
200.800003					
## 3520	2011-05-10	201.940002	205.289993	201.559998	203.940002
203.940002					
## 3521	2011-05-11	203.119995	205.500000	202.250000	204.380005
204.380005					
## 3522	2011-05-12	204.220001	206.190002	200.619995	206.070007
206.070007					
## 3523	2011-05-13	205.699997	206.389999	202.360001	202.559998
202.559998					
## 3524	2011-05-16	200.539993	200.899994	191.369995	192.509995
192.509995					
## 3525	2011-05-17	191.820007	195.979996	191.759995	194.809998
194.809998					
## 3526	2011-05-18	194.130005	198.279999	193.250000	197.089996
197.089996					
## 3527	2011-05-19	198.330002	199.949997	197.550003	198.800003
198.800003					
## 3528	2011-05-20	197.949997	199.800003	197.240005	198.649994
198.649994					
## 3529	2011-05-23	195.559998	197.289993	192.020004	196.220001
196.220001					
## 3530	2011-05-24	197.000000	197.000000	193.000000	193.270004
193.270004					
## 3531	2011-05-25	193.570007	194.350006	191.139999	192.259995
192.259995					
## 3532	2011-05-26	191.240005	196.449997	190.880005	195.000000
195.000000					
## 3533	2011-05-27	194.759995	196.119995	193.500000	194.130005
194.130005					
## 3534	2011-05-31	195.940002	198.440002	195.029999	196.690002
196.690002					
## 3535	2011-06-01	196.059998	197.259995	192.050003	192.399994
192.399994					
## 3536	2011-06-02	192.279999	194.440002	190.559998	193.649994
193.649994					

## 3537	2011-06-03	191.229996	193.210007	187.619995	188.320007
		188.320007			
## 3538	2011-06-06	188.009995	189.850006	185.179993	185.690002
		185.690002			
## 3539	2011-06-07	185.720001	190.630005	185.520004	187.550003
		187.550003			
## 3540	2011-06-08	187.449997	189.809998	186.320007	188.050003
		188.050003			
## 3541	2011-06-09	189.740005	191.759995	185.710007	189.679993
		189.679993			
## 3542	2011-06-10	189.250000	190.770004	186.279999	186.529999
		186.529999			
## 3543	2011-06-13	186.809998	189.309998	184.860001	186.289993
		186.289993			
## 3544	2011-06-14	188.990005	190.720001	187.070007	189.960007
		189.960007			
## 3545	2011-06-15	188.039993	192.449997	185.300003	185.979996
		185.979996			
## 3546	2011-06-16	185.740005	187.000000	181.589996	183.649994
		183.649994			
## 3547	2011-06-17	186.509995	187.389999	184.639999	186.369995
		186.369995			
## 3548	2011-06-20	185.960007	188.850006	185.570007	187.720001
		187.720001			
## 3549	2011-06-21	188.300003	195.000000	187.119995	194.229996
		194.229996			
## 3550	2011-06-22	193.960007	195.199997	191.320007	191.630005
		191.630005			
## 3551	2011-06-23	189.500000	194.460007	188.300003	194.160004
		194.160004			
## 3552	2011-06-24	193.880005	194.919998	191.350006	192.550003
		192.550003			
## 3553	2011-06-27	194.500000	202.580002	194.029999	201.250000
		201.250000			
## 3554	2011-06-28	201.919998	202.880005	200.600006	202.350006
		202.350006			
## 3555	2011-06-29	202.669998	206.250000	201.029999	204.179993
		204.179993			
## 3556	2011-06-30	200.779999	205.199997	200.500000	204.490005
		204.490005			
## 3557	2011-07-01	205.550003	210.270004	203.610001	209.490005
		209.490005			
## 3558	2011-07-05	208.759995	214.449997	208.729996	213.190002
		213.190002			
## 3559	2011-07-06	212.119995	214.399994	211.009995	214.190002
		214.190002			
## 3560	2011-07-07	215.089996	217.800003	215.089996	216.740005
		216.740005			
## 3561	2011-07-08	214.300003	218.320007	213.250000	218.279999
		218.279999			

## 3562	2011-07-11	216.740005	217.500000	211.000000	212.550003
212.550003					
## 3563	2011-07-12	214.639999	215.649994	211.119995	211.229996
211.229996					
## 3564	2011-07-13	214.699997	216.830002	212.139999	213.500000
213.500000					
## 3565	2011-07-14	213.580002	215.910004	209.380005	210.380005
210.380005					
## 3566	2011-07-15	213.080002	214.529999	209.289993	212.869995
212.869995					
## 3567	2011-07-18	212.529999	213.389999	208.289993	211.529999
211.529999					
## 3568	2011-07-19	213.770004	218.399994	213.770004	218.059998
218.059998					
## 3569	2011-07-20	220.050003	220.199997	214.410004	215.550003
215.550003					
## 3570	2011-07-21	216.740005	217.089996	211.070007	213.210007
213.210007					
## 3571	2011-07-22	213.860001	217.949997	211.110001	216.520004
216.520004					
## 3572	2011-07-25	215.490005	216.080002	213.000000	213.490005
213.490005					
## 3573	2011-07-26	214.990005	215.600006	210.350006	214.179993
214.179993					
## 3574	2011-07-27	224.389999	227.199997	219.619995	222.520004
222.520004					
## 3575	2011-07-28	223.270004	225.949997	220.229996	223.899994
223.899994					
## 3576	2011-07-29	221.289993	225.750000	219.509995	222.520004
222.520004					
## 3577	2011-08-01	225.000000	227.449997	217.660004	221.320007
221.320007					
## 3578	2011-08-02	220.320007	222.429993	211.300003	211.699997
211.699997					
## 3579	2011-08-03	212.970001	214.830002	205.539993	209.960007
209.960007					
## 3580	2011-08-04	206.729996	208.000000	201.449997	201.479996
201.479996					
## 3581	2011-08-05	204.669998	207.320007	194.839996	202.699997
202.699997					
## 3582	2011-08-08	196.399994	200.389999	190.050003	193.699997
193.699997					
## 3583	2011-08-09	196.699997	205.089996	190.460007	205.089996
205.089996					
## 3584	2011-08-10	200.759995	202.399994	193.600006	194.130005
194.130005					
## 3585	2011-08-11	197.009995	200.850006	191.360001	198.360001
198.360001					
## 3586	2011-08-12	200.279999	204.559998	197.210007	202.300003
202.300003					

## 3587	2011-08-15	202.059998	205.279999	198.320007	202.949997
202.949997					
## 3588	2011-08-16	201.139999	201.389999	194.750000	197.679993
197.679993					
## 3589	2011-08-17	198.529999	199.600006	193.740005	195.929993
195.929993					
## 3590	2011-08-18	191.210007	191.339996	179.720001	182.520004
182.520004					
## 3591	2011-08-19	180.289993	190.000000	177.550003	178.929993
178.929993					
## 3592	2011-08-22	182.830002	184.199997	177.100006	177.539993
177.539993					
## 3593	2011-08-23	178.919998	194.839996	178.520004	193.550003
193.550003					
## 3594	2011-08-24	193.889999	196.309998	190.169998	193.729996
193.729996					
## 3595	2011-08-25	194.410004	196.990005	191.070007	192.029999
192.029999					
## 3596	2011-08-26	191.240005	199.720001	189.600006	199.270004
199.270004					
## 3597	2011-08-29	202.820007	206.669998	202.550003	206.529999
206.529999					
## 3598	2011-08-30	205.779999	212.490005	204.320007	210.919998
210.919998					
## 3599	2011-08-31	212.270004	216.169998	211.350006	215.229996
215.229996					
## 3600	2011-09-01	215.279999	217.639999	211.619995	212.539993
212.539993					
## 3601	2011-09-02	208.940002	210.690002	207.000000	210.000000
210.000000					
## 3602	2011-09-06	204.770004	216.600006	204.470001	216.179993
216.179993					
## 3603	2011-09-07	218.800003	220.190002	214.220001	219.899994
219.899994					
## 3604	2011-09-08	218.300003	220.639999	216.339996	217.259995
217.259995					
## 3605	2011-09-09	215.050003	216.960007	209.750000	211.389999
211.389999					
## 3606	2011-09-12	208.750000	216.660004	208.649994	216.559998
216.559998					
## 3607	2011-09-13	217.789993	219.949997	215.009995	219.529999
219.529999					
## 3608	2011-09-14	220.220001	224.990005	216.720001	222.570007
222.570007					
## 3609	2011-09-15	223.990005	227.199997	221.250000	226.779999
226.779999					
## 3610	2011-09-16	227.570007	240.440002	226.740005	239.300003
239.300003					
## 3611	2011-09-19	237.110001	244.000000	232.880005	241.690002
241.690002					

## 3612	2011-09-20	240.800003	241.050003	231.029999	233.250000
233.250000					
## 3613	2011-09-21	234.509995	240.520004	231.809998	231.869995
231.869995					
## 3614	2011-09-22	224.720001	228.789993	219.000000	223.229996
223.229996					
## 3615	2011-09-23	220.509995	224.490005	219.059998	223.610001
223.610001					
## 3616	2011-09-26	227.479996	230.240005	221.399994	229.850006
229.850006					
## 3617	2011-09-27	234.220001	234.750000	222.399994	224.210007
224.210007					
## 3618	2011-09-28	226.350006	235.809998	225.600006	229.710007
229.710007					
## 3619	2011-09-29	234.169998	234.300003	216.289993	222.440002
222.440002					
## 3620	2011-09-30	218.190002	223.000000	215.210007	216.229996
216.229996					
## 3621	2011-10-03	217.009995	221.600006	211.389999	211.979996
211.979996					
## 3622	2011-10-04	209.619995	215.000000	200.429993	212.500000
212.500000					
## 3623	2011-10-05	212.529999	220.169998	208.479996	219.500000
219.500000					
## 3624	2011-10-06	220.279999	223.619995	217.550003	221.509995
221.509995					
## 3625	2011-10-07	222.479996	227.899994	218.410004	224.740005
224.740005					
## 3626	2011-10-10	226.229996	232.800003	224.100006	231.320007
231.320007					
## 3627	2011-10-11	230.600006	236.750000	229.000000	235.479996
235.479996					
## 3628	2011-10-12	236.639999	241.839996	234.330002	236.809998
236.809998					
## 3629	2011-10-13	237.000000	239.679993	235.229996	236.149994
236.149994					
## 3630	2011-10-14	240.869995	246.710007	240.179993	246.710007
246.710007					
## 3631	2011-10-17	244.289993	246.710007	240.669998	242.330002
242.330002					
## 3632	2011-10-18	242.309998	244.610001	236.619995	243.880005
243.880005					
## 3633	2011-10-19	240.669998	243.330002	229.250000	231.529999
231.529999					
## 3634	2011-10-20	232.130005	234.740005	229.800003	233.610001
233.610001					
## 3635	2011-10-21	236.910004	237.000000	230.600006	234.779999
234.779999					
## 3636	2011-10-24	236.020004	240.470001	234.000000	237.610001
237.610001					

## 3637	2011-10-25	238.589996	239.009995	225.889999	227.149994
		227.149994			
## 3638	2011-10-26	203.690002	207.580002	196.509995	198.399994
		198.399994			
## 3639	2011-10-27	204.259995	208.600006	201.100006	206.779999
		206.779999			
## 3640	2011-10-28	206.529999	218.399994	205.750000	217.320007
		217.320007			
## 3641	2011-10-31	215.789993	218.889999	213.039993	213.509995
		213.509995			
## 3642	2011-11-01	208.110001	216.210007	207.429993	212.100006
		212.100006			
## 3643	2011-11-02	215.550003	216.789993	212.720001	215.619995
		215.619995			
## 3644	2011-11-03	216.300003	218.500000	213.020004	218.289993
		218.289993			
## 3645	2011-11-04	217.649994	218.229996	214.330002	216.479996
		216.479996			
## 3646	2011-11-07	216.839996	220.199997	214.000000	217.000000
		217.000000			
## 3647	2011-11-08	219.199997	219.350006	215.210007	217.990005
		217.990005			
## 3648	2011-11-09	214.949997	215.699997	210.600006	211.220001
		211.220001			
## 3649	2011-11-10	213.500000	214.059998	208.100006	210.789993
		210.789993			
## 3650	2011-11-11	212.520004	217.880005	210.309998	217.389999
		217.389999			
## 3651	2011-11-14	215.649994	222.350006	214.250000	218.929993
		218.929993			
## 3652	2011-11-15	218.000000	220.330002	214.259995	217.830002
		217.830002			
## 3653	2011-11-16	216.270004	216.970001	211.229996	211.990005
		211.990005			
## 3654	2011-11-17	212.509995	212.899994	202.100006	204.520004
		204.520004			
## 3655	2011-11-18	205.330002	205.339996	197.110001	197.139999
		197.139999			
## 3656	2011-11-21	193.289993	193.360001	185.050003	189.250000
		189.250000			
## 3657	2011-11-22	186.949997	194.039993	183.580002	192.339996
		192.339996			
## 3658	2011-11-23	193.059998	194.600006	187.889999	188.990005
		188.990005			
## 3659	2011-11-25	190.410004	190.830002	181.509995	182.399994
		182.399994			
## 3660	2011-11-28	191.649994	194.619995	190.539993	194.149994
		194.149994			
## 3661	2011-11-29	194.779999	195.500000	187.300003	188.389999
		188.389999			

## 3662	2011-11-30	194.759995	195.300003	188.750000	192.289993
		192.289993			
## 3663	2011-12-01	191.850006	198.070007	191.589996	197.130005
		197.130005			
## 3664	2011-12-02	197.070007	199.660004	195.179993	196.029999
		196.029999			
## 3665	2011-12-05	198.860001	199.000000	193.669998	196.240005
		196.240005			
## 3666	2011-12-06	195.979996	198.320007	190.110001	191.990005
		191.990005			
## 3667	2011-12-07	191.029999	196.710007	189.119995	195.320007
		195.320007			
## 3668	2011-12-08	193.570007	195.889999	190.080002	190.479996
		190.479996			
## 3669	2011-12-09	191.210007	193.949997	188.399994	193.029999
		193.029999			
## 3670	2011-12-12	190.029999	191.149994	187.630005	189.520004
		189.520004			
## 3671	2011-12-13	188.559998	189.679993	178.500000	180.509995
		180.509995			
## 3672	2011-12-14	179.000000	180.750000	170.250000	180.210007
		180.210007			
## 3673	2011-12-15	182.050003	184.800003	179.529999	181.259995
		181.259995			
## 3674	2011-12-16	182.419998	184.410004	180.309998	181.259995
		181.259995			
## 3675	2011-12-19	182.000000	183.169998	179.000000	179.330002
		179.330002			
## 3676	2011-12-20	182.690002	183.169998	180.539993	182.520004
		182.520004			
## 3677	2011-12-21	181.919998	183.500000	172.490005	174.350006
		174.350006			
## 3678	2011-12-22	175.089996	179.669998	174.210007	179.029999
		179.029999			
## 3679	2011-12-23	179.220001	179.679993	175.600006	177.279999
		177.279999			
## 3680	2011-12-27	177.729996	178.589996	176.160004	176.270004
		176.270004			
## 3681	2011-12-28	176.389999	176.649994	172.279999	173.889999
		173.889999			
## 3682	2011-12-29	169.619995	174.550003	166.970001	173.860001
		173.860001			
## 3683	2011-12-30	173.360001	175.169998	172.490005	173.100006
		173.100006			
## 3684	2012-01-03	175.889999	179.479996	175.550003	179.029999
		179.029999			
## 3685	2012-01-04	179.210007	180.500000	176.070007	177.509995
		177.509995			
## 3686	2012-01-05	175.940002	178.250000	174.050003	177.610001
		177.610001			

## 3687	2012-01-06	178.070007	184.649994	177.500000	182.610001
182.610001					
## 3688	2012-01-09	182.759995	184.369995	177.000000	178.559998
178.559998					
## 3689	2012-01-10	181.100006	182.399994	177.100006	179.339996
179.339996					
## 3690	2012-01-11	179.639999	180.770004	178.190002	178.899994
178.899994					
## 3691	2012-01-12	179.419998	179.490005	175.750000	175.929993
175.929993					
## 3692	2012-01-13	175.809998	178.800003	173.500000	178.419998
178.419998					
## 3693	2012-01-17	180.149994	183.300003	178.509995	181.660004
181.660004					
## 3694	2012-01-18	181.940002	190.250000	181.119995	189.440002
189.440002					
## 3695	2012-01-19	190.880005	195.940002	190.360001	194.449997
194.449997					
## 3696	2012-01-20	190.710007	192.899994	189.039993	190.929993
190.929993					
## 3697	2012-01-23	190.789993	191.729996	185.229996	186.089996
186.089996					
## 3698	2012-01-24	185.000000	188.410004	183.820007	187.000000
187.000000					
## 3699	2012-01-25	186.990005	188.169998	184.610001	187.800003
187.800003					
## 3700	2012-01-26	189.300003	194.850006	188.729996	193.320007
193.320007					
## 3701	2012-01-27	193.089996	196.500000	192.330002	195.369995
195.369995					
## 3702	2012-01-30	193.679993	195.000000	190.130005	192.149994
192.149994					
## 3703	2012-01-31	194.000000	195.630005	189.699997	194.440002
194.440002					
## 3704	2012-02-01	173.809998	179.949997	172.000000	179.460007
179.460007					
## 3705	2012-02-02	179.649994	181.940002	176.800003	181.720001
181.720001					
## 3706	2012-02-03	182.830002	187.899994	181.889999	187.679993
187.679993					
## 3707	2012-02-06	186.279999	186.559998	182.919998	183.139999
183.139999					
## 3708	2012-02-07	182.649994	184.940002	182.059998	184.190002
184.190002					
## 3709	2012-02-08	184.949997	186.490005	182.910004	185.479996
185.479996					
## 3710	2012-02-09	184.500000	185.690002	181.759995	184.979996
184.979996					
## 3711	2012-02-10	183.419998	187.630005	182.520004	185.539993
185.539993					

## 3712	2012-02-13	187.169998	192.500000	185.679993	191.589996
		191.589996			
## 3713	2012-02-14	191.080002	193.570007	186.100006	191.300003
		191.300003			
## 3714	2012-02-15	191.289993	191.539993	183.259995	184.470001
		184.470001			
## 3715	2012-02-16	177.789993	181.679993	175.139999	179.929993
		179.929993			
## 3716	2012-02-17	180.089996	183.410004	179.360001	182.500000
		182.500000			
## 3717	2012-02-21	182.649994	184.750000	180.580002	182.259995
		182.259995			
## 3718	2012-02-22	181.949997	182.990005	180.289993	180.580002
		180.580002			
## 3719	2012-02-23	179.639999	180.750000	176.960007	178.889999
		178.889999			
## 3720	2012-02-24	179.699997	180.740005	178.369995	179.130005
		179.130005			
## 3721	2012-02-27	177.539993	179.190002	176.500000	178.529999
		178.529999			
## 3722	2012-02-28	178.899994	184.289993	177.949997	183.800003
		183.800003			
## 3723	2012-02-29	183.889999	184.000000	179.009995	179.690002
		179.690002			
## 3724	2012-03-01	179.889999	180.490005	176.580002	180.039993
		180.039993			
## 3725	2012-03-02	179.479996	181.839996	178.919998	179.300003
		179.300003			
## 3726	2012-03-05	179.000000	181.820007	178.179993	180.259995
		180.259995			
## 3727	2012-03-06	178.679993	183.500000	178.039993	181.089996
		181.089996			
## 3728	2012-03-07	182.649994	185.500000	182.399994	183.770004
		183.770004			
## 3729	2012-03-08	184.169998	188.380005	183.800003	187.639999
		187.639999			
## 3730	2012-03-09	186.789993	187.199997	183.440002	184.320007
		184.320007			
## 3731	2012-03-12	184.130005	185.399994	182.199997	183.389999
		183.389999			
## 3732	2012-03-13	183.919998	184.869995	180.770004	184.589996
		184.589996			
## 3733	2012-03-14	183.649994	184.320007	181.139999	182.259995
		182.259995			
## 3734	2012-03-15	182.020004	184.429993	180.300003	184.429993
		184.429993			
## 3735	2012-03-16	183.279999	185.679993	182.350006	185.050003
		185.050003			
## 3736	2012-03-19	183.449997	186.679993	183.000000	185.520004
		185.520004			

## 3737	2012-03-20	184.880005	194.410004	182.880005	192.330002
		192.330002			
## 3738	2012-03-21	192.500000	194.279999	191.259995	191.729996
		191.729996			
## 3739	2012-03-22	190.539993	194.059998	190.259995	192.399994
		192.399994			
## 3740	2012-03-23	192.009995	196.199997	191.800003	195.039993
		195.039993			
## 3741	2012-03-26	196.479996	202.970001	195.500000	202.869995
		202.869995			
## 3742	2012-03-27	203.589996	209.850006	202.880005	205.440002
		205.440002			
## 3743	2012-03-28	206.139999	207.000000	200.309998	201.160004
		201.160004			
## 3744	2012-03-29	201.279999	205.309998	200.630005	204.610001
		204.610001			
## 3745	2012-03-30	205.020004	206.850006	201.869995	202.509995
		202.509995			
## 3746	2012-04-02	198.020004	199.899994	197.000000	198.050003
		198.050003			
## 3747	2012-04-03	198.240005	202.389999	197.500000	199.660004
		199.660004			
## 3748	2012-04-04	196.949997	197.679993	192.360001	193.990005
		193.990005			
## 3749	2012-04-05	193.550003	196.029999	193.550003	194.389999
		194.389999			
## 3750	2012-04-09	192.020004	194.199997	190.500000	191.869995
		191.869995			
## 3751	2012-04-10	192.750000	193.520004	186.570007	186.979996
		186.979996			
## 3752	2012-04-11	189.630005	191.970001	186.789993	187.970001
		187.970001			
## 3753	2012-04-12	188.059998	192.259995	185.610001	190.690002
		190.690002			
## 3754	2012-04-13	189.899994	189.940002	186.259995	188.460007
		188.460007			
## 3755	2012-04-16	189.009995	189.470001	183.649994	185.500000
		185.500000			
## 3756	2012-04-17	187.210007	190.039993	186.869995	188.389999
		188.389999			
## 3757	2012-04-18	188.820007	193.449997	188.740005	191.070007
		191.070007			
## 3758	2012-04-19	192.929993	194.550003	189.750000	191.100006
		191.100006			
## 3759	2012-04-20	192.339996	193.479996	189.800003	189.979996
		189.979996			
## 3760	2012-04-23	188.990005	188.990005	185.509995	188.240005
		188.240005			
## 3761	2012-04-24	188.679993	190.699997	186.509995	190.330002
		190.330002			

## 3762	2012-04-25	191.669998	194.800003	191.600006	194.419998
194.419998					
## 3763	2012-04-26	193.570007	196.360001	193.020004	195.990005
195.990005					
## 3764	2012-04-27	224.830002	228.690002	220.220001	226.850006
226.850006					
## 3765	2012-04-30	223.949997	233.839996	223.050003	231.899994
231.899994					
## 3766	2012-05-01	229.399994	232.970001	228.399994	230.039993
230.039993					
## 3767	2012-05-02	227.820007	231.440002	227.399994	230.250000
230.250000					
## 3768	2012-05-03	229.740005	232.529999	228.029999	229.449997
229.449997					
## 3769	2012-05-04	227.800003	229.720001	223.740005	223.990005
223.990005					
## 3770	2012-05-07	222.360001	226.869995	222.289993	225.160004
225.160004					
## 3771	2012-05-08	223.149994	225.389999	218.199997	223.899994
223.899994					
## 3772	2012-05-09	220.589996	225.779999	220.160004	222.979996
222.979996					
## 3773	2012-05-10	223.910004	229.080002	221.949997	226.690002
226.690002					
## 3774	2012-05-11	225.949997	230.679993	225.729996	227.679993
227.679993					
## 3775	2012-05-14	225.600006	227.289993	222.509995	222.929993
222.929993					
## 3776	2012-05-15	226.500000	230.610001	223.000000	224.389999
224.389999					
## 3777	2012-05-16	225.000000	228.000000	222.500000	224.059998
224.059998					
## 3778	2012-05-17	225.050003	226.000000	218.089996	218.360001
218.360001					
## 3779	2012-05-18	219.410004	219.630005	212.809998	213.850006
213.850006					
## 3780	2012-05-21	214.029999	219.979996	212.820007	218.110001
218.110001					
## 3781	2012-05-22	218.309998	218.869995	213.960007	215.330002
215.330002					
## 3782	2012-05-23	214.710007	217.550003	211.179993	217.279999
217.279999					
## 3783	2012-05-24	216.979996	217.660004	212.699997	215.240005
215.240005					
## 3784	2012-05-25	214.990005	215.979996	212.220001	212.889999
212.889999					
## 3785	2012-05-29	214.300003	216.550003	212.289993	214.750000
214.750000					
## 3786	2012-05-30	212.139999	212.979996	207.750000	209.229996
209.229996					

## 3787	2012-05-31	209.479996	213.789993	207.110001	212.910004
		212.910004			
## 3788	2012-06-01	208.440002	211.229996	207.300003	208.220001
		208.220001			
## 3789	2012-06-04	207.399994	215.350006	206.369995	214.570007
		214.570007			
## 3790	2012-06-05	213.850006	216.860001	211.160004	213.210007
		213.210007			
## 3791	2012-06-06	214.630005	218.399994	214.520004	217.639999
		217.639999			
## 3792	2012-06-07	219.649994	221.490005	218.110001	218.800003
		218.800003			
## 3793	2012-06-08	218.610001	219.419998	216.660004	218.479996
		218.479996			
## 3794	2012-06-11	217.490005	220.869995	215.199997	216.500000
		216.500000			
## 3795	2012-06-12	217.649994	218.000000	214.520004	216.419998
		216.419998			
## 3796	2012-06-13	215.520004	217.380005	213.520004	214.729996
		214.729996			
## 3797	2012-06-14	215.259995	216.500000	212.559998	214.449997
		214.449997			
## 3798	2012-06-15	215.289993	219.330002	214.460007	218.350006
		218.350006			
## 3799	2012-06-18	217.279999	223.759995	216.729996	222.660004
		222.660004			
## 3800	2012-06-19	223.259995	225.199997	221.660004	224.029999
		224.029999			
## 3801	2012-06-20	224.509995	224.740005	220.839996	223.020004
		223.020004			
## 3802	2012-06-21	223.839996	226.029999	220.520004	220.570007
		220.570007			
## 3803	2012-06-22	221.830002	222.509995	219.350006	222.160004
		222.160004			
## 3804	2012-06-25	220.300003	221.589996	218.000000	220.070007
		220.070007			
## 3805	2012-06-26	221.449997	226.389999	221.449997	225.610001
		225.610001			
## 3806	2012-06-27	225.009995	227.500000	223.300003	225.619995
		225.619995			
## 3807	2012-06-28	223.919998	224.619995	218.750000	221.309998
		221.309998			
## 3808	2012-06-29	224.699997	228.350006	223.710007	228.350006
		228.350006			
## 3809	2012-07-02	229.300003	229.339996	226.339996	229.320007
		229.320007			
## 3810	2012-07-03	229.139999	229.529999	227.589996	229.529999
		229.529999			
## 3811	2012-07-05	228.619995	230.500000	226.529999	227.059998
		227.059998			

## 3812	2012-07-06	226.350006	228.899994	224.179993	225.050003
		225.050003			
## 3813	2012-07-09	225.000000	226.000000	223.449997	225.050003
		225.050003			
## 3814	2012-07-10	226.250000	227.139999	218.279999	219.500000
		219.500000			
## 3815	2012-07-11	218.949997	221.740005	215.339996	218.369995
		218.369995			
## 3816	2012-07-12	216.610001	217.300003	212.610001	215.360001
		215.360001			
## 3817	2012-07-13	215.630005	219.309998	213.880005	218.389999
		218.389999			
## 3818	2012-07-16	216.600006	218.309998	214.460007	216.009995
		216.009995			
## 3819	2012-07-17	217.449997	217.940002	213.960007	216.929993
		216.929993			
## 3820	2012-07-18	216.149994	218.669998	215.710007	217.470001
		217.470001			
## 3821	2012-07-19	220.729996	227.500000	220.690002	226.169998
		226.169998			
## 3822	2012-07-20	225.360001	229.389999	225.289993	228.289993
		228.289993			
## 3823	2012-07-23	224.720001	226.580002	221.539993	226.009995
		226.009995			
## 3824	2012-07-24	226.270004	226.610001	221.229996	223.039993
		223.039993			
## 3825	2012-07-25	222.000000	222.500000	215.910004	217.050003
		217.050003			
## 3826	2012-07-26	220.000000	221.449997	214.949997	220.009995
		220.009995			
## 3827	2012-07-27	225.250000	238.339996	224.500000	237.320007
		237.320007			
## 3828	2012-07-30	237.000000	240.740005	234.070007	236.089996
		236.089996			
## 3829	2012-07-31	235.100006	236.300003	231.610001	233.300003
		233.300003			
## 3830	2012-08-01	234.139999	234.380005	230.699997	232.089996
		232.089996			
## 3831	2012-08-02	230.559998	234.339996	228.660004	230.809998
		230.809998			
## 3832	2012-08-03	234.029999	236.490005	233.029999	234.970001
		234.970001			
## 3833	2012-08-06	235.559998	235.740005	233.809998	233.990005
		233.990005			
## 3834	2012-08-07	234.130005	238.000000	233.250000	236.559998
		236.559998			
## 3835	2012-08-08	235.289993	236.449997	233.589996	234.380005
		234.380005			
## 3836	2012-08-09	233.929993	235.990005	233.500000	234.059998
		234.059998			

## 3837	2012-08-10	233.080002	234.850006	231.429993	232.750000
		232.750000			
## 3838	2012-08-13	232.229996	234.369995	231.000000	232.440002
		232.440002			
## 3839	2012-08-14	234.710007	236.720001	232.619995	233.190002
		233.190002			
## 3840	2012-08-15	232.259995	238.139999	232.250000	237.419998
		237.419998			
## 3841	2012-08-16	237.720001	242.820007	236.199997	241.550003
		241.550003			
## 3842	2012-08-17	240.600006	243.350006	240.470001	241.169998
		241.169998			
## 3843	2012-08-20	241.369995	241.649994	238.199997	240.350006
		240.350006			
## 3844	2012-08-21	240.880005	243.850006	238.550003	239.449997
		239.449997			
## 3845	2012-08-22	239.399994	244.899994	238.800003	243.100006
		243.100006			
## 3846	2012-08-23	242.139999	243.479996	239.020004	241.199997
		241.199997			
## 3847	2012-08-24	241.679993	246.869995	241.360001	245.740005
		245.740005			
## 3848	2012-08-27	245.789993	247.500000	243.119995	243.919998
		243.919998			
## 3849	2012-08-28	243.970001	246.779999	243.000000	246.110001
		246.110001			
## 3850	2012-08-29	246.779999	247.610001	244.589996	247.119995
		247.119995			
## 3851	2012-08-30	246.990005	250.000000	245.250000	246.220001
		246.220001			
## 3852	2012-08-31	248.070007	249.449997	245.500000	248.270004
		248.270004			
## 3853	2012-09-04	248.270004	251.000000	244.660004	247.880005
		247.880005			
## 3854	2012-09-05	247.610001	248.610001	245.300003	246.220001
		246.220001			
## 3855	2012-09-06	248.229996	252.699997	247.199997	251.380005
		251.380005			
## 3856	2012-09-07	253.850006	259.420013	253.520004	259.140015
		259.140015			
## 3857	2012-09-10	259.000000	260.000000	256.820007	257.089996
		257.089996			
## 3858	2012-09-11	257.600006	257.600006	254.259995	255.669998
		255.669998			
## 3859	2012-09-12	256.500000	257.779999	253.500000	255.630005
		255.630005			
## 3860	2012-09-13	254.940002	262.000000	253.800003	260.239990
		260.239990			
## 3861	2012-09-14	261.399994	264.109985	259.769989	261.269989
		261.269989			

## 3862	2012-09-17	261.250000	261.250000	257.000000	258.000000
		258.000000			
## 3863	2012-09-18	258.480011	260.500000	257.000000	258.750000
		258.750000			
## 3864	2012-09-19	259.450012	262.839996	258.529999	261.679993
		261.679993			
## 3865	2012-09-20	260.029999	260.869995	258.000000	260.809998
		260.809998			
## 3866	2012-09-21	261.739990	262.000000	256.739990	257.470001
		257.470001			
## 3867	2012-09-24	255.220001	255.600006	253.000000	254.800003
		254.800003			
## 3868	2012-09-25	256.329987	258.950012	251.029999	252.460007
		252.460007			
## 3869	2012-09-26	252.399994	254.610001	248.229996	249.669998
		249.669998			
## 3870	2012-09-27	250.539993	257.399994	250.520004	256.589996
		256.589996			
## 3871	2012-09-28	256.140015	257.000000	253.199997	254.320007
		254.320007			
## 3872	2012-10-01	255.399994	256.160004	250.490005	252.009995
		252.009995			
## 3873	2012-10-02	252.800003	253.149994	249.029999	250.600006
		250.600006			
## 3874	2012-10-03	251.210007	256.100006	249.559998	255.919998
		255.919998			
## 3875	2012-10-04	256.010010	261.519989	255.869995	260.470001
		260.470001			
## 3876	2012-10-05	261.200012	261.899994	257.489990	258.510010
		258.510010			
## 3877	2012-10-08	257.670013	259.799988	255.559998	259.059998
		259.059998			
## 3878	2012-10-09	258.670013	259.350006	250.729996	250.960007
		250.960007			
## 3879	2012-10-10	252.000000	252.460007	244.009995	244.990005
		244.990005			
## 3880	2012-10-11	248.000000	249.300003	241.889999	244.220001
		244.220001			
## 3881	2012-10-12	243.179993	245.460007	241.910004	242.360001
		242.360001			
## 3882	2012-10-15	242.850006	244.779999	238.509995	244.179993
		244.179993			
## 3883	2012-10-16	244.869995	245.770004	242.080002	243.940002
		243.940002			
## 3884	2012-10-17	243.369995	248.800003	243.300003	247.490005
		247.490005			
## 3885	2012-10-18	247.770004	250.910004	242.699997	244.850006
		244.850006			
## 3886	2012-10-19	245.160004	246.820007	238.940002	240.000000
		240.000000			

## 3887	2012-10-22	238.809998	238.949997	232.320007	233.779999
233.779999					
## 3888	2012-10-23	231.050003	236.500000	230.009995	234.309998
234.309998					
## 3889	2012-10-24	235.880005	235.940002	227.949997	228.490005
228.490005					
## 3890	2012-10-25	230.919998	230.919998	222.919998	222.919998
222.919998					
## 3891	2012-10-26	228.600006	238.710007	226.690002	238.240005
238.240005					
## 3892	2012-10-31	236.320007	238.699997	230.500000	232.889999
232.889999					
## 3893	2012-11-01	234.229996	234.550003	231.339996	232.139999
232.139999					
## 3894	2012-11-02	234.009995	237.399994	232.110001	232.419998
232.419998					
## 3895	2012-11-05	232.039993	234.830002	230.110001	234.330002
234.330002					
## 3896	2012-11-06	235.410004	237.750000	234.449997	237.559998
237.559998					
## 3897	2012-11-07	235.649994	235.660004	229.419998	232.059998
232.059998					
## 3898	2012-11-08	232.220001	233.449997	227.100006	227.350006
227.350006					
## 3899	2012-11-09	226.259995	230.970001	224.600006	226.309998
226.309998					
## 3900	2012-11-12	226.589996	229.220001	225.410004	226.470001
226.470001					
## 3901	2012-11-13	225.119995	227.899994	224.710007	226.600006
226.600006					
## 3902	2012-11-14	226.500000	227.410004	222.509995	222.949997
222.949997					
## 3903	2012-11-15	222.300003	225.160004	218.179993	220.600006
220.600006					
## 3904	2012-11-16	221.309998	226.250000	218.639999	225.229996
225.229996					
## 3905	2012-11-19	228.320007	232.500000	227.449997	229.710007
229.710007					
## 3906	2012-11-20	230.000000	233.820007	229.500000	233.779999
233.779999					
## 3907	2012-11-21	233.839996	238.669998	232.750000	238.029999
238.029999					
## 3908	2012-11-23	239.889999	240.000000	236.479996	239.880005
239.880005					
## 3909	2012-11-26	240.389999	244.320007	238.000000	243.619995
243.619995					
## 3910	2012-11-27	243.220001	245.669998	241.539993	243.399994
243.399994					
## 3911	2012-11-28	242.449997	247.229996	241.500000	247.110001
247.110001					

## 3912	2012-11-29	248.050003	252.479996	247.500000	251.270004
		251.270004			
## 3913	2012-11-30	250.380005	252.649994	248.270004	252.050003
		252.050003			
## 3914	2012-12-03	252.539993	254.160004	250.000000	250.330002
		250.330002			
## 3915	2012-12-04	249.940002	253.000000	248.660004	252.490005
		252.490005			
## 3916	2012-12-05	252.440002	255.550003	250.380005	253.960007
		253.960007			
## 3917	2012-12-06	253.000000	255.169998	251.509995	253.369995
		253.369995			
## 3918	2012-12-07	254.139999	255.210007	252.009995	253.270004
		253.270004			
## 3919	2012-12-10	253.100006	254.779999	247.300003	247.770004
		247.770004			
## 3920	2012-12-11	248.500000	253.479996	246.649994	250.690002
		250.690002			
## 3921	2012-12-12	251.070007	254.360001	250.059998	251.759995
		251.759995			
## 3922	2012-12-13	251.110001	254.539993	250.020004	251.250000
		251.250000			
## 3923	2012-12-14	250.110001	251.899994	247.789993	249.190002
		249.190002			
## 3924	2012-12-17	249.809998	254.000000	249.259995	253.860001
		253.860001			
## 3925	2012-12-18	254.570007	263.109985	254.570007	260.399994
		260.399994			
## 3926	2012-12-19	261.299988	261.670013	257.679993	257.989990
		257.989990			
## 3927	2012-12-20	258.359985	262.410004	256.540009	261.500000
		261.500000			
## 3928	2012-12-21	257.820007	258.380005	255.740005	256.920013
		256.920013			
## 3929	2012-12-24	257.299988	259.500000	256.959991	258.619995
		258.619995			
## 3930	2012-12-26	257.149994	257.420013	248.039993	248.630005
		248.630005			
## 3931	2012-12-27	248.279999	249.350006	242.860001	248.309998
		248.309998			
## 3932	2012-12-28	245.850006	247.440002	245.050003	245.179993
		245.179993			
## 3933	2012-12-31	243.750000	252.410004	242.750000	250.869995
		250.869995			
## 3934	2013-01-02	256.079987	258.100006	253.259995	257.309998
		257.309998			
## 3935	2013-01-03	257.269989	260.880005	256.369995	258.480011
		258.480011			
## 3936	2013-01-04	257.579987	259.799988	256.649994	259.149994
		259.149994			

## 3937	2013-01-07	262.970001	269.730011	262.670013	268.459991
		268.459991			
## 3938	2013-01-08	267.070007	268.980011	263.570007	266.380005
		266.380005			
## 3939	2013-01-09	268.170013	269.500000	265.399994	266.350006
		266.350006			
## 3940	2013-01-10	268.540009	268.739990	262.299988	265.339996
		265.339996			
## 3941	2013-01-11	265.100006	268.429993	264.109985	267.940002
		267.940002			
## 3942	2013-01-14	268.000000	274.260010	267.540009	272.730011
		272.730011			
## 3943	2013-01-15	270.679993	272.730011	269.299988	271.899994
		271.899994			
## 3944	2013-01-16	270.529999	271.239990	267.829987	268.929993
		268.929993			
## 3945	2013-01-17	271.500000	271.970001	269.209991	270.480011
		270.480011			
## 3946	2013-01-18	270.829987	274.500000	269.600006	272.119995
		272.119995			
## 3947	2013-01-22	271.619995	272.100006	269.230011	270.190002
		270.190002			
## 3948	2013-01-23	270.570007	271.089996	266.649994	268.109985
		268.109985			
## 3949	2013-01-24	269.369995	276.649994	269.369995	273.459991
		273.459991			
## 3950	2013-01-25	275.000000	284.720001	274.399994	283.989990
		283.989990			
## 3951	2013-01-28	283.779999	284.480011	274.399994	276.040009
		276.040009			
## 3952	2013-01-29	275.350006	275.459991	258.350006	260.350006
		260.350006			
## 3953	2013-01-30	283.000000	284.200012	267.109985	272.760010
		272.760010			
## 3954	2013-01-31	271.040009	275.940002	263.700012	265.500000
		265.500000			
## 3955	2013-02-01	268.929993	268.929993	262.799988	265.000000
		265.000000			
## 3956	2013-02-04	262.779999	264.679993	259.070007	259.980011
		259.980011			
## 3957	2013-02-05	262.000000	268.029999	261.459991	266.890015
		266.890015			
## 3958	2013-02-06	265.160004	266.890015	261.109985	262.220001
		262.220001			
## 3959	2013-02-07	264.100006	264.100006	255.110001	260.230011
		260.230011			
## 3960	2013-02-08	261.399994	265.250000	260.549988	261.950012
		261.950012			
## 3961	2013-02-11	263.200012	263.250000	256.600006	257.209991
		257.209991			

## 3962	2013-02-12	259.190002	260.160004	257.000000	258.700012
		258.700012			
## 3963	2013-02-13	261.529999	269.959991	260.299988	269.470001
		269.470001			
## 3964	2013-02-14	267.369995	270.649994	265.399994	269.239990
		269.239990			
## 3965	2013-02-15	267.630005	268.920013	263.109985	265.089996
		265.089996			
## 3966	2013-02-19	265.910004	270.109985	264.500000	269.750000
		269.750000			
## 3967	2013-02-20	270.200012	274.299988	266.369995	266.410004
		266.410004			
## 3968	2013-02-21	265.119995	269.480011	263.250000	265.940002
		265.940002			
## 3969	2013-02-22	266.619995	267.109985	261.609985	265.420013
		265.420013			
## 3970	2013-02-25	266.940002	268.690002	259.649994	259.869995
		259.869995			
## 3971	2013-02-26	260.890015	262.040009	255.729996	259.359985
		259.359985			
## 3972	2013-02-27	259.399994	265.829987	256.859985	263.250000
		263.250000			
## 3973	2013-02-28	261.809998	267.000000	260.630005	264.269989
		264.269989			
## 3974	2013-03-01	263.269989	266.600006	261.040009	265.739990
		265.739990			
## 3975	2013-03-04	265.359985	273.299988	264.140015	273.109985
		273.109985			
## 3976	2013-03-05	274.000000	276.679993	269.989990	275.589996
		275.589996			
## 3977	2013-03-06	275.760010	276.489990	271.829987	273.790009
		273.790009			
## 3978	2013-03-07	274.100006	274.799988	271.850006	273.880005
		273.880005			
## 3979	2013-03-08	275.000000	275.440002	271.500000	274.190002
		274.190002			
## 3980	2013-03-11	273.429993	273.989990	270.399994	271.239990
		271.239990			
## 3981	2013-03-12	271.000000	277.399994	270.359985	274.130005
		274.130005			
## 3982	2013-03-13	275.239990	276.500000	272.640015	275.100006
		275.100006			
## 3983	2013-03-14	269.670013	270.000000	263.529999	265.739990
		265.739990			
## 3984	2013-03-15	264.980011	267.260010	260.049988	261.820007
		261.820007			
## 3985	2013-03-18	259.299988	261.489990	257.119995	257.890015
		257.890015			
## 3986	2013-03-19	258.399994	259.500000	252.619995	256.410004
		256.410004			

## 3987	2013-03-20	258.049988	259.760010	254.550003	257.279999
		257.279999			
## 3988	2013-03-21	256.109985	257.000000	252.679993	253.389999
		253.389999			
## 3989	2013-03-22	254.550003	257.769989	252.070007	257.750000
		257.750000			
## 3990	2013-03-25	258.579987	259.429993	254.500000	256.019989
		256.019989			
## 3991	2013-03-26	257.049988	261.480011	256.279999	260.309998
		260.309998			
## 3992	2013-03-27	258.750000	265.929993	257.899994	265.299988
		265.299988			
## 3993	2013-03-28	265.820007	267.380005	264.059998	266.489990
		266.489990			
## 3994	2013-04-01	266.980011	267.399994	261.010010	261.609985
		261.609985			
## 3995	2013-04-02	262.399994	265.890015	260.549988	263.320007
		263.320007			
## 3996	2013-04-03	262.119995	263.670013	257.750000	259.029999
		259.029999			
## 3997	2013-04-04	259.230011	260.410004	256.119995	259.079987
		259.079987			
## 3998	2013-04-05	255.720001	256.179993	253.669998	255.479996
		255.479996			
## 3999	2013-04-08	255.919998	259.679993	255.630005	258.950012
		258.950012			
## 4000	2013-04-09	258.850006	262.609985	257.000000	261.140015
		261.140015			
## 4001	2013-04-10	261.779999	265.980011	259.320007	264.769989
		264.769989			
## 4002	2013-04-11	264.739990	270.970001	264.739990	269.850006
		269.850006			
## 4003	2013-04-12	270.119995	273.269989	267.019989	272.869995
		272.869995			
## 4004	2013-04-15	271.079987	275.119995	267.100006	267.720001
		267.720001			
## 4005	2013-04-16	269.309998	272.799988	268.059998	272.339996
		272.339996			
## 4006	2013-04-17	270.799988	270.850006	264.250000	267.399994
		267.399994			
## 4007	2013-04-18	266.809998	266.989990	256.600006	259.420013
		259.420013			
## 4008	2013-04-19	258.160004	262.880005	257.500000	260.320007
		260.320007			
## 4009	2013-04-22	259.350006	264.600006	258.029999	263.549988
		263.549988			
## 4010	2013-04-23	264.500000	269.869995	264.500000	268.899994
		268.899994			
## 4011	2013-04-24	269.500000	271.470001	266.809998	268.779999
		268.779999			

## 4012	2013-04-25	271.529999	275.799988	270.500000	274.700012
		274.700012			
## 4013	2013-04-26	269.970001	272.019989	252.809998	254.809998
		254.809998			
## 4014	2013-04-29	254.899994	257.010010	249.149994	249.740005
		249.740005			
## 4015	2013-04-30	249.369995	254.679993	248.559998	253.809998
		253.809998			
## 4016	2013-05-01	253.899994	254.199997	245.750000	248.229996
		248.229996			
## 4017	2013-05-02	248.940002	252.929993	245.779999	252.550003
		252.550003			
## 4018	2013-05-03	256.140015	259.250000	254.699997	258.049988
		258.049988			
## 4019	2013-05-06	258.089996	259.500000	253.419998	255.720001
		255.720001			
## 4020	2013-05-07	256.309998	259.739990	252.910004	257.730011
		257.730011			
## 4021	2013-05-08	256.869995	260.299988	255.330002	258.679993
		258.679993			
## 4022	2013-05-09	258.730011	263.549988	256.880005	260.160004
		260.160004			
## 4023	2013-05-10	260.880005	263.649994	260.209991	263.630005
		263.630005			
## 4024	2013-05-13	262.769989	265.880005	262.000000	264.510010
		264.510010			
## 4025	2013-05-14	264.500000	269.399994	264.029999	268.329987
		268.329987			
## 4026	2013-05-15	267.070007	269.049988	264.559998	266.559998
		266.559998			
## 4027	2013-05-16	265.959991	268.429993	263.850006	264.119995
		264.119995			
## 4028	2013-05-17	265.829987	269.980011	265.000000	269.899994
		269.899994			
## 4029	2013-05-20	269.000000	271.790009	266.500000	267.630005
		267.630005			
## 4030	2013-05-21	268.739990	270.769989	267.660004	268.859985
		268.859985			
## 4031	2013-05-22	267.390015	267.589996	260.799988	262.959991
		262.959991			
## 4032	2013-05-23	260.489990	263.170013	259.589996	261.799988
		261.799988			
## 4033	2013-05-24	259.850006	261.929993	258.339996	261.739990
		261.739990			
## 4034	2013-05-28	266.480011	271.100006	266.000000	267.290009
		267.290009			
## 4035	2013-05-29	265.459991	268.250000	264.839996	265.529999
		265.529999			
## 4036	2013-05-30	265.709991	268.570007	265.609985	266.829987
		266.829987			

## 4037	2013-05-31	266.000000	271.910004	265.940002	269.200012
		269.200012			
## 4038	2013-06-03	268.959991	269.109985	262.950012	266.880005
		266.880005			
## 4039	2013-06-04	267.000000	268.880005	263.019989	265.700012
		265.700012			
## 4040	2013-06-05	265.809998	271.660004	265.019989	267.170013
		267.170013			
## 4041	2013-06-06	267.750000	270.500000	264.209991	267.829987
		267.829987			
## 4042	2013-06-07	269.739990	280.100006	269.130005	276.869995
		276.869995			
## 4043	2013-06-10	276.679993	282.470001	275.239990	281.070007
		281.070007			
## 4044	2013-06-11	276.000000	278.410004	274.239990	274.779999
		274.779999			
## 4045	2013-06-12	276.600006	276.799988	270.450012	271.670013
		271.670013			
## 4046	2013-06-13	271.500000	276.799988	270.290009	275.790009
		275.790009			
## 4047	2013-06-14	275.000000	277.070007	273.440002	273.989990
		273.989990			
## 4048	2013-06-17	276.350006	280.200012	275.649994	278.059998
		278.059998			
## 4049	2013-06-18	279.079987	282.910004	278.109985	281.760010
		281.760010			
## 4050	2013-06-19	281.260010	283.339996	277.869995	278.160004
		278.160004			
## 4051	2013-06-20	275.140015	278.600006	272.390015	273.440002
		273.440002			
## 4052	2013-06-21	274.570007	275.839996	269.790009	273.359985
		273.359985			
## 4053	2013-06-24	271.290009	273.160004	265.000000	270.609985
		270.609985			
## 4054	2013-06-25	272.299988	273.470001	269.000000	272.089996
		272.089996			
## 4055	2013-06-26	273.980011	277.980011	273.500000	277.570007
		277.570007			
## 4056	2013-06-27	279.179993	280.200012	274.540009	277.549988
		277.549988			
## 4057	2013-06-28	276.190002	279.829987	276.190002	277.690002
		277.690002			
## 4058	2013-07-01	279.000000	283.290009	277.160004	282.100006
		282.100006			
## 4059	2013-07-02	281.040009	286.579987	280.589996	283.730011
		283.730011			
## 4060	2013-07-03	282.000000	285.399994	282.000000	284.029999
		284.029999			
## 4061	2013-07-05	285.000000	286.380005	282.070007	285.880005
		285.880005			

## 4062	2013-07-08	286.420013	291.670013	286.140015	290.589996
290.589996					
## 4063	2013-07-09	291.000000	292.570007	288.010010	291.529999
291.529999					
## 4064	2013-07-10	291.410004	293.339996	289.399994	292.329987
292.329987					
## 4065	2013-07-11	294.989990	300.690002	292.100006	299.660004
299.660004					
## 4066	2013-07-12	298.690002	307.549988	298.500000	307.549988
307.549988					
## 4067	2013-07-15	307.269989	307.989990	304.350006	306.570007
306.570007					
## 4068	2013-07-16	307.299988	309.390015	305.510010	306.869995
306.869995					
## 4069	2013-07-17	306.970001	308.799988	305.690002	308.690002
308.690002					
## 4070	2013-07-18	306.269989	306.339996	301.869995	304.109985
304.109985					
## 4071	2013-07-19	304.390015	305.790009	301.910004	305.230011
305.230011					
## 4072	2013-07-22	309.250000	309.250000	302.000000	303.480011
303.480011					
## 4073	2013-07-23	303.160004	305.059998	300.559998	301.059998
301.059998					
## 4074	2013-07-24	303.019989	303.839996	298.040009	298.940002
298.940002					
## 4075	2013-07-25	299.000000	304.500000	296.750000	303.399994
303.399994					
## 4076	2013-07-26	299.549988	313.619995	295.549988	312.010010
312.010010					
## 4077	2013-07-29	311.070007	313.000000	305.899994	306.100006
306.100006					
## 4078	2013-07-30	307.720001	309.779999	301.570007	302.410004
302.410004					
## 4079	2013-07-31	303.910004	305.149994	301.000000	301.220001
301.220001					
## 4080	2013-08-01	303.079987	306.209991	298.899994	305.570007
305.570007					
## 4081	2013-08-02	304.630005	305.329987	301.500000	304.209991
304.209991					
## 4082	2013-08-05	303.399994	303.619995	298.299988	300.989990
300.989990					
## 4083	2013-08-06	300.510010	301.359985	297.519989	300.750000
300.750000					
## 4084	2013-08-07	300.149994	300.989990	296.149994	296.910004
296.910004					
## 4085	2013-08-08	298.519989	298.519989	292.549988	295.739990
295.739990					
## 4086	2013-08-09	295.679993	299.269989	294.299988	297.260010
297.260010					

## 4087	2013-08-12	295.790009	299.079987	295.260010	296.690002
		296.690002			
## 4088	2013-08-13	295.880005	296.369995	290.670013	293.970001
		293.970001			
## 4089	2013-08-14	294.290009	294.290009	290.540009	291.339996
		291.339996			
## 4090	2013-08-15	288.790009	289.299988	285.149994	286.470001
		286.470001			
## 4091	2013-08-16	286.549988	288.329987	284.500000	284.820007
		284.820007			
## 4092	2013-08-19	285.190002	289.559998	283.480011	285.570007
		285.570007			
## 4093	2013-08-20	285.880005	289.510010	285.739990	287.089996
		287.089996			
## 4094	2013-08-21	285.089996	288.500000	283.829987	284.570007
		284.570007			
## 4095	2013-08-22	284.799988	289.869995	284.799988	289.730011
		289.730011			
## 4096	2013-08-23	291.209991	291.500000	287.899994	290.010010
		290.010010			
## 4097	2013-08-26	290.429993	291.049988	285.619995	286.209991
		286.209991			
## 4098	2013-08-27	283.869995	285.279999	279.739990	280.929993
		280.929993			
## 4099	2013-08-28	280.359985	283.000000	279.329987	281.579987
		281.579987			
## 4100	2013-08-29	281.450012	285.980011	280.000000	283.980011
		283.980011			
## 4101	2013-08-30	284.589996	284.869995	280.000000	280.980011
		280.980011			
## 4102	2013-09-03	284.730011	291.390015	284.170013	288.799988
		288.799988			
## 4103	2013-09-04	288.329987	295.230011	287.579987	293.640015
		293.640015			
## 4104	2013-09-05	293.630005	297.000000	292.709991	294.100006
		294.100006			
## 4105	2013-09-06	295.329987	298.880005	290.799988	295.859985
		295.859985			
## 4106	2013-09-09	297.220001	299.959991	296.600006	299.709991
		299.709991			
## 4107	2013-09-10	300.549988	301.000000	297.220001	300.359985
		300.359985			
## 4108	2013-09-11	298.910004	301.859985	297.839996	299.640015
		299.640015			
## 4109	2013-09-12	299.390015	302.000000	297.660004	298.859985
		298.859985			
## 4110	2013-09-13	300.140015	300.220001	296.200012	297.920013
		297.920013			
## 4111	2013-09-16	299.820007	301.000000	295.260010	296.059998
		296.059998			

## 4112	2013-09-17	297.630005	304.649994	296.010010	304.170013
304.170013					
## 4113	2013-09-18	304.059998	312.739990	302.910004	312.029999
312.029999					
## 4114	2013-09-19	313.769989	314.540009	311.040009	312.059998
312.059998					
## 4115	2013-09-20	312.540009	320.570007	312.410004	316.339996
316.339996					
## 4116	2013-09-23	314.010010	315.899994	308.769989	311.489990
311.489990					
## 4117	2013-09-24	312.429993	318.079987	311.279999	314.130005
314.130005					
## 4118	2013-09-25	314.529999	316.709991	310.750000	312.649994
312.649994					
## 4119	2013-09-26	313.899994	319.369995	313.260010	318.119995
318.119995					
## 4120	2013-09-27	316.920013	317.209991	313.350006	316.010010
316.010010					
## 4121	2013-09-30	313.410004	315.309998	311.059998	312.640015
312.640015					
## 4122	2013-10-01	314.220001	321.000000	313.649994	320.950012
320.950012					
## 4123	2013-10-02	318.040009	321.730011	317.519989	320.510010
320.510010					
## 4124	2013-10-03	320.390015	322.920013	313.019989	314.760010
314.760010					
## 4125	2013-10-04	315.130005	319.200012	312.619995	319.040009
319.040009					
## 4126	2013-10-07	315.239990	315.339996	309.739990	310.029999
310.029999					
## 4127	2013-10-08	311.500000	311.549988	300.269989	303.230011
303.230011					
## 4128	2013-10-09	303.420013	303.500000	296.500000	298.230011
298.230011					
## 4129	2013-10-10	304.630005	306.700012	302.589996	305.170013
305.170013					
## 4130	2013-10-11	304.769989	310.929993	303.839996	310.890015
310.890015					
## 4131	2013-10-14	309.220001	311.649994	307.000000	310.700012
310.700012					
## 4132	2013-10-15	309.869995	310.790009	305.260010	306.399994
306.399994					
## 4133	2013-10-16	308.380005	310.799988	305.549988	310.489990
310.489990					
## 4134	2013-10-17	307.070007	311.000000	305.239990	310.769989
310.769989					
## 4135	2013-10-18	319.359985	331.890015	316.750000	328.929993
328.929993					
## 4136	2013-10-21	329.890015	330.000000	323.799988	326.440002
326.440002					

## 4137	2013-10-22	327.720001	337.109985	325.679993	332.540009
		332.540009			
## 4138	2013-10-23	330.839996	331.720001	324.059998	326.760010
		326.760010			
## 4139	2013-10-24	329.630005	332.649994	326.750000	332.209991
		332.209991			
## 4140	2013-10-25	358.600006	368.399994	352.619995	363.390015
		363.390015			
## 4141	2013-10-28	359.920013	362.750000	357.200012	358.160004
		358.160004			
## 4142	2013-10-29	358.959991	362.890015	356.290009	362.700012
		362.700012			
## 4143	2013-10-30	362.619995	365.000000	358.649994	361.079987
		361.079987			
## 4144	2013-10-31	361.730011	366.000000	359.000000	364.029999
		364.029999			
## 4145	2013-11-01	365.630005	365.769989	356.100006	359.000000
		359.000000			
## 4146	2013-11-04	360.119995	361.000000	354.399994	358.739990
		358.739990			
## 4147	2013-11-05	356.779999	360.170013	354.839996	358.890015
		358.890015			
## 4148	2013-11-06	360.450012	362.869995	354.500000	356.179993
		356.179993			
## 4149	2013-11-07	355.859985	357.899994	341.880005	343.559998
		343.559998			
## 4150	2013-11-08	345.950012	351.049988	344.040009	350.309998
		350.309998			
## 4151	2013-11-11	350.589996	355.369995	348.059998	354.380005
		354.380005			
## 4152	2013-11-12	352.989990	355.480011	347.279999	349.529999
		349.529999			
## 4153	2013-11-13	347.399994	356.220001	345.679993	356.220001
		356.220001			
## 4154	2013-11-14	357.390015	368.940002	356.429993	367.399994
		367.399994			
## 4155	2013-11-15	367.630005	372.899994	365.549988	369.170013
		369.170013			
## 4156	2013-11-18	370.279999	373.489990	364.670013	366.179993
		366.179993			
## 4157	2013-11-19	365.820007	368.779999	362.500000	364.940002
		364.940002			
## 4158	2013-11-20	367.559998	367.559998	360.450012	362.570007
		362.570007			
## 4159	2013-11-21	364.049988	369.250000	363.299988	368.920013
		368.920013			
## 4160	2013-11-22	370.000000	374.500000	366.309998	372.309998
		372.309998			
## 4161	2013-11-25	373.820007	377.790009	373.179993	376.640015
		376.640015			

## 4162	2013-11-26	377.609985	382.500000	374.820007	381.369995
381.369995					
## 4163	2013-11-27	383.500000	387.000000	382.609985	386.709991
386.709991					
## 4164	2013-11-29	389.100006	394.100006	388.619995	393.619995
393.619995					
## 4165	2013-12-02	399.000000	399.000000	389.100006	392.299988
392.299988					
## 4166	2013-12-03	390.109985	390.950012	383.100006	384.660004
384.660004					
## 4167	2013-12-04	383.500000	389.690002	381.489990	385.959991
385.959991					
## 4168	2013-12-05	386.649994	386.649994	381.369995	384.489990
384.489990					
## 4169	2013-12-06	388.350006	388.350006	383.829987	386.950012
386.950012					
## 4170	2013-12-09	388.109985	388.209991	382.570007	384.890015
384.890015					
## 4171	2013-12-10	383.739990	389.059998	383.019989	387.779999
387.779999					
## 4172	2013-12-11	387.339996	388.980011	382.000000	382.190002
382.190002					
## 4173	2013-12-12	381.260010	385.000000	379.500000	381.250000
381.250000					
## 4174	2013-12-13	385.320007	389.420013	383.799988	384.239990
384.239990					
## 4175	2013-12-16	385.029999	391.700012	385.000000	388.970001
388.970001					
## 4176	2013-12-17	390.649994	391.359985	386.500000	387.649994
387.649994					
## 4177	2013-12-18	389.230011	396.299988	383.100006	395.959991
395.959991					
## 4178	2013-12-19	394.269989	397.290009	392.600006	395.190002
395.190002					
## 4179	2013-12-20	396.549988	404.720001	395.779999	402.200012
402.200012					
## 4180	2013-12-23	403.690002	405.000000	399.200012	402.920013
402.920013					
## 4181	2013-12-24	402.519989	403.720001	396.369995	399.200012
399.200012					
## 4182	2013-12-26	401.790009	404.519989	396.809998	404.390015
404.390015					
## 4183	2013-12-27	404.649994	405.630005	396.250000	398.079987
398.079987					
## 4184	2013-12-30	399.410004	399.920013	392.450012	393.369995
393.369995					
## 4185	2013-12-31	394.579987	398.829987	393.799988	398.790009
398.790009					
## 4186	2014-01-02	398.799988	399.359985	394.019989	397.970001
397.970001					

## 4187	2014-01-03	398.290009	402.709991	396.220001	396.440002
396.440002					
## 4188	2014-01-06	395.850006	397.000000	388.420013	393.630005
393.630005					
## 4189	2014-01-07	395.040009	398.470001	394.290009	398.029999
398.029999					
## 4190	2014-01-08	398.470001	403.000000	396.040009	401.920013
401.920013					
## 4191	2014-01-09	403.709991	406.890015	398.440002	401.010010
401.010010					
## 4192	2014-01-10	402.529999	403.760010	393.799988	397.660004
397.660004					
## 4193	2014-01-13	397.980011	399.779999	388.450012	390.980011
390.980011					
## 4194	2014-01-14	392.130005	398.630005	391.290009	397.540009
397.540009					
## 4195	2014-01-15	398.940002	399.309998	392.529999	395.869995
395.869995					
## 4196	2014-01-16	393.679993	399.290009	389.410004	395.799988
395.799988					
## 4197	2014-01-17	394.260010	403.489990	393.660004	399.609985
399.609985					
## 4198	2014-01-21	403.000000	407.799988	401.600006	407.049988
407.049988					
## 4199	2014-01-22	408.000000	408.059998	402.000000	404.540009
404.540009					
## 4200	2014-01-23	401.000000	406.170013	397.790009	399.869995
399.869995					
## 4201	2014-01-24	398.160004	400.200012	387.269989	387.600006
387.600006					
## 4202	2014-01-27	390.500000	394.100006	380.489990	386.279999
386.279999					
## 4203	2014-01-28	387.399994	394.739990	387.119995	394.429993
394.429993					
## 4204	2014-01-29	392.160004	392.850006	383.239990	384.200012
384.200012					
## 4205	2014-01-30	393.769989	406.250000	387.700012	403.010010
403.010010					
## 4206	2014-01-31	371.760010	375.450012	357.760010	358.690002
358.690002					
## 4207	2014-02-03	358.980011	360.850006	340.100006	346.149994
346.149994					
## 4208	2014-02-04	349.589996	354.000000	344.019989	347.950012
347.950012					
## 4209	2014-02-05	346.000000	349.369995	337.730011	346.450012
346.450012					
## 4210	2014-02-06	347.399994	354.820007	347.399994	354.589996
354.589996					
## 4211	2014-02-07	358.980011	361.799988	352.489990	361.079987
361.079987					

## 4212	2014-02-10	361.609985	365.000000	359.350006	360.869995
360.869995					
## 4213	2014-02-11	361.839996	363.609985	356.250000	361.790009
361.790009					
## 4214	2014-02-12	356.429993	357.750000	346.320007	349.250000
349.250000					
## 4215	2014-02-13	347.700012	357.200012	346.500000	357.200012
357.200012					
## 4216	2014-02-14	359.339996	359.339996	353.350006	357.350006
357.350006					
## 4217	2014-02-18	355.279999	355.730011	349.450012	353.649994
353.649994					
## 4218	2014-02-19	352.640015	354.540009	346.100006	347.380005
347.380005					
## 4219	2014-02-20	348.799988	350.459991	344.380005	349.799988
349.799988					
## 4220	2014-02-21	352.440002	354.140015	346.750000	346.760010
346.760010					
## 4221	2014-02-24	345.190002	353.000000	343.290009	351.779999
351.779999					
## 4222	2014-02-25	353.000000	361.079987	351.579987	358.320007
358.320007					
## 4223	2014-02-26	359.859985	364.750000	357.170013	359.799988
359.799988					
## 4224	2014-02-27	357.220001	360.589996	355.500000	360.130005
360.130005					
## 4225	2014-02-28	360.600006	365.869995	357.079987	362.100006
362.100006					
## 4226	2014-03-03	358.739990	360.959991	354.480011	359.779999
359.779999					
## 4227	2014-03-04	363.899994	365.679993	362.459991	363.899994
363.899994					
## 4228	2014-03-05	364.130005	372.730011	363.899994	372.369995
372.369995					
## 4229	2014-03-06	374.049988	375.329987	368.899994	372.160004
372.160004					
## 4230	2014-03-07	374.579987	374.989990	369.529999	372.059998
372.059998					
## 4231	2014-03-10	372.690002	372.730011	367.000000	370.529999
370.529999					
## 4232	2014-03-11	370.989990	372.799988	367.279999	368.820007
368.820007					
## 4233	2014-03-12	366.399994	371.160004	363.609985	370.640015
370.640015					
## 4234	2014-03-13	376.619995	383.109985	368.079987	371.510010
371.510010					
## 4235	2014-03-14	372.799988	378.570007	371.549988	373.739990
373.739990					
## 4236	2014-03-17	375.720001	378.850006	374.880005	375.040009
375.040009					

## 4237	2014-03-18	377.320007	379.000000	375.000000	378.769989
378.769989					
## 4238	2014-03-19	378.769989	379.000000	369.420013	373.230011
373.230011					
## 4239	2014-03-20	370.640015	373.000000	366.220001	368.970001
368.970001					
## 4240	2014-03-21	371.000000	372.839996	358.399994	360.619995
360.619995					
## 4241	2014-03-24	360.089996	361.500000	348.600006	351.850006
351.850006					
## 4242	2014-03-25	354.029999	358.970001	348.839996	354.709991
354.709991					
## 4243	2014-03-26	357.130005	357.600006	343.399994	343.410004
343.410004					
## 4244	2014-03-27	343.149994	344.000000	330.880005	338.470001
338.470001					
## 4245	2014-03-28	340.049988	347.000000	336.079987	338.290009
338.290009					
## 4246	2014-03-31	342.399994	346.290009	334.059998	336.369995
336.369995					
## 4247	2014-04-01	338.089996	344.429993	338.000000	342.989990
342.989990					
## 4248	2014-04-02	345.989990	348.299988	340.380005	341.959991
341.959991					
## 4249	2014-04-03	341.820007	342.500000	328.459991	333.619995
333.619995					
## 4250	2014-04-04	335.149994	335.440002	315.609985	323.000000
323.000000					
## 4251	2014-04-07	320.989990	324.940002	313.130005	317.760010
317.760010					
## 4252	2014-04-08	321.880005	328.000000	318.440002	327.070007
327.070007					
## 4253	2014-04-09	328.470001	332.179993	322.500000	331.809998
331.809998					
## 4254	2014-04-10	330.600006	331.000000	316.500000	317.109985
317.109985					
## 4255	2014-04-11	314.000000	316.500000	309.500000	311.730011
311.730011					
## 4256	2014-04-14	317.670013	320.480011	311.279999	315.910004
315.910004					
## 4257	2014-04-15	316.700012	318.279999	305.500000	316.079987
316.079987					
## 4258	2014-04-16	321.170013	324.000000	314.709991	323.679993
323.679993					
## 4259	2014-04-17	319.760010	328.660004	319.760010	324.910004
324.910004					
## 4260	2014-04-21	323.970001	331.149994	322.309998	330.869995
330.869995					
## 4261	2014-04-22	332.000000	337.500000	328.940002	329.320007
329.320007					

## 4262	2014-04-23	333.059998	333.130005	323.390015	324.579987
		324.579987			
## 4263	2014-04-24	329.670013	337.399994	322.950012	337.149994
		337.149994			
## 4264	2014-04-25	316.250000	316.489990	302.709991	303.829987
		303.829987			
## 4265	2014-04-28	304.000000	304.390015	288.000000	296.579987
		296.579987			
## 4266	2014-04-29	296.440002	301.839996	290.450012	300.380005
		300.380005			
## 4267	2014-04-30	298.100006	304.559998	298.100006	304.130005
		304.130005			
## 4268	2014-05-01	304.130005	310.480011	304.000000	307.890015
		307.890015			
## 4269	2014-05-02	310.420013	313.290009	304.309998	308.010010
		308.010010			
## 4270	2014-05-05	306.369995	310.230011	305.000000	310.049988
		310.049988			
## 4271	2014-05-06	309.529999	309.809998	297.040009	297.380005
		297.380005			
## 4272	2014-05-07	295.559998	296.399994	286.679993	292.709991
		292.709991			
## 4273	2014-05-08	290.820007	295.880005	287.230011	288.320007
		288.320007			
## 4274	2014-05-09	290.570007	293.679993	284.380005	292.239990
		292.239990			
## 4275	2014-05-12	294.299988	303.339996	294.160004	302.859985
		302.859985			
## 4276	2014-05-13	302.600006	305.600006	300.750000	304.640015
		304.640015			
## 4277	2014-05-14	302.500000	304.640015	296.660004	297.619995
		297.619995			
## 4278	2014-05-15	298.019989	299.200012	290.380005	295.190002
		295.190002			
## 4279	2014-05-16	292.799988	298.880005	291.549988	297.700012
		297.700012			
## 4280	2014-05-19	295.760010	299.000000	293.809998	296.760010
		296.760010			
## 4281	2014-05-20	297.100006	304.459991	296.750000	301.190002
		301.190002			
## 4282	2014-05-21	302.209991	305.959991	301.519989	305.010010
		305.010010			
## 4283	2014-05-22	305.049988	308.540009	303.010010	304.910004
		304.910004			
## 4284	2014-05-23	305.459991	312.350006	304.899994	312.239990
		312.239990			
## 4285	2014-05-27	314.410004	314.630005	307.380005	310.820007
		310.820007			
## 4286	2014-05-28	309.500000	313.820007	307.420013	310.160004
		310.160004			

## 4287	2014-05-29	310.420013	314.869995	310.200012	313.779999
		313.779999			
## 4288	2014-05-30	314.429993	314.649994	307.570007	312.549988
		312.549988			
## 4289	2014-06-02	312.589996	312.600006	307.000000	308.839996
		308.839996			
## 4290	2014-06-03	305.750000	307.920013	305.070007	307.190002
		307.190002			
## 4291	2014-06-04	306.850006	309.500000	303.839996	306.779999
		306.779999			
## 4292	2014-06-05	308.100006	327.940002	306.899994	323.570007
		323.570007			
## 4293	2014-06-06	325.000000	330.880005	324.929993	329.670013
		329.670013			
## 4294	2014-06-09	331.570007	333.000000	325.649994	327.500000
		327.500000			
## 4295	2014-06-10	327.649994	335.500000	327.500000	332.410004
		332.410004			
## 4296	2014-06-11	336.000000	340.720001	333.880005	335.200012
		335.200012			
## 4297	2014-06-12	335.549988	335.549988	324.660004	325.910004
		325.910004			
## 4298	2014-06-13	327.049988	329.299988	323.529999	326.269989
		326.269989			
## 4299	2014-06-16	324.859985	328.690002	323.519989	327.619995
		327.619995			
## 4300	2014-06-17	327.540009	331.339996	325.230011	325.619995
		325.619995			
## 4301	2014-06-18	328.000000	335.750000	325.000000	334.380005
		334.380005			
## 4302	2014-06-19	335.260010	338.899994	325.980011	327.000000
		327.000000			
## 4303	2014-06-20	327.760010	328.220001	320.420013	324.200012
		324.200012			
## 4304	2014-06-23	323.329987	327.549988	321.410004	327.239990
		327.239990			
## 4305	2014-06-24	327.540009	329.730011	322.739990	324.160004
		324.160004			
## 4306	2014-06-25	324.329987	328.149994	321.739990	327.440002
		327.440002			
## 4307	2014-06-26	328.489990	328.649994	322.130005	325.690002
		325.690002			
## 4308	2014-06-27	325.880005	326.519989	323.269989	324.570007
		324.570007			
## 4309	2014-06-30	324.980011	326.980011	322.239990	324.779999
		324.779999			
## 4310	2014-07-01	325.859985	333.200012	325.100006	332.390015
		332.390015			
## 4311	2014-07-02	333.200012	336.760010	331.660004	332.850006
		332.850006			

## 4312	2014-07-03	334.829987	338.299988	333.079987	337.489990
		337.489990			
## 4313	2014-07-07	337.500000	337.549988	332.519989	333.549988
		333.549988			
## 4314	2014-07-08	333.100006	333.739990	321.399994	323.809998
		323.809998			
## 4315	2014-07-09	324.709991	330.200012	323.149994	329.970001
		329.970001			
## 4316	2014-07-10	324.339996	329.980011	322.649994	327.920013
		327.920013			
## 4317	2014-07-11	334.709991	347.000000	334.709991	346.200012
		346.200012			
## 4318	2014-07-14	347.029999	355.769989	345.359985	355.320007
		355.320007			
## 4319	2014-07-15	353.720001	355.589996	349.399994	354.440002
		354.440002			
## 4320	2014-07-16	355.619995	359.320007	353.000000	355.899994
		355.899994			
## 4321	2014-07-17	353.440002	356.959991	351.380005	352.450012
		352.450012			
## 4322	2014-07-18	354.399994	359.679993	352.079987	358.660004
		358.660004			
## 4323	2014-07-21	358.100006	361.709991	356.720001	359.760010
		359.760010			
## 4324	2014-07-22	355.250000	362.929993	355.250000	360.839996
		360.839996			
## 4325	2014-07-23	359.049988	360.630005	356.619995	358.140015
		358.140015			
## 4326	2014-07-24	359.980011	364.850006	358.519989	358.609985
		358.609985			
## 4327	2014-07-25	317.299988	324.869995	314.760010	324.010010
		324.010010			
## 4328	2014-07-28	324.250000	324.820007	316.500000	320.410004
		320.410004			
## 4329	2014-07-29	321.980011	322.899994	319.500000	320.000000
		320.000000			
## 4330	2014-07-30	321.450012	322.730011	318.500000	322.510010
		322.510010			
## 4331	2014-07-31	320.010010	320.679993	311.859985	312.989990
		312.989990			
## 4332	2014-08-01	313.690002	315.829987	304.589996	307.059998
		307.059998			
## 4333	2014-08-04	308.839996	316.179993	308.500000	313.649994
		313.649994			
## 4334	2014-08-05	313.299988	314.549988	310.059998	312.320007
		312.320007			
## 4335	2014-08-06	310.829987	315.779999	310.200012	313.890015
		313.890015			
## 4336	2014-08-07	315.209991	315.880005	309.649994	311.450012
		311.450012			

## 4337	2014-08-08	311.940002	317.320007	310.660004	316.799988
		316.799988			
## 4338	2014-08-11	318.480011	320.380005	316.880005	318.329987
		318.329987			
## 4339	2014-08-12	318.890015	321.309998	316.950012	319.320007
		319.320007			
## 4340	2014-08-13	327.600006	331.720001	326.140015	326.279999
		326.279999			
## 4341	2014-08-14	327.799988	334.089996	326.709991	333.209991
		333.209991			
## 4342	2014-08-15	334.000000	335.000000	328.320007	333.630005
		333.630005			
## 4343	2014-08-18	335.480011	337.799988	333.769989	334.529999
		334.529999			
## 4344	2014-08-19	334.869995	335.809998	333.010010	335.130005
		335.130005			
## 4345	2014-08-20	334.679993	337.160004	334.019989	335.779999
		335.779999			
## 4346	2014-08-21	336.480011	336.579987	332.230011	332.910004
		332.910004			
## 4347	2014-08-22	332.989990	334.079987	330.799988	331.589996
		331.589996			
## 4348	2014-08-25	333.209991	336.769989	332.709991	334.019989
		334.019989			
## 4349	2014-08-26	337.000000	344.359985	334.549988	341.829987
		341.829987			
## 4350	2014-08-27	342.089996	346.670013	341.339996	343.179993
		343.179993			
## 4351	2014-08-28	340.000000	341.790009	338.799988	340.019989
		340.019989			
## 4352	2014-08-29	341.760010	341.820007	337.679993	339.040009
		339.040009			
## 4353	2014-09-02	339.980011	342.500000	337.160004	342.380005
		342.380005			
## 4354	2014-09-03	342.540009	343.269989	337.549988	339.000000
		339.000000			
## 4355	2014-09-04	343.690002	349.380005	343.579987	345.950012
		345.950012			
## 4356	2014-09-05	346.299988	346.829987	342.500000	346.380005
		346.380005			
## 4357	2014-09-08	344.540009	345.809998	339.040009	342.339996
		342.339996			
## 4358	2014-09-09	341.609985	341.760010	329.179993	329.750000
		329.750000			
## 4359	2014-09-10	334.299988	334.980011	328.820007	331.329987
		331.329987			
## 4360	2014-09-11	329.940002	333.010010	326.390015	330.519989
		330.519989			
## 4361	2014-09-12	329.559998	332.890015	328.790009	331.190002
		331.190002			

## 4362	2014-09-15	330.910004	331.329987	319.000000	323.890015
		323.890015			
## 4363	2014-09-16	321.070007	329.480011	320.100006	327.760010
		327.760010			
## 4364	2014-09-17	327.760010	328.000000	321.519989	324.000000
		324.000000			
## 4365	2014-09-18	325.440002	327.100006	323.709991	325.000000
		325.000000			
## 4366	2014-09-19	327.600006	332.760010	325.570007	331.320007
		331.320007			
## 4367	2014-09-22	328.489990	329.489990	321.059998	324.500000
		324.500000			
## 4368	2014-09-23	322.459991	327.600006	321.250000	323.630005
		323.630005			
## 4369	2014-09-24	324.170013	329.440002	319.559998	328.209991
		328.209991			
## 4370	2014-09-25	327.989990	328.540009	321.399994	321.929993
		321.929993			
## 4371	2014-09-26	320.600006	323.500000	317.640015	323.209991
		323.209991			
## 4372	2014-09-29	320.500000	323.750000	319.000000	321.820007
		321.820007			
## 4373	2014-09-30	321.359985	323.429993	318.510010	322.440002
		322.440002			
## 4374	2014-10-01	322.040009	322.170013	315.549988	317.459991
		317.459991			
## 4375	2014-10-02	316.920013	318.529999	311.309998	318.410004
		318.410004			
## 4376	2014-10-03	320.359985	325.160004	319.529999	322.739990
		322.739990			
## 4377	2014-10-06	323.500000	324.130005	319.600006	322.200012
		322.200012			
## 4378	2014-10-07	319.429993	322.000000	316.670013	316.980011
		316.980011			
## 4379	2014-10-08	316.579987	324.109985	314.140015	322.700012
		322.700012			
## 4380	2014-10-09	321.489990	322.269989	314.519989	315.369995
		315.369995			
## 4381	2014-10-10	314.019989	317.769989	311.380005	311.390015
		311.390015			
## 4382	2014-10-13	309.869995	313.200012	303.470001	306.450012
		306.450012			
## 4383	2014-10-14	308.000000	312.239990	305.750000	308.309998
		308.309998			
## 4384	2014-10-15	304.350006	307.899994	299.100006	305.970001
		305.970001			
## 4385	2014-10-16	293.829987	306.820007	293.829987	302.859985
		302.859985			
## 4386	2014-10-17	307.149994	309.200012	302.720001	303.640015
		303.640015			

## 4387	2014-10-20	302.950012	306.529999	302.019989	306.209991
306.209991					
## 4388	2014-10-21	309.899994	315.640015	307.070007	315.329987
315.329987					
## 4389	2014-10-22	315.429993	318.980011	312.640015	312.970001
312.970001					
## 4390	2014-10-23	313.399994	316.799988	311.399994	313.179993
313.179993					
## 4391	2014-10-24	284.399994	293.809998	284.000000	287.059998
287.059998					
## 4392	2014-10-27	285.700012	290.420013	285.019989	289.970001
289.970001					
## 4393	2014-10-28	289.760010	298.000000	289.760010	295.589996
295.589996					
## 4394	2014-10-29	299.109985	299.609985	293.070007	294.119995
294.119995					
## 4395	2014-10-30	293.980011	299.739990	292.359985	299.070007
299.070007					
## 4396	2014-10-31	305.149994	305.720001	301.500000	305.459991
305.459991					
## 4397	2014-11-03	306.239990	308.010010	303.239990	305.720001
305.720001					
## 4398	2014-11-04	303.989990	304.250000	300.170013	302.809998
302.809998					
## 4399	2014-11-05	303.010010	304.000000	294.160004	296.519989
296.519989					
## 4400	2014-11-06	296.690002	297.000000	292.290009	296.640015
296.640015					
## 4401	2014-11-07	297.820007	299.989990	296.290009	299.859985
299.859985					
## 4402	2014-11-10	300.000000	305.799988	300.000000	305.109985
305.109985					
## 4403	2014-11-11	305.940002	312.380005	303.649994	312.010010
312.010010					
## 4404	2014-11-12	310.750000	312.579987	308.790009	311.510010
311.510010					
## 4405	2014-11-13	312.000000	317.890015	311.510010	316.480011
316.480011					
## 4406	2014-11-14	317.119995	332.880005	316.399994	327.820007
327.820007					
## 4407	2014-11-17	326.440002	328.000000	318.029999	323.049988
323.049988					
## 4408	2014-11-18	323.989990	329.559998	323.250000	324.929993
324.929993					
## 4409	2014-11-19	327.250000	328.399994	324.019989	326.540009
326.540009					
## 4410	2014-11-20	324.000000	332.670013	323.329987	330.540009
330.540009					
## 4411	2014-11-21	335.420013	338.329987	331.470001	332.630005
332.630005					

## 4412	2014-11-24	334.779999	337.390015	333.600006	335.640015
335.640015					
## 4413	2014-11-25	335.269989	336.329987	331.279999	335.040009
335.040009					
## 4414	2014-11-26	333.779999	334.649994	331.750000	333.570007
333.570007					
## 4415	2014-11-28	336.029999	341.260010	336.029999	338.640015
338.640015					
## 4416	2014-12-01	338.119995	340.640015	325.929993	326.000000
326.000000					
## 4417	2014-12-02	327.500000	327.929993	323.250000	326.309998
326.309998					
## 4418	2014-12-03	325.730011	326.769989	314.359985	316.500000
316.500000					
## 4419	2014-12-04	315.529999	318.589996	313.470001	316.929993
316.929993					
## 4420	2014-12-05	316.799988	316.929993	310.839996	312.630005
312.630005					
## 4421	2014-12-08	311.570007	316.559998	304.820007	306.640015
306.640015					
## 4422	2014-12-09	302.989990	313.640015	301.140015	312.500000
312.500000					
## 4423	2014-12-10	312.000000	313.190002	304.679993	305.839996
305.839996					
## 4424	2014-12-11	307.890015	312.640015	306.010010	307.359985
307.359985					
## 4425	2014-12-12	303.989990	310.640015	303.010010	307.320007
307.320007					
## 4426	2014-12-15	308.869995	310.859985	302.149994	306.070007
306.070007					
## 4427	2014-12-16	304.350006	304.489990	295.010010	295.059998
295.059998					
## 4428	2014-12-17	296.369995	299.670013	293.029999	298.880005
298.880005					
## 4429	2014-12-18	304.010010	304.500000	293.250000	297.730011
297.730011					
## 4430	2014-12-19	296.910004	301.540009	295.519989	299.899994
299.899994					
## 4431	2014-12-22	301.940002	307.359985	301.940002	306.540009
306.540009					
## 4432	2014-12-23	306.980011	307.489990	303.250000	306.290009
306.290009					
## 4433	2014-12-24	306.380005	307.000000	302.880005	303.029999
303.029999					
## 4434	2014-12-26	305.000000	310.779999	303.809998	309.089996
309.089996					
## 4435	2014-12-29	307.850006	314.269989	306.579987	312.040009
312.040009					
## 4436	2014-12-30	309.910004	313.940002	309.339996	310.299988
310.299988					

## 4437	2014-12-31	311.549988	312.980011	310.010010	310.350006
310.350006					
## 4438	2015-01-02	312.579987	314.750000	306.959991	308.519989
308.519989					
## 4439	2015-01-05	307.010010	308.380005	300.850006	302.190002
302.190002					
## 4440	2015-01-06	302.239990	303.000000	292.380005	295.290009
295.290009					
## 4441	2015-01-07	297.500000	301.279999	295.329987	298.420013
298.420013					
## 4442	2015-01-08	300.320007	303.140015	296.109985	300.459991
300.459991					
## 4443	2015-01-09	301.480011	302.869995	296.679993	296.929993
296.929993					
## 4444	2015-01-12	297.559998	298.510010	289.279999	291.410004
291.410004					
## 4445	2015-01-13	297.480011	301.500000	293.230011	294.739990
294.739990					
## 4446	2015-01-14	291.929993	295.910004	286.500000	293.269989
293.269989					
## 4447	2015-01-15	294.000000	296.000000	286.820007	286.950012
286.950012					
## 4448	2015-01-16	286.279999	290.790009	285.250000	290.739990
290.739990					
## 4449	2015-01-20	292.589996	293.359985	286.390015	289.440002
289.440002					
## 4450	2015-01-21	289.640015	306.000000	287.260010	297.250000
297.250000					
## 4451	2015-01-22	300.000000	312.250000	300.000000	310.320007
310.320007					
## 4452	2015-01-23	308.079987	316.929993	307.720001	312.390015
312.390015					
## 4453	2015-01-26	311.820007	313.000000	307.519989	309.660004
309.660004					
## 4454	2015-01-27	306.299988	310.239990	302.630005	306.750000
306.750000					
## 4455	2015-01-28	309.809998	311.510010	303.799988	303.910004
303.910004					
## 4456	2015-01-29	304.730011	312.799988	299.329987	311.779999
311.779999					
## 4457	2015-01-30	346.320007	359.500000	340.739990	354.529999
354.529999					
## 4458	2015-02-02	350.049988	365.000000	350.010010	364.470001
364.470001					
## 4459	2015-02-03	360.290009	367.820007	360.209991	363.549988
363.549988					
## 4460	2015-02-04	358.380005	367.500000	358.230011	364.750000
364.750000					
## 4461	2015-02-05	366.000000	378.799988	365.899994	373.890015
373.890015					

## 4462	2015-02-06	374.869995	375.989990	371.010010	374.279999
374.279999					
## 4463	2015-02-09	371.000000	374.410004	367.200012	370.559998
370.559998					
## 4464	2015-02-10	371.190002	374.299988	368.510010	373.000000
373.000000					
## 4465	2015-02-11	371.230011	377.100006	371.100006	375.140015
375.140015					
## 4466	2015-02-12	375.100006	378.510010	373.149994	377.170013
377.170013					
## 4467	2015-02-13	378.410004	383.000000	377.010010	381.829987
381.829987					
## 4468	2015-02-17	377.720001	379.989990	372.670013	375.429993
375.429993					
## 4469	2015-02-18	373.779999	376.739990	372.850006	373.369995
373.369995					
## 4470	2015-02-19	373.489990	381.880005	373.429993	379.000000
379.000000					
## 4471	2015-02-20	378.619995	383.700012	375.839996	383.660004
383.660004					
## 4472	2015-02-23	383.440002	384.540009	378.000000	380.140015
380.140015					
## 4473	2015-02-24	378.649994	380.480011	376.160004	378.589996
378.589996					
## 4474	2015-02-25	377.269989	387.850006	376.540009	385.369995
385.369995					
## 4475	2015-02-26	384.070007	389.369995	383.279999	384.799988
384.799988					
## 4476	2015-02-27	384.000000	385.989990	379.790009	380.160004
380.160004					
## 4477	2015-03-02	380.850006	385.899994	379.480011	385.660004
385.660004					
## 4478	2015-03-03	383.950012	386.100006	381.600006	384.609985
384.609985					
## 4479	2015-03-04	385.709991	387.899994	382.190002	382.720001
382.720001					
## 4480	2015-03-05	385.609985	388.420013	383.890015	387.829987
387.829987					
## 4481	2015-03-06	385.519989	387.000000	378.880005	380.089996
380.089996					
## 4482	2015-03-09	378.399994	379.329987	375.279999	378.559998
378.559998					
## 4483	2015-03-10	377.450012	377.769989	369.179993	369.510010
369.510010					
## 4484	2015-03-11	370.609985	373.350006	366.260010	366.369995
366.369995					
## 4485	2015-03-12	368.820007	375.500000	367.519989	374.239990
374.239990					
## 4486	2015-03-13	371.519989	373.989990	366.679993	370.579987
370.579987					

## 4487	2015-03-16	370.380005	373.940002	366.720001	373.350006
		373.350006			
## 4488	2015-03-17	371.109985	374.500000	369.640015	371.920013
		371.920013			
## 4489	2015-03-18	369.970001	375.989990	366.700012	375.140015
		375.140015			
## 4490	2015-03-19	373.869995	377.109985	372.190002	373.239990
		373.239990			
## 4491	2015-03-20	376.290009	379.369995	375.920013	378.489990
		378.489990			
## 4492	2015-03-23	378.070007	381.769989	374.940002	375.109985
		375.109985			
## 4493	2015-03-24	373.989990	375.239990	372.269989	374.089996
		374.089996			
## 4494	2015-03-25	375.170013	380.500000	370.290009	370.959991
		370.959991			
## 4495	2015-03-26	369.589996	371.399994	365.649994	367.350006
		367.350006			
## 4496	2015-03-27	367.109985	373.170013	366.570007	370.559998
		370.559998			
## 4497	2015-03-30	371.869995	376.119995	371.549988	374.589996
		374.589996			
## 4498	2015-03-31	373.239990	377.700012	371.510010	372.100006
		372.100006			
## 4499	2015-04-01	372.100006	373.160004	368.339996	370.260010
		370.260010			
## 4500	2015-04-02	370.500000	373.279999	369.000000	372.250000
		372.250000			
## 4501	2015-04-06	370.100006	380.200012	369.359985	377.040009
		377.040009			
## 4502	2015-04-07	376.149994	379.309998	374.029999	374.410004
		374.410004			
## 4503	2015-04-08	374.660004	381.579987	374.649994	381.200012
		381.200012			
## 4504	2015-04-09	380.660004	384.420013	378.799988	383.540009
		383.540009			
## 4505	2015-04-10	384.309998	387.119995	381.320007	382.649994
		382.649994			
## 4506	2015-04-13	383.529999	385.279999	380.140015	382.359985
		382.359985			
## 4507	2015-04-14	383.510010	387.809998	381.209991	385.109985
		385.109985			
## 4508	2015-04-15	384.649994	385.779999	381.640015	383.450012
		383.450012			
## 4509	2015-04-16	383.690002	387.450012	383.549988	386.040009
		386.040009			
## 4510	2015-04-17	382.630005	383.559998	374.399994	375.559998
		375.559998			
## 4511	2015-04-20	378.549988	391.940002	377.000000	389.510010
		389.510010			

## 4512	2015-04-21	391.309998	394.600006	386.799988	391.179993
391.179993					
## 4513	2015-04-22	391.910004	394.279999	388.000000	389.799988
389.799988					
## 4514	2015-04-23	390.209991	391.880005	386.149994	389.989990
389.989990					
## 4515	2015-04-24	439.000000	452.649994	439.000000	445.100006
445.100006					
## 4516	2015-04-27	443.859985	446.989990	437.410004	438.559998
438.559998					
## 4517	2015-04-28	438.510010	439.000000	428.040009	429.309998
429.309998					
## 4518	2015-04-29	426.750000	434.239990	426.029999	429.369995
429.369995					
## 4519	2015-04-30	427.109985	431.750000	419.239990	421.779999
421.779999					
## 4520	2015-05-01	423.820007	425.640015	416.000000	422.869995
422.869995					
## 4521	2015-05-04	424.799988	429.769989	422.420013	423.040009
423.040009					
## 4522	2015-05-05	422.850006	427.510010	421.019989	421.190002
421.190002					
## 4523	2015-05-06	421.429993	422.720001	414.549988	419.100006
419.100006					
## 4524	2015-05-07	424.149994	428.500000	422.850006	426.880005
426.880005					
## 4525	2015-05-08	430.750000	435.200012	430.170013	433.690002
433.690002					
## 4526	2015-05-11	432.510010	439.000000	431.369995	432.850006
432.850006					
## 4527	2015-05-12	431.079987	433.250000	426.709991	431.019989
431.019989					
## 4528	2015-05-13	429.980011	433.529999	425.799988	426.869995
426.869995					
## 4529	2015-05-14	429.450012	433.000000	427.010010	432.279999
432.279999					
## 4530	2015-05-15	428.000000	430.399994	424.299988	426.000000
426.000000					
## 4531	2015-05-18	426.000000	427.269989	421.459991	425.239990
425.239990					
## 4532	2015-05-19	424.869995	428.239990	420.630005	421.709991
421.709991					
## 4533	2015-05-20	420.600006	427.100006	418.359985	423.859985
423.859985					
## 4534	2015-05-21	428.000000	436.899994	428.000000	431.630005
431.630005					
## 4535	2015-05-22	431.549988	432.440002	427.609985	427.630005
427.630005					
## 4536	2015-05-26	426.200012	427.000000	422.000000	425.470001
425.470001					

## 4537	2015-05-27	427.450012	431.850006	425.010010	431.420013
431.420013					
## 4538	2015-05-28	429.709991	431.350006	425.470001	426.570007
426.570007					
## 4539	2015-05-29	427.230011	432.500000	427.230011	429.230011
429.230011					
## 4540	2015-06-01	430.399994	433.160004	426.200012	430.920013
430.920013					
## 4541	2015-06-02	430.070007	433.230011	426.250000	430.989990
430.989990					
## 4542	2015-06-03	434.399994	438.390015	432.750000	436.589996
436.589996					
## 4543	2015-06-04	434.399994	436.760010	429.260010	430.779999
430.779999					
## 4544	2015-06-05	429.660004	430.799988	426.500000	426.950012
426.950012					
## 4545	2015-06-08	425.619995	426.799988	421.429993	423.500000
423.500000					
## 4546	2015-06-09	422.959991	427.489990	419.140015	425.480011
425.480011					
## 4547	2015-06-10	426.459991	432.200012	425.660004	430.769989
430.769989					
## 4548	2015-06-11	432.290009	438.890015	431.470001	432.970001
432.970001					
## 4549	2015-06-12	431.250000	432.359985	428.260010	429.920013
429.920013					
## 4550	2015-06-15	427.660004	428.049988	422.640015	423.670013
423.670013					
## 4551	2015-06-16	424.149994	427.970001	422.670013	427.260010
427.260010					
## 4552	2015-06-17	428.359985	431.350006	424.750000	427.809998
427.809998					
## 4553	2015-06-18	430.299988	439.730011	429.410004	439.390015
439.390015					
## 4554	2015-06-19	440.260010	444.989990	433.239990	434.920013
434.920013					
## 4555	2015-06-22	437.000000	439.239990	434.179993	436.290009
436.290009					
## 4556	2015-06-23	435.589996	447.040009	433.690002	445.989990
445.989990					
## 4557	2015-06-24	444.970001	446.470001	440.230011	440.839996
440.839996					
## 4558	2015-06-25	438.070007	443.470001	436.390015	440.100006
440.100006					
## 4559	2015-06-26	441.760010	443.489990	435.059998	438.100006
438.100006					
## 4560	2015-06-29	434.980011	437.000000	429.000000	429.859985
429.859985					
## 4561	2015-06-30	434.200012	435.570007	430.459991	434.089996
434.089996					

## 4562	2015-07-01	439.350006	440.000000	435.579987	437.390015
437.390015					
## 4563	2015-07-02	437.000000	438.200012	433.480011	437.709991
437.709991					
## 4564	2015-07-06	435.230011	439.730011	433.519989	436.040009
436.040009					
## 4565	2015-07-07	435.679993	437.730011	425.570007	436.720001
436.720001					
## 4566	2015-07-08	434.350006	435.989990	428.829987	429.700012
429.700012					
## 4567	2015-07-09	434.899994	438.720001	434.149994	434.390015
434.390015					
## 4568	2015-07-10	440.489990	444.720001	439.000000	443.510010
443.510010					
## 4569	2015-07-13	448.290009	457.869995	447.540009	455.570007
455.570007					
## 4570	2015-07-14	462.320007	469.600006	458.160004	465.570007
465.570007					
## 4571	2015-07-15	463.040009	464.700012	460.200012	461.190002
461.190002					
## 4572	2015-07-16	465.500000	475.880005	464.799988	475.480011
475.480011					
## 4573	2015-07-17	477.700012	485.420013	477.250000	483.010010
483.010010					
## 4574	2015-07-20	492.570007	493.200012	485.399994	488.100006
488.100006					
## 4575	2015-07-21	487.899994	488.880005	482.549988	488.000000
488.000000					
## 4576	2015-07-22	485.989990	492.500000	484.899994	488.269989
488.269989					
## 4577	2015-07-23	491.660004	491.660004	475.700012	482.179993
482.179993					
## 4578	2015-07-24	578.989990	580.570007	529.349976	529.419983
529.419983					
## 4579	2015-07-27	527.750000	544.950012	526.599976	531.409973
531.409973					
## 4580	2015-07-28	536.000000	536.390015	523.119995	526.030029
526.030029					
## 4581	2015-07-29	530.919983	532.969971	525.020020	529.000000
529.000000					
## 4582	2015-07-30	527.650024	539.200012	524.289978	536.760010
536.760010					
## 4583	2015-07-31	539.090027	542.840027	534.520020	536.150024
536.150024					
## 4584	2015-08-03	537.450012	540.440002	529.359985	535.030029
535.030029					
## 4585	2015-08-04	529.690002	536.950012	529.159973	531.900024
531.900024					
## 4586	2015-08-05	538.799988	539.140015	534.119995	537.010010
537.010010					

## 4587	2015-08-06	539.299988	542.739990	527.520020	529.460022
529.460022					
## 4588	2015-08-07	529.159973	529.460022	518.210022	522.619995
522.619995					
## 4589	2015-08-10	528.520020	532.280029	523.000000	524.000000
524.000000					
## 4590	2015-08-11	523.650024	528.979980	522.000000	527.460022
527.460022					
## 4591	2015-08-12	523.750000	527.500000	513.059998	525.909973
525.909973					
## 4592	2015-08-13	527.369995	534.659973	525.489990	529.659973
529.659973					
## 4593	2015-08-14	528.250000	534.109985	528.250000	531.520020
531.520020					
## 4594	2015-08-17	531.289978	538.739990	527.119995	535.219971
535.219971					
## 4595	2015-08-18	535.039978	539.489990	533.000000	535.020020
535.020020					
## 4596	2015-08-19	533.739990	537.250000	529.000000	532.919983
532.919983					
## 4597	2015-08-20	530.390015	533.250000	515.770020	515.780029
515.780029					
## 4598	2015-08-21	507.359985	512.330017	494.470001	494.470001
494.470001					
## 4599	2015-08-24	463.579987	476.579987	451.000000	463.369995
463.369995					
## 4600	2015-08-25	487.489990	489.440002	466.250000	466.369995
466.369995					
## 4601	2015-08-26	484.019989	503.720001	478.760010	500.769989
500.769989					
## 4602	2015-08-27	513.710022	522.690002	507.260010	518.369995
518.369995					
## 4603	2015-08-28	517.500000	521.500000	513.039978	518.010010
518.010010					
## 4604	2015-08-31	516.440002	519.409973	509.070007	512.890015
512.890015					
## 4605	2015-09-01	499.140015	510.000000	493.429993	496.540009
496.540009					
## 4606	2015-09-02	505.089996	510.859985	497.720001	510.549988
510.549988					
## 4607	2015-09-03	514.500000	515.840027	502.570007	504.720001
504.720001					
## 4608	2015-09-04	497.649994	502.850006	495.640015	499.000000
499.000000					
## 4609	2015-09-08	508.690002	518.349976	508.510010	517.539978
517.539978					
## 4610	2015-09-09	524.000000	529.950012	515.059998	516.890015
516.890015					
## 4611	2015-09-10	515.150024	526.130005	514.780029	522.239990
522.239990					

## 4612	2015-09-11	521.070007	529.440002	520.609985	529.440002
529.440002					
## 4613	2015-09-14	529.440002	532.450012	518.580017	521.380005
521.380005					
## 4614	2015-09-15	523.250000	527.919983	517.200012	522.369995
522.369995					
## 4615	2015-09-16	521.979980	528.299988	518.520020	527.390015
527.390015					
## 4616	2015-09-17	526.979980	546.969971	526.570007	538.869995
538.869995					
## 4617	2015-09-18	534.619995	546.239990	531.349976	540.260010
540.260010					
## 4618	2015-09-21	544.330017	549.780029	539.590027	548.390015
548.390015					
## 4619	2015-09-22	539.710022	543.549988	532.659973	538.400024
538.400024					
## 4620	2015-09-23	538.299988	541.210022	534.000000	536.070007
536.070007					
## 4621	2015-09-24	530.549988	534.559998	522.869995	533.750000
533.750000					
## 4622	2015-09-25	542.570007	542.799988	521.400024	524.250000
524.250000					
## 4623	2015-09-28	520.020020	520.280029	494.329987	504.059998
504.059998					
## 4624	2015-09-29	506.000000	511.480011	490.500000	496.070007
496.070007					
## 4625	2015-09-30	505.440002	512.799988	501.670013	511.890015
511.890015					
## 4626	2015-10-01	511.000000	520.799988	506.000000	520.719971
520.719971					
## 4627	2015-10-02	512.989990	532.599976	508.100006	532.539978
532.539978					
## 4628	2015-10-05	536.989990	545.909973	536.000000	543.679993
543.679993					
## 4629	2015-10-06	545.500000	551.500000	533.330017	537.479980
537.479980					
## 4630	2015-10-07	541.789978	542.000000	529.000000	541.940002
541.940002					
## 4631	2015-10-08	536.710022	539.390015	519.890015	533.159973
533.159973					
## 4632	2015-10-09	534.479980	541.789978	530.270020	539.799988
539.799988					
## 4633	2015-10-12	539.960022	550.820007	539.799988	550.190002
550.190002					
## 4634	2015-10-13	546.260010	553.200012	543.099976	548.900024
548.900024					
## 4635	2015-10-14	551.340027	552.250000	539.679993	544.830017
544.830017					
## 4636	2015-10-15	547.750000	563.000000	547.000000	562.440002
562.440002					

## 4637	2015-10-16	565.270020	570.940002	560.309998	570.760010
		570.760010			
## 4638	2015-10-19	570.760010	579.000000	567.380005	573.150024
		573.150024			
## 4639	2015-10-20	572.000000	573.000000	555.280029	560.880005
		560.880005			
## 4640	2015-10-21	563.869995	565.250000	552.520020	555.770020
		555.770020			
## 4641	2015-10-22	562.700012	569.150024	556.669983	563.909973
		563.909973			
## 4642	2015-10-23	617.679993	619.450012	595.359985	599.030029
		599.030029			
## 4643	2015-10-26	602.299988	609.849976	596.289978	608.609985
		608.609985			
## 4644	2015-10-27	608.599976	614.710022	605.530029	611.010010
		611.010010			
## 4645	2015-10-28	612.299988	617.229980	609.500000	617.099976
		617.099976			
## 4646	2015-10-29	617.700012	627.539978	615.390015	626.549988
		626.549988			
## 4647	2015-10-30	626.010010	630.719971	625.280029	625.900024
		625.900024			
## 4648	2015-11-02	627.130005	628.630005	620.409973	628.349976
		628.349976			
## 4649	2015-11-03	629.530029	629.890015	622.000000	625.309998
		625.309998			
## 4650	2015-11-04	627.760010	645.929993	627.349976	640.950012
		640.950012			
## 4651	2015-11-05	647.099976	657.000000	643.090027	655.650024
		655.650024			
## 4652	2015-11-06	655.000000	662.260010	652.000000	659.369995
		659.369995			
## 4653	2015-11-09	658.650024	661.960022	647.849976	655.489990
		655.489990			
## 4654	2015-11-10	651.010010	660.000000	647.260010	659.679993
		659.679993			
## 4655	2015-11-11	663.250000	675.960022	663.250000	673.250000
		673.250000			
## 4656	2015-11-12	673.000000	675.640015	664.219971	665.599976
		665.599976			
## 4657	2015-11-13	663.570007	667.000000	640.450012	642.349976
		642.349976			
## 4658	2015-11-16	640.919983	649.989990	622.289978	647.809998
		647.809998			
## 4659	2015-11-17	650.650024	653.250000	641.000000	643.299988
		643.299988			
## 4660	2015-11-18	646.510010	664.880005	646.369995	663.539978
		663.539978			
## 4661	2015-11-19	664.989990	672.859985	659.000000	661.270020
		661.270020			

## 4662	2015-11-20	667.940002	668.869995	657.570007	668.450012
668.450012					
## 4663	2015-11-23	671.500000	682.770020	670.119995	678.989990
678.989990					
## 4664	2015-11-24	674.140015	675.799988	661.210022	671.150024
671.150024					
## 4665	2015-11-25	675.000000	679.700012	671.239990	675.340027
675.340027					
## 4666	2015-11-27	680.799988	680.989990	672.099976	673.260010
673.260010					
## 4667	2015-11-30	675.900024	681.289978	664.599976	664.799988
664.799988					
## 4668	2015-12-01	673.750000	681.000000	667.859985	679.059998
679.059998					
## 4669	2015-12-02	681.000000	684.820007	674.250000	676.010010
676.010010					
## 4670	2015-12-03	679.440002	682.789978	661.479980	666.250000
666.250000					
## 4671	2015-12-04	666.000000	674.780029	661.400024	672.640015
672.640015					
## 4672	2015-12-07	674.739990	675.460022	660.500000	669.830017
669.830017					
## 4673	2015-12-08	663.130005	679.989990	659.789978	677.330017
677.330017					
## 4674	2015-12-09	678.000000	679.000000	655.679993	664.789978
664.789978					
## 4675	2015-12-10	665.590027	668.530029	659.559998	662.320007
662.320007					
## 4676	2015-12-11	651.229980	657.880005	639.619995	640.150024
640.150024					
## 4677	2015-12-14	641.750000	658.590027	635.270020	657.909973
657.909973					
## 4678	2015-12-15	665.030029	671.500000	657.349976	658.640015
658.640015					
## 4679	2015-12-16	663.559998	677.349976	659.320007	675.770020
675.770020					
## 4680	2015-12-17	680.000000	682.500000	670.650024	670.650024
670.650024					
## 4681	2015-12-18	668.650024	676.840027	664.130005	664.140015
664.140015					
## 4682	2015-12-21	668.500000	669.900024	658.929993	664.510010
664.510010					
## 4683	2015-12-22	666.830017	668.489990	659.260010	663.150024
663.150024					
## 4684	2015-12-23	666.500000	666.599976	656.630005	663.700012
663.700012					
## 4685	2015-12-24	663.349976	664.679993	660.599976	662.789978
662.789978					
## 4686	2015-12-28	665.559998	675.500000	665.500000	675.200012
675.200012					

## 4687	2015-12-29	677.979980	696.440002	677.890015	693.969971
693.969971					
## 4688	2015-12-30	691.890015	695.489990	686.380005	689.070007
689.070007					
## 4689	2015-12-31	686.080017	687.750000	675.890015	675.890015
675.890015					
## 4690	2016-01-04	656.289978	657.719971	627.510010	636.989990
636.989990					
## 4691	2016-01-05	646.859985	646.909973	627.650024	633.789978
633.789978					
## 4692	2016-01-06	622.000000	639.789978	620.309998	632.650024
632.650024					
## 4693	2016-01-07	621.799988	630.000000	605.210022	607.940002
607.940002					
## 4694	2016-01-08	619.659973	624.140015	606.000000	607.049988
607.049988					
## 4695	2016-01-11	612.479980	619.849976	598.570007	617.739990
617.739990					
## 4696	2016-01-12	625.250000	625.989990	612.239990	617.890015
617.890015					
## 4697	2016-01-13	620.880005	620.880005	579.159973	581.809998
581.809998					
## 4698	2016-01-14	580.250000	602.250000	569.880005	593.000000
593.000000					
## 4699	2016-01-15	572.239990	584.619995	565.299988	570.179993
570.179993					
## 4700	2016-01-19	577.090027	584.000000	566.450012	574.479980
574.479980					
## 4701	2016-01-20	564.359985	578.450012	547.179993	571.770020
571.770020					
## 4702	2016-01-21	573.580017	588.809998	568.219971	575.020020
575.020020					
## 4703	2016-01-22	588.729980	600.099976	584.109985	596.380005
596.380005					
## 4704	2016-01-25	597.989990	608.500000	594.559998	596.530029
596.530029					
## 4705	2016-01-26	603.450012	604.500000	590.380005	601.250000
601.250000					
## 4706	2016-01-27	601.989990	603.390015	578.780029	583.349976
583.349976					
## 4707	2016-01-28	608.369995	638.059998	597.549988	635.349976
635.349976					
## 4708	2016-01-29	571.979980	593.000000	570.000000	587.000000
587.000000					
## 4709	2016-02-01	578.150024	581.799988	570.309998	574.809998
574.809998					
## 4710	2016-02-02	570.000000	571.559998	550.090027	552.099976
552.099976					
## 4711	2016-02-03	553.500000	556.000000	521.900024	531.070007
531.070007					

## 4712	2016-02-04	525.000000	538.989990	519.219971	536.260010
		536.260010			
## 4713	2016-02-05	529.280029	529.450012	499.190002	502.130005
		502.130005			
## 4714	2016-02-08	486.470001	493.500000	475.209991	488.100006
		488.100006			
## 4715	2016-02-09	478.010010	498.380005	474.000000	482.070007
		482.070007			
## 4716	2016-02-10	491.760010	504.660004	486.000000	490.480011
		490.480011			
## 4717	2016-02-11	491.170013	509.299988	484.000000	503.820007
		503.820007			
## 4718	2016-02-12	510.700012	516.750000	501.489990	507.079987
		507.079987			
## 4719	2016-02-16	519.479980	524.450012	511.660004	521.099976
		521.099976			
## 4720	2016-02-17	528.739990	537.479980	519.390015	534.099976
		534.099976			
## 4721	2016-02-18	541.190002	541.200012	523.729980	525.000000
		525.000000			
## 4722	2016-02-19	520.710022	535.950012	515.349976	534.900024
		534.900024			
## 4723	2016-02-22	542.200012	560.650024	541.080017	559.500000
		559.500000			
## 4724	2016-02-23	555.549988	556.909973	545.330017	552.940002
		552.940002			
## 4725	2016-02-24	545.750000	554.270020	533.150024	554.039978
		554.039978			
## 4726	2016-02-25	555.520020	559.390015	545.289978	555.150024
		555.150024			
## 4727	2016-02-26	560.119995	562.500000	553.169983	555.229980
		555.229980			
## 4728	2016-02-29	554.000000	564.809998	552.510010	552.520020
		552.520020			
## 4729	2016-03-01	556.289978	579.250000	556.000000	579.039978
		579.039978			
## 4730	2016-03-02	581.750000	585.000000	573.700012	580.210022
		580.210022			
## 4731	2016-03-03	577.960022	579.869995	573.109985	577.489990
		577.489990			
## 4732	2016-03-04	581.070007	581.400024	571.070007	575.140015
		575.140015			
## 4733	2016-03-07	573.539978	573.630005	555.549988	562.799988
		562.799988			
## 4734	2016-03-08	557.869995	571.349976	554.739990	560.260010
		560.260010			
## 4735	2016-03-09	559.559998	560.349976	550.130005	559.469971
		559.469971			
## 4736	2016-03-10	566.739990	567.000000	547.900024	558.929993
		558.929993			

## 4737	2016-03-11	566.950012	570.059998	562.729980	569.609985
569.609985					
## 4738	2016-03-14	567.000000	576.890015	563.049988	573.369995
573.369995					
## 4739	2016-03-15	571.000000	581.520020	567.000000	577.020020
577.020020					
## 4740	2016-03-16	576.640015	581.320007	571.140015	574.270020
574.270020					
## 4741	2016-03-17	569.510010	571.400024	555.010010	559.440002
559.440002					
## 4742	2016-03-18	560.940002	562.330017	546.090027	552.080017
552.080017					
## 4743	2016-03-21	548.909973	555.239990	538.580017	553.979980
553.979980					
## 4744	2016-03-22	545.109985	562.760010	545.049988	560.479980
560.479980					
## 4745	2016-03-23	561.000000	572.479980	558.099976	569.630005
569.630005					
## 4746	2016-03-24	567.109985	583.549988	567.080017	582.950012
582.950012					
## 4747	2016-03-28	584.400024	584.750000	575.559998	579.869995
579.869995					
## 4748	2016-03-29	580.150024	595.849976	576.500000	593.859985
593.859985					
## 4749	2016-03-30	596.710022	603.239990	595.000000	598.690002
598.690002					
## 4750	2016-03-31	599.280029	600.750000	592.210022	593.640015
593.640015					
## 4751	2016-04-01	590.489990	599.030029	588.299988	598.500000
598.500000					
## 4752	2016-04-04	599.000000	599.500000	590.549988	593.190002
593.190002					
## 4753	2016-04-05	590.770020	593.469971	585.250000	586.140015
586.140015					
## 4754	2016-04-06	587.520020	602.390015	587.500000	602.080017
602.080017					
## 4755	2016-04-07	598.760010	599.599976	589.080017	591.429993
591.429993					
## 4756	2016-04-08	594.320007	597.859985	589.000000	594.599976
594.599976					
## 4757	2016-04-11	596.140015	604.000000	594.909973	595.929993
595.929993					
## 4758	2016-04-12	598.400024	604.059998	592.309998	603.169983
603.169983					
## 4759	2016-04-13	607.679993	616.809998	605.289978	614.820007
614.820007					
## 4760	2016-04-14	615.070007	624.380005	615.070007	620.750000
620.750000					
## 4761	2016-04-15	621.919983	626.770020	618.109985	625.890015
625.890015					

## 4762	2016-04-18	625.349976	637.640015	624.960022	635.349976
635.349976					
## 4763	2016-04-19	637.140015	638.010010	620.799988	627.900024
627.900024					
## 4764	2016-04-20	630.000000	636.549988	623.000000	632.989990
632.989990					
## 4765	2016-04-21	631.000000	637.820007	628.500000	631.000000
631.000000					
## 4766	2016-04-22	624.469971	628.250000	611.559998	620.500000
620.500000					
## 4767	2016-04-25	616.609985	626.979980	616.250000	626.200012
626.200012					
## 4768	2016-04-26	626.169983	626.750000	614.880005	616.880005
616.880005					
## 4769	2016-04-27	611.799988	615.950012	601.280029	606.570007
606.570007					
## 4770	2016-04-28	615.539978	626.799988	599.200012	602.000000
602.000000					
## 4771	2016-04-29	666.000000	669.979980	654.000000	659.590027
659.590027					
## 4772	2016-05-02	663.919983	685.500000	662.030029	683.849976
683.849976					
## 4773	2016-05-03	677.359985	680.299988	670.429993	671.320007
671.320007					
## 4774	2016-05-04	662.590027	674.000000	662.140015	670.900024
670.900024					
## 4775	2016-05-05	673.309998	676.489990	656.000000	659.090027
659.090027					
## 4776	2016-05-06	656.049988	676.950012	656.010010	673.950012
673.950012					
## 4777	2016-05-09	673.950012	686.979980	671.409973	679.750000
679.750000					
## 4778	2016-05-10	694.000000	704.549988	693.500000	703.070007
703.070007					
## 4779	2016-05-11	705.789978	719.000000	701.650024	713.229980
713.229980					
## 4780	2016-05-12	717.380005	722.450012	711.510010	717.929993
717.929993					
## 4781	2016-05-13	714.640015	719.250000	706.510010	709.919983
709.919983					
## 4782	2016-05-16	710.130005	713.250000	700.280029	710.659973
710.659973					
## 4783	2016-05-17	709.900024	714.469971	693.909973	695.270020
695.270020					
## 4784	2016-05-18	689.559998	702.539978	688.760010	697.450012
697.450012					
## 4785	2016-05-19	691.880005	699.400024	689.559998	698.520020
698.520020					
## 4786	2016-05-20	701.049988	707.239990	700.000000	702.799988
702.799988					

## 4787	2016-05-23	704.250000	706.000000	696.419983	696.750000
696.750000					
## 4788	2016-05-24	698.010010	707.500000	698.000000	704.200012
704.200012					
## 4789	2016-05-25	708.000000	710.859985	705.520020	708.349976
708.349976					
## 4790	2016-05-26	708.330017	715.000000	707.289978	714.909973
714.909973					
## 4791	2016-05-27	715.000000	716.599976	711.099976	712.239990
712.239990					
## 4792	2016-05-31	712.330017	724.229980	711.320007	722.789978
722.789978					
## 4793	2016-06-01	720.900024	726.429993	718.219971	719.440002
719.440002					
## 4794	2016-06-02	720.969971	728.280029	715.500000	728.239990
728.239990					
## 4795	2016-06-03	726.739990	727.000000	718.429993	725.539978
725.539978					
## 4796	2016-06-06	726.500000	731.500000	724.419983	726.729980
726.729980					
## 4797	2016-06-07	729.890015	730.000000	720.549988	723.739990
723.739990					
## 4798	2016-06-08	726.400024	729.419983	721.599976	726.640015
726.640015					
## 4799	2016-06-09	723.099976	728.909973	722.299988	727.650024
727.650024					
## 4800	2016-06-10	722.349976	724.979980	714.210022	717.909973
717.909973					
## 4801	2016-06-13	714.010010	721.989990	711.159973	715.239990
715.239990					
## 4802	2016-06-14	712.330017	720.809998	712.270020	719.299988
719.299988					
## 4803	2016-06-15	722.000000	722.559998	713.349976	714.260010
714.260010					
## 4804	2016-06-16	712.049988	718.000000	705.299988	717.510010
717.510010					
## 4805	2016-06-17	718.190002	718.200012	699.179993	706.390015
706.390015					
## 4806	2016-06-20	713.500000	721.309998	710.809998	714.010010
714.010010					
## 4807	2016-06-21	715.719971	718.400024	712.719971	715.820007
715.820007					
## 4808	2016-06-22	716.580017	717.000000	707.570007	710.599976
710.599976					
## 4809	2016-06-23	715.500000	722.119995	712.500000	722.080017
722.080017					
## 4810	2016-06-24	693.000000	712.530029	692.200012	698.960022
698.960022					
## 4811	2016-06-27	692.010010	696.820007	682.119995	691.359985
691.359985					

## 4812	2016-06-28	700.000000	708.000000	698.169983	707.950012
		707.950012			
## 4813	2016-06-29	715.750000	719.500000	713.539978	715.599976
		715.599976			
## 4814	2016-06-30	717.200012	719.369995	712.539978	715.619995
		715.619995			
## 4815	2016-07-01	717.320007	728.000000	716.539978	725.679993
		725.679993			
## 4816	2016-07-05	722.799988	729.559998	719.609985	728.099976
		728.099976			
## 4817	2016-07-06	725.710022	737.770020	722.580017	737.609985
		737.609985			
## 4818	2016-07-07	739.330017	739.549988	731.630005	736.570007
		736.570007			
## 4819	2016-07-08	740.140015	746.099976	738.000000	745.809998
		745.809998			
## 4820	2016-07-11	750.000000	755.900024	747.000000	753.780029
		753.780029			
## 4821	2016-07-12	756.859985	757.340027	740.330017	748.210022
		748.210022			
## 4822	2016-07-13	746.760010	756.869995	741.250000	742.630005
		742.630005			
## 4823	2016-07-14	748.859985	749.039978	739.020020	741.200012
		741.200012			
## 4824	2016-07-15	746.549988	746.549988	734.049988	735.440002
		735.440002			
## 4825	2016-07-18	735.489990	741.599976	728.719971	736.070007
		736.070007			
## 4826	2016-07-19	732.500000	743.330017	732.309998	739.950012
		739.950012			
## 4827	2016-07-20	744.000000	746.250000	740.700012	745.719971
		745.719971			
## 4828	2016-07-21	747.500000	749.359985	742.789978	744.429993
		744.429993			
## 4829	2016-07-22	747.789978	751.280029	743.530029	744.859985
		744.859985			
## 4830	2016-07-25	746.549988	748.500000	735.349976	739.609985
		739.609985			
## 4831	2016-07-26	742.710022	743.130005	732.750000	735.590027
		735.590027			
## 4832	2016-07-27	737.969971	740.940002	733.859985	736.669983
		736.669983			
## 4833	2016-07-28	745.979980	753.359985	739.700012	752.609985
		752.609985			
## 4834	2016-07-29	765.000000	766.000000	755.000000	758.809998
		758.809998			
## 4835	2016-08-01	759.869995	770.500000	757.059998	767.739990
		767.739990			
## 4836	2016-08-02	763.809998	765.010010	757.020020	760.580017
		760.580017			

## 4837	2016-08-03	757.059998	758.890015	752.250000	754.640015
754.640015					
## 4838	2016-08-04	753.700012	765.000000	750.349976	760.770020
760.770020					
## 4839	2016-08-05	764.809998	768.469971	763.090027	765.979980
765.979980					
## 4840	2016-08-08	766.809998	767.000000	761.020020	766.559998
766.559998					
## 4841	2016-08-09	767.390015	772.599976	766.900024	768.309998
768.309998					
## 4842	2016-08-10	769.799988	772.099976	766.190002	768.559998
768.559998					
## 4843	2016-08-11	769.940002	773.750000	769.119995	771.239990
771.239990					
## 4844	2016-08-12	768.460022	773.150024	768.419983	772.559998
772.559998					
## 4845	2016-08-15	771.900024	772.039978	767.710022	768.489990
768.489990					
## 4846	2016-08-16	768.619995	768.729980	763.820007	764.039978
764.039978					
## 4847	2016-08-17	764.409973	765.219971	759.200012	764.630005
764.630005					
## 4848	2016-08-18	764.000000	765.169983	760.599976	764.460022
764.460022					
## 4849	2016-08-19	761.900024	762.489990	756.890015	757.309998
757.309998					
## 4850	2016-08-22	757.500000	759.849976	752.099976	759.479980
759.479980					
## 4851	2016-08-23	763.309998	764.700012	761.000000	762.450012
762.450012					
## 4852	2016-08-24	763.000000	763.409973	755.359985	757.250000
757.250000					
## 4853	2016-08-25	756.000000	760.559998	754.739990	759.219971
759.219971					
## 4854	2016-08-26	760.049988	770.000000	759.799988	769.000000
769.000000					
## 4855	2016-08-29	768.719971	774.979980	768.599976	771.289978
771.289978					
## 4856	2016-08-30	771.049988	771.840027	765.559998	767.580017
767.580017					
## 4857	2016-08-31	766.599976	769.640015	764.000000	769.159973
769.159973					
## 4858	2016-09-01	770.900024	772.039978	766.750000	770.619995
770.619995					
## 4859	2016-09-02	774.109985	776.000000	771.700012	772.440002
772.440002					
## 4860	2016-09-06	774.039978	789.479980	770.219971	788.869995
788.869995					
## 4861	2016-09-07	789.530029	790.789978	784.330017	784.479980
784.479980					

## 4862	2016-09-08	783.890015	786.500000	781.440002	784.059998
784.059998					
## 4863	2016-09-09	779.359985	781.000000	760.109985	760.140015
760.140015					
## 4864	2016-09-12	757.349976	772.659973	756.000000	771.489990
771.489990					
## 4865	2016-09-13	768.770020	769.890015	759.049988	761.010010
761.010010					
## 4866	2016-09-14	762.200012	767.500000	758.849976	761.090027
761.090027					
## 4867	2016-09-15	762.000000	770.869995	757.580017	769.690002
769.690002					
## 4868	2016-09-16	773.280029	780.460022	771.659973	778.520020
778.520020					
## 4869	2016-09-19	779.969971	781.940002	771.000000	775.099976
775.099976					
## 4870	2016-09-20	776.000000	781.369995	776.000000	780.219971
780.219971					
## 4871	2016-09-21	783.250000	790.690002	779.010010	789.739990
789.739990					
## 4872	2016-09-22	794.270020	805.890015	794.270020	804.700012
804.700012					
## 4873	2016-09-23	803.130005	807.750000	802.119995	805.750000
805.750000					
## 4874	2016-09-26	801.799988	805.929993	797.150024	799.159973
799.159973					
## 4875	2016-09-27	801.849976	816.640015	801.109985	816.109985
816.109985					
## 4876	2016-09-28	818.000000	830.140015	817.030029	828.719971
828.719971					
## 4877	2016-09-29	828.260010	837.500000	824.630005	829.049988
829.049988					
## 4878	2016-09-30	832.609985	839.950012	832.400024	837.309998
837.309998					
## 4879	2016-10-03	836.000000	839.859985	831.250000	836.739990
836.739990					
## 4880	2016-10-04	840.909973	842.369995	830.260010	834.030029
834.030029					
## 4881	2016-10-05	838.000000	845.669983	836.119995	844.359985
844.359985					
## 4882	2016-10-06	843.700012	847.210022	840.599976	841.659973
841.659973					
## 4883	2016-10-07	845.789978	845.950012	837.450012	839.429993
839.429993					
## 4884	2016-10-10	843.250000	845.200012	840.270020	841.710022
841.710022					
## 4885	2016-10-11	841.020020	841.289978	828.349976	831.000000
831.000000					
## 4886	2016-10-12	834.000000	837.669983	830.099976	834.090027
834.090027					

## 4887	2016-10-13	829.000000	831.799988	821.210022	829.280029
829.280029					
## 4888	2016-10-14	835.080017	835.739990	822.960022	822.960022
822.960022					
## 4889	2016-10-17	821.500000	822.000000	811.679993	812.950012
812.950012					
## 4890	2016-10-18	822.109985	823.260010	815.020020	817.650024
817.650024					
## 4891	2016-10-19	820.400024	820.669983	815.169983	817.690002
817.690002					
## 4892	2016-10-20	813.989990	815.710022	803.099976	810.320007
810.320007					
## 4893	2016-10-21	809.359985	819.419983	809.000000	818.989990
818.989990					
## 4894	2016-10-24	824.950012	838.299988	822.210022	838.090027
838.090027					
## 4895	2016-10-25	839.299988	843.090027	833.219971	835.179993
835.179993					
## 4896	2016-10-26	832.760010	833.440002	820.000000	822.590027
822.590027					
## 4897	2016-10-27	831.239990	831.719971	815.429993	818.359985
818.359985					
## 4898	2016-10-28	782.000000	789.489990	774.609985	776.320007
776.320007					
## 4899	2016-10-31	781.030029	793.700012	780.109985	789.820007
789.820007					
## 4900	2016-11-01	799.000000	800.840027	776.710022	785.409973
785.409973					
## 4901	2016-11-02	783.929993	784.750000	763.549988	765.559998
765.559998					
## 4902	2016-11-03	765.049988	777.000000	764.000000	767.030029
767.030029					
## 4903	2016-11-04	762.789978	766.000000	753.229980	755.049988
755.049988					
## 4904	2016-11-07	771.640015	787.729980	770.940002	784.929993
784.929993					
## 4905	2016-11-08	784.969971	791.739990	779.099976	787.750000
787.750000					
## 4906	2016-11-09	764.000000	777.500000	760.090027	771.880005
771.880005					
## 4907	2016-11-10	778.809998	778.830017	717.700012	742.380005
742.380005					
## 4908	2016-11-11	735.729980	743.260010	728.900024	739.010010
739.010010					
## 4909	2016-11-14	745.510010	746.000000	710.099976	719.070007
719.070007					
## 4910	2016-11-15	730.000000	746.780029	725.989990	743.239990
743.239990					
## 4911	2016-11-16	739.880005	749.869995	735.609985	746.489990
746.489990					

## 4912	2016-11-17	749.320007	757.500000	748.000000	756.400024
		756.400024			
## 4913	2016-11-18	761.000000	767.739990	757.640015	760.159973
	760.159973				
## 4914	2016-11-21	766.000000	780.349976	765.109985	780.000000
	780.000000				
## 4915	2016-11-22	788.169983	792.400024	781.000000	785.330017
	785.330017				
## 4916	2016-11-23	781.729980	781.750000	773.119995	780.119995
	780.119995				
## 4917	2016-11-25	786.500000	786.750000	777.900024	780.369995
	780.369995				
## 4918	2016-11-28	776.989990	777.000000	764.239990	766.770020
	766.770020				
## 4919	2016-11-29	768.000000	769.890015	761.320007	762.520020
	762.520020				
## 4920	2016-11-30	762.000000	768.090027	750.250000	750.570007
	750.570007				
## 4921	2016-12-01	752.409973	753.369995	738.030029	743.650024
	743.650024				
## 4922	2016-12-02	743.400024	748.489990	736.700012	740.340027
	740.340027				
## 4923	2016-12-05	745.000000	761.489990	742.000000	759.359985
	759.359985				
## 4924	2016-12-06	763.989990	768.239990	757.250000	764.719971
	764.719971				
## 4925	2016-12-07	764.549988	770.419983	755.820007	770.419983
	770.419983				
## 4926	2016-12-08	771.869995	773.789978	765.190002	767.330017
	767.330017				
## 4927	2016-12-09	770.000000	770.250000	765.340027	768.659973
	768.659973				
## 4928	2016-12-12	766.400024	766.890015	757.200012	760.119995
	760.119995				
## 4929	2016-12-13	764.960022	782.460022	762.000000	774.340027
	774.340027				
## 4930	2016-12-14	778.250000	780.859985	762.809998	768.820007
	768.820007				
## 4931	2016-12-15	766.280029	769.099976	760.309998	761.000000
	761.000000				
## 4932	2016-12-16	765.000000	765.130005	754.000000	757.770020
	757.770020				
## 4933	2016-12-19	758.890015	770.500000	756.159973	766.000000
	766.000000				
## 4934	2016-12-20	768.650024	774.390015	767.710022	771.219971
	771.219971				
## 4935	2016-12-21	770.000000	771.219971	765.700012	770.599976
	770.599976				
## 4936	2016-12-22	768.119995	771.210022	763.020020	766.340027
	766.340027				

## 4937	2016-12-23	764.549988	766.500000	757.989990	760.590027
760.590027					
## 4938	2016-12-27	763.400024	774.650024	761.200012	771.400024
771.400024					
## 4939	2016-12-28	776.250000	780.000000	770.500000	772.130005
772.130005					
## 4940	2016-12-29	772.400024	773.400024	760.849976	765.150024
765.150024					
## 4941	2016-12-30	766.469971	767.400024	748.280029	749.869995
749.869995					
## 4942	2017-01-03	757.919983	758.760010	747.700012	753.669983
753.669983					
## 4943	2017-01-04	758.390015	759.679993	754.200012	757.179993
757.179993					
## 4944	2017-01-05	761.549988	782.400024	760.260010	780.450012
780.450012					
## 4945	2017-01-06	782.359985	799.440002	778.479980	795.989990
795.989990					
## 4946	2017-01-09	798.000000	801.770020	791.770020	796.919983
796.919983					
## 4947	2017-01-10	796.599976	798.000000	789.539978	795.900024
795.900024					
## 4948	2017-01-11	793.659973	799.500000	789.510010	799.020020
799.020020					
## 4949	2017-01-12	800.309998	814.130005	799.500000	813.640015
813.640015					
## 4950	2017-01-13	814.320007	821.650024	811.400024	817.140015
817.140015					
## 4951	2017-01-17	815.700012	816.000000	803.440002	809.719971
809.719971					
## 4952	2017-01-18	809.500000	811.729980	804.270020	807.479980
807.479980					
## 4953	2017-01-19	810.000000	813.510010	807.320007	809.039978
809.039978					
## 4954	2017-01-20	815.280029	816.020020	806.260010	808.330017
808.330017					
## 4955	2017-01-23	806.799988	818.500000	805.080017	817.880005
817.880005					
## 4956	2017-01-24	822.000000	823.989990	814.500000	822.440002
822.440002					
## 4957	2017-01-25	825.789978	837.419983	825.289978	836.520020
836.520020					
## 4958	2017-01-26	835.530029	843.840027	833.000000	839.150024
839.150024					
## 4959	2017-01-27	839.000000	839.700012	829.440002	835.770020
835.770020					
## 4960	2017-01-30	833.000000	833.500000	816.380005	830.380005
830.380005					
## 4961	2017-01-31	823.750000	826.989990	819.559998	823.479980
823.479980					

## 4962	2017-02-01	829.210022	833.780029	824.940002	832.349976
		832.349976			
## 4963	2017-02-02	836.590027	842.489990	828.260010	839.950012
		839.950012			
## 4964	2017-02-03	806.719971	818.299988	804.000000	810.200012
		810.200012			
## 4965	2017-02-06	809.799988	810.719971	803.000000	807.640015
		807.640015			
## 4966	2017-02-07	809.309998	816.159973	807.500000	812.500000
		812.500000			
## 4967	2017-02-08	812.690002	821.479980	812.500000	819.710022
		819.710022			
## 4968	2017-02-09	821.599976	825.000000	819.710022	821.359985
		821.359985			
## 4969	2017-02-10	823.820007	828.000000	822.849976	827.460022
		827.460022			
## 4970	2017-02-13	831.619995	843.000000	828.549988	836.530029
		836.530029			
## 4971	2017-02-14	837.000000	838.309998	831.450012	836.390015
		836.390015			
## 4972	2017-02-15	834.000000	842.809998	832.820007	842.700012
		842.700012			
## 4973	2017-02-16	841.840027	845.000000	839.380005	844.140015
		844.140015			
## 4974	2017-02-17	842.000000	847.270020	840.729980	845.070007
		845.070007			
## 4975	2017-02-21	848.840027	857.979980	847.250000	856.440002
		856.440002			
## 4976	2017-02-22	856.950012	858.429993	852.179993	855.609985
		855.609985			
## 4977	2017-02-23	857.570007	860.859985	848.000000	852.190002
		852.190002			
## 4978	2017-02-24	844.690002	845.809998	837.750000	845.239990
		845.239990			
## 4979	2017-02-27	842.380005	852.500000	839.669983	848.640015
		848.640015			
## 4980	2017-02-28	851.450012	854.090027	842.049988	845.039978
		845.039978			
## 4981	2017-03-01	853.049988	854.830017	849.010010	853.080017
		853.080017			
## 4982	2017-03-02	853.080017	854.820007	847.280029	848.909973
		848.909973			
## 4983	2017-03-03	847.200012	851.989990	846.270020	849.880005
		849.880005			
## 4984	2017-03-06	845.229980	848.489990	841.119995	846.609985
		846.609985			
## 4985	2017-03-07	845.479980	848.460022	843.750000	846.020020
		846.020020			
## 4986	2017-03-08	848.000000	853.070007	846.789978	850.500000
		850.500000			

## 4987	2017-03-09	851.000000	856.400024	850.309998	853.000000
		853.000000			
## 4988	2017-03-10	857.000000	857.349976	851.719971	852.460022
		852.460022			
## 4989	2017-03-13	851.770020	855.690002	851.710022	854.590027
		854.590027			
## 4990	2017-03-14	853.549988	853.750000	847.549988	852.530029
		852.530029			
## 4991	2017-03-15	854.330017	854.450012	847.109985	852.969971
		852.969971			
## 4992	2017-03-16	855.299988	855.500000	850.510010	853.419983
		853.419983			
## 4993	2017-03-17	853.489990	853.830017	850.640015	852.309998
		852.309998			
## 4994	2017-03-20	851.510010	857.799988	851.010010	856.969971
		856.969971			
## 4995	2017-03-21	858.840027	862.799988	841.309998	843.200012
		843.200012			
## 4996	2017-03-22	840.429993	849.369995	839.049988	848.059998
		848.059998			
## 4997	2017-03-23	848.200012	850.890015	844.799988	847.380005
		847.380005			
## 4998	2017-03-24	851.679993	851.799988	843.530029	845.609985
		845.609985			
## 4999	2017-03-27	838.070007	850.299988	833.500000	846.820007
		846.820007			
## 5000	2017-03-28	851.750000	858.460022	850.099976	856.000000
		856.000000			
## 5001	2017-03-29	859.049988	876.440002	859.020020	874.320007
		874.320007			
## 5002	2017-03-30	874.950012	877.059998	871.659973	876.340027
		876.340027			
## 5003	2017-03-31	877.000000	890.349976	876.650024	886.539978
		886.539978			
## 5004	2017-04-03	888.000000	893.489990	885.419983	891.510010
		891.510010			
## 5005	2017-04-04	891.500000	908.539978	890.280029	906.830017
		906.830017			
## 5006	2017-04-05	910.820007	923.719971	905.619995	909.280029
		909.280029			
## 5007	2017-04-06	913.799988	917.190002	894.489990	898.280029
		898.280029			
## 5008	2017-04-07	899.650024	900.090027	889.309998	894.880005
		894.880005			
## 5009	2017-04-10	899.630005	908.510010	899.000000	907.039978
		907.039978			
## 5010	2017-04-11	907.039978	911.239990	897.500000	902.359985
		902.359985			
## 5011	2017-04-12	903.090027	904.090027	895.250000	896.229980
		896.229980			

## 5012	2017-04-13	891.450012	894.969971	884.489990	884.669983
884.669983					
## 5013	2017-04-17	887.500000	902.380005	887.500000	901.989990
901.989990					
## 5014	2017-04-18	900.989990	909.609985	900.780029	903.780029
903.780029					
## 5015	2017-04-19	907.840027	910.500000	897.369995	899.200012
899.200012					
## 5016	2017-04-20	899.700012	905.320007	896.289978	902.059998
902.059998					
## 5017	2017-04-21	902.669983	903.650024	896.770020	898.530029
898.530029					
## 5018	2017-04-24	908.679993	909.989990	903.820007	907.409973
907.409973					
## 5019	2017-04-25	907.039978	909.479980	903.000000	907.619995
907.619995					
## 5020	2017-04-26	910.299988	915.750000	907.559998	909.289978
909.289978					
## 5021	2017-04-27	914.390015	921.859985	912.109985	918.380005
918.380005					
## 5022	2017-04-28	948.830017	949.590027	924.330017	924.989990
924.989990					
## 5023	2017-05-01	927.799988	954.400024	927.799988	948.229980
948.229980					
## 5024	2017-05-02	946.650024	950.099976	941.409973	946.940002
946.940002					
## 5025	2017-05-03	946.000000	946.000000	935.900024	941.030029
941.030029					
## 5026	2017-05-04	944.750000	945.000000	934.219971	937.530029
937.530029					
## 5027	2017-05-05	940.520020	940.789978	930.299988	934.150024
934.150024					
## 5028	2017-05-08	940.950012	949.049988	939.210022	949.039978
949.039978					
## 5029	2017-05-09	952.799988	957.890015	950.200012	952.820007
952.820007					
## 5030	2017-05-10	953.500000	953.750000	945.000000	948.950012
948.950012					
## 5031	2017-05-11	945.109985	950.289978	940.780029	947.619995
947.619995					
## 5032	2017-05-12	954.500000	962.789978	951.530029	961.349976
961.349976					
## 5033	2017-05-15	958.729980	963.150024	956.059998	957.969971
957.969971					
## 5034	2017-05-16	961.000000	970.059998	960.909973	966.070007
966.070007					
## 5035	2017-05-17	954.700012	960.400024	944.119995	944.760010
944.760010					
## 5036	2017-05-18	944.799988	962.750000	944.760010	958.489990
958.489990					

## 5037	2017-05-19	962.840027	968.919983	959.719971	959.840027
959.840027					
## 5038	2017-05-22	964.000000	971.380005	962.900024	970.669983
970.669983					
## 5039	2017-05-23	975.020020	975.200012	966.849976	971.539978
971.539978					
## 5040	2017-05-24	976.000000	981.000000	970.229980	980.349976
980.349976					
## 5041	2017-05-25	984.849976	999.000000	982.109985	993.380005
993.380005					
## 5042	2017-05-26	995.000000	998.650024	989.250000	995.780029
995.780029					
## 5043	2017-05-30	996.510010	1001.200012	995.520020	996.700012
996.700012					
## 5044	2017-05-31	1000.000000	1000.119995	982.159973	994.619995
994.619995					
## 5045	2017-06-01	998.590027	998.989990	991.369995	995.950012
995.950012					
## 5046	2017-06-02	998.989990	1008.479980	995.669983	1006.729980
1006.729980					
## 5047	2017-06-05	1007.229980	1013.210022	1003.510010	1011.340027
1011.340027					
## 5048	2017-06-06	1012.000000	1016.500000	1001.250000	1003.000000
1003.000000					
## 5049	2017-06-07	1005.950012	1010.250000	1002.000000	1010.070007
1010.070007					
## 5050	2017-06-08	1012.059998	1013.609985	1006.109985	1010.270020
1010.270020					
## 5051	2017-06-09	1012.500000	1012.989990	927.000000	978.309998
978.309998					
## 5052	2017-06-12	967.000000	975.950012	945.000000	964.909973
964.909973					
## 5053	2017-06-13	977.989990	984.500000	966.099976	980.789978
980.789978					
## 5054	2017-06-14	988.590027	990.340027	966.710022	976.469971
976.469971					
## 5055	2017-06-15	958.700012	965.729980	950.859985	964.169983
964.169983					
## 5056	2017-06-16	996.000000	999.750000	982.000000	987.710022
987.710022					
## 5057	2017-06-19	1017.000000	1017.000000	989.900024	995.169983
995.169983					
## 5058	2017-06-20	998.000000	1004.880005	992.020020	992.590027
992.590027					
## 5059	2017-06-21	998.700012	1002.719971	992.650024	1002.229980
1002.229980					
## 5060	2017-06-22	1002.229980	1006.960022	997.200012	1001.299988
1001.299988					
## 5061	2017-06-23	1002.539978	1004.619995	998.020020	1003.739990
1003.739990					

```
## 5062 2017-06-26 1008.500000 1009.799988 992.000000 993.979980  
993.979980  
## 5063 2017-06-27 990.690002 998.799988 976.000000 976.780029  
976.780029  
## 5064 2017-06-28 978.549988 990.679993 969.210022 990.330017  
990.330017  
## 5065 2017-06-29 979.000000 987.559998 965.250000 975.929993  
975.929993  
## 5066 2017-06-30 980.119995 983.469971 967.609985 968.000000  
968.000000  
## 5067 2017-07-03 972.789978 974.489990 951.000000 953.659973  
953.659973  
## 5068 2017-07-05 961.530029 975.000000 955.250000 971.400024  
971.400024  
## 5069 2017-07-06 964.659973 974.400024 959.020020 965.140015  
965.140015  
## 5070 2017-07-07 969.549988 980.109985 969.140015 978.760010  
978.760010  
## 5071 2017-07-10 985.000000 999.440002 983.500000 996.469971  
996.469971  
## 5072 2017-07-11 993.000000 995.989990 983.719971 994.130005  
994.130005  
## 5073 2017-07-12 1000.650024 1008.549988 998.099976 1006.510010  
1006.510010  
## 5074 2017-07-13 1004.619995 1006.880005 995.900024 1000.630005  
1000.630005  
## 5075 2017-07-14 1002.400024 1004.450012 996.890015 1001.809998  
1001.809998  
## 5076 2017-07-17 1004.690002 1014.750000 1003.809998 1010.039978  
1010.039978  
## 5077 2017-07-18 1006.000000 1026.030029 1004.000000 1024.449951  
1024.449951  
## 5078 2017-07-19 1025.000000 1031.589966 1022.500000 1026.869995  
1026.869995  
## 5079 2017-07-20 1031.589966 1034.969971 1022.520020 1028.699951  
1028.699951  
## 5080 2017-07-21 1021.280029 1026.099976 1011.000000 1025.670044  
1025.670044  
## 5081 2017-07-24 1028.339966 1043.010010 1027.430054 1038.949951  
1038.949951  
## 5082 2017-07-25 1038.050049 1043.329956 1032.479980 1039.869995  
1039.869995  
## 5083 2017-07-26 1043.199951 1053.199951 1043.199951 1052.800049  
1052.800049  
## 5084 2017-07-27 1069.550049 1083.310059 1040.180054 1046.000000  
1046.000000  
## 5085 2017-07-28 1012.140015 1032.849976 1001.000000 1020.039978  
1020.039978  
## 5086 2017-07-31 1019.049988 1019.049988 987.020020 987.780029  
987.780029
```

## 5087	2017-08-01	996.109985	1006.400024	991.580017	996.190002
996.190002					
## 5088	2017-08-02	1001.770020	1003.210022	981.729980	995.890015
995.890015					
## 5089	2017-08-03	999.469971	999.500000	984.590027	986.919983
986.919983					
## 5090	2017-08-04	989.679993	991.669983	982.000000	987.580017
987.580017					
## 5091	2017-08-07	990.650024	995.000000	987.140015	992.270020
992.270020					
## 5092	2017-08-08	994.349976	996.280029	985.789978	989.840027
989.840027					
## 5093	2017-08-09	982.599976	988.000000	975.270020	982.010010
982.010010					
## 5094	2017-08-10	976.299988	979.859985	954.679993	956.919983
956.919983					
## 5095	2017-08-11	960.000000	970.390015	951.380005	967.989990
967.989990					
## 5096	2017-08-14	978.409973	985.500000	976.190002	983.299988
983.299988					
## 5097	2017-08-15	988.900024	991.739990	982.000000	982.739990
982.739990					
## 5098	2017-08-16	981.650024	986.460022	973.219971	978.179993
978.179993					
## 5099	2017-08-17	977.840027	977.840027	960.320007	960.570007
960.570007					
## 5100	2017-08-18	961.400024	965.429993	954.650024	958.469971
958.469971					
## 5101	2017-08-21	957.570007	961.200012	945.460022	953.289978
953.289978					
## 5102	2017-08-22	955.520020	967.929993	955.500000	966.900024
966.900024					
## 5103	2017-08-23	959.380005	962.000000	954.200012	958.000000
958.000000					
## 5104	2017-08-24	957.419983	959.000000	941.140015	952.450012
952.450012					
## 5105	2017-08-25	956.000000	957.619995	944.099976	945.260010
945.260010					
## 5106	2017-08-28	946.539978	953.000000	942.250000	946.020020
946.020020					
## 5107	2017-08-29	940.000000	956.000000	936.330017	954.059998
954.059998					
## 5108	2017-08-30	958.440002	969.409973	956.909973	967.590027
967.590027					
## 5109	2017-08-31	974.700012	981.000000	972.760010	980.599976
980.599976					
## 5110	2017-09-01	984.200012	984.500000	976.880005	978.250000
978.250000					
## 5111	2017-09-05	975.400024	976.770020	960.369995	965.270020
965.270020					

## 5112	2017-09-06	968.320007	971.840027	960.599976	967.799988
967.799988					
## 5113	2017-09-07	974.000000	980.590027	972.549988	979.469971
979.469971					
## 5114	2017-09-08	979.099976	979.880005	963.469971	965.900024
965.900024					
## 5115	2017-09-11	974.460022	981.940002	974.219971	977.960022
977.960022					
## 5116	2017-09-12	983.270020	984.669983	975.520020	982.580017
982.580017					
## 5117	2017-09-13	983.969971	1000.000000	979.419983	999.599976
999.599976					
## 5118	2017-09-14	996.799988	998.559998	987.739990	992.210022
992.210022					
## 5119	2017-09-15	993.010010	996.250000	984.030029	986.789978
986.789978					
## 5120	2017-09-18	990.400024	992.789978	968.169983	974.190002
974.190002					
## 5121	2017-09-19	977.250000	978.239990	967.460022	969.859985
969.859985					
## 5122	2017-09-20	971.789978	974.809998	962.159973	973.210022
973.210022					
## 5123	2017-09-21	971.309998	971.700012	962.020020	964.650024
964.650024					
## 5124	2017-09-22	961.010010	965.609985	954.419983	955.099976
955.099976					
## 5125	2017-09-25	949.309998	949.419983	932.890015	939.789978
939.789978					
## 5126	2017-09-26	945.489990	948.630005	931.750000	938.599976
938.599976					
## 5127	2017-09-27	948.000000	955.299988	943.299988	950.869995
950.869995					
## 5128	2017-09-28	951.859985	959.700012	950.099976	956.400024
956.400024					
## 5129	2017-09-29	960.109985	964.830017	958.380005	961.349976
961.349976					
## 5130	2017-10-02	964.000000	967.309998	952.119995	959.190002
959.190002					
## 5131	2017-10-03	958.000000	963.690002	950.369995	957.099976
957.099976					
## 5132	2017-10-04	954.210022	967.789978	954.049988	965.450012
965.450012					
## 5133	2017-10-05	970.000000	981.510010	969.640015	980.849976
980.849976					
## 5134	2017-10-06	975.640015	995.750000	975.640015	989.580017
989.580017					
## 5135	2017-10-09	993.239990	998.500000	987.500000	990.989990
990.989990					
## 5136	2017-10-10	996.669983	997.950012	980.099976	987.200012
987.200012					

```
## 5137 2017-10-11 991.270020 995.500000 986.700012 995.000000  
995.000000  
## 5138 2017-10-12 996.809998 1008.440002 992.400024 1000.929993  
1000.929993  
## 5139 2017-10-13 1007.000000 1007.770020 1001.030029 1002.940002  
1002.940002  
## 5140 2017-10-16 1008.440002 1009.570007 1001.039978 1006.340027  
1006.340027  
## 5141 2017-10-17 1005.590027 1011.469971 1004.380005 1009.130005  
1009.130005  
## 5142 2017-10-18 1009.270020 1022.309998 996.549988 997.000000  
997.000000  
## 5143 2017-10-19 990.000000 991.049988 980.239990 986.609985  
986.609985  
## 5144 2017-10-20 993.530029 994.619995 982.000000 982.909973  
982.909973  
## 5145 2017-10-23 986.729980 986.780029 962.500000 966.299988  
966.299988  
## 5146 2017-10-24 969.000000 979.849976 965.000000 975.900024  
975.900024  
## 5147 2017-10-25 978.000000 984.440002 966.239990 972.909973  
972.909973  
## 5148 2017-10-26 980.330017 982.900024 968.549988 972.429993  
972.429993  
## 5149 2017-10-27 1058.140015 1105.579956 1050.550049 1100.949951  
1100.949951  
## 5150 2017-10-30 1095.010010 1122.790039 1093.560059 1110.849976  
1110.849976  
## 5151 2017-10-31 1109.000000 1110.540039 1101.119995 1105.280029  
1105.280029  
## 5152 2017-11-01 1105.400024 1108.969971 1096.739990 1103.680054  
1103.680054  
## 5153 2017-11-02 1097.810059 1101.939941 1086.869995 1094.219971  
1094.219971  
## 5154 2017-11-03 1091.150024 1112.680054 1088.520020 1111.599976  
1111.599976  
## 5155 2017-11-06 1109.150024 1125.410034 1108.770020 1120.660034  
1120.660034  
## 5156 2017-11-07 1124.739990 1130.599976 1117.500000 1123.170044  
1123.170044  
## 5157 2017-11-08 1122.819946 1135.540039 1119.109985 1132.880005  
1132.880005  
## 5158 2017-11-09 1125.959961 1129.619995 1115.770020 1129.130005  
1129.130005  
## 5159 2017-11-10 1126.099976 1131.750000 1124.060059 1125.349976  
1125.349976  
## 5160 2017-11-13 1123.000000 1139.900024 1122.339966 1129.170044  
1129.170044  
## 5161 2017-11-14 1130.109985 1138.000000 1123.890015 1136.839966  
1136.839966
```

```
## 5162 2017-11-15 1127.010010 1131.750000 1121.630005 1126.689941  
1126.689941  
## 5163 2017-11-16 1130.160034 1138.160034 1130.050049 1137.290039  
1137.290039  
## 5164 2017-11-17 1138.280029 1138.800049 1125.810059 1129.880005  
1129.880005  
## 5165 2017-11-20 1129.770020 1133.420044 1122.550049 1126.310059  
1126.310059  
## 5166 2017-11-21 1132.859985 1140.000000 1128.199951 1139.489990  
1139.489990  
## 5167 2017-11-22 1141.000000 1160.270020 1141.000000 1156.160034  
1156.160034  
## 5168 2017-11-24 1160.699951 1186.839966 1160.699951 1186.000000  
1186.000000  
## 5169 2017-11-27 1202.660034 1213.410034 1191.150024 1195.829956  
1195.829956  
## 5170 2017-11-28 1204.880005 1205.339966 1188.520020 1193.599976  
1193.599976  
## 5171 2017-11-29 1194.800049 1194.800049 1145.189941 1161.270020  
1161.270020  
## 5172 2017-11-30 1167.099976 1178.569946 1160.000000 1176.750000  
1176.750000  
## 5173 2017-12-01 1172.050049 1179.650024 1152.000000 1162.349976  
1162.349976  
## 5174 2017-12-04 1173.849976 1175.199951 1128.000000 1133.949951  
1133.949951  
## 5175 2017-12-05 1128.260010 1159.270020 1124.739990 1141.569946  
1141.569946  
## 5176 2017-12-06 1137.989990 1155.890015 1136.079956 1152.349976  
1152.349976  
## 5177 2017-12-07 1156.589966 1163.189941 1151.000000 1159.790039  
1159.790039  
## 5178 2017-12-08 1170.400024 1172.790039 1157.099976 1162.000000  
1162.000000  
## 5179 2017-12-11 1164.599976 1169.900024 1157.000000 1168.920044  
1168.920044  
## 5180 2017-12-12 1166.510010 1173.599976 1161.609985 1165.079956  
1165.079956  
## 5181 2017-12-13 1170.000000 1170.869995 1160.270020 1164.130005  
1164.130005  
## 5182 2017-12-14 1163.709961 1177.930054 1162.449951 1174.260010  
1174.260010  
## 5183 2017-12-15 1179.030029 1182.750000 1169.329956 1179.140015  
1179.140015  
## 5184 2017-12-18 1187.369995 1194.780029 1180.910034 1190.579956  
1190.579956  
## 5185 2017-12-19 1189.150024 1192.969971 1179.140015 1187.380005  
1187.380005  
## 5186 2017-12-20 1190.500000 1191.000000 1176.000000 1177.619995  
1177.619995
```

```
## 5187 2017-12-21 1175.900024 1179.170044 1167.640015 1174.760010  
1174.760010  
## 5188 2017-12-22 1172.079956 1174.619995 1167.829956 1168.359985  
1168.359985  
## 5189 2017-12-26 1168.359985 1178.319946 1160.550049 1176.760010  
1176.760010  
## 5190 2017-12-27 1179.910034 1187.290039 1175.609985 1182.260010  
1182.260010  
## 5191 2017-12-28 1189.000000 1190.099976 1184.380005 1186.099976  
1186.099976  
## 5192 2017-12-29 1182.349976 1184.000000 1167.500000 1169.469971  
1169.469971  
## 5193 2018-01-02 1172.000000 1190.000000 1170.510010 1189.010010  
1189.010010  
## 5194 2018-01-03 1188.300049 1205.489990 1188.300049 1204.199951  
1204.199951  
## 5195 2018-01-04 1205.000000 1215.869995 1204.660034 1209.589966  
1209.589966  
## 5196 2018-01-05 1217.510010 1229.140015 1210.000000 1229.140015  
1229.140015  
## 5197 2018-01-08 1236.000000 1253.079956 1232.030029 1246.869995  
1246.869995  
## 5198 2018-01-09 1256.900024 1259.329956 1241.760010 1252.699951  
1252.699951  
## 5199 2018-01-10 1245.150024 1254.329956 1237.229980 1254.329956  
1254.329956  
## 5200 2018-01-11 1259.739990 1276.770020 1256.459961 1276.680054  
1276.680054  
## 5201 2018-01-12 1273.390015 1305.760010 1273.390015 1305.199951  
1305.199951  
## 5202 2018-01-16 1323.000000 1339.939941 1292.300049 1304.859985  
1304.859985  
## 5203 2018-01-17 1312.239990 1314.000000 1280.880005 1295.000000  
1295.000000  
## 5204 2018-01-18 1293.949951 1304.599976 1284.020020 1293.319946  
1293.319946  
## 5205 2018-01-19 1312.000000 1313.000000 1292.989990 1294.579956  
1294.579956  
## 5206 2018-01-22 1297.170044 1327.449951 1296.660034 1327.310059  
1327.310059  
## 5207 2018-01-23 1338.089966 1364.900024 1337.339966 1362.540039  
1362.540039  
## 5208 2018-01-24 1374.819946 1388.160034 1338.000000 1357.510010  
1357.510010  
## 5209 2018-01-25 1368.000000 1378.339966 1357.619995 1377.949951  
1377.949951  
## 5210 2018-01-26 1392.010010 1402.530029 1380.910034 1402.050049  
1402.050049  
## 5211 2018-01-29 1409.180054 1431.390015 1400.439941 1417.680054  
1417.680054
```

```
## 5212 2018-01-30 1403.170044 1439.250000 1392.000000 1437.819946  
1437.819946  
## 5213 2018-01-31 1451.300049 1472.579956 1450.040039 1450.890015  
1450.890015  
## 5214 2018-02-01 1445.000000 1459.880005 1385.140015 1390.000000  
1390.000000  
## 5215 2018-02-02 1477.390015 1498.000000 1414.000000 1429.949951  
1429.949951  
## 5216 2018-02-05 1402.619995 1458.979980 1320.719971 1390.000000  
1390.000000  
## 5217 2018-02-06 1361.459961 1443.989990 1351.790039 1442.839966  
1442.839966  
## 5218 2018-02-07 1449.000000 1460.989990 1415.150024 1416.780029  
1416.780029  
## 5219 2018-02-08 1429.680054 1433.750000 1349.939941 1350.500000  
1350.500000  
## 5220 2018-02-09 1373.489990 1383.500000 1265.930054 1339.599976  
1339.599976  
## 5221 2018-02-12 1364.670044 1393.810059 1344.010010 1386.229980  
1386.229980  
## 5222 2018-02-13 1385.930054 1419.719971 1383.530029 1414.510010  
1414.510010  
## 5223 2018-02-14 1406.250000 1452.060059 1403.359985 1451.050049  
1451.050049  
## 5224 2018-02-15 1466.890015 1468.939941 1436.839966 1461.760010  
1461.760010  
## 5225 2018-02-16 1457.369995 1465.800049 1446.560059 1448.689941  
1448.689941  
## 5226 2018-02-20 1446.489990 1488.770020 1446.489990 1468.349976  
1468.349976  
## 5227 2018-02-21 1485.000000 1503.489990 1478.920044 1482.920044  
1482.920044  
## 5228 2018-02-22 1495.359985 1502.540039 1475.760010 1485.339966  
1485.339966  
## 5229 2018-02-23 1495.339966 1500.000000 1486.500000 1500.000000  
1500.000000  
## 5230 2018-02-26 1509.199951 1522.839966 1507.000000 1521.949951  
1521.949951  
## 5231 2018-02-27 1524.500000 1526.780029 1507.209961 1511.979980  
1511.979980  
## 5232 2018-02-28 1519.510010 1528.699951 1512.000000 1512.449951  
1512.449951  
## 5233 2018-03-01 1513.599976 1518.489990 1465.000000 1493.449951  
1493.449951  
## 5234 2018-03-02 1469.099976 1501.050049 1455.010010 1500.250000  
1500.250000  
## 5235 2018-03-05 1494.239990 1525.380005 1481.000000 1523.609985  
1523.609985  
## 5236 2018-03-06 1533.199951 1542.130005 1528.000000 1537.640015  
1537.640015
```

```
## 5237 2018-03-07 1526.520020 1545.900024 1522.510010 1545.000000  
1545.000000  
## 5238 2018-03-08 1550.000000 1554.880005 1545.250000 1551.859985  
1551.859985  
## 5239 2018-03-09 1563.500000 1578.939941 1559.079956 1578.890015  
1578.890015  
## 5240 2018-03-12 1592.599976 1605.329956 1586.699951 1598.390015  
1598.390015  
## 5241 2018-03-13 1615.959961 1617.540039 1578.010010 1588.180054  
1588.180054  
## 5242 2018-03-14 1597.000000 1606.439941 1590.890015 1591.000000  
1591.000000  
## 5243 2018-03-15 1595.000000 1596.910034 1578.109985 1582.319946  
1582.319946  
## 5244 2018-03-16 1583.449951 1589.439941 1567.500000 1571.680054  
1571.680054  
## 5245 2018-03-19 1554.530029 1561.660034 1525.349976 1544.930054  
1544.930054  
## 5246 2018-03-20 1550.339966 1587.000000 1545.410034 1586.510010  
1586.510010  
## 5247 2018-03-21 1586.449951 1590.000000 1563.170044 1581.859985  
1581.859985  
## 5248 2018-03-22 1565.469971 1573.849976 1542.400024 1544.920044  
1544.920044  
## 5249 2018-03-23 1539.010010 1549.020020 1495.359985 1495.560059  
1495.560059  
## 5250 2018-03-26 1530.000000 1556.989990 1499.250000 1555.859985  
1555.859985  
## 5251 2018-03-27 1572.400024 1575.969971 1482.319946 1497.050049  
1497.050049  
## 5252 2018-03-28 1447.000000 1455.900024 1386.170044 1431.420044  
1431.420044  
## 5253 2018-03-29 1406.000000 1455.469971 1365.199951 1447.339966  
1447.339966  
## 5254 2018-04-02 1417.619995 1421.359985 1355.000000 1371.989990  
1371.989990  
## 5255 2018-04-03 1391.380005 1414.000000 1355.329956 1392.050049  
1392.050049  
## 5256 2018-04-04 1358.239990 1415.390015 1352.880005 1410.569946  
1410.569946  
## 5257 2018-04-05 1441.989990 1459.560059 1427.069946 1451.750000  
1451.750000  
## 5258 2018-04-06 1429.969971 1452.500000 1400.260010 1405.229980  
1405.229980  
## 5259 2018-04-09 1425.030029 1438.479980 1402.569946 1406.079956  
1406.079956  
## 5260 2018-04-10 1431.989990 1438.380005 1415.699951 1436.219971  
1436.219971  
## 5261 2018-04-11 1439.439941 1448.780029 1424.890015 1427.050049  
1427.050049
```

```
## 5262 2018-04-12 1439.500000 1452.119995 1435.060059 1448.500000  
1448.500000  
## 5263 2018-04-13 1449.140015 1459.780029 1424.520020 1430.790039  
1430.790039  
## 5264 2018-04-16 1445.000000 1447.000000 1427.479980 1441.500000  
1441.500000  
## 5265 2018-04-17 1462.300049 1507.189941 1457.020020 1503.829956  
1503.829956  
## 5266 2018-04-18 1514.650024 1533.800049 1504.109985 1527.839966  
1527.839966  
## 5267 2018-04-19 1543.219971 1568.520020 1539.060059 1556.910034  
1556.910034  
## 5268 2018-04-20 1561.199951 1561.199951 1516.089966 1527.489990  
1527.489990  
## 5269 2018-04-23 1546.689941 1548.000000 1503.410034 1517.859985  
1517.859985  
## 5270 2018-04-24 1535.800049 1539.500000 1448.449951 1460.089966  
1460.089966  
## 5271 2018-04-25 1458.000000 1469.989990 1415.020020 1460.170044  
1460.170044  
## 5272 2018-04-26 1485.010010 1529.420044 1478.500000 1517.959961  
1517.959961  
## 5273 2018-04-27 1634.010010 1638.099976 1567.390015 1572.619995  
1572.619995  
## 5274 2018-04-30 1582.500000 1596.000000 1560.939941 1566.130005  
1566.130005  
## 5275 2018-05-01 1563.219971 1585.000000 1552.180054 1582.260010  
1582.260010  
## 5276 2018-05-02 1580.979980 1588.500000 1566.359985 1569.680054  
1569.680054  
## 5277 2018-05-03 1560.010010 1574.800049 1546.020020 1572.079956  
1572.079956  
## 5278 2018-05-04 1562.449951 1584.900024 1562.189941 1580.949951  
1580.949951  
## 5279 2018-05-07 1589.339966 1606.949951 1587.829956 1600.140015  
1600.140015  
## 5280 2018-05-08 1595.000000 1596.880005 1582.510010 1592.390015  
1592.390015  
## 5281 2018-05-09 1600.000000 1608.000000 1592.000000 1608.000000  
1608.000000  
## 5282 2018-05-10 1608.479980 1615.599976 1603.439941 1609.079956  
1609.079956  
## 5283 2018-05-11 1610.989990 1611.099976 1597.890015 1602.910034  
1602.910034  
## 5284 2018-05-14 1604.000000 1611.180054 1600.050049 1601.540039  
1601.540039  
## 5285 2018-05-15 1587.800049 1587.800049 1565.219971 1576.119995  
1576.119995  
## 5286 2018-05-16 1577.500000 1594.430054 1576.670044 1587.280029  
1587.280029
```

```
## 5287 2018-05-17 1580.560059 1594.040039 1573.000000 1581.760010  
1581.760010  
## 5288 2018-05-18 1581.329956 1583.589966 1572.099976 1574.369995  
1574.369995  
## 5289 2018-05-21 1585.000000 1592.050049 1575.000000 1585.459961  
1585.459961  
## 5290 2018-05-22 1589.890015 1589.890015 1575.250000 1581.400024  
1581.400024  
## 5291 2018-05-23 1571.050049 1601.859985 1566.339966 1601.859985  
1601.859985  
## 5292 2018-05-24 1598.030029 1608.239990 1588.380005 1603.069946  
1603.069946  
## 5293 2018-05-25 1603.000000 1614.119995 1600.449951 1610.150024  
1610.150024  
## 5294 2018-05-29 1600.709961 1621.790039 1600.150024 1612.869995  
1612.869995  
## 5295 2018-05-30 1618.099976 1626.000000 1612.930054 1624.890015  
1624.890015  
## 5296 2018-05-31 1623.000000 1635.000000 1621.349976 1629.619995  
1629.619995  
## 5297 2018-06-01 1637.030029 1646.729980 1635.089966 1641.540039  
1641.540039  
## 5298 2018-06-04 1648.900024 1665.680054 1645.489990 1665.270020  
1665.270020  
## 5299 2018-06-05 1672.989990 1699.000000 1670.060059 1696.349976  
1696.349976  
## 5300 2018-06-06 1704.510010 1714.500000 1686.469971 1695.750000  
1695.750000  
## 5301 2018-06-07 1698.560059 1699.900024 1676.109985 1689.300049  
1689.300049  
## 5302 2018-06-08 1681.119995 1689.439941 1673.010010 1683.989990  
1683.989990  
## 5303 2018-06-11 1681.510010 1694.239990 1680.589966 1689.119995  
1689.119995  
## 5304 2018-06-12 1693.000000 1699.510010 1691.520020 1698.750000  
1698.750000  
## 5305 2018-06-13 1702.810059 1713.750000 1700.119995 1704.859985  
1704.859985  
## 5306 2018-06-14 1713.479980 1724.800049 1708.869995 1723.859985  
1723.859985  
## 5307 2018-06-15 1714.000000 1720.869995 1708.520020 1715.969971  
1715.969971  
## 5308 2018-06-18 1706.260010 1726.739990 1702.560059 1723.790039  
1723.790039  
## 5309 2018-06-19 1709.040039 1736.109985 1700.390015 1734.780029  
1734.780029  
## 5310 2018-06-20 1742.500000 1762.930054 1741.359985 1750.079956  
1750.079956  
## 5311 2018-06-21 1760.000000 1763.099976 1717.560059 1730.219971  
1730.219971
```

```
## 5312 2018-06-22 1742.619995 1743.000000 1711.900024 1715.670044  
1715.670044  
## 5313 2018-06-25 1702.510010 1705.000000 1646.310059 1663.150024  
1663.150024  
## 5314 2018-06-26 1672.369995 1701.569946 1663.339966 1691.089966  
1691.089966  
## 5315 2018-06-27 1708.109985 1711.949951 1660.000000 1660.510010  
1660.510010  
## 5316 2018-06-28 1672.540039 1705.500000 1661.170044 1701.449951  
1701.449951  
## 5317 2018-06-29 1717.000000 1723.410034 1694.319946 1699.800049  
1699.800049  
## 5318 2018-07-02 1682.699951 1713.890015 1678.060059 1713.780029  
1713.780029  
## 5319 2018-07-03 1723.959961 1725.000000 1692.479980 1693.959961  
1693.959961  
## 5320 2018-07-05 1705.380005 1710.689941 1682.150024 1699.729980  
1699.729980  
## 5321 2018-07-06 1696.000000 1715.270020 1691.670044 1710.630005  
1710.630005  
## 5322 2018-07-09 1724.050049 1739.560059 1716.229980 1739.020020  
1739.020020  
## 5323 2018-07-10 1738.530029 1750.000000 1731.000000 1743.069946  
1743.069946  
## 5324 2018-07-11 1737.989990 1756.959961 1734.000000 1755.000000  
1755.000000  
## 5325 2018-07-12 1764.510010 1798.000000 1762.180054 1796.619995  
1796.619995  
## 5326 2018-07-13 1803.930054 1815.300049 1795.229980 1813.030029  
1813.030029  
## 5327 2018-07-16 1821.949951 1841.949951 1814.449951 1822.489990  
1822.489990  
## 5328 2018-07-17 1811.560059 1851.689941 1797.380005 1843.930054  
1843.930054  
## 5329 2018-07-18 1848.000000 1858.880005 1831.270020 1842.920044  
1842.920044  
## 5330 2018-07-19 1829.459961 1841.000000 1811.270020 1812.969971  
1812.969971  
## 5331 2018-07-20 1825.010010 1834.839966 1810.060059 1813.699951  
1813.699951  
## 5332 2018-07-23 1812.209961 1819.000000 1769.989990 1802.000000  
1802.000000  
## 5333 2018-07-24 1829.010010 1840.000000 1809.380005 1829.239990  
1829.239990  
## 5334 2018-07-25 1829.300049 1863.839966 1822.640015 1863.609985  
1863.609985  
## 5335 2018-07-26 1839.000000 1844.680054 1804.500000 1808.000000  
1808.000000  
## 5336 2018-07-27 1876.050049 1880.050049 1806.530029 1817.270020  
1817.270020
```

```
## 5337 2018-07-30 1827.329956 1829.500000 1766.020020 1779.219971  
1779.219971  
## 5338 2018-07-31 1786.489990 1801.829956 1739.319946 1777.439941  
1777.439941  
## 5339 2018-08-01 1784.000000 1798.439941 1776.020020 1797.170044  
1797.170044  
## 5340 2018-08-02 1788.770020 1836.560059 1786.000000 1834.329956  
1834.329956  
## 5341 2018-08-03 1837.739990 1841.000000 1821.500000 1823.290039  
1823.290039  
## 5342 2018-08-06 1825.810059 1847.770020 1818.920044 1847.750000  
1847.750000  
## 5343 2018-08-07 1854.530029 1869.719971 1846.270020 1862.479980  
1862.479980  
## 5344 2018-08-08 1861.000000 1891.510010 1854.500000 1886.520020  
1886.520020  
## 5345 2018-08-09 1882.000000 1914.569946 1877.479980 1898.520020  
1898.520020  
## 5346 2018-08-10 1888.510010 1899.500000 1878.209961 1886.300049  
1886.300049  
## 5347 2018-08-13 1898.500000 1925.000000 1893.670044 1896.199951  
1896.199951  
## 5348 2018-08-14 1919.390015 1921.010010 1900.000000 1919.650024  
1919.650024  
## 5349 2018-08-15 1909.550049 1916.209961 1869.790039 1882.619995  
1882.619995  
## 5350 2018-08-16 1903.939941 1905.000000 1883.550049 1886.520020  
1886.520020  
## 5351 2018-08-17 1885.800049 1888.000000 1855.550049 1882.219971  
1882.219971  
## 5352 2018-08-20 1890.569946 1891.750000 1866.060059 1876.709961  
1876.709961  
## 5353 2018-08-21 1880.000000 1897.750000 1874.410034 1883.420044  
1883.420044  
## 5354 2018-08-22 1876.640015 1905.800049 1876.640015 1904.900024  
1904.900024  
## 5355 2018-08-23 1907.170044 1919.500000 1900.760010 1902.900024  
1902.900024  
## 5356 2018-08-24 1910.510010 1916.010010 1902.540039 1905.390015  
1905.390015  
## 5357 2018-08-27 1915.000000 1927.699951 1909.280029 1927.680054  
1927.680054  
## 5358 2018-08-28 1937.729980 1941.780029 1928.819946 1932.819946  
1932.819946  
## 5359 2018-08-29 1953.449951 1998.689941 1948.939941 1998.099976  
1998.099976  
## 5360 2018-08-30 1997.420044 2025.569946 1986.900024 2002.380005  
2002.380005  
## 5361 2018-08-31 2007.000000 2022.380005 2004.739990 2012.709961  
2012.709961
```

```
## 5362 2018-09-04 2026.500000 2050.500000 2013.000000 2039.510010  
2039.510010  
## 5363 2018-09-05 2038.109985 2040.380005 1989.890015 1994.819946  
1994.819946  
## 5364 2018-09-06 2006.510010 2007.500000 1935.209961 1958.310059  
1958.310059  
## 5365 2018-09-07 1938.709961 1975.199951 1937.349976 1952.069946  
1952.069946  
## 5366 2018-09-10 1971.000000 1973.040039 1931.520020 1939.010010  
1939.010010  
## 5367 2018-09-11 1928.270020 1988.880005 1917.000000 1987.150024  
1987.150024  
## 5368 2018-09-12 1994.000000 2000.000000 1962.439941 1990.000000  
1990.000000  
## 5369 2018-09-13 2000.000000 2008.760010 1982.030029 1989.869995  
1989.869995  
## 5370 2018-09-14 1992.930054 1993.650024 1959.219971 1970.189941  
1970.189941  
## 5371 2018-09-17 1954.729980 1956.819946 1887.410034 1908.030029  
1908.030029  
## 5372 2018-09-18 1918.650024 1958.199951 1915.439941 1941.050049  
1941.050049  
## 5373 2018-09-19 1940.500000 1940.829956 1904.900024 1926.420044  
1926.420044  
## 5374 2018-09-20 1938.579956 1955.000000 1932.250000 1944.300049  
1944.300049  
## 5375 2018-09-21 1954.219971 1957.310059 1910.500000 1915.010010  
1915.010010  
## 5376 2018-09-24 1903.790039 1936.880005 1865.000000 1934.359985  
1934.359985  
## 5377 2018-09-25 1942.900024 1975.910034 1938.849976 1974.550049  
1974.550049  
## 5378 2018-09-26 1968.500000 1995.250000 1961.520020 1974.849976  
1974.849976  
## 5379 2018-09-27 1993.239990 2016.160034 1988.579956 2012.979980  
2012.979980  
## 5380 2018-09-28 2004.410034 2026.520020 1996.459961 2003.000000  
2003.000000  
## 5381 2018-10-01 2021.989990 2033.189941 2003.599976 2004.359985  
2004.359985  
## 5382 2018-10-02 1999.989990 2013.390015 1965.770020 1971.310059  
1971.310059  
## 5383 2018-10-03 1981.699951 1989.699951 1949.810059 1952.760010  
1952.760010  
## 5384 2018-10-04 1949.000000 1956.000000 1896.569946 1909.420044  
1909.420044  
## 5385 2018-10-05 1917.989990 1929.079956 1862.829956 1889.650024  
1889.650024  
## 5386 2018-10-08 1874.000000 1902.000000 1830.660034 1864.420044  
1864.420044
```

```
## 5387 2018-10-09 1859.989990 1896.680054 1852.319946 1870.319946  
1870.319946  
## 5388 2018-10-10 1857.890015 1858.560059 1754.410034 1755.250000  
1755.250000  
## 5389 2018-10-11 1724.000000 1755.400024 1685.099976 1719.359985  
1719.359985  
## 5390 2018-10-12 1808.000000 1808.949951 1742.530029 1788.609985  
1788.609985  
## 5391 2018-10-15 1795.000000 1795.050049 1734.229980 1760.949951  
1760.949951  
## 5392 2018-10-16 1783.500000 1823.880005 1761.550049 1819.959961  
1819.959961  
## 5393 2018-10-17 1842.790039 1845.000000 1807.000000 1831.729980  
1831.729980  
## 5394 2018-10-18 1821.489990 1830.150024 1767.869995 1770.719971  
1770.719971  
## 5395 2018-10-19 1785.160034 1809.099976 1753.000000 1764.030029  
1764.030029  
## 5396 2018-10-22 1784.000000 1809.500000 1756.000000 1789.300049  
1789.300049  
## 5397 2018-10-23 1742.239990 1776.339966 1714.000000 1768.699951  
1768.699951  
## 5398 2018-10-24 1773.699951 1777.709961 1656.560059 1664.199951  
1664.199951  
## 5399 2018-10-25 1703.339966 1794.810059 1692.010010 1782.170044  
1782.170044  
## 5400 2018-10-26 1649.589966 1698.459961 1603.000000 1642.810059  
1642.810059  
## 5401 2018-10-29 1660.000000 1665.739990 1495.000000 1538.880005  
1538.880005  
## 5402 2018-10-30 1486.160034 1540.989990 1476.359985 1530.420044  
1530.420044  
## 5403 2018-10-31 1569.989990 1623.910034 1565.089966 1598.010010  
1598.010010  
## 5404 2018-11-01 1623.530029 1670.449951 1598.439941 1665.530029  
1665.530029  
## 5405 2018-11-02 1678.589966 1697.439941 1651.829956 1665.530029  
1665.530029  
## 5406 2018-11-05 1657.569946 1658.089966 1596.359985 1627.800049  
1627.800049  
## 5407 2018-11-06 1618.349976 1665.000000 1614.550049 1642.810059  
1642.810059  
## 5408 2018-11-07 1673.000000 1759.229980 1664.079956 1755.489990  
1755.489990  
## 5409 2018-11-08 1755.000000 1784.000000 1725.109985 1754.910034  
1754.910034  
## 5410 2018-11-09 1732.500000 1743.920044 1701.869995 1712.430054  
1712.430054  
## 5411 2018-11-12 1698.239990 1708.550049 1630.010010 1636.849976  
1636.849976
```

```
## 5412 2018-11-13 1649.290039 1677.060059 1613.750000 1631.170044  
1631.170044  
## 5413 2018-11-14 1656.319946 1673.000000 1597.069946 1599.010010  
1599.010010  
## 5414 2018-11-15 1581.010010 1624.819946 1546.510010 1619.439941  
1619.439941  
## 5415 2018-11-16 1587.500000 1614.479980 1573.119995 1593.410034  
1593.410034  
## 5416 2018-11-19 1577.010010 1581.189941 1503.359985 1512.290039  
1512.290039  
## 5417 2018-11-20 1437.500000 1534.750000 1420.000000 1495.459961  
1495.459961  
## 5418 2018-11-21 1542.989990 1550.000000 1515.000000 1516.729980  
1516.729980  
## 5419 2018-11-23 1517.000000 1536.199951 1501.810059 1502.060059  
1502.060059  
## 5420 2018-11-26 1539.000000 1584.810059 1524.219971 1581.329956  
1581.329956  
## 5421 2018-11-27 1575.989990 1597.650024 1558.010010 1581.420044  
1581.420044  
## 5422 2018-11-28 1613.920044 1681.449951 1601.219971 1677.750000  
1677.750000  
## 5423 2018-11-29 1674.989990 1689.989990 1652.329956 1673.569946  
1673.569946  
## 5424 2018-11-30 1679.500000 1696.000000 1666.500000 1690.170044  
1690.170044  
## 5425 2018-12-03 1769.459961 1778.339966 1730.000000 1772.359985  
1772.359985  
## 5426 2018-12-04 1756.000000 1770.339966 1665.000000 1668.400024  
1668.400024  
## 5427 2018-12-06 1614.869995 1701.050049 1609.849976 1699.189941  
1699.189941  
## 5428 2018-12-07 1705.069946 1718.930054 1625.459961 1629.130005  
1629.130005  
## 5429 2018-12-10 1623.839966 1657.989990 1590.869995 1641.030029  
1641.030029  
## 5430 2018-12-11 1678.000000 1679.469971 1619.599976 1643.239990  
1643.239990  
## 5431 2018-12-12 1669.000000 1704.989990 1660.270020 1663.540039  
1663.540039  
## 5432 2018-12-13 1680.000000 1692.119995 1641.500000 1658.380005  
1658.380005  
## 5433 2018-12-14 1638.000000 1642.569946 1585.000000 1591.910034  
1591.910034  
## 5434 2018-12-17 1566.000000 1576.130005 1505.010010 1520.910034  
1520.910034  
## 5435 2018-12-18 1540.000000 1567.550049 1523.010010 1551.479980  
1551.479980  
## 5436 2018-12-19 1543.050049 1584.530029 1483.180054 1495.079956  
1495.079956
```

```
## 5437 2018-12-20 1484.000000 1509.500000 1432.689941 1460.829956  
1460.829956  
## 5438 2018-12-21 1464.989990 1480.000000 1363.959961 1377.449951  
1377.449951  
## 5439 2018-12-24 1346.000000 1396.030029 1307.000000 1343.959961  
1343.959961  
## 5440 2018-12-26 1368.890015 1473.160034 1363.010010 1470.900024  
1470.900024  
## 5441 2018-12-27 1454.199951 1469.000000 1390.310059 1461.640015  
1461.640015  
## 5442 2018-12-28 1473.349976 1513.469971 1449.000000 1478.020020  
1478.020020  
## 5443 2018-12-31 1510.800049 1520.760010 1487.000000 1501.969971  
1501.969971  
## 5444 2019-01-02 1465.199951 1553.359985 1460.930054 1539.130005  
1539.130005  
## 5445 2019-01-03 1520.010010 1538.000000 1497.109985 1500.280029  
1500.280029  
## 5446 2019-01-04 1530.000000 1594.000000 1518.310059 1575.390015  
1575.390015  
## 5447 2019-01-07 1602.310059 1634.560059 1589.189941 1629.510010  
1629.510010  
## 5448 2019-01-08 1664.689941 1676.609985 1616.609985 1656.579956  
1656.579956  
## 5449 2019-01-09 1652.979980 1667.800049 1641.400024 1659.420044  
1659.420044  
## 5450 2019-01-10 1641.010010 1663.250000 1621.619995 1656.219971  
1656.219971  
## 5451 2019-01-11 1640.550049 1660.290039 1636.219971 1640.560059  
1640.560059  
## 5452 2019-01-14 1615.000000 1648.199951 1595.150024 1617.209961  
1617.209961  
## 5453 2019-01-15 1632.000000 1675.160034 1626.010010 1674.560059  
1674.560059  
## 5454 2019-01-16 1684.219971 1705.000000 1675.880005 1683.780029  
1683.780029  
## 5455 2019-01-17 1680.000000 1700.170044 1677.500000 1693.219971  
1693.219971  
## 5456 2019-01-18 1712.000000 1716.199951 1691.540039 1696.199951  
1696.199951  
## 5457 2019-01-22 1681.000000 1681.869995 1610.199951 1632.170044  
1632.170044  
## 5458 2019-01-23 1656.000000 1657.430054 1612.000000 1640.020020  
1640.020020  
## 5459 2019-01-24 1641.069946 1657.260010 1631.780029 1654.930054  
1654.930054  
## 5460 2019-01-25 1670.500000 1683.479980 1661.609985 1670.569946  
1670.569946  
## 5461 2019-01-28 1643.589966 1645.000000 1614.089966 1637.890015  
1637.890015
```

```
## 5462 2019-01-29 1631.270020 1632.380005 1590.719971 1593.880005  
1593.880005  
## 5463 2019-01-30 1623.000000 1676.949951 1619.680054 1670.430054  
1670.430054  
## 5464 2019-01-31 1692.849976 1736.410034 1679.079956 1718.729980  
1718.729980  
## 5465 2019-02-01 1638.880005 1673.060059 1622.010010 1626.229980  
1626.229980  
## 5466 2019-02-04 1623.000000 1649.630005 1613.500000 1633.310059  
1633.310059  
## 5467 2019-02-05 1643.339966 1665.260010 1642.500000 1658.810059  
1658.810059  
## 5468 2019-02-06 1670.750000 1672.260010 1633.339966 1640.260010  
1640.260010  
## 5469 2019-02-07 1625.000000 1625.540039 1592.910034 1614.369995  
1614.369995  
## 5470 2019-02-08 1586.000000 1588.589966 1566.760010 1588.219971  
1588.219971  
## 5471 2019-02-11 1600.979980 1609.290039 1586.000000 1591.000000  
1591.000000  
## 5472 2019-02-12 1604.000000 1639.400024 1598.880005 1638.010010  
1638.010010  
## 5473 2019-02-13 1647.000000 1656.380005 1637.109985 1640.000000  
1640.000000  
## 5474 2019-02-14 1624.500000 1637.900024 1606.060059 1622.650024  
1622.650024  
## 5475 2019-02-15 1627.859985 1628.910034 1604.500000 1607.949951  
1607.949951  
## 5476 2019-02-19 1601.000000 1634.000000 1600.560059 1627.579956  
1627.579956  
## 5477 2019-02-20 1630.000000 1634.930054 1610.119995 1622.099976  
1622.099976  
## 5478 2019-02-21 1619.849976 1623.560059 1600.910034 1619.439941  
1619.439941  
## 5479 2019-02-22 1623.500000 1634.939941 1621.170044 1631.560059  
1631.560059  
## 5480 2019-02-25 1641.449951 1654.599976 1630.390015 1633.000000  
1633.000000  
## 5481 2019-02-26 1625.979980 1639.989990 1616.130005 1636.400024  
1636.400024  
## 5482 2019-02-27 1628.180054 1641.810059 1615.099976 1641.089966  
1641.089966  
## 5483 2019-02-28 1635.250000 1651.770020 1633.829956 1639.829956  
1639.829956  
## 5484 2019-03-01 1655.130005 1674.260010 1651.000000 1671.729980  
1671.729980  
## 5485 2019-03-04 1685.000000 1709.430054 1674.359985 1696.170044  
1696.170044  
## 5486 2019-03-05 1702.949951 1707.800049 1689.010010 1692.430054  
1692.430054
```

```
## 5487 2019-03-06 1695.969971 1697.750000 1668.280029 1668.949951  
1668.949951  
## 5488 2019-03-07 1667.369995 1669.750000 1620.510010 1625.949951  
1625.949951  
## 5489 2019-03-08 1604.010010 1622.719971 1586.569946 1620.800049  
1620.800049  
## 5490 2019-03-11 1626.119995 1672.290039 1626.010010 1670.619995  
1670.619995  
## 5491 2019-03-12 1669.000000 1684.270020 1660.979980 1673.099976  
1673.099976  
## 5492 2019-03-13 1683.000000 1700.000000 1679.349976 1690.810059  
1690.810059  
## 5493 2019-03-14 1691.199951 1702.000000 1684.339966 1686.219971  
1686.219971  
## 5494 2019-03-15 1703.000000 1718.800049 1693.130005 1712.359985  
1712.359985  
## 5495 2019-03-18 1712.699951 1750.000000 1712.630005 1742.150024  
1742.150024  
## 5496 2019-03-19 1753.510010 1784.160034 1753.510010 1761.849976  
1761.849976  
## 5497 2019-03-20 1769.939941 1799.500000 1767.030029 1797.270020  
1797.270020  
## 5498 2019-03-21 1796.260010 1823.750000 1787.280029 1819.260010  
1819.260010  
## 5499 2019-03-22 1810.170044 1818.979980 1763.109985 1764.770020  
1764.770020  
## 5500 2019-03-25 1757.790039 1782.680054 1747.500000 1774.260010  
1774.260010  
## 5501 2019-03-26 1793.000000 1805.770020 1773.359985 1783.760010  
1783.760010  
## 5502 2019-03-27 1784.130005 1787.500000 1745.680054 1765.699951  
1765.699951  
## 5503 2019-03-28 1770.000000 1777.930054 1753.469971 1773.420044  
1773.420044  
## 5504 2019-03-29 1786.579956 1792.859985 1776.630005 1780.750000  
1780.750000  
## 5505 2019-04-01 1800.109985 1815.670044 1798.729980 1814.189941  
1814.189941  
## 5506 2019-04-02 1811.020020 1820.000000 1805.119995 1813.979980  
1813.979980  
## 5507 2019-04-03 1826.719971 1830.000000 1809.619995 1820.699951  
1820.699951  
## 5508 2019-04-04 1820.650024 1828.750000 1804.199951 1818.859985  
1818.859985  
## 5509 2019-04-05 1829.000000 1838.579956 1825.189941 1837.280029  
1837.280029  
## 5510 2019-04-08 1833.229980 1850.199951 1825.109985 1849.859985  
1849.859985  
## 5511 2019-04-09 1845.489990 1853.089966 1831.780029 1835.839966  
1835.839966
```

```
## 5512 2019-04-10 1841.000000 1848.000000 1828.810059 1847.329956  
1847.329956  
## 5513 2019-04-11 1848.699951 1849.949951 1840.310059 1844.069946  
1844.069946  
## 5514 2019-04-12 1848.400024 1851.500000 1841.300049 1843.060059  
1843.060059  
## 5515 2019-04-15 1842.000000 1846.849976 1818.900024 1844.869995  
1844.869995  
## 5516 2019-04-16 1851.349976 1869.770020 1848.000000 1863.040039  
1863.040039  
## 5517 2019-04-17 1872.989990 1876.469971 1860.439941 1864.819946  
1864.819946  
## 5518 2019-04-18 1868.790039 1870.819946 1859.479980 1861.689941  
1861.689941  
## 5519 2019-04-22 1855.400024 1888.420044 1845.640015 1887.310059  
1887.310059  
## 5520 2019-04-23 1891.199951 1929.260010 1889.579956 1923.770020  
1923.770020  
## 5521 2019-04-24 1925.000000 1929.689941 1898.160034 1901.750000  
1901.750000  
## 5522 2019-04-25 1917.000000 1922.449951 1900.310059 1902.250000  
1902.250000  
## 5523 2019-04-26 1929.000000 1951.000000 1898.000000 1950.630005  
1950.630005  
## 5524 2019-04-29 1949.000000 1956.339966 1934.089966 1938.430054  
1938.430054  
## 5525 2019-04-30 1930.099976 1935.709961 1906.949951 1926.520020  
1926.520020  
## 5526 2019-05-01 1933.089966 1943.640015 1910.550049 1911.520020  
1911.520020  
## 5527 2019-05-02 1913.329956 1921.550049 1881.869995 1900.819946  
1900.819946  
## 5528 2019-05-03 1949.000000 1964.400024 1936.000000 1962.459961  
1962.459961  
## 5529 2019-05-06 1917.979980 1959.000000 1910.500000 1950.550049  
1950.550049  
## 5530 2019-05-07 1939.989990 1949.099976 1903.380005 1921.000000  
1921.000000  
## 5531 2019-05-08 1918.869995 1935.369995 1910.000000 1917.770020  
1917.770020  
## 5532 2019-05-09 1900.000000 1909.400024 1876.000000 1899.869995  
1899.869995  
## 5533 2019-05-10 1898.000000 1903.790039 1856.000000 1889.979980  
1889.979980  
## 5534 2019-05-13 1836.560059 1846.540039 1818.000000 1822.680054  
1822.680054  
## 5535 2019-05-14 1839.500000 1852.439941 1815.750000 1840.119995  
1840.119995  
## 5536 2019-05-15 1827.949951 1874.430054 1823.000000 1871.150024  
1871.150024
```

```
## 5537 2019-05-16 1885.939941 1917.510010 1882.290039 1907.569946  
1907.569946  
## 5538 2019-05-17 1893.050049 1910.530029 1867.329956 1869.000000  
1869.000000  
## 5539 2019-05-20 1852.689941 1867.780029 1835.540039 1858.969971  
1858.969971  
## 5540 2019-05-21 1874.790039 1879.000000 1846.000000 1857.520020  
1857.520020  
## 5541 2019-05-22 1851.780029 1871.489990 1851.000000 1859.680054  
1859.680054  
## 5542 2019-05-23 1836.589966 1844.000000 1804.199951 1815.479980  
1815.479980  
## 5543 2019-05-24 1835.890015 1841.760010 1817.849976 1823.280029  
1823.280029  
## 5544 2019-05-28 1832.750000 1849.270020 1827.349976 1836.430054  
1836.430054  
## 5545 2019-05-29 1823.119995 1830.000000 1807.530029 1819.189941  
1819.189941  
## 5546 2019-05-30 1825.489990 1829.469971 1807.829956 1816.319946  
1816.319946  
## 5547 2019-05-31 1790.010010 1795.589966 1772.699951 1775.069946  
1775.069946  
## 5548 2019-06-03 1760.010010 1766.290039 1672.000000 1692.689941  
1692.689941  
## 5549 2019-06-04 1699.239990 1730.819946 1680.890015 1729.560059  
1729.560059  
## 5550 2019-06-05 1749.599976 1752.000000 1715.250000 1738.500000  
1738.500000  
## 5551 2019-06-06 1737.709961 1760.000000 1726.130005 1754.359985  
1754.359985  
## 5552 2019-06-07 1763.699951 1806.250000 1759.489990 1804.030029  
1804.030029  
## 5553 2019-06-10 1822.000000 1884.869995 1818.000000 1860.630005  
1860.630005  
## 5554 2019-06-11 1883.250000 1893.699951 1858.000000 1863.699951  
1863.699951  
## 5555 2019-06-12 1853.979980 1865.000000 1844.380005 1855.319946  
1855.319946  
## 5556 2019-06-13 1866.719971 1883.089966 1862.219971 1870.300049  
1870.300049  
## 5557 2019-06-14 1864.000000 1876.000000 1859.000000 1869.670044  
1869.670044  
## 5558 2019-06-17 1876.500000 1895.689941 1875.449951 1886.030029  
1886.030029  
## 5559 2019-06-18 1901.349976 1921.670044 1899.790039 1901.369995  
1901.369995  
## 5560 2019-06-19 1907.839966 1919.579956 1892.469971 1908.790039  
1908.790039  
## 5561 2019-06-20 1933.329956 1935.199951 1905.800049 1918.189941  
1918.189941
```

```
## 5562 2019-06-21 1916.099976 1925.949951 1907.579956 1911.300049  
1911.300049  
## 5563 2019-06-24 1912.660034 1916.859985 1901.300049 1913.900024  
1913.900024  
## 5564 2019-06-25 1911.839966 1916.390015 1872.420044 1878.270020  
1878.270020  
## 5565 2019-06-26 1892.479980 1903.800049 1887.319946 1897.829956  
1897.829956  
## 5566 2019-06-27 1902.000000 1911.239990 1898.040039 1904.280029  
1904.280029  
## 5567 2019-06-28 1909.099976 1912.939941 1884.000000 1893.630005  
1893.630005  
## 5568 2019-07-01 1922.979980 1929.819946 1914.660034 1922.189941  
1922.189941  
## 5569 2019-07-02 1919.380005 1934.790039 1906.630005 1934.310059  
1934.310059  
## 5570 2019-07-03 1935.890015 1941.589966 1930.500000 1939.000000  
1939.000000  
## 5571 2019-07-05 1928.599976 1945.900024 1925.300049 1942.910034  
1942.910034  
## 5572 2019-07-08 1934.119995 1956.000000 1928.250000 1952.319946  
1952.319946  
## 5573 2019-07-09 1947.800049 1990.010010 1943.479980 1988.300049  
1988.300049  
## 5574 2019-07-10 1996.510010 2024.939941 1995.400024 2017.410034  
2017.410034  
## 5575 2019-07-11 2025.619995 2035.800049 1995.300049 2001.069946  
2001.069946  
## 5576 2019-07-12 2008.270020 2017.000000 2003.869995 2011.000000  
2011.000000  
## 5577 2019-07-15 2021.400024 2022.900024 2001.550049 2020.989990  
2020.989990  
## 5578 2019-07-16 2010.579956 2026.319946 2001.219971 2009.900024  
2009.900024  
## 5579 2019-07-17 2007.050049 2012.000000 1992.030029 1992.030029  
1992.030029  
## 5580 2019-07-18 1980.010010 1987.500000 1951.550049 1977.900024  
1977.900024  
## 5581 2019-07-19 1991.209961 1996.000000 1962.229980 1964.520020  
1964.520020  
## 5582 2019-07-22 1971.140015 1989.000000 1958.260010 1985.630005  
1985.630005  
## 5583 2019-07-23 1995.989990 1997.790039 1973.130005 1994.489990  
1994.489990  
## 5584 2019-07-24 1969.300049 2001.300049 1965.869995 2000.810059  
2000.810059  
## 5585 2019-07-25 2001.000000 2001.199951 1972.719971 1973.819946  
1973.819946  
## 5586 2019-07-26 1942.000000 1950.900024 1924.510010 1943.050049  
1943.050049
```

```
## 5587 2019-07-29 1930.00000 1932.229980 1890.540039 1912.449951  
1912.449951  
## 5588 2019-07-30 1891.119995 1909.890015 1883.479980 1898.530029  
1898.530029  
## 5589 2019-07-31 1898.109985 1899.550049 1849.439941 1866.780029  
1866.780029  
## 5590 2019-08-01 1871.719971 1897.920044 1844.010010 1855.319946  
1855.319946  
## 5591 2019-08-02 1845.069946 1846.359985 1808.020020 1823.239990  
1823.239990  
## 5592 2019-08-05 1770.219971 1788.670044 1748.780029 1765.130005  
1765.130005  
## 5593 2019-08-06 1792.229980 1793.770020 1753.400024 1787.829956  
1787.829956  
## 5594 2019-08-07 1773.989990 1798.930054 1757.000000 1793.400024  
1793.400024  
## 5595 2019-08-08 1806.000000 1834.260010 1798.109985 1832.890015  
1832.890015  
## 5596 2019-08-09 1828.949951 1831.089966 1802.219971 1807.579956  
1807.579956  
## 5597 2019-08-12 1795.989990 1800.979980 1777.000000 1784.920044  
1784.920044  
## 5598 2019-08-13 1783.000000 1831.739990 1780.000000 1824.339966  
1824.339966  
## 5599 2019-08-14 1793.010010 1795.650024 1757.219971 1762.959961  
1762.959961  
## 5600 2019-08-15 1781.989990 1788.000000 1761.959961 1776.119995  
1776.119995  
## 5601 2019-08-16 1792.890015 1802.910034 1784.550049 1792.569946  
1792.569946  
## 5602 2019-08-19 1818.079956 1826.000000 1812.609985 1816.119995  
1816.119995  
## 5603 2019-08-20 1814.500000 1816.819946 1799.880005 1801.380005  
1801.380005  
## 5604 2019-08-21 1819.390015 1829.579956 1815.000000 1823.540039  
1823.540039  
## 5605 2019-08-22 1828.000000 1829.410034 1800.099976 1804.660034  
1804.660034  
## 5606 2019-08-23 1793.030029 1804.900024 1745.229980 1749.619995  
1749.619995  
## 5607 2019-08-26 1766.910034 1770.000000 1743.510010 1768.869995  
1768.869995  
## 5608 2019-08-27 1775.729980 1779.400024 1746.680054 1761.829956  
1761.829956  
## 5609 2019-08-28 1755.000000 1767.859985 1744.050049 1764.250000  
1764.250000  
## 5610 2019-08-29 1783.000000 1798.550049 1777.250000 1786.400024  
1786.400024  
## 5611 2019-08-30 1797.489990 1799.739990 1764.569946 1776.290039  
1776.290039
```

```
## 5612 2019-09-03 1770.00000 1800.800049 1768.000000 1789.839966
1789.839966
## 5613 2019-09-04 1805.00000 1807.630005 1796.229980 1800.619995
1800.619995
## 5614 2019-09-05 1821.949951 1842.000000 1815.579956 1840.719971
1840.719971
## 5615 2019-09-06 1838.219971 1840.650024 1826.400024 1833.510010
1833.510010
## 5616 2019-09-09 1841.000000 1850.000000 1824.609985 1831.349976
1831.349976
## 5617 2019-09-10 1822.750000 1825.810059 1805.339966 1820.550049
1820.550049
## 5618 2019-09-11 1812.140015 1833.420044 1809.079956 1822.989990
1822.989990
## 5619 2019-09-12 1837.630005 1853.660034 1834.280029 1843.550049
1843.550049
## 5620 2019-09-13 1842.010010 1846.119995 1835.170044 1839.339966
1839.339966
## 5621 2019-09-16 1824.020020 1825.689941 1800.199951 1807.839966
1807.839966
## 5622 2019-09-17 1807.079956 1823.989990 1804.099976 1822.550049
1822.550049
## 5623 2019-09-18 1817.040039 1822.060059 1795.500000 1817.459961
1817.459961
## 5624 2019-09-19 1821.020020 1832.569946 1817.900024 1821.500000
1821.500000
## 5625 2019-09-20 1821.709961 1830.630005 1780.920044 1794.160034
1794.160034
## 5626 2019-09-23 1777.000000 1792.699951 1767.319946 1785.300049
1785.300049
## 5627 2019-09-24 1790.609985 1795.709961 1735.550049 1741.609985
1741.609985
## 5628 2019-09-25 1747.359985 1773.000000 1723.000000 1768.329956
1768.329956
## 5629 2019-09-26 1762.790039 1763.369995 1731.500000 1739.839966
1739.839966
## 5630 2019-09-27 1748.000000 1749.119995 1713.819946 1725.449951
1725.449951
## 5631 2019-09-30 1726.989990 1737.459961 1709.219971 1735.910034
1735.910034
## 5632 2019-10-01 1746.000000 1755.599976 1728.410034 1735.650024
1735.650024
## 5633 2019-10-02 1727.739990 1728.890015 1705.000000 1713.229980
1713.229980
## 5634 2019-10-03 1713.000000 1725.000000 1685.060059 1724.420044
1724.420044
## 5635 2019-10-04 1726.020020 1740.579956 1719.229980 1739.650024
1739.650024
## 5636 2019-10-07 1731.630005 1747.829956 1723.699951 1732.660034
1732.660034
```

```
## 5637 2019-10-08 1722.489990 1727.000000 1705.000000 1705.510010  
1705.510010  
## 5638 2019-10-09 1719.609985 1729.949951 1714.359985 1721.989990  
1721.989990  
## 5639 2019-10-10 1725.239990 1738.290039 1713.750000 1720.260010  
1720.260010  
## 5640 2019-10-11 1742.920044 1745.449951 1729.859985 1731.920044  
1731.920044  
## 5641 2019-10-14 1728.910034 1741.890015 1722.000000 1736.430054  
1736.430054  
## 5642 2019-10-15 1742.140015 1776.449951 1740.619995 1767.380005  
1767.380005  
## 5643 2019-10-16 1773.329956 1786.239990 1770.520020 1777.430054  
1777.430054  
## 5644 2019-10-17 1796.489990 1798.849976 1782.020020 1787.479980  
1787.479980  
## 5645 2019-10-18 1787.800049 1793.979980 1749.199951 1757.510010  
1757.510010  
## 5646 2019-10-21 1769.660034 1785.880005 1765.000000 1785.660034  
1785.660034  
## 5647 2019-10-22 1788.150024 1789.780029 1762.000000 1765.729980  
1765.729980  
## 5648 2019-10-23 1761.300049 1770.050049 1742.000000 1762.170044  
1762.170044  
## 5649 2019-10-24 1771.089966 1788.339966 1760.270020 1780.780029  
1780.780029  
## 5650 2019-10-25 1697.550049 1764.209961 1695.000000 1761.329956  
1761.329956  
## 5651 2019-10-28 1748.060059 1778.699951 1742.500000 1777.079956  
1777.079956  
## 5652 2019-10-29 1774.810059 1777.000000 1755.810059 1762.709961  
1762.709961  
## 5653 2019-10-30 1760.239990 1782.380005 1759.119995 1779.989990  
1779.989990  
## 5654 2019-10-31 1775.989990 1792.000000 1771.479980 1776.660034  
1776.660034  
## 5655 2019-11-01 1788.010010 1797.449951 1785.209961 1791.439941  
1791.439941  
## 5656 2019-11-04 1801.010010 1815.060059 1801.010010 1804.660034  
1804.660034  
## 5657 2019-11-05 1809.160034 1810.250000 1794.000000 1801.709961  
1801.709961  
## 5658 2019-11-06 1801.000000 1802.500000 1788.579956 1795.770020  
1795.770020  
## 5659 2019-11-07 1803.760010 1805.900024 1783.479980 1788.199951  
1788.199951  
## 5660 2019-11-08 1787.890015 1789.880005 1774.040039 1785.880005  
1785.880005  
## 5661 2019-11-11 1778.000000 1780.000000 1767.130005 1771.650024  
1771.650024
```

```
## 5662 2019-11-12 1774.660034 1786.219971 1771.910034 1778.000000  
1778.000000  
## 5663 2019-11-13 1773.390015 1775.000000 1747.319946 1753.109985  
1753.109985  
## 5664 2019-11-14 1751.430054 1766.589966 1749.560059 1754.599976  
1754.599976  
## 5665 2019-11-15 1760.050049 1761.680054 1732.859985 1739.489990  
1739.489990  
## 5666 2019-11-18 1738.300049 1753.699951 1722.709961 1752.530029  
1752.530029  
## 5667 2019-11-19 1756.989990 1760.680054 1743.030029 1752.790039  
1752.790039  
## 5668 2019-11-20 1749.140015 1762.520020 1734.119995 1745.530029  
1745.530029  
## 5669 2019-11-21 1743.000000 1746.869995 1730.359985 1734.709961  
1734.709961  
## 5670 2019-11-22 1739.020020 1746.430054 1731.000000 1745.719971  
1745.719971  
## 5671 2019-11-25 1753.250000 1777.420044 1753.239990 1773.839966  
1773.839966  
## 5672 2019-11-26 1779.920044 1797.030029 1778.349976 1796.939941  
1796.939941  
## 5673 2019-11-27 1801.000000 1824.500000 1797.310059 1818.510010  
1818.510010  
## 5674 2019-11-29 1817.780029 1824.689941 1800.790039 1800.800049  
1800.800049  
## 5675 2019-12-02 1804.400024 1805.550049 1762.680054 1781.599976  
1781.599976  
## 5676 2019-12-03 1760.000000 1772.869995 1747.229980 1769.959961  
1769.959961  
## 5677 2019-12-04 1774.010010 1789.089966 1760.219971 1760.689941  
1760.689941  
## 5678 2019-12-05 1763.500000 1763.500000 1740.000000 1740.479980  
1740.479980  
## 5679 2019-12-06 1751.199951 1754.400024 1740.130005 1751.599976  
1751.599976  
## 5680 2019-12-09 1750.660034 1766.890015 1745.609985 1749.510010  
1749.510010  
## 5681 2019-12-10 1747.400024 1750.670044 1735.000000 1739.209961  
1739.209961  
## 5682 2019-12-11 1741.670044 1750.000000 1735.709961 1748.719971  
1748.719971  
## 5683 2019-12-12 1750.000000 1764.000000 1745.439941 1760.329956  
1760.329956  
## 5684 2019-12-13 1765.000000 1768.989990 1755.000000 1760.939941  
1760.939941  
## 5685 2019-12-16 1767.000000 1769.500000 1757.050049 1769.209961  
1769.209961  
## 5686 2019-12-17 1778.010010 1792.000000 1777.390015 1790.660034  
1790.660034
```

```
## 5687 2019-12-18 1795.020020 1798.199951 1782.359985 1784.030029  
1784.030029  
## 5688 2019-12-19 1780.500000 1792.989990 1774.060059 1792.280029  
1792.280029  
## 5689 2019-12-20 1799.619995 1802.969971 1782.449951 1786.500000  
1786.500000  
## 5690 2019-12-23 1788.260010 1793.000000 1784.510010 1793.000000  
1793.000000  
## 5691 2019-12-24 1793.810059 1795.569946 1787.579956 1789.209961  
1789.209961  
## 5692 2019-12-26 1801.010010 1870.459961 1799.500000 1868.770020  
1868.770020  
## 5693 2019-12-27 1882.920044 1901.400024 1866.010010 1869.800049  
1869.800049  
## 5694 2019-12-30 1874.000000 1884.000000 1840.619995 1846.890015  
1846.890015  
## 5695 2019-12-31 1842.000000 1853.260010 1832.229980 1847.839966  
1847.839966  
## 5696 2020-01-02 1875.000000 1898.010010 1864.150024 1898.010010  
1898.010010  
## 5697 2020-01-03 1864.500000 1886.199951 1864.500000 1874.969971  
1874.969971  
## 5698 2020-01-06 1860.000000 1903.689941 1860.000000 1902.880005  
1902.880005  
## 5699 2020-01-07 1904.500000 1913.890015 1892.040039 1906.859985  
1906.859985  
## 5700 2020-01-08 1898.040039 1911.000000 1886.439941 1891.969971  
1891.969971  
## 5701 2020-01-09 1909.890015 1917.819946 1895.800049 1901.050049  
1901.050049  
## 5702 2020-01-10 1905.369995 1906.939941 1880.000000 1883.160034  
1883.160034  
## 5703 2020-01-13 1891.310059 1898.000000 1880.800049 1891.300049  
1891.300049  
## 5704 2020-01-14 1885.880005 1887.109985 1858.550049 1869.439941  
1869.439941  
## 5705 2020-01-15 1872.250000 1878.859985 1855.089966 1862.020020  
1862.020020  
## 5706 2020-01-16 1882.989990 1885.589966 1866.020020 1877.939941  
1877.939941  
## 5707 2020-01-17 1885.890015 1886.640015 1857.250000 1864.719971  
1864.719971  
## 5708 2020-01-21 1865.000000 1894.270020 1860.000000 1892.000000  
1892.000000  
## 5709 2020-01-22 1896.089966 1902.500000 1883.339966 1887.459961  
1887.459961  
## 5710 2020-01-23 1885.109985 1889.979980 1872.760010 1884.579956  
1884.579956  
## 5711 2020-01-24 1891.369995 1894.989990 1847.439941 1861.640015  
1861.640015
```

```
## 5712 2020-01-27 1820.00000 1841.00000 1815.339966 1828.339966  
1828.339966  
## 5713 2020-01-28 1840.50000 1858.109985 1830.020020 1853.250000  
1853.250000  
## 5714 2020-01-29 1864.00000 1874.750000 1855.020020 1858.000000  
1858.000000  
## 5715 2020-01-30 1858.00000 1872.869995 1850.609985 1870.680054  
1870.680054  
## 5716 2020-01-31 2051.469971 2055.719971 2002.270020 2008.719971  
2008.719971  
## 5717 2020-02-03 2010.599976 2048.500000 2000.250000 2004.199951  
2004.199951  
## 5718 2020-02-04 2029.880005 2059.800049 2015.369995 2049.669922  
2049.669922  
## 5719 2020-02-05 2071.020020 2071.020020 2032.000000 2039.869995  
2039.869995  
## 5720 2020-02-06 2041.020020 2056.300049 2024.800049 2050.229980  
2050.229980  
## 5721 2020-02-07 2041.989990 2098.530029 2038.099976 2079.280029  
2079.280029  
## 5722 2020-02-10 2085.010010 2135.600098 2084.959961 2133.909912  
2133.909912  
## 5723 2020-02-11 2150.899902 2185.949951 2136.000000 2150.800049  
2150.800049  
## 5724 2020-02-12 2163.199951 2180.250000 2155.290039 2160.000000  
2160.000000  
## 5725 2020-02-13 2144.989990 2170.280029 2142.000000 2149.870117  
2149.870117  
## 5726 2020-02-14 2155.679932 2159.040039 2125.889893 2134.870117  
2134.870117  
## 5727 2020-02-18 2125.020020 2166.070068 2124.110107 2155.669922  
2155.669922  
## 5728 2020-02-19 2167.800049 2185.100098 2161.120117 2170.219971  
2170.219971  
## 5729 2020-02-20 2173.070068 2176.790039 2127.449951 2153.100098  
2153.100098  
## 5730 2020-02-21 2142.149902 2144.550049 2088.000000 2095.969971  
2095.969971  
## 5731 2020-02-24 2003.180054 2039.300049 1987.969971 2009.290039  
2009.290039  
## 5732 2020-02-25 2026.420044 2034.599976 1958.420044 1972.739990  
1972.739990  
## 5733 2020-02-26 1970.280029 2014.670044 1960.449951 1979.589966  
1979.589966  
## 5734 2020-02-27 1934.380005 1975.000000 1882.760010 1884.300049  
1884.300049  
## 5735 2020-02-28 1814.630005 1889.760010 1811.130005 1883.750000  
1883.750000  
## 5736 2020-03-02 1906.489990 1954.510010 1870.000000 1953.949951  
1953.949951
```

```
## 5737 2020-03-03 1975.369995 1996.329956 1888.089966 1908.989990  
1908.989990  
## 5738 2020-03-04 1946.569946 1978.000000 1922.000000 1975.829956  
1975.829956  
## 5739 2020-03-05 1933.000000 1960.719971 1910.000000 1924.030029  
1924.030029  
## 5740 2020-03-06 1875.000000 1910.869995 1869.500000 1901.089966  
1901.089966  
## 5741 2020-03-09 1773.859985 1862.770020 1761.290039 1800.609985  
1800.609985  
## 5742 2020-03-10 1870.880005 1894.270020 1818.170044 1891.819946  
1891.819946  
## 5743 2020-03-11 1857.849976 1871.319946 1801.500000 1820.859985  
1820.859985  
## 5744 2020-03-12 1721.979980 1765.000000 1675.000000 1676.609985  
1676.609985  
## 5745 2020-03-13 1755.000000 1786.310059 1680.619995 1785.000000  
1785.000000  
## 5746 2020-03-16 1641.510010 1759.449951 1626.030029 1689.150024  
1689.150024  
## 5747 2020-03-17 1775.469971 1857.780029 1689.239990 1807.839966  
1807.839966  
## 5748 2020-03-18 1750.000000 1841.660034 1745.000000 1830.000000  
1830.000000  
## 5749 2020-03-19 1860.000000 1945.000000 1832.650024 1880.930054  
1880.930054  
## 5750 2020-03-20 1926.310059 1957.000000 1820.729980 1846.089966  
1846.089966  
## 5751 2020-03-23 1827.750000 1919.400024 1812.000000 1902.829956  
1902.829956  
## 5752 2020-03-24 1951.500000 1955.000000 1900.339966 1940.099976  
1940.099976  
## 5753 2020-03-25 1920.689941 1950.260010 1885.780029 1885.839966  
1885.839966  
## 5754 2020-03-26 1902.000000 1956.489990 1889.290039 1955.489990  
1955.489990  
## 5755 2020-03-27 1930.859985 1939.790039 1899.920044 1900.099976  
1900.099976  
## 5756 2020-03-30 1922.829956 1973.630005 1912.339966 1963.949951  
1963.949951  
## 5757 2020-03-31 1964.349976 1993.020020 1944.010010 1949.719971  
1949.719971  
## 5758 2020-04-01 1932.969971 1944.959961 1893.000000 1907.699951  
1907.699951  
## 5759 2020-04-02 1901.640015 1927.530029 1890.000000 1918.829956  
1918.829956  
## 5760 2020-04-03 1911.150024 1926.329956 1889.150024 1906.589966  
1906.589966  
## 5761 2020-04-06 1936.000000 1998.520020 1930.020020 1997.589966  
1997.589966
```

```
## 5762 2020-04-07 2017.109985 2035.719971 1997.619995 2011.599976  
2011.599976  
## 5763 2020-04-08 2021.000000 2044.000000 2011.150024 2043.000000  
2043.000000  
## 5764 2020-04-09 2044.300049 2053.000000 2017.660034 2042.760010  
2042.760010  
## 5765 2020-04-13 2040.000000 2180.000000 2038.000000 2168.870117  
2168.870117  
## 5766 2020-04-14 2200.469971 2292.000000 2186.209961 2283.320068  
2283.320068  
## 5767 2020-04-15 2257.679932 2333.370117 2245.000000 2307.679932  
2307.679932  
## 5768 2020-04-16 2346.000000 2461.000000 2335.000000 2408.189941  
2408.189941  
## 5769 2020-04-17 2372.330078 2400.000000 2316.020020 2375.000000  
2375.000000  
## 5770 2020-04-20 2389.949951 2444.979980 2386.050049 2393.610107  
2393.610107  
## 5771 2020-04-21 2416.610107 2428.310059 2279.659912 2328.120117  
2328.120117  
## 5772 2020-04-22 2369.000000 2394.000000 2351.000000 2363.489990  
2363.489990  
## 5773 2020-04-23 2399.979980 2424.219971 2382.080078 2399.449951  
2399.449951  
## 5774 2020-04-24 2417.000000 2420.429932 2382.000000 2410.219971  
2410.219971  
## 5775 2020-04-27 2443.199951 2444.879883 2363.000000 2376.000000  
2376.000000  
## 5776 2020-04-28 2372.100098 2373.500000 2306.000000 2314.080078  
2314.080078  
## 5777 2020-04-29 2330.010010 2391.889893 2310.000000 2372.709961  
2372.709961  
## 5778 2020-04-30 2419.840088 2475.000000 2396.010010 2474.000000  
2474.000000  
## 5779 2020-05-01 2336.800049 2362.439941 2258.189941 2286.040039  
2286.040039  
## 5780 2020-05-04 2256.379883 2326.979980 2256.379883 2315.989990  
2315.989990  
## 5781 2020-05-05 2340.000000 2351.000000 2307.129883 2317.800049  
2317.800049  
## 5782 2020-05-06 2329.439941 2357.449951 2320.000000 2351.260010  
2351.260010  
## 5783 2020-05-07 2374.780029 2376.000000 2343.110107 2367.610107  
2367.610107  
## 5784 2020-05-08 2372.139893 2387.239990 2357.000000 2379.610107  
2379.610107  
## 5785 2020-05-11 2374.699951 2419.669922 2372.110107 2409.000000  
2409.000000  
## 5786 2020-05-12 2411.850098 2419.000000 2355.000000 2356.949951  
2356.949951
```

```
## 5787 2020-05-13 2366.800049 2407.699951 2337.800049 2367.919922  
2367.919922  
## 5788 2020-05-14 2361.010010 2391.370117 2353.209961 2388.850098  
2388.850098  
## 5789 2020-05-15 2368.520020 2411.000000 2356.370117 2409.780029  
2409.780029  
## 5790 2020-05-18 2404.350098 2433.000000 2384.010010 2426.260010  
2426.260010  
## 5791 2020-05-19 2429.830078 2485.000000 2428.969971 2449.330078  
2449.330078  
## 5792 2020-05-20 2477.870117 2500.010010 2467.270020 2497.939941  
2497.939941  
## 5793 2020-05-21 2500.000000 2525.449951 2442.540039 2446.739990  
2446.739990  
## 5794 2020-05-22 2455.010010 2469.850098 2430.129883 2436.879883  
2436.879883  
## 5795 2020-05-26 2458.000000 2462.000000 2414.060059 2421.860107  
2421.860107  
## 5796 2020-05-27 2404.989990 2413.580078 2330.000000 2410.389893  
2410.389893  
## 5797 2020-05-28 2384.330078 2436.969971 2378.229980 2401.100098  
2401.100098  
## 5798 2020-05-29 2415.939941 2442.370117 2398.199951 2442.370117  
2442.370117  
## 5799 2020-06-01 2448.000000 2476.929932 2444.169922 2471.040039  
2471.040039  
## 5800 2020-06-02 2467.000000 2473.530029 2445.310059 2472.409912  
2472.409912  
## 5801 2020-06-03 2468.010010 2488.000000 2461.169922 2478.399902  
2478.399902  
## 5802 2020-06-04 2477.429932 2507.540039 2450.010010 2460.600098  
2460.600098  
## 5803 2020-06-05 2444.510010 2488.649902 2437.129883 2483.000000  
2483.000000  
## 5804 2020-06-08 2500.199951 2530.000000 2487.340088 2524.060059  
2524.060059  
## 5805 2020-06-09 2529.439941 2626.429932 2525.000000 2600.860107  
2600.860107  
## 5806 2020-06-10 2645.000000 2722.350098 2626.260010 2647.449951  
2647.449951  
## 5807 2020-06-11 2603.500000 2671.379883 2536.229980 2557.959961  
2557.959961  
## 5808 2020-06-12 2601.209961 2621.479980 2503.350098 2545.020020  
2545.020020  
## 5809 2020-06-15 2526.600098 2584.000000 2508.000000 2572.679932  
2572.679932  
## 5810 2020-06-16 2620.000000 2620.000000 2576.000000 2615.270020  
2615.270020  
## 5811 2020-06-17 2647.500000 2655.000000 2631.820068 2640.979980  
2640.979980
```

```
## 5812 2020-06-18 2647.010010 2659.639893 2636.110107 2653.979980  
2653.979980  
## 5813 2020-06-19 2678.080078 2697.429932 2659.000000 2675.010010  
2675.010010  
## 5814 2020-06-22 2684.500000 2715.000000 2669.000000 2713.820068  
2713.820068  
## 5815 2020-06-23 2726.020020 2783.110107 2718.040039 2764.409912  
2764.409912  
## 5816 2020-06-24 2780.000000 2796.000000 2721.000000 2734.399902  
2734.399902  
## 5817 2020-06-25 2739.550049 2756.229980 2712.139893 2754.580078  
2754.580078  
## 5818 2020-06-26 2775.060059 2782.570068 2688.000000 2692.870117  
2692.870117  
## 5819 2020-06-29 2690.010010 2696.800049 2630.080078 2680.379883  
2680.379883  
## 5820 2020-06-30 2685.070068 2769.629883 2675.030029 2758.820068  
2758.820068  
## 5821 2020-07-01 2757.989990 2895.000000 2754.000000 2878.699951  
2878.699951  
## 5822 2020-07-02 2912.010010 2955.560059 2871.100098 2890.300049  
2890.300049  
## 5823 2020-07-06 2934.969971 3059.879883 2930.000000 3057.040039  
3057.040039  
## 5824 2020-07-07 3058.550049 3069.550049 2990.000000 3000.120117  
3000.120117  
## 5825 2020-07-08 3022.610107 3083.969971 3012.429932 3081.110107  
3081.110107  
## 5826 2020-07-09 3115.989990 3193.879883 3074.000000 3182.629883  
3182.629883  
## 5827 2020-07-10 3191.760010 3215.000000 3135.699951 3200.000000  
3200.000000  
## 5828 2020-07-13 3251.060059 3344.290039 3068.389893 3104.000000  
3104.000000  
## 5829 2020-07-14 3089.000000 3127.379883 2950.000000 3084.000000  
3084.000000  
## 5830 2020-07-15 3080.229980 3098.350098 2973.179932 3008.870117  
3008.870117  
## 5831 2020-07-16 2971.060059 3032.000000 2918.229980 2999.899902  
2999.899902  
## 5832 2020-07-17 3009.000000 3024.000000 2948.449951 2961.969971  
2961.969971  
## 5833 2020-07-20 3000.199951 3201.360107 2994.020020 3196.840088  
3196.840088  
## 5834 2020-07-21 3232.489990 3240.580078 3105.719971 3138.290039  
3138.290039  
## 5835 2020-07-22 3125.000000 3150.000000 3065.260010 3099.909912  
3099.909912  
## 5836 2020-07-23 3098.270020 3098.270020 2970.000000 2986.550049  
2986.550049
```

```
## 5837 2020-07-24 2930.00000 3031.580078 2888.000000 3008.909912  
3008.909912  
## 5838 2020-07-27 3062.000000 3098.000000 3015.770020 3055.209961  
3055.209961  
## 5839 2020-07-28 3054.270020 3077.090088 2995.760010 3000.330078  
3000.330078  
## 5840 2020-07-29 3030.989990 3039.159912 2996.770020 3033.530029  
3033.530029  
## 5841 2020-07-30 3014.000000 3092.000000 3005.000000 3051.879883  
3051.879883  
## 5842 2020-07-31 3244.000000 3246.820068 3151.000000 3164.679932  
3164.679932  
## 5843 2020-08-03 3180.510010 3184.000000 3104.000000 3111.889893  
3111.889893  
## 5844 2020-08-04 3101.209961 3167.239990 3101.209961 3138.830078  
3138.830078  
## 5845 2020-08-05 3143.770020 3213.590088 3127.300049 3205.030029  
3205.030029  
## 5846 2020-08-06 3194.360107 3247.469971 3165.429932 3225.000000  
3225.000000  
## 5847 2020-08-07 3224.010010 3240.810059 3140.669922 3167.459961  
3167.459961  
## 5848 2020-08-10 3170.310059 3172.510010 3101.520020 3148.159912  
3148.159912  
## 5849 2020-08-11 3113.199951 3159.219971 3073.000000 3080.669922  
3080.669922  
## 5850 2020-08-12 3108.000000 3174.389893 3101.419922 3162.239990  
3162.239990  
## 5851 2020-08-13 3182.989990 3217.520020 3155.000000 3161.020020  
3161.020020  
## 5852 2020-08-14 3178.179932 3178.239990 3120.000000 3148.020020  
3148.020020  
## 5853 2020-08-17 3173.120117 3194.969971 3154.179932 3182.409912  
3182.409912  
## 5854 2020-08-18 3212.000000 3320.000000 3205.820068 3312.489990  
3312.489990  
## 5855 2020-08-19 3303.010010 3315.899902 3256.000000 3260.479980  
3260.479980  
## 5856 2020-08-20 3252.000000 3312.620117 3238.000000 3297.370117  
3297.370117  
## 5857 2020-08-21 3295.000000 3314.399902 3275.389893 3284.719971  
3284.719971  
## 5858 2020-08-24 3310.149902 3380.320068 3257.560059 3307.459961  
3307.459961  
## 5859 2020-08-25 3294.989990 3357.399902 3267.000000 3346.489990  
3346.489990  
## 5860 2020-08-26 3351.110107 3451.739990 3344.570068 3441.850098  
3441.850098  
## 5861 2020-08-27 3450.050049 3453.000000 3378.000000 3400.000000  
3400.000000
```

```
## 5862 2020-08-28 3423.00000 3433.370117 3386.500000 3401.800049  
3401.800049  
## 5863 2020-08-31 3408.989990 3495.000000 3405.000000 3450.959961  
3450.959961  
## 5864 2020-09-01 3489.580078 3513.870117 3467.000000 3499.120117  
3499.120117  
## 5865 2020-09-02 3547.000000 3552.250000 3486.689941 3531.449951  
3531.449951  
## 5866 2020-09-03 3485.000000 3488.409912 3303.000000 3368.000000  
3368.000000  
## 5867 2020-09-04 3318.000000 3381.500000 3111.129883 3294.620117  
3294.620117  
## 5868 2020-09-08 3144.000000 3250.850098 3130.000000 3149.840088  
3149.840088  
## 5869 2020-09-09 3202.989990 3303.179932 3185.000000 3268.610107  
3268.610107  
## 5870 2020-09-10 3307.219971 3349.889893 3170.550049 3175.110107  
3175.110107  
## 5871 2020-09-11 3208.689941 3217.340088 3083.979980 3116.219971  
3116.219971  
## 5872 2020-09-14 3172.939941 3187.389893 3096.000000 3102.969971  
3102.969971  
## 5873 2020-09-15 3136.159912 3175.020020 3108.919922 3156.129883  
3156.129883  
## 5874 2020-09-16 3179.989990 3187.239990 3074.149902 3078.100098  
3078.100098  
## 5875 2020-09-17 3009.250000 3029.429932 2972.550049 3008.729980  
3008.729980  
## 5876 2020-09-18 3031.739990 3037.800049 2905.540039 2954.909912  
2954.909912  
## 5877 2020-09-21 2906.500000 2962.000000 2871.000000 2960.469971  
2960.469971  
## 5878 2020-09-22 3033.840088 3133.989990 3000.199951 3128.989990  
3128.989990  
## 5879 2020-09-23 3120.429932 3127.000000 2992.379883 2999.860107  
2999.860107  
## 5880 2020-09-24 2977.790039 3069.300049 2965.000000 3019.790039  
3019.790039  
## 5881 2020-09-25 3054.860107 3101.540039 2999.000000 3095.129883  
3095.129883  
## 5882 2020-09-28 3148.850098 3175.040039 3117.169922 3174.050049  
3174.050049  
## 5883 2020-09-29 3175.389893 3188.260010 3132.540039 3144.879883  
3144.879883  
## 5884 2020-09-30 3141.139893 3212.879883 3133.989990 3148.729980  
3148.729980  
## 5885 2020-10-01 3208.000000 3224.000000 3172.000000 3221.260010  
3221.260010  
## 5886 2020-10-02 3153.629883 3195.800049 3123.000000 3125.000000  
3125.000000
```

```
## 5887 2020-10-05 3145.840088 3202.530029 3140.850098 3199.199951  
3199.199951  
## 5888 2020-10-06 3165.000000 3182.000000 3090.000000 3099.959961  
3099.959961  
## 5889 2020-10-07 3135.000000 3200.000000 3132.389893 3195.689941  
3195.689941  
## 5890 2020-10-08 3224.989990 3233.290039 3174.989990 3190.550049  
3190.550049  
## 5891 2020-10-09 3210.000000 3288.989990 3197.830078 3286.649902  
3286.649902  
## 5892 2020-10-12 3349.939941 3496.239990 3339.550049 3442.929932  
3442.929932  
## 5893 2020-10-13 3467.989990 3492.379883 3424.219971 3443.629883  
3443.629883  
## 5894 2020-10-14 3447.000000 3464.879883 3340.000000 3363.709961  
3363.709961  
## 5895 2020-10-15 3292.010010 3355.879883 3280.000000 3338.649902  
3338.649902  
## 5896 2020-10-16 3363.229980 3399.659912 3160.000000 3272.709961  
3272.709961  
## 5897 2020-10-19 3299.610107 3329.000000 3192.739990 3207.209961  
3207.209961  
## 5898 2020-10-20 3222.280029 3266.000000 3192.010010 3217.010010  
3217.010010  
## 5899 2020-10-21 3212.500000 3233.879883 3160.000000 3184.939941  
3184.939941  
## 5900 2020-10-22 3189.870117 3198.750000 3121.939941 3176.399902  
3176.399902  
## 5901 2020-10-23 3191.000000 3205.330078 3140.000000 3204.399902  
3204.399902  
## 5902 2020-10-26 3198.739990 3282.979980 3153.300049 3207.040039  
3207.040039  
## 5903 2020-10-27 3224.939941 3291.659912 3211.300049 3286.330078  
3286.330078  
## 5904 2020-10-28 3249.300049 3264.020020 3162.469971 3162.780029  
3162.780029  
## 5905 2020-10-29 3201.270020 3257.250000 3164.000000 3211.010010  
3211.010010  
## 5906 2020-10-30 3157.750000 3167.000000 3019.000000 3036.149902  
3036.149902  
## 5907 2020-11-02 3061.739990 3079.709961 2950.120117 3004.479980  
3004.479980  
## 5908 2020-11-03 3018.530029 3074.899902 2980.979980 3048.409912  
3048.409912  
## 5909 2020-11-04 3159.989990 3244.850098 3139.729980 3241.159912  
3241.159912  
## 5910 2020-11-05 3319.969971 3366.800049 3288.879883 3322.000000  
3322.000000  
## 5911 2020-11-06 3304.639893 3322.000000 3232.000000 3311.370117  
3311.370117
```

```
## 5912 2020-11-09 3231.030029 3289.000000 3112.110107 3143.739990  
3143.739990  
## 5913 2020-11-10 3095.020020 3114.000000 3019.479980 3035.020020  
3035.020020  
## 5914 2020-11-11 3061.780029 3139.149902 3050.000000 3137.389893  
3137.389893  
## 5915 2020-11-12 3159.949951 3175.879883 3086.050049 3110.280029  
3110.280029  
## 5916 2020-11-13 3122.000000 3141.719971 3085.389893 3128.810059  
3128.810059  
## 5917 2020-11-16 3093.199951 3142.699951 3072.689941 3131.060059  
3131.060059  
## 5918 2020-11-17 3183.540039 3189.250000 3135.260010 3135.659912  
3135.659912  
## 5919 2020-11-18 3134.000000 3140.000000 3105.100098 3105.459961  
3105.459961  
## 5920 2020-11-19 3105.310059 3125.000000 3080.919922 3117.020020  
3117.020020  
## 5921 2020-11-20 3117.020020 3132.889893 3098.050049 3099.399902  
3099.399902  
## 5922 2020-11-23 3116.699951 3139.750000 3065.459961 3098.389893  
3098.389893  
## 5923 2020-11-24 3100.500000 3134.250000 3086.260010 3118.060059  
3118.060059  
## 5924 2020-11-25 3141.870117 3198.000000 3140.260010 3185.070068  
3185.070068  
## 5925 2020-11-27 3211.260010 3216.189941 3190.050049 3195.340088  
3195.340088  
## 5926 2020-11-30 3208.479980 3228.389893 3125.550049 3168.040039  
3168.040039  
## 5927 2020-12-01 3188.500000 3248.949951 3157.179932 3220.080078  
3220.080078  
## 5928 2020-12-02 3221.649902 3232.000000 3173.260010 3203.530029  
3203.530029  
## 5929 2020-12-03 3205.459961 3228.639893 3181.310059 3186.729980  
3186.729980  
## 5930 2020-12-04 3198.209961 3198.209961 3158.760010 3162.580078  
3162.580078  
## 5931 2020-12-07 3156.479980 3180.760010 3141.689941 3158.000000  
3158.000000  
## 5932 2020-12-08 3158.899902 3184.129883 3120.020020 3177.290039  
3177.290039  
## 5933 2020-12-09 3167.889893 3174.429932 3088.000000 3104.199951  
3104.199951  
## 5934 2020-12-10 3088.989990 3142.100098 3076.000000 3101.489990  
3101.489990  
## 5935 2020-12-11 3096.659912 3118.669922 3072.820068 3116.419922  
3116.419922  
## 5936 2020-12-14 3143.000000 3190.469971 3126.000000 3156.969971  
3156.969971
```

```
## 5937 2020-12-15 3181.010010 3188.500000 3130.489990 3165.120117  
3165.120117  
## 5938 2020-12-16 3176.010010 3247.000000 3163.679932 3240.959961  
3240.959961  
## 5939 2020-12-17 3250.000000 3263.510010 3221.000000 3236.080078  
3236.080078  
## 5940 2020-12-18 3243.989990 3249.419922 3171.600098 3201.649902  
3201.649902  
## 5941 2020-12-21 3200.010010 3226.969971 3166.000000 3206.179932  
3206.179932  
## 5942 2020-12-22 3202.840088 3222.000000 3180.080078 3206.520020  
3206.520020  
## 5943 2020-12-23 3205.000000 3210.129883 3184.169922 3185.270020  
3185.270020  
## 5944 2020-12-24 3193.899902 3202.000000 3169.000000 3172.689941  
3172.689941  
## 5945 2020-12-28 3194.000000 3304.000000 3172.689941 3283.959961  
3283.959961  
## 5946 2020-12-29 3309.939941 3350.649902 3281.219971 3322.000000  
3322.000000  
## 5947 2020-12-30 3341.000000 3342.100098 3282.469971 3285.850098  
3285.850098  
## 5948 2020-12-31 3275.000000 3282.919922 3241.199951 3256.929932  
3256.929932  
## 5949 2021-01-04 3270.000000 3272.000000 3144.020020 3186.629883  
3186.629883  
## 5950 2021-01-05 3166.010010 3223.379883 3165.060059 3218.510010  
3218.510010  
## 5951 2021-01-06 3146.479980 3197.510010 3131.159912 3138.379883  
3138.379883  
## 5952 2021-01-07 3157.000000 3208.540039 3155.000000 3162.159912  
3162.159912  
## 5953 2021-01-08 3180.000000 3190.639893 3142.199951 3182.699951  
3182.699951  
## 5954 2021-01-11 3148.010010 3156.379883 3110.000000 3114.209961  
3114.209961  
## 5955 2021-01-12 3120.000000 3142.139893 3086.000000 3120.830078  
3120.830078  
## 5956 2021-01-13 3128.439941 3189.949951 3122.080078 3165.889893  
3165.889893  
## 5957 2021-01-14 3167.520020 3178.000000 3120.590088 3127.469971  
3127.469971  
## 5958 2021-01-15 3123.020020 3142.550049 3095.169922 3104.250000  
3104.250000  
## 5959 2021-01-19 3107.000000 3145.000000 3096.000000 3120.760010  
3120.760010  
## 5960 2021-01-20 3181.989990 3279.800049 3175.000000 3263.379883  
3263.379883  
## 5961 2021-01-21 3293.000000 3348.550049 3289.570068 3306.989990  
3306.989990
```

```
## 5962 2021-01-22 3304.310059 3321.909912 3283.159912 3292.229980  
3292.229980  
## 5963 2021-01-25 3328.500000 3363.889893 3243.149902 3294.000000  
3294.000000  
## 5964 2021-01-26 3296.360107 3338.000000 3282.870117 3326.129883  
3326.129883  
## 5965 2021-01-27 3341.489990 3346.520020 3207.080078 3232.580078  
3232.580078  
## 5966 2021-01-28 3235.040039 3301.679932 3228.689941 3237.620117  
3237.620117  
## 5967 2021-01-29 3230.000000 3236.989990 3184.550049 3206.199951  
3206.199951  
## 5968 2021-02-01 3242.360107 3350.260010 3235.030029 3342.879883  
3342.879883  
## 5969 2021-02-02 3380.000000 3427.739990 3361.129883 3380.000000  
3380.000000  
## 5970 2021-02-03 3425.010010 3434.000000 3308.620117 3312.530029  
3312.530029  
## 5971 2021-02-04 3330.000000 3347.000000 3277.750000 3331.000000  
3331.000000  
## 5972 2021-02-05 3319.000000 3377.000000 3302.709961 3352.149902  
3352.149902  
## 5973 2021-02-08 3358.500000 3365.000000 3304.000000 3322.939941  
3322.939941  
## 5974 2021-02-09 3312.489990 3338.000000 3297.840088 3305.000000  
3305.000000  
## 5975 2021-02-10 3314.000000 3317.949951 3254.000000 3286.580078  
3286.580078  
## 5976 2021-02-11 3292.000000 3292.000000 3248.060059 3262.129883  
3262.129883  
## 5977 2021-02-12 3250.000000 3280.250000 3233.310059 3277.709961  
3277.709961  
## 5978 2021-02-16 3254.050049 3308.300049 3253.590088 3268.949951  
3268.949951  
## 5979 2021-02-17 3263.600098 3320.909912 3259.500000 3308.639893  
3308.639893  
## 5980 2021-02-18 3282.419922 3338.000000 3273.939941 3328.229980  
3328.229980  
## 5981 2021-02-19 3328.229980 3333.500000 3245.750000 3249.899902  
3249.899902  
## 5982 2021-02-22 3208.129883 3232.320068 3172.260010 3180.739990  
3180.739990  
## 5983 2021-02-23 3127.030029 3204.729980 3093.600098 3194.500000  
3194.500000  
## 5984 2021-02-24 3166.750000 3171.229980 3125.379883 3159.530029  
3159.530029  
## 5985 2021-02-25 3136.739990 3178.260010 3047.760010 3057.159912  
3057.159912  
## 5986 2021-02-26 3095.199951 3122.439941 3036.699951 3092.929932  
3092.929932
```

```
## 5987 2021-03-01 3127.889893 3149.560059 3097.989990 3146.139893  
3146.139893  
## 5988 2021-03-02 3143.469971 3163.520020 3087.120117 3094.530029  
3094.530029  
## 5989 2021-03-03 3081.179932 3107.780029 2995.000000 3005.000000  
3005.000000  
## 5990 2021-03-04 3012.000000 3058.129883 2945.429932 2977.570068  
2977.570068  
## 5991 2021-03-05 3005.000000 3009.000000 2881.000000 3000.459961  
3000.459961  
## 5992 2021-03-08 3015.000000 3064.590088 2951.310059 2951.949951  
2951.949951  
## 5993 2021-03-09 3017.989990 3090.959961 3005.149902 3062.850098  
3062.850098  
## 5994 2021-03-10 3098.449951 3116.459961 3030.050049 3057.639893  
3057.639893  
## 5995 2021-03-11 3104.010010 3131.780029 3082.929932 3113.590088  
3113.590088  
## 5996 2021-03-12 3075.000000 3098.979980 3045.500000 3089.489990  
3089.489990  
## 5997 2021-03-15 3074.570068 3082.239990 3032.090088 3081.679932  
3081.679932  
## 5998 2021-03-16 3104.969971 3128.909912 3075.860107 3091.860107  
3091.860107  
## 5999 2021-03-17 3073.219971 3173.050049 3070.219971 3135.729980  
3135.729980  
## 6000 2021-03-18 3101.000000 3116.629883 3025.000000 3027.989990  
3027.989990  
## 6001 2021-03-19 3029.229980 3077.290039 3016.629883 3074.959961  
3074.959961  
## 6002 2021-03-22 3067.850098 3126.580078 3060.050049 3110.870117  
3110.870117  
## 6003 2021-03-23 3127.000000 3182.000000 3120.850098 3137.500000  
3137.500000  
## 6004 2021-03-24 3151.040039 3160.310059 3085.149902 3087.070068  
3087.070068  
## 6005 2021-03-25 3072.989990 3109.780029 3037.139893 3046.260010  
3046.260010  
## 6006 2021-03-26 3044.060059 3056.659912 2996.000000 3052.030029  
3052.030029  
## 6007 2021-03-29 3055.439941 3091.250000 3028.449951 3075.729980  
3075.729980  
## 6008 2021-03-30 3070.010010 3073.000000 3034.000000 3055.290039  
3055.290039  
## 6009 2021-03-31 3064.060059 3119.330078 3062.500000 3094.080078  
3094.080078  
## 6010 2021-04-01 3117.939941 3162.439941 3115.550049 3161.000000  
3161.000000  
## 6011 2021-04-05 3173.000000 3235.959961 3161.239990 3226.729980  
3226.729980
```

```
## 6012 2021-04-06 3223.750000 3247.310059 3217.040039 3223.820068  
3223.820068  
## 6013 2021-04-07 3233.800049 3303.610107 3223.649902 3279.389893  
3279.389893  
## 6014 2021-04-08 3310.899902 3324.500000 3292.000000 3299.300049  
3299.300049  
## 6015 2021-04-09 3304.699951 3372.199951 3288.899902 3372.199951  
3372.199951  
## 6016 2021-04-12 3355.209961 3395.040039 3351.149902 3379.389893  
3379.389893  
## 6017 2021-04-13 3400.850098 3432.000000 3395.629883 3400.000000  
3400.000000  
## 6018 2021-04-14 3404.040039 3404.129883 3326.000000 3333.000000  
3333.000000  
## 6019 2021-04-15 3371.000000 3397.000000 3352.000000 3379.090088  
3379.090088  
## 6020 2021-04-16 3380.000000 3406.800049 3355.590088 3399.439941  
3399.439941  
## 6021 2021-04-19 3390.330078 3435.929932 3360.159912 3372.010010  
3372.010010  
## 6022 2021-04-20 3373.600098 3382.989990 3316.000000 3334.689941  
3334.689941  
## 6023 2021-04-21 3316.000000 3362.860107 3303.810059 3362.020020  
3362.020020  
## 6024 2021-04-22 3371.679932 3372.870117 3301.449951 3309.040039  
3309.040039  
## 6025 2021-04-23 3319.100098 3375.000000 3308.500000 3340.879883  
3340.879883  
## 6026 2021-04-26 3348.000000 3428.449951 3330.939941 3409.000000  
3409.000000  
## 6027 2021-04-27 3443.469971 3460.000000 3398.010010 3417.429932  
3417.429932  
## 6028 2021-04-28 3434.800049 3489.879883 3425.000000 3458.500000  
3458.500000  
## 6029 2021-04-29 3505.100098 3514.449951 3435.000000 3471.310059  
3471.310059  
## 6030 2021-04-30 3525.120117 3554.000000 3462.500000 3467.419922  
3467.419922  
## 6031 2021-05-03 3484.729980 3486.649902 3372.699951 3386.489990  
3386.489990  
## 6032 2021-05-04 3356.189941 3367.979980 3272.129883 3311.870117  
3311.870117  
## 6033 2021-05-05 3338.860107 3354.699951 3264.360107 3270.540039  
3270.540039  
## 6034 2021-05-06 3270.000000 3314.399902 3247.199951 3306.370117  
3306.370117  
## 6035 2021-05-07 3319.090088 3330.889893 3289.070068 3291.610107  
3291.610107  
## 6036 2021-05-10 3282.320068 3283.000000 3190.000000 3190.489990  
3190.489990
```

```
## 6037 2021-05-11 3136.280029 3238.000000 3127.370117 3223.909912  
3223.909912  
## 6038 2021-05-12 3185.000000 3207.939941 3133.100098 3151.939941  
3151.939941  
## 6039 2021-05-13 3185.469971 3203.840088 3133.000000 3161.469971  
3161.469971  
## 6040 2021-05-14 3185.560059 3228.860107 3183.000000 3222.899902  
3222.899902  
## 6041 2021-05-17 3245.929932 3292.750000 3234.590088 3270.389893  
3270.389893  
## 6042 2021-05-18 3292.580078 3312.000000 3230.370117 3232.280029  
3232.280029  
## 6043 2021-05-19 3195.000000 3234.750000 3184.000000 3231.800049  
3231.800049  
## 6044 2021-05-20 3244.399902 3259.679932 3236.179932 3247.679932  
3247.679932  
## 6045 2021-05-21 3250.000000 3256.689941 3197.010010 3203.080078  
3203.080078  
## 6046 2021-05-24 3215.500000 3257.949951 3210.500000 3244.989990  
3244.989990  
## 6047 2021-05-25 3266.669922 3279.820068 3213.760010 3259.050049  
3259.050049  
## 6048 2021-05-26 3274.590088 3295.729980 3258.510010 3265.159912  
3265.159912  
## 6049 2021-05-27 3256.000000 3260.360107 3230.040039 3230.110107  
3230.110107  
## 6050 2021-05-28 3242.000000 3247.989990 3219.699951 3223.070068  
3223.070068  
## 6051 2021-06-01 3243.500000 3250.979980 3209.060059 3218.649902  
3218.649902  
## 6052 2021-06-02 3223.100098 3235.000000 3208.000000 3233.989990  
3233.989990  
## 6053 2021-06-03 3204.229980 3214.439941 3184.030029 3187.010010  
3187.010010  
## 6054 2021-06-04 3212.000000 3221.000000 3198.810059 3206.219971  
3206.219971  
## 6055 2021-06-07 3197.330078 3208.000000 3172.199951 3198.010010  
3198.010010  
## 6056 2021-06-08 3222.610107 3279.530029 3218.010010 3264.110107  
3264.110107  
## 6057 2021-06-09 3272.870117 3297.580078 3270.699951 3281.149902  
3281.149902  
## 6058 2021-06-10 3282.010010 3351.000000 3281.149902 3349.649902  
3349.649902  
## 6059 2021-06-11 3349.649902 3366.580078 3333.449951 3346.830078  
3346.830078  
## 6060 2021-06-14 3346.830078 3385.000000 3335.500000 3383.870117  
3383.870117  
## 6061 2021-06-15 3384.000000 3396.989990 3363.110107 3383.129883  
3383.129883
```

```
## 6062 2021-06-16 3392.00000 3426.350098 3360.530029 3415.250000  
3415.250000  
## 6063 2021-06-17 3403.179932 3497.199951 3401.000000 3489.239990  
3489.239990  
## 6064 2021-06-18 3479.989990 3507.000000 3473.709961 3486.899902  
3486.899902  
## 6065 2021-06-21 3476.419922 3482.000000 3434.000000 3453.959961  
3453.959961  
## 6066 2021-06-22 3458.060059 3523.780029 3456.090088 3505.439941  
3505.439941  
## 6067 2021-06-23 3505.000000 3521.000000 3483.199951 3503.820068  
3503.820068  
## 6068 2021-06-24 3507.639893 3524.860107 3430.850098 3449.080078  
3449.080078  
## 6069 2021-06-25 3464.000000 3464.820068 3394.179932 3401.459961  
3401.459961  
## 6070 2021-06-28 3416.000000 3448.000000 3413.510010 3443.889893  
3443.889893  
## 6071 2021-06-29 3438.820068 3456.030029 3423.030029 3448.139893  
3448.139893  
## 6072 2021-06-30 3441.060059 3471.600098 3435.000000 3440.159912  
3440.159912  
## 6073 2021-07-01 3434.610107 3457.000000 3409.419922 3432.969971  
3432.969971  
## 6074 2021-07-02 3451.639893 3511.719971 3436.919922 3510.979980  
3510.979980  
## 6075 2021-07-06 3530.110107 3685.479980 3529.000000 3675.739990  
3675.739990  
## 6076 2021-07-07 3717.379883 3734.199951 3678.909912 3696.580078  
3696.580078  
## 6077 2021-07-08 3643.560059 3759.989990 3621.120117 3731.409912  
3731.409912  
## 6078 2021-07-09 3722.520020 3748.000000 3693.399902 3719.340088  
3719.340088  
## 6079 2021-07-12 3744.000000 3757.290039 3696.790039 3718.550049  
3718.550049  
## 6080 2021-07-13 3702.100098 3773.080078 3671.320068 3677.360107  
3677.360107  
## 6081 2021-07-14 3708.850098 3717.659912 3660.830078 3681.679932  
3681.679932  
## 6082 2021-07-15 3694.199951 3695.399902 3620.919922 3631.199951  
3631.199951  
## 6083 2021-07-16 3633.310059 3646.060059 3570.459961 3573.629883  
3573.629883  
## 6084 2021-07-19 3532.580078 3550.209961 3499.159912 3549.590088  
3549.590088  
## 6085 2021-07-20 3567.320068 3592.000000 3518.000000 3573.189941  
3573.189941  
## 6086 2021-07-21 3576.379883 3586.449951 3543.639893 3585.199951  
3585.199951
```

```
## 6087 2021-07-22 3587.229980 3640.020020 3582.270020 3638.030029  
3638.030029  
## 6088 2021-07-23 3640.000000 3666.110107 3622.040039 3656.639893  
3656.639893  
## 6089 2021-07-26 3673.169922 3712.080078 3647.250000 3699.820068  
3699.820068  
## 6090 2021-07-27 3698.500000 3698.500000 3586.149902 3626.389893  
3626.389893  
## 6091 2021-07-28 3633.780029 3658.419922 3601.000000 3630.320068  
3630.320068  
## 6092 2021-07-29 3627.750000 3637.949951 3580.010010 3599.919922  
3599.919922  
## 6093 2021-07-30 3347.949951 3368.139893 3306.979980 3327.590088  
3327.590088  
## 6094 2021-08-02 3353.100098 3358.919922 3317.000000 3331.479980  
3331.479980  
## 6095 2021-08-03 3340.719971 3391.000000 3299.770020 3366.239990  
3366.239990  
## 6096 2021-08-04 3379.350098 3388.879883 3345.560059 3354.719971  
3354.719971  
## 6097 2021-08-05 3356.219971 3389.000000 3340.919922 3375.989990  
3375.989990  
## 6098 2021-08-06 3375.000000 3375.000000 3329.040039 3344.939941  
3344.939941  
## 6099 2021-08-09 3343.610107 3354.879883 3328.520020 3341.870117  
3341.870117  
## 6100 2021-08-10 3345.010010 3358.000000 3315.000000 3320.679932  
3320.679932  
## 6101 2021-08-11 3331.449951 3337.699951 3277.790039 3292.110107  
3292.110107  
## 6102 2021-08-12 3290.000000 3314.510010 3269.669922 3303.500000  
3303.500000  
## 6103 2021-08-13 3305.669922 3306.070068 3283.000000 3293.969971  
3293.969971  
## 6104 2021-08-16 3283.000000 3300.000000 3211.129883 3298.989990  
3298.989990  
## 6105 2021-08-17 3277.500000 3280.489990 3225.679932 3241.959961  
3241.959961  
## 6106 2021-08-18 3241.989990 3254.100098 3200.000000 3201.219971  
3201.219971  
## 6107 2021-08-19 3194.020020 3233.000000 3182.459961 3187.750000  
3187.750000  
## 6108 2021-08-20 3203.870117 3207.810059 3175.760010 3199.949951  
3199.949951  
## 6109 2021-08-23 3211.899902 3280.899902 3210.010010 3265.870117  
3265.870117  
## 6110 2021-08-24 3280.000000 3315.489990 3274.580078 3305.780029  
3305.780029  
## 6111 2021-08-25 3309.870117 3321.000000 3286.149902 3299.179932  
3299.179932
```

```
## 6112 2021-08-26 3299.000000 3332.000000 3296.000000 3316.000000  
3316.000000  
## 6113 2021-08-27 3333.229980 3352.320068 3313.750000 3349.629883  
3349.629883  
## 6114 2021-08-30 3357.429932 3445.000000 3355.219971 3421.570068  
3421.570068  
## 6115 2021-08-31 3424.800049 3472.580078 3395.590088 3470.790039  
3470.790039  
## 6116 2021-09-01 3496.399902 3527.000000 3475.239990 3479.000000  
3479.000000  
## 6117 2021-09-02 3494.760010 3511.959961 3455.000000 3463.120117  
3463.120117  
## 6118 2021-09-03 3452.000000 3482.669922 3436.439941 3478.050049  
3478.050049  
## 6119 2021-09-07 3478.000000 3528.090088 3476.939941 3509.290039  
3509.290039  
## 6120 2021-09-08 3511.649902 3545.629883 3495.669922 3525.500000  
3525.500000  
## 6121 2021-09-09 3526.020020 3549.989990 3480.370117 3484.159912  
3484.159912  
## 6122 2021-09-10 3501.830078 3508.449951 3462.909912 3469.149902  
3469.149902  
## 6123 2021-09-13 3482.800049 3497.959961 3438.000000 3457.169922  
3457.169922  
## 6124 2021-09-14 3475.550049 3486.810059 3437.709961 3450.000000  
3450.000000  
## 6125 2021-09-15 3442.520020 3485.419922 3402.010010 3475.790039  
3475.790039  
## 6126 2021-09-16 3459.959961 3492.550049 3446.139893 3488.239990  
3488.239990  
## 6127 2021-09-17 3488.409912 3497.409912 3452.129883 3462.520020  
3462.520020  
## 6128 2021-09-20 3396.000000 3419.000000 3305.010010 3355.729980  
3355.729980  
## 6129 2021-09-21 3375.000000 3379.699951 3332.389893 3343.629883  
3343.629883  
## 6130 2021-09-22 3351.000000 3389.000000 3341.050049 3380.050049  
3380.050049  
## 6131 2021-09-23 3380.050049 3428.959961 3380.050049 3416.000000  
3416.000000  
## 6132 2021-09-24 3402.010010 3429.260010 3393.399902 3425.520020  
3425.520020  
## 6133 2021-09-27 3371.500000 3415.570068 3339.610107 3405.800049  
3405.800049  
## 6134 2021-09-28 3357.709961 3369.189941 3290.100098 3315.959961  
3315.959961  
## 6135 2021-09-29 3322.110107 3351.300049 3297.870117 3301.120117  
3301.120117  
## 6136 2021-09-30 3316.000000 3327.850098 3273.989990 3285.040039  
3285.040039
```

```
## 6137 2021-10-01 3289.010010 3309.169922 3255.939941 3283.260010  
3283.260010  
## 6138 2021-10-04 3279.389893 3279.989990 3176.250000 3189.780029  
3189.780029  
## 6139 2021-10-05 3204.500000 3260.729980 3202.459961 3221.000000  
3221.000000  
## 6140 2021-10-06 3213.530029 3264.340088 3198.620117 3262.010010  
3262.010010  
## 6141 2021-10-07 3291.540039 3325.750000 3283.060059 3302.429932  
3302.429932  
## 6142 2021-10-08 3317.000000 3321.429932 3288.199951 3288.620117  
3288.620117  
## 6143 2021-10-11 3275.000000 3292.590088 3238.100098 3246.300049  
3246.300049  
## 6144 2021-10-12 3257.000000 3267.530029 3236.280029 3247.330078  
3247.330078  
## 6145 2021-10-13 3269.709961 3288.379883 3261.090088 3284.280029  
3284.280029  
## 6146 2021-10-14 3302.449951 3312.600098 3290.780029 3299.860107  
3299.860107  
## 6147 2021-10-15 3311.419922 3410.419922 3304.000000 3409.020020  
3409.020020  
## 6148 2021-10-18 3388.360107 3449.169922 3385.100098 3446.739990  
3446.739990  
## 6149 2021-10-19 3434.290039 3454.689941 3422.000000 3444.149902  
3444.149902  
## 6150 2021-10-20 3452.659912 3462.860107 3400.370117 3415.060059  
3415.060059  
## 6151 2021-10-21 3414.250000 3440.280029 3403.000000 3435.010010  
3435.010010  
## 6152 2021-10-22 3421.000000 3429.840088 3331.300049 3335.550049  
3335.550049  
## 6153 2021-10-25 3335.000000 3347.800049 3297.699951 3320.370117  
3320.370117  
## 6154 2021-10-26 3349.510010 3416.120117 3343.979980 3376.070068  
3376.070068  
## 6155 2021-10-27 3388.000000 3437.000000 3371.449951 3392.489990  
3392.489990  
## 6156 2021-10-28 3402.100098 3479.000000 3386.000000 3446.570068  
3446.570068  
## 6157 2021-10-29 3300.020020 3374.820068 3273.320068 3372.429932  
3372.429932  
## 6158 2021-11-01 3361.800049 3375.860107 3292.020020 3318.110107  
3318.110107  
## 6159 2021-11-02 3315.010010 3331.120117 3283.550049 3312.750000  
3312.750000  
## 6160 2021-11-03 3309.000000 3394.919922 3297.520020 3384.000000  
3384.000000  
## 6161 2021-11-04 3370.000000 3498.629883 3365.000000 3477.000000  
3477.000000
```

```
## 6162 2021-11-05 3477.00000 3566.25000 3476.979980 3518.989990  
3518.989990  
## 6163 2021-11-08 3523.239990 3579.00000 3487.860107 3488.979980  
3488.979980  
## 6164 2021-11-09 3515.250000 3593.770020 3501.429932 3576.229980  
3576.229980  
## 6165 2021-11-10 3563.870117 3605.449951 3463.090088 3482.050049  
3482.050049  
## 6166 2021-11-11 3513.000000 3543.239990 3467.469971 3472.500000  
3472.500000  
## 6167 2021-11-12 3485.000000 3540.729980 3447.050049 3525.149902  
3525.149902  
## 6168 2021-11-15 3537.000000 3593.879883 3525.810059 3545.679932  
3545.679932  
## 6169 2021-11-16 3539.000000 3576.500000 3525.149902 3540.699951  
3540.699951  
## 6170 2021-11-17 3564.719971 3587.250000 3545.350098 3549.000000  
3549.000000  
## 6171 2021-11-18 3566.350098 3704.199951 3561.000000 3696.060059  
3696.060059  
## 6172 2021-11-19 3712.689941 3762.149902 3675.719971 3676.570068  
3676.570068  
## 6173 2021-11-22 3676.379883 3713.459961 3567.500000 3572.570068  
3572.570068  
## 6174 2021-11-23 3585.040039 3621.050049 3527.709961 3580.040039  
3580.040039  
## 6175 2021-11-24 3562.669922 3613.639893 3536.850098 3580.409912  
3580.409912  
## 6176 2021-11-26 3602.100098 3633.500000 3504.149902 3504.560059  
3504.560059  
## 6177 2021-11-29 3547.639893 3596.000000 3531.500000 3561.570068  
3561.570068  
## 6178 2021-11-30 3563.500000 3585.770020 3492.010010 3507.070068  
3507.070068  
## 6179 2021-12-01 3545.000000 3559.879883 3441.600098 3443.719971  
3443.719971  
## 6180 2021-12-02 3460.000000 3492.699951 3423.750000 3437.360107  
3437.360107  
## 6181 2021-12-03 3455.000000 3469.870117 3338.600098 3389.790039  
3389.790039  
## 6182 2021-12-06 3393.000000 3473.909912 3338.689941 3427.370117  
3427.370117  
## 6183 2021-12-07 3492.000000 3549.989990 3466.689941 3523.290039  
3523.290039  
## 6184 2021-12-08 3523.010010 3543.600098 3495.010010 3523.159912  
3523.159912  
## 6185 2021-12-09 3515.000000 3539.389893 3482.790039 3483.419922  
3483.419922  
## 6186 2021-12-10 3508.340088 3518.540039 3410.000000 3444.239990  
3444.239990
```

```
## 6187 2021-12-13 3440.00000 3442.00000 3382.600098 3391.350098  
3391.350098  
## 6188 2021-12-14 3351.00000 3389.979980 3328.800049 3381.830078  
3381.830078  
## 6189 2021-12-15 3371.959961 3472.000000 3303.899902 3466.300049  
3466.300049  
## 6190 2021-12-16 3467.370117 3483.320068 3363.209961 3377.419922  
3377.419922  
## 6191 2021-12-17 3354.209961 3417.969971 3312.270020 3400.350098  
3400.350098  
## 6192 2021-12-20 3337.000000 3357.489990 3312.000000 3341.580078  
3341.580078  
## 6193 2021-12-21 3357.010010 3414.330078 3312.949951 3408.340088  
3408.340088  
## 6194 2021-12-22 3385.399902 3441.000000 3370.010010 3420.739990  
3420.739990  
## 6195 2021-12-23 3408.560059 3439.500000 3403.000000 3421.370117  
3421.370117  
## 6196 2021-12-27 3420.739990 3458.860107 3384.310059 3393.389893  
3393.389893  
## 6197 2021-12-28 3403.649902 3443.520020 3382.709961 3413.219971  
3413.219971  
## 6198 2021-12-29 3416.800049 3424.239990 3372.010010 3384.020020  
3384.020020  
## 6199 2021-12-30 3394.000000 3417.760010 3370.479980 3372.889893  
3372.889893  
## 6200 2021-12-31 3379.120117 3387.000000 3331.169922 3334.340088  
3334.340088  
## 6201 2022-01-03 3351.000000 3414.070068 3323.209961 3408.090088  
3408.090088  
## 6202 2022-01-04 3408.760010 3428.000000 3326.989990 3350.439941  
3350.439941  
## 6203 2022-01-05 3337.659912 3342.530029 3287.139893 3287.139893  
3287.139893  
## 6204 2022-01-06 3269.010010 3296.000000 3238.739990 3265.080078  
3265.080078  
## 6205 2022-01-07 3276.780029 3304.870117 3240.620117 3251.080078  
3251.080078  
## 6206 2022-01-10 3211.709961 3233.229980 3126.090088 3229.719971  
3229.719971  
## 6207 2022-01-11 3230.000000 3327.000000 3214.030029 3307.239990  
3307.239990  
## 6208 2022-01-12 3331.500000 3337.560059 3288.340088 3304.139893  
3304.139893  
## 6209 2022-01-13 3305.010010 3324.429932 3221.820068 3224.280029  
3224.280029  
## 6210 2022-01-14 3203.000000 3245.000000 3196.010010 3242.760010  
3242.760010  
## 6211 2022-01-18 3182.100098 3194.689941 3153.290039 3178.350098  
3178.350098
```

```
## 6212 2022-01-19 3175.239990 3185.000000 3125.000000 3125.979980  
3125.979980  
## 6213 2022-01-20 3135.320068 3160.000000 3027.020020 3033.350098  
3033.350098  
## 6214 2022-01-21 2999.000000 3018.000000 2841.409912 2852.860107  
2852.860107  
## 6215 2022-01-24 2780.000000 2898.899902 2707.040039 2890.879883  
2890.879883  
## 6216 2022-01-25 2844.850098 2872.000000 2762.899902 2799.719971  
2799.719971  
## 6217 2022-01-26 2895.000000 2903.699951 2746.370117 2777.449951  
2777.449951  
## 6218 2022-01-27 2816.000000 2884.870117 2787.000000 2792.750000  
2792.750000  
## 6219 2022-01-28 2817.209961 2879.959961 2758.590088 2879.560059  
2879.560059  
## 6220 2022-01-31 2895.000000 3007.209961 2886.010010 2991.469971  
2991.469971  
## 6221 2022-02-01 3000.000000 3034.159912 2952.550049 3023.870117  
3023.870117  
## 6222 2022-02-02 3101.010010 3101.500000 2977.270020 3012.250000  
3012.250000  
## 6223 2022-02-03 2834.750000 2884.949951 2766.659912 2776.909912  
2776.909912  
## 6224 2022-02-04 3112.129883 3224.000000 3012.159912 3152.790039  
3152.790039  
## 6225 2022-02-07 3170.399902 3253.820068 3145.000000 3158.709961  
3158.709961  
## 6226 2022-02-08 3135.010010 3235.850098 3111.010010 3228.270020  
3228.270020  
## 6227 2022-02-09 3257.469971 3276.689941 3205.000000 3223.790039  
3223.790039  
## 6228 2022-02-10 3167.000000 3214.330078 3155.000000 3180.070068  
3180.070068  
## 6229 2022-02-11 3162.689941 3180.000000 3054.679932 3065.870117  
3065.870117  
## 6230 2022-02-14 3035.020020 3168.969971 3033.000000 3103.340088  
3103.340088  
## 6231 2022-02-15 3152.110107 3160.139893 3092.750000 3130.209961  
3130.209961  
## 6232 2022-02-16 3115.810059 3176.679932 3094.689941 3162.010010  
3162.010010  
## 6233 2022-02-17 3162.919922 3206.979980 3090.000000 3093.050049  
3093.050049  
## 6234 2022-02-18 3109.989990 3109.989990 3017.860107 3052.030029  
3052.030029  
## 6235 2022-02-22 3009.570068 3059.649902 2969.709961 3003.949951  
3003.949951  
## 6236 2022-02-23 3033.010010 3035.260010 2893.020020 2896.540039  
2896.540039
```

```

## 6237 2022-02-24 2796.750000 3034.979980 2790.000000 3027.159912
3027.159912
## 6238 2022-02-25 3011.000000 3079.800049 2984.270020 3075.770020
3075.770020
## 6239 2022-02-28 3048.500000 3089.000000 3017.000000 3071.260010
3071.260010
## 6240 2022-03-01 3054.649902 3081.979980 2999.540039 3022.840088
3022.840088
## 6241 2022-03-02 3016.979980 3059.989990 2975.000000 3041.050049
3041.050049
## 6242 2022-03-03 3070.629883 3078.580078 2937.120117 2957.969971
2957.969971
## 6243 2022-03-04 2943.179932 2957.000000 2876.139893 2912.820068
2912.820068
## 6244 2022-03-07 2908.870117 2921.889893 2748.330078 2749.060059
2749.060059
## 6245 2022-03-08 2733.669922 2813.989990 2671.449951 2720.290039
2720.290039
## 6246 2022-03-09 2790.000000 2805.000000 2736.560059 2785.580078
2785.580078
## 6247 2022-03-10 2913.699951 2973.489990 2879.560059 2936.350098
2936.350098
## 6248 2022-03-11 2991.489990 2993.500000 2907.379883 2910.489990
2910.489990
## 6249 2022-03-14 2919.620117 2949.000000 2817.679932 2837.060059
2837.060059
## 6250 2022-03-15 2857.000000 2959.699951 2840.000000 2947.330078
2947.330078
## 6251 2022-03-16 2970.000000 3063.000000 2947.070068 3062.080078
3062.080078
## 6252 2022-03-17 3052.810059 3149.969971 3042.800049 3144.780029
3144.780029
## 6253 2022-03-18 3136.260010 3231.879883 3120.219971 3225.010010
3225.010010
## 6254 2022-03-21 3222.419922 3261.679932 3191.060059 3229.830078
3229.830078
## 6255 2022-03-22 3236.110107 3323.340088 3233.979980 3297.780029
3297.780029
## 6256 2022-03-23 3274.100098 3327.399902 3253.739990 3268.159912
3268.159912
## 6257 2022-03-24 3274.989990 3282.370117 3201.000000 3272.989990
3272.989990
##          Volume Month Cluster
## 1      72156000   May     1
## 2      14700000   May     3
## 3       6106800   May     3
## 4      5467200   May     3
## 5     18853200   May     1
## 6     11776800   May     3
## 7     15937200   May     3

```

## 8	8697600	May	3
## 9	4574400	May	3
## 10	3472800	May	3
## 11	2594400	May	3
## 12	591600	Jun	3
## 13	1183200	Jun	3
## 14	3080400	Jun	3
## 15	5672400	Jun	3
## 16	7807200	Jun	3
## 17	2352000	Jun	3
## 18	5458800	Jun	3
## 19	1188000	Jun	3
## 20	1632000	Jun	3
## 21	693600	Jun	3
## 22	913200	Jun	3
## 23	4706400	Jun	3
## 24	2464800	Jun	3
## 25	1003200	Jun	3
## 26	3387600	Jun	3
## 27	1047600	Jun	3
## 28	751200	Jun	3
## 29	2106000	Jun	3
## 30	3189600	Jun	3
## 31	1188000	Jun	3
## 32	2746800	Jun	3
## 33	1292400	Jul	3
## 34	3882000	Jul	3
## 35	12577200	Jul	3
## 36	8053200	Jul	3
## 37	15517200	Jul	3
## 38	8262000	Jul	3
## 39	9051600	Jul	3
## 40	10531200	Jul	3
## 41	4604400	Jul	3
## 42	9274800	Jul	3
## 43	3024000	Jul	3
## 44	3169200	Jul	3
## 45	780000	Jul	3
## 46	574800	Jul	3
## 47	1563600	Jul	3
## 48	3259200	Jul	3
## 49	1216800	Jul	3
## 50	620400	Jul	3
## 51	2574000	Jul	3
## 52	4814400	Jul	3
## 53	2517600	Jul	3
## 54	1454400	Jul	3
## 55	3588000	Aug	3
## 56	2671200	Aug	3
## 57	3032400	Aug	3

## 58	1243200	Aug	3
## 59	2034000	Aug	3
## 60	2211600	Aug	3
## 61	1239600	Aug	3
## 62	571200	Aug	3
## 63	590400	Aug	3
## 64	1041600	Aug	3
## 65	1597200	Aug	3
## 66	1784400	Aug	3
## 67	1003200	Aug	3
## 68	999600	Aug	3
## 69	624000	Aug	3
## 70	712800	Aug	3
## 71	1126800	Aug	3
## 72	2574000	Aug	3
## 73	1392000	Aug	3
## 74	1147200	Aug	3
## 75	722400	Aug	3
## 76	732000	Sep	3
## 77	1964400	Sep	3
## 78	3348000	Sep	3
## 79	1908000	Sep	3
## 80	5648400	Sep	3
## 81	8971200	Sep	3
## 82	3866400	Sep	3
## 83	4262400	Sep	3
## 84	3333600	Sep	3
## 85	5583600	Sep	3
## 86	6432000	Sep	3
## 87	2607600	Sep	3
## 88	2128800	Sep	3
## 89	8929200	Sep	3
## 90	16938000	Sep	3
## 91	7682400	Sep	3
## 92	8200800	Sep	3
## 93	4968000	Sep	3
## 94	2731200	Sep	3
## 95	2371200	Sep	3
## 96	5254800	Sep	3
## 97	4999200	Oct	3
## 98	1876800	Oct	3
## 99	1164000	Oct	3
## 100	2028000	Oct	3
## 101	1742400	Oct	3
## 102	2806800	Oct	3
## 103	3950400	Oct	3
## 104	3787200	Oct	3
## 105	814800	Oct	3
## 106	1546800	Oct	3
## 107	2355600	Oct	3

## 108	3481200	Oct	3
## 109	2534400	Oct	3
## 110	4912800	Oct	3
## 111	12096000	Oct	3
## 112	5208000	Oct	3
## 113	5656800	Oct	3
## 114	9492000	Oct	3
## 115	6091200	Oct	3
## 116	11719200	Oct	3
## 117	7126800	Oct	3
## 118	4770000	Oct	3
## 119	5026800	Oct	3
## 120	1999200	Nov	3
## 121	2365200	Nov	3
## 122	3093600	Nov	3
## 123	2913600	Nov	3
## 124	2626800	Nov	3
## 125	2764800	Nov	3
## 126	4312800	Nov	3
## 127	8683200	Nov	3
## 128	4290000	Nov	3
## 129	5869200	Nov	3
## 130	7394400	Nov	3
## 131	1866000	Nov	3
## 132	2534400	Nov	3
## 133	5923200	Nov	3
## 134	2602800	Nov	3
## 135	2019600	Nov	3
## 136	3304800	Nov	3
## 137	1630800	Nov	3
## 138	1603200	Nov	3
## 139	2383200	Dec	3
## 140	1262400	Dec	3
## 141	1290000	Dec	3
## 142	3038400	Dec	3
## 143	2661600	Dec	3
## 144	4766400	Dec	3
## 145	1332000	Dec	3
## 146	1444800	Dec	3
## 147	5014800	Dec	3
## 148	2672400	Dec	3
## 149	1694400	Dec	3
## 150	1687200	Dec	3
## 151	6140400	Dec	3
## 152	3204000	Dec	3
## 153	4753200	Dec	3
## 154	4352400	Dec	3
## 155	1177200	Dec	3
## 156	2336400	Dec	3
## 157	487200	Dec	3

## 158	2552400	Dec	3
## 159	6285600	Dec	3
## 160	4446000	Dec	3
## 161	1660800	Jan	3
## 162	3590400	Jan	3
## 163	4174800	Jan	3
## 164	2725200	Jan	3
## 165	6015600	Jan	3
## 166	6643200	Jan	3
## 167	7401600	Jan	3
## 168	7321200	Jan	3
## 169	8505600	Jan	3
## 170	6014400	Jan	3
## 171	2563200	Jan	3
## 172	5467200	Jan	3
## 173	8738400	Jan	3
## 174	9471600	Jan	3
## 175	9118800	Jan	3
## 176	4712400	Jan	3
## 177	4104000	Jan	3
## 178	5293200	Jan	3
## 179	4836000	Jan	3
## 180	3722400	Jan	3
## 181	6913200	Feb	3
## 182	4429200	Feb	3
## 183	1234800	Feb	3
## 184	5832000	Feb	3
## 185	2122800	Feb	3
## 186	2626800	Feb	3
## 187	12296400	Feb	3
## 188	6474000	Feb	3
## 189	3036000	Feb	3
## 190	8420400	Feb	3
## 191	2376000	Feb	3
## 192	2971200	Feb	3
## 193	4436400	Feb	3
## 194	2703600	Feb	3
## 195	3978000	Feb	3
## 196	13945200	Feb	3
## 197	6745200	Feb	3
## 198	15373200	Feb	3
## 199	24706800	Feb	1
## 200	10957200	Mar	3
## 201	8016000	Mar	3
## 202	7314000	Mar	3
## 203	12001200	Mar	3
## 204	5887200	Mar	3
## 205	23055600	Mar	1
## 206	24750000	Mar	1
## 207	12349200	Mar	3

## 208	9799200	Mar	3
## 209	6523200	Mar	3
## 210	3312000	Mar	3
## 211	3100800	Mar	3
## 212	13659600	Mar	3
## 213	12115200	Mar	3
## 214	6412800	Mar	3
## 215	3004800	Mar	3
## 216	5680800	Mar	3
## 217	11289600	Mar	3
## 218	7878000	Mar	3
## 219	7646400	Mar	3
## 220	5500800	Mar	3
## 221	6565200	Mar	3
## 222	14451600	Apr	3
## 223	16642800	Apr	3
## 224	11694000	Apr	3
## 225	11024400	Apr	3
## 226	11634000	Apr	3
## 227	11314800	Apr	3
## 228	16034400	Apr	3
## 229	10980000	Apr	3
## 230	16323600	Apr	3
## 231	11192400	Apr	3
## 232	16244400	Apr	3
## 233	7035600	Apr	3
## 234	8979600	Apr	3
## 235	8354400	Apr	3
## 236	11301600	Apr	3
## 237	12253200	Apr	3
## 238	16785600	Apr	3
## 239	18885600	Apr	1
## 240	69594000	Apr	1
## 241	31657200	Apr	1
## 242	22485600	Apr	1
## 243	9307200	May	3
## 244	7735200	May	3
## 245	5998800	May	3
## 246	7438800	May	3
## 247	13887600	May	3
## 248	4792800	May	3
## 249	11372400	May	3
## 250	11636400	May	3
## 251	13944000	May	3
## 252	8600400	May	3
## 253	4628400	May	3
## 254	6618000	May	3
## 255	3423600	May	3
## 256	4048800	May	3
## 257	3403200	May	3

## 258	5862000	May	3
## 259	10884000	May	3
## 260	23234400	May	1
## 261	9412800	May	3
## 262	8641200	May	3
## 263	8043600	Jun	3
## 264	8201400	Jun	3
## 265	6581400	Jun	3
## 266	4995600	Jun	3
## 267	3427200	Jun	3
## 268	5463000	Jun	3
## 269	19436400	Jun	1
## 270	24285000	Jun	1
## 271	35851200	Jun	1
## 272	21655800	Jun	1
## 273	33701400	Jun	1
## 274	39167400	Jun	1
## 275	40265400	Jun	1
## 276	31639800	Jun	1
## 277	36678600	Jun	1
## 278	36318000	Jun	1
## 279	37463400	Jun	1
## 280	58704600	Jun	1
## 281	54465000	Jun	1
## 282	31149600	Jun	1
## 283	24507600	Jun	1
## 284	21877200	Jun	1
## 285	28254600	Jul	1
## 286	52279800	Jul	1
## 287	46883400	Jul	1
## 288	47251800	Jul	1
## 289	58311600	Jul	1
## 290	29493000	Jul	1
## 291	24982200	Jul	1
## 292	19248000	Jul	1
## 293	25358400	Jul	1
## 294	17610000	Jul	3
## 295	13999200	Jul	3
## 296	17826000	Jul	3
## 297	35925000	Jul	1
## 298	47328000	Jul	1
## 299	27974400	Jul	1
## 300	27810600	Jul	1
## 301	28974000	Jul	1
## 302	28830600	Jul	1
## 303	20746800	Jul	1
## 304	19644600	Jul	1
## 305	31774200	Jul	1
## 306	13440600	Jul	3
## 307	12913200	Aug	3

## 308	28065000	Aug	1
## 309	23060400	Aug	1
## 310	18603600	Aug	1
## 311	23433000	Aug	1
## 312	18516000	Aug	1
## 313	28158600	Aug	1
## 314	20140800	Aug	1
## 315	24629400	Aug	1
## 316	19410000	Aug	1
## 317	14617800	Aug	3
## 318	18000600	Aug	3
## 319	19281600	Aug	1
## 320	15886200	Aug	3
## 321	15136200	Aug	3
## 322	13949400	Aug	3
## 323	14351400	Aug	3
## 324	16390800	Aug	3
## 325	16027200	Aug	3
## 326	39036000	Aug	1
## 327	41000400	Aug	1
## 328	67450800	Sep	1
## 329	47328600	Sep	1
## 330	25471200	Sep	1
## 331	17812200	Sep	3
## 332	21936600	Sep	1
## 333	17896200	Sep	3
## 334	31969800	Sep	1
## 335	23612400	Sep	1
## 336	15060000	Sep	3
## 337	17228400	Sep	3
## 338	39118800	Sep	1
## 339	42457800	Sep	1
## 340	16742400	Sep	3
## 341	23767200	Sep	1
## 342	30305400	Sep	1
## 343	45583800	Sep	1
## 344	51124200	Sep	1
## 345	36598800	Sep	1
## 346	38604600	Sep	1
## 347	38335800	Sep	1
## 348	29430600	Sep	1
## 349	34392000	Oct	1
## 350	34495800	Oct	1
## 351	24496200	Oct	1
## 352	28171800	Oct	1
## 353	42834000	Oct	1
## 354	30384600	Oct	1
## 355	20727000	Oct	1
## 356	21817200	Oct	1
## 357	10685400	Oct	3

## 358	15590400	Oct	3
## 359	16971000	Oct	3
## 360	21405000	Oct	1
## 361	16681200	Oct	3
## 362	19167600	Oct	1
## 363	12618000	Oct	3
## 364	26695200	Oct	1
## 365	13624800	Oct	3
## 366	19516800	Oct	1
## 367	20164200	Oct	1
## 368	19891800	Oct	1
## 369	32932200	Oct	1
## 370	21182400	Oct	1
## 371	31494000	Nov	1
## 372	18388200	Nov	1
## 373	20383200	Nov	1
## 374	14732400	Nov	3
## 375	18894000	Nov	1
## 376	21843600	Nov	1
## 377	34375800	Nov	1
## 378	16463400	Nov	3
## 379	11974800	Nov	3
## 380	8940600	Nov	3
## 381	11897400	Nov	3
## 382	61141800	Nov	1
## 383	59133600	Nov	1
## 384	38895600	Nov	1
## 385	66912600	Nov	1
## 386	67781400	Nov	1
## 387	81675600	Nov	1
## 388	27522600	Nov	1
## 389	9586800	Nov	3
## 390	29752200	Nov	1
## 391	47154600	Dec	1
## 392	29649000	Dec	1
## 393	21836400	Dec	1
## 394	22257600	Dec	1
## 395	15774000	Dec	3
## 396	25549800	Dec	1
## 397	46506600	Dec	1
## 398	30361800	Dec	1
## 399	25467600	Dec	1
## 400	38751000	Dec	1
## 401	38015400	Dec	1
## 402	101797200	Dec	1
## 403	67635000	Dec	1
## 404	22951800	Dec	1
## 405	33384000	Dec	1
## 406	31760400	Dec	1
## 407	14563800	Dec	3

## 408	5413800	Dec	3
## 409	29898600	Dec	1
## 410	24607800	Dec	1
## 411	32583600	Dec	1
## 412	18298200	Dec	3
## 413	39292200	Jan	1
## 414	62873200	Jan	1
## 415	36176600	Jan	1
## 416	47274600	Jan	1
## 417	66662200	Jan	1
## 418	38923000	Jan	1
## 419	24443200	Jan	1
## 420	29876400	Jan	1
## 421	20912400	Jan	1
## 422	20132600	Jan	1
## 423	11405400	Jan	3
## 424	30535200	Jan	1
## 425	47048200	Jan	1
## 426	43765800	Jan	1
## 427	27323800	Jan	1
## 428	24534800	Jan	1
## 429	35022600	Jan	1
## 430	23750600	Jan	1
## 431	16396000	Jan	3
## 432	12781000	Feb	3
## 433	13048600	Feb	3
## 434	18791000	Feb	1
## 435	11649600	Feb	3
## 436	8566000	Feb	3
## 437	12598200	Feb	3
## 438	12826000	Feb	3
## 439	13205000	Feb	3
## 440	13793000	Feb	3
## 441	7765400	Feb	3
## 442	7779800	Feb	3
## 443	9668600	Feb	3
## 444	21562600	Feb	1
## 445	26918200	Feb	1
## 446	19212200	Feb	1
## 447	21139200	Feb	1
## 448	24786400	Feb	1
## 449	36689800	Feb	1
## 450	25365400	Feb	1
## 451	19369000	Mar	1
## 452	16603200	Mar	3
## 453	15528800	Mar	3
## 454	17887400	Mar	3
## 455	12176200	Mar	3
## 456	10462600	Mar	3
## 457	16292000	Mar	3

## 458	14117600	Mar	3
## 459	16252200	Mar	3
## 460	9332600	Mar	3
## 461	7020800	Mar	3
## 462	7534400	Mar	3
## 463	7867400	Mar	3
## 464	12300200	Mar	3
## 465	10725200	Mar	3
## 466	6598400	Mar	3
## 467	11216800	Mar	3
## 468	11543800	Mar	3
## 469	16099800	Mar	3
## 470	24922000	Mar	1
## 471	18888000	Mar	1
## 472	26177400	Mar	1
## 473	22094200	Mar	1
## 474	11573200	Apr	3
## 475	15916800	Apr	3
## 476	14531800	Apr	3
## 477	13166600	Apr	3
## 478	11487800	Apr	3
## 479	6839000	Apr	3
## 480	8569200	Apr	3
## 481	8038800	Apr	3
## 482	9952800	Apr	3
## 483	16498400	Apr	3
## 484	31660200	Apr	1
## 485	28369800	Apr	1
## 486	20005000	Apr	1
## 487	11082000	Apr	3
## 488	12538200	Apr	3
## 489	31716800	Apr	1
## 490	13985000	Apr	3
## 491	17895400	Apr	3
## 492	19473800	Apr	1
## 493	42208400	Apr	1
## 494	17776400	Apr	3
## 495	26186400	May	1
## 496	21696400	May	1
## 497	27709800	May	1
## 498	18284400	May	3
## 499	16654000	May	3
## 500	14241200	May	3
## 501	13941400	May	3
## 502	7327400	May	3
## 503	11499000	May	3
## 504	11266800	May	3
## 505	20858200	May	1
## 506	12407800	May	3
## 507	12619200	May	3

## 508	6894000	May	3
## 509	8005600	May	3
## 510	14253800	May	3
## 511	15510200	May	3
## 512	21158600	May	1
## 513	13573400	May	3
## 514	9680200	May	3
## 515	20076400	Jun	1
## 516	36906400	Jun	1
## 517	17311600	Jun	3
## 518	19491800	Jun	1
## 519	16901400	Jun	3
## 520	13844400	Jun	3
## 521	8904200	Jun	3
## 522	12710600	Jun	3
## 523	13886600	Jun	3
## 524	20764600	Jun	1
## 525	18309400	Jun	3
## 526	21707200	Jun	1
## 527	19041400	Jun	1
## 528	7972000	Jun	3
## 529	16227200	Jun	3
## 530	16729400	Jun	3
## 531	16429800	Jun	3
## 532	8355200	Jun	3
## 533	9751800	Jun	3
## 534	16871800	Jun	3
## 535	15648000	Jun	3
## 536	16906200	Jun	3
## 537	14382800	Jul	3
## 538	7208400	Jul	3
## 539	14886200	Jul	3
## 540	9988000	Jul	3
## 541	10624400	Jul	3
## 542	5581800	Jul	3
## 543	10653200	Jul	3
## 544	20453200	Jul	1
## 545	19403600	Jul	1
## 546	22763000	Jul	1
## 547	10297400	Jul	3
## 548	9438400	Jul	3
## 549	17221800	Jul	3
## 550	17134400	Jul	3
## 551	57547200	Jul	1
## 552	30080600	Jul	1
## 553	30627600	Jul	1
## 554	23769800	Jul	1
## 555	25783600	Jul	1
## 556	18748000	Jul	1
## 557	12057000	Jul	3

## 558	16967800	Aug	3
## 559	29139000	Aug	1
## 560	22411400	Aug	1
## 561	37517000	Aug	1
## 562	21218800	Aug	1
## 563	13041400	Aug	3
## 564	23195000	Aug	1
## 565	25655000	Aug	1
## 566	13140800	Aug	3
## 567	10784800	Aug	3
## 568	12753200	Aug	3
## 569	23668800	Aug	1
## 570	28415400	Aug	1
## 571	18285000	Aug	3
## 572	14281200	Aug	3
## 573	19206000	Aug	1
## 574	25010000	Aug	1
## 575	20941400	Aug	1
## 576	19244200	Aug	1
## 577	12922800	Aug	3
## 578	18494400	Aug	1
## 579	32792400	Aug	1
## 580	21961600	Sep	1
## 581	16838700	Sep	3
## 582	16435900	Sep	3
## 583	9008700	Sep	3
## 584	6976000	Sep	3
## 585	9183200	Sep	3
## 586	12420900	Sep	3
## 587	7747600	Sep	3
## 588	8782800	Sep	3
## 589	7817300	Sep	3
## 590	7058900	Sep	3
## 591	7239500	Sep	3
## 592	5957100	Sep	3
## 593	8232500	Sep	3
## 594	10037500	Sep	3
## 595	14373600	Sep	3
## 596	10972500	Sep	3
## 597	14383100	Sep	3
## 598	15768800	Sep	3
## 599	79374400	Sep	1
## 600	31046200	Sep	1
## 601	10430300	Oct	3
## 602	9757400	Oct	3
## 603	16420100	Oct	3
## 604	15532200	Oct	3
## 605	24609400	Oct	1
## 606	11458700	Oct	3
## 607	6692400	Oct	3

## 608	7231400	Oct	3
## 609	11561800	Oct	3
## 610	12713000	Oct	3
## 611	12186900	Oct	3
## 612	10793800	Oct	3
## 613	7780000	Oct	3
## 614	7735500	Oct	3
## 615	8961000	Oct	3
## 616	7304800	Oct	3
## 617	7180900	Oct	3
## 618	7711500	Oct	3
## 619	12835200	Oct	3
## 620	35726400	Oct	1
## 621	9688800	Oct	3
## 622	12824100	Nov	3
## 623	13243200	Nov	3
## 624	10772100	Nov	3
## 625	16759200	Nov	3
## 626	11091400	Nov	3
## 627	32339400	Nov	1
## 628	26477100	Nov	1
## 629	11506700	Nov	3
## 630	9293900	Nov	3
## 631	10319600	Nov	3
## 632	6437200	Nov	3
## 633	15238700	Nov	3
## 634	6657400	Nov	3
## 635	5810400	Nov	3
## 636	5760600	Nov	3
## 637	10708400	Nov	3
## 638	18332500	Nov	3
## 639	14483100	Nov	3
## 640	11496000	Nov	3
## 641	18053700	Nov	3
## 642	13465500	Nov	3
## 643	10663600	Dec	3
## 644	9538700	Dec	3
## 645	11151200	Dec	3
## 646	9199200	Dec	3
## 647	6727100	Dec	3
## 648	12867200	Dec	3
## 649	41364600	Dec	1
## 650	14929000	Dec	3
## 651	8653700	Dec	3
## 652	10107900	Dec	3
## 653	10133500	Dec	3
## 654	7004400	Dec	3
## 655	5955900	Dec	3
## 656	10566600	Dec	3
## 657	9509500	Dec	3

## 658	5921000	Dec	3
## 659	12914600	Dec	3
## 660	16523800	Dec	3
## 661	10304300	Dec	3
## 662	5913000	Dec	3
## 663	9256600	Dec	3
## 664	7270700	Dec	3
## 665	16117600	Jan	3
## 666	17487400	Jan	3
## 667	38457400	Jan	1
## 668	18752000	Jan	1
## 669	10505400	Jan	3
## 670	14757900	Jan	3
## 671	10532700	Jan	3
## 672	10804500	Jan	3
## 673	10448100	Jan	3
## 674	6853600	Jan	3
## 675	5384900	Jan	3
## 676	8245500	Jan	3
## 677	5978000	Jan	3
## 678	11461900	Jan	3
## 679	29170200	Jan	1
## 680	9434100	Jan	3
## 681	6558000	Jan	3
## 682	6784000	Jan	3
## 683	13777900	Jan	3
## 684	10697900	Jan	3
## 685	13404600	Feb	3
## 686	14025900	Feb	3
## 687	43750000	Feb	1
## 688	11023000	Feb	3
## 689	10129000	Feb	3
## 690	19472800	Feb	1
## 691	9580400	Feb	3
## 692	9979600	Feb	3
## 693	8309000	Feb	3
## 694	5169700	Feb	3
## 695	6424500	Feb	3
## 696	4260200	Feb	3
## 697	6129600	Feb	3
## 698	8726400	Feb	3
## 699	5685800	Feb	3
## 700	8441200	Feb	3
## 701	5869300	Feb	3
## 702	4870500	Feb	3
## 703	5057700	Feb	3
## 704	7148500	Feb	3
## 705	5576700	Mar	3
## 706	7980100	Mar	3
## 707	6059500	Mar	3

## 708	7665800	Mar	3
## 709	4178800	Mar	3
## 710	5940700	Mar	3
## 711	8312500	Mar	3
## 712	3713500	Mar	3
## 713	5634300	Mar	3
## 714	4805300	Mar	3
## 715	6082700	Mar	3
## 716	9703100	Mar	3
## 717	5298500	Mar	3
## 718	5813500	Mar	3
## 719	17082900	Mar	3
## 720	11566400	Mar	3
## 721	5442100	Mar	3
## 722	9746000	Mar	3
## 723	4748600	Mar	3
## 724	5197600	Mar	3
## 725	5886500	Mar	3
## 726	5034000	Mar	3
## 727	5115500	Mar	3
## 728	4865400	Apr	3
## 729	14318000	Apr	3
## 730	4900000	Apr	3
## 731	6032700	Apr	3
## 732	6052300	Apr	3
## 733	4523600	Apr	3
## 734	4706600	Apr	3
## 735	8695500	Apr	3
## 736	10679000	Apr	3
## 737	20074500	Apr	1
## 738	12180900	Apr	3
## 739	10735000	Apr	3
## 740	5373800	Apr	3
## 741	4925300	Apr	3
## 742	6693300	Apr	3
## 743	7150400	Apr	3
## 744	12006400	Apr	3
## 745	11266000	Apr	3
## 746	6833800	Apr	3
## 747	8578500	May	3
## 748	7427900	May	3
## 749	5424800	May	3
## 750	4725200	May	3
## 751	4062100	May	3
## 752	3950000	May	3
## 753	4551800	May	3
## 754	8711500	May	3
## 755	5580800	May	3
## 756	3969600	May	3
## 757	4125400	May	3

## 758	6432200	May	3
## 759	6998600	May	3
## 760	4727000	May	3
## 761	4610900	May	3
## 762	8272800	May	3
## 763	5837200	May	3
## 764	11666600	May	3
## 765	4919500	May	3
## 766	3621000	May	3
## 767	5613200	May	3
## 768	6882000	May	3
## 769	7622200	Jun	3
## 770	8322500	Jun	3
## 771	6813200	Jun	3
## 772	4853100	Jun	3
## 773	3841200	Jun	3
## 774	3040300	Jun	3
## 775	1922300	Jun	3
## 776	3986000	Jun	3
## 777	4788500	Jun	3
## 778	5020500	Jun	3
## 779	3554700	Jun	3
## 780	3070900	Jun	3
## 781	5151500	Jun	3
## 782	6199100	Jun	3
## 783	3573300	Jun	3
## 784	10516100	Jun	3
## 785	51838200	Jun	1
## 786	21076400	Jun	1
## 787	17638200	Jun	3
## 788	14874300	Jun	3
## 789	8986500	Jun	3
## 790	6451900	Jun	3
## 791	1762400	Jul	3
## 792	4213600	Jul	3
## 793	6767100	Jul	3
## 794	3870600	Jul	3
## 795	4240600	Jul	3
## 796	9896500	Jul	3
## 797	11265900	Jul	3
## 798	8597500	Jul	3
## 799	22436100	Jul	1
## 800	6530000	Jul	3
## 801	7958400	Jul	3
## 802	4743700	Jul	3
## 803	6945700	Jul	3
## 804	4712900	Jul	3
## 805	5778200	Jul	3
## 806	27752500	Jul	1
## 807	15547800	Jul	3

## 808	23579300	Jul	1
## 809	12447000	Jul	3
## 810	9478800	Jul	3
## 811	8156400	Aug	3
## 812	4952900	Aug	3
## 813	5144100	Aug	3
## 814	4871100	Aug	3
## 815	4403100	Aug	3
## 816	5050600	Aug	3
## 817	8874400	Aug	3
## 818	6073000	Aug	3
## 819	9116200	Aug	3
## 820	6217200	Aug	3
## 821	8497200	Aug	3
## 822	9833200	Aug	3
## 823	4974100	Aug	3
## 824	7371100	Aug	3
## 825	4037500	Aug	3
## 826	3508200	Aug	3
## 827	4721300	Aug	3
## 828	4719000	Aug	3
## 829	2708600	Aug	3
## 830	9178500	Aug	3
## 831	4521100	Aug	3
## 832	12919600	Aug	3
## 833	4616300	Aug	3
## 834	3347100	Sep	3
## 835	10168200	Sep	3
## 836	14263200	Sep	3
## 837	7406200	Sep	3
## 838	5088900	Sep	3
## 839	5447100	Sep	3
## 840	3821500	Sep	3
## 841	4085000	Sep	3
## 842	6963500	Sep	3
## 843	6180200	Sep	3
## 844	4445200	Sep	3
## 845	7230800	Sep	3
## 846	9744800	Sep	3
## 847	7425600	Sep	3
## 848	5996200	Sep	3
## 849	5459900	Sep	3
## 850	4260400	Sep	3
## 851	10030900	Sep	3
## 852	5857900	Sep	3
## 853	6517100	Sep	3
## 854	5477700	Oct	3
## 855	5379900	Oct	3
## 856	7841100	Oct	3
## 857	6966300	Oct	3

## 858	8871100	Oct	3
## 859	12727500	Oct	3
## 860	7265500	Oct	3
## 861	7889700	Oct	3
## 862	8032600	Oct	3
## 863	7633400	Oct	3
## 864	7147700	Oct	3
## 865	15140500	Oct	3
## 866	18788700	Oct	1
## 867	10874900	Oct	3
## 868	11621900	Oct	3
## 869	10199600	Oct	3
## 870	13676600	Oct	3
## 871	28572900	Oct	1
## 872	17825500	Oct	3
## 873	12370700	Oct	3
## 874	12510200	Oct	3
## 875	9919500	Oct	3
## 876	11099200	Nov	3
## 877	6989700	Nov	3
## 878	5962400	Nov	3
## 879	6444600	Nov	3
## 880	5495300	Nov	3
## 881	5835300	Nov	3
## 882	7169600	Nov	3
## 883	5255600	Nov	3
## 884	8377500	Nov	3
## 885	7837900	Nov	3
## 886	5263200	Nov	3
## 887	4134800	Nov	3
## 888	4996000	Nov	3
## 889	6438300	Nov	3
## 890	6197500	Nov	3
## 891	11877100	Nov	3
## 892	7639300	Nov	3
## 893	6411400	Nov	3
## 894	11327500	Nov	3
## 895	11463200	Nov	3
## 896	13123500	Nov	3
## 897	7757400	Dec	3
## 898	8255500	Dec	3
## 899	9969900	Dec	3
## 900	8825800	Dec	3
## 901	10647500	Dec	3
## 902	12969800	Dec	3
## 903	10904200	Dec	3
## 904	7306800	Dec	3
## 905	6281800	Dec	3
## 906	7020800	Dec	3
## 907	8713700	Dec	3

## 908	16035200	Dec	3
## 909	13218500	Dec	3
## 910	22050700	Dec	1
## 911	8851400	Dec	3
## 912	9387000	Dec	3
## 913	9012800	Dec	3
## 914	6598800	Dec	3
## 915	8455600	Dec	3
## 916	9849700	Dec	3
## 917	9203500	Jan	3
## 918	14680400	Jan	3
## 919	10620500	Jan	3
## 920	8798800	Jan	3
## 921	10444700	Jan	3
## 922	23455200	Jan	1
## 923	11002500	Jan	3
## 924	12756600	Jan	3
## 925	8434200	Jan	3
## 926	6017000	Jan	3
## 927	9166000	Jan	3
## 928	4115800	Jan	3
## 929	6177500	Jan	3
## 930	4398600	Jan	3
## 931	4744300	Jan	3
## 932	13848100	Jan	3
## 933	7066400	Jan	3
## 934	5094600	Jan	3
## 935	7713000	Jan	3
## 936	12273300	Jan	3
## 937	20475800	Jan	1
## 938	9468700	Feb	3
## 939	12101100	Feb	3
## 940	9189800	Feb	3
## 941	19075900	Feb	1
## 942	7567900	Feb	3
## 943	5295200	Feb	3
## 944	7454000	Feb	3
## 945	5295300	Feb	3
## 946	4795400	Feb	3
## 947	8123400	Feb	3
## 948	16384500	Feb	3
## 949	6490600	Feb	3
## 950	6589100	Feb	3
## 951	7552600	Feb	3
## 952	8249200	Feb	3
## 953	5149900	Feb	3
## 954	6229100	Feb	3
## 955	7732600	Feb	3
## 956	14629800	Feb	3
## 957	10996700	Mar	3

## 958	7545600	Mar	3
## 959	23500700	Mar	1
## 960	23191500	Mar	1
## 961	10644100	Mar	3
## 962	4957600	Mar	3
## 963	8856700	Mar	3
## 964	5716500	Mar	3
## 965	3330700	Mar	3
## 966	3124400	Mar	3
## 967	5824900	Mar	3
## 968	6984200	Mar	3
## 969	6774500	Mar	3
## 970	6294700	Mar	3
## 971	5506600	Mar	3
## 972	6594600	Mar	3
## 973	3754400	Mar	3
## 974	6850600	Mar	3
## 975	5603200	Mar	3
## 976	3386900	Mar	3
## 977	4638400	Mar	3
## 978	3558400	Mar	3
## 979	8803900	Apr	3
## 980	4865700	Apr	3
## 981	5708100	Apr	3
## 982	5424200	Apr	3
## 983	5281100	Apr	3
## 984	23405700	Apr	1
## 985	18860400	Apr	1
## 986	13421800	Apr	3
## 987	11530000	Apr	3
## 988	6310100	Apr	3
## 989	5073500	Apr	3
## 990	19555000	Apr	1
## 991	8742600	Apr	3
## 992	8522100	Apr	3
## 993	11689600	Apr	3
## 994	7082600	Apr	3
## 995	9317100	Apr	3
## 996	5960600	Apr	3
## 997	4446000	Apr	3
## 998	5780300	Apr	3
## 999	5107900	May	3
## 1000	7497200	May	3
## 1001	5010000	May	3
## 1002	6584500	May	3
## 1003	5083700	May	3
## 1004	7191500	May	3
## 1005	4671000	May	3
## 1006	5012600	May	3
## 1007	3486900	May	3

## 1008	6194200	May	3
## 1009	6131200	May	3
## 1010	7279000	May	3
## 1011	6755400	May	3
## 1012	5071800	May	3
## 1013	7232400	May	3
## 1014	7309000	May	3
## 1015	8926500	May	3
## 1016	5334900	May	3
## 1017	6928700	May	3
## 1018	9394900	May	3
## 1019	8851400	May	3
## 1020	9632000	May	3
## 1021	6468600	Jun	3
## 1022	6141000	Jun	3
## 1023	12758100	Jun	3
## 1024	9736100	Jun	3
## 1025	3445200	Jun	3
## 1026	2508300	Jun	3
## 1027	4971000	Jun	3
## 1028	4333700	Jun	3
## 1029	3784400	Jun	3
## 1030	5088300	Jun	3
## 1031	7671600	Jun	3
## 1032	5717100	Jun	3
## 1033	6109500	Jun	3
## 1034	10652300	Jun	3
## 1035	9777400	Jun	3
## 1036	6316700	Jun	3
## 1037	6947000	Jun	3
## 1038	6639500	Jun	3
## 1039	7624400	Jun	3
## 1040	5516700	Jun	3
## 1041	4489000	Jun	3
## 1042	6334500	Jul	3
## 1043	2701100	Jul	3
## 1044	12083200	Jul	3
## 1045	9091200	Jul	3
## 1046	8001000	Jul	3
## 1047	8642700	Jul	3
## 1048	5821800	Jul	3
## 1049	5976500	Jul	3
## 1050	6848300	Jul	3
## 1051	7315800	Jul	3
## 1052	3706200	Jul	3
## 1053	3673100	Jul	3
## 1054	5212800	Jul	3
## 1055	3735700	Jul	3
## 1056	8663900	Jul	3
## 1057	32572900	Jul	1

## 1058	12559700	Jul	3
## 1059	10502500	Jul	3
## 1060	9075900	Jul	3
## 1061	5181000	Jul	3
## 1062	4378900	Jul	3
## 1063	5510600	Aug	3
## 1064	3872500	Aug	3
## 1065	3084900	Aug	3
## 1066	2661800	Aug	3
## 1067	2560200	Aug	3
## 1068	3373400	Aug	3
## 1069	6049000	Aug	3
## 1070	9187300	Aug	3
## 1071	4831500	Aug	3
## 1072	4807100	Aug	3
## 1073	3358500	Aug	3
## 1074	6227100	Aug	3
## 1075	5360600	Aug	3
## 1076	3614000	Aug	3
## 1077	5138300	Aug	3
## 1078	4126200	Aug	3
## 1079	4000700	Aug	3
## 1080	3779900	Aug	3
## 1081	2618000	Aug	3
## 1082	3229100	Aug	3
## 1083	3803600	Aug	3
## 1084	5851400	Aug	3
## 1085	3641600	Aug	3
## 1086	4857700	Sep	3
## 1087	21073400	Sep	1
## 1088	7131600	Sep	3
## 1089	7122100	Sep	3
## 1090	5833600	Sep	3
## 1091	10573500	Sep	3
## 1092	6270900	Sep	3
## 1093	9436500	Sep	3
## 1094	8630900	Sep	3
## 1095	12866100	Sep	3
## 1096	5102700	Sep	3
## 1097	4863100	Sep	3
## 1098	7839100	Sep	3
## 1099	8275000	Sep	3
## 1100	6967200	Sep	3
## 1101	7994400	Oct	3
## 1102	5677700	Oct	3
## 1103	5323500	Oct	3
## 1104	6217200	Oct	3
## 1105	5900900	Oct	3
## 1106	3934400	Oct	3
## 1107	2766800	Oct	3

## 1108	3083000	Oct	3
## 1109	6665300	Oct	3
## 1110	3629600	Oct	3
## 1111	8601800	Oct	3
## 1112	8299600	Oct	3
## 1113	8944500	Oct	3
## 1114	4353300	Oct	3
## 1115	7007300	Oct	3
## 1116	4231000	Oct	3
## 1117	12226400	Oct	3
## 1118	26692400	Oct	1
## 1119	9267800	Oct	3
## 1120	6107100	Oct	3
## 1121	5161800	Oct	3
## 1122	10055500	Oct	3
## 1123	7741500	Oct	3
## 1124	5053500	Nov	3
## 1125	3697100	Nov	3
## 1126	6287800	Nov	3
## 1127	5607800	Nov	3
## 1128	9715600	Nov	3
## 1129	9489700	Nov	3
## 1130	4400400	Nov	3
## 1131	3827300	Nov	3
## 1132	6136300	Nov	3
## 1133	29529800	Nov	1
## 1134	20948200	Nov	1
## 1135	13062000	Nov	3
## 1136	10011400	Nov	3
## 1137	7452000	Nov	3
## 1138	8996600	Nov	3
## 1139	4072800	Nov	3
## 1140	50689200	Nov	1
## 1141	34308800	Nov	1
## 1142	48516200	Nov	1
## 1143	20274000	Nov	1
## 1144	8888800	Nov	3
## 1145	9525900	Dec	3
## 1146	14499700	Dec	3
## 1147	23912200	Dec	1
## 1148	12484600	Dec	3
## 1149	7088000	Dec	3
## 1150	8515900	Dec	3
## 1151	14134000	Dec	3
## 1152	8075100	Dec	3
## 1153	7874100	Dec	3
## 1154	10024600	Dec	3
## 1155	8599300	Dec	3
## 1156	7354200	Dec	3
## 1157	7003700	Dec	3

## 1158	7851200	Dec	3
## 1159	13944900	Dec	3
## 1160	6236900	Dec	3
## 1161	18198500	Dec	3
## 1162	10840100	Dec	3
## 1163	10257900	Dec	3
## 1164	6034700	Dec	3
## 1165	6519600	Jan	3
## 1166	10875700	Jan	3
## 1167	12687300	Jan	3
## 1168	12182900	Jan	3
## 1169	6041100	Jan	3
## 1170	10879600	Jan	3
## 1171	8125900	Jan	3
## 1172	4276800	Jan	3
## 1173	5973300	Jan	3
## 1174	5092300	Jan	3
## 1175	15039900	Jan	3
## 1176	16630700	Jan	3
## 1177	11493500	Jan	3
## 1178	56645900	Jan	1
## 1179	18031600	Jan	3
## 1180	23468600	Jan	1
## 1181	30276500	Jan	1
## 1182	23016000	Jan	1
## 1183	20244900	Jan	1
## 1184	14751800	Jan	3
## 1185	10485300	Jan	3
## 1186	7801400	Feb	3
## 1187	19135800	Feb	1
## 1188	14315700	Feb	3
## 1189	8859400	Feb	3
## 1190	7172400	Feb	3
## 1191	6085600	Feb	3
## 1192	9469700	Feb	3
## 1193	7463400	Feb	3
## 1194	6040800	Feb	3
## 1195	9281500	Feb	3
## 1196	7265400	Feb	3
## 1197	8291900	Feb	3
## 1198	8016100	Feb	3
## 1199	8276200	Feb	3
## 1200	7865400	Feb	3
## 1201	5734700	Feb	3
## 1202	8310500	Feb	3
## 1203	8550600	Feb	3
## 1204	6052400	Feb	3
## 1205	9839200	Mar	3
## 1206	13928200	Mar	3
## 1207	8809700	Mar	3

## 1208	14262700	Mar	3
## 1209	9272300	Mar	3
## 1210	9434800	Mar	3
## 1211	6624700	Mar	3
## 1212	5619100	Mar	3
## 1213	5559400	Mar	3
## 1214	15169300	Mar	3
## 1215	12320700	Mar	3
## 1216	9831800	Mar	3
## 1217	4893700	Mar	3
## 1218	7179300	Mar	3
## 1219	5577900	Mar	3
## 1220	5185000	Mar	3
## 1221	5116100	Mar	3
## 1222	4925100	Mar	3
## 1223	8146300	Mar	3
## 1224	3122500	Mar	3
## 1225	4767900	Apr	3
## 1226	4771400	Apr	3
## 1227	4534100	Apr	3
## 1228	5731700	Apr	3
## 1229	4500000	Apr	3
## 1230	5277800	Apr	3
## 1231	6459000	Apr	3
## 1232	5256700	Apr	3
## 1233	5957600	Apr	3
## 1234	5379100	Apr	3
## 1235	4753700	Apr	3
## 1236	3681000	Apr	3
## 1237	7756100	Apr	3
## 1238	3876400	Apr	3
## 1239	3727600	Apr	3
## 1240	5290300	Apr	3
## 1241	8076900	Apr	3
## 1242	34459400	Apr	1
## 1243	11730200	Apr	3
## 1244	8135700	Apr	3
## 1245	8415200	Apr	3
## 1246	6420800	Apr	3
## 1247	7701300	May	3
## 1248	4819000	May	3
## 1249	5161000	May	3
## 1250	5352600	May	3
## 1251	5543700	May	3
## 1252	7888400	May	3
## 1253	11002300	May	3
## 1254	7572800	May	3
## 1255	6700100	May	3
## 1256	14659700	May	3
## 1257	12898100	May	3

## 1258	7815700	May	3
## 1259	6446900	May	3
## 1260	8460800	May	3
## 1261	7763500	May	3
## 1262	5075200	May	3
## 1263	5648200	May	3
## 1264	4250300	May	3
## 1265	3953300	May	3
## 1266	3614100	May	3
## 1267	7432100	May	3
## 1268	5081400	May	3
## 1269	3716400	Jun	3
## 1270	6849700	Jun	3
## 1271	4372500	Jun	3
## 1272	5250000	Jun	3
## 1273	5358000	Jun	3
## 1274	11082400	Jun	3
## 1275	5520800	Jun	3
## 1276	7331200	Jun	3
## 1277	4892900	Jun	3
## 1278	7973200	Jun	3
## 1279	9051600	Jun	3
## 1280	7962100	Jun	3
## 1281	7420300	Jun	3
## 1282	8697000	Jun	3
## 1283	5176800	Jun	3
## 1284	5956800	Jun	3
## 1285	15304000	Jun	3
## 1286	8272200	Jun	3
## 1287	6192000	Jun	3
## 1288	6237900	Jun	3
## 1289	13536500	Jul	3
## 1290	8669900	Jul	3
## 1291	7703700	Jul	3
## 1292	3366900	Jul	3
## 1293	5890000	Jul	3
## 1294	7528600	Jul	3
## 1295	6761200	Jul	3
## 1296	7317100	Jul	3
## 1297	7000000	Jul	3
## 1298	6026100	Jul	3
## 1299	10790700	Jul	3
## 1300	7322100	Jul	3
## 1301	6856700	Jul	3
## 1302	6105800	Jul	3
## 1303	9332900	Jul	3
## 1304	11291400	Jul	3
## 1305	19766300	Jul	1
## 1306	9360200	Jul	3
## 1307	5556700	Jul	3

## 1308	7049500	Jul	3
## 1309	5558900	Jul	3
## 1310	3801000	Jul	3
## 1311	6066800	Aug	3
## 1312	4178600	Aug	3
## 1313	3857300	Aug	3
## 1314	4701900	Aug	3
## 1315	5555700	Aug	3
## 1316	5470800	Aug	3
## 1317	4777900	Aug	3
## 1318	3503300	Aug	3
## 1319	5234400	Aug	3
## 1320	6935200	Aug	3
## 1321	5046600	Aug	3
## 1322	3652100	Aug	3
## 1323	4277100	Aug	3
## 1324	7701300	Aug	3
## 1325	7284200	Aug	3
## 1326	6854100	Aug	3
## 1327	5038800	Aug	3
## 1328	6409600	Aug	3
## 1329	3578900	Aug	3
## 1330	4985500	Aug	3
## 1331	6791800	Aug	3
## 1332	3439700	Aug	3
## 1333	4680200	Sep	3
## 1334	4430400	Sep	3
## 1335	5320200	Sep	3
## 1336	4995300	Sep	3
## 1337	8822500	Sep	3
## 1338	11248800	Sep	3
## 1339	6663200	Sep	3
## 1340	7065100	Sep	3
## 1341	3654900	Sep	3
## 1342	2962500	Sep	3
## 1343	8621200	Sep	3
## 1344	8391000	Sep	3
## 1345	4841100	Sep	3
## 1346	12605600	Sep	3
## 1347	7404500	Sep	3
## 1348	7072900	Sep	3
## 1349	9339000	Sep	3
## 1350	11635000	Sep	3
## 1351	7033700	Sep	3
## 1352	9239900	Sep	3
## 1353	9217300	Oct	3
## 1354	8223600	Oct	3
## 1355	6354100	Oct	3
## 1356	7649400	Oct	3
## 1357	5748100	Oct	3

## 1358	6098000	Oct	3
## 1359	6083500	Oct	3
## 1360	10528600	Oct	3
## 1361	9628500	Oct	3
## 1362	9872400	Oct	3
## 1363	14009200	Oct	3
## 1364	8742100	Oct	3
## 1365	14180900	Oct	3
## 1366	6568300	Oct	3
## 1367	6757700	Oct	3
## 1368	8645700	Oct	3
## 1369	6648100	Oct	3
## 1370	12929900	Oct	3
## 1371	15900000	Oct	3
## 1372	8799800	Oct	3
## 1373	7242000	Oct	3
## 1374	6888800	Oct	3
## 1375	6822600	Oct	3
## 1376	5549400	Nov	3
## 1377	12963500	Nov	3
## 1378	7942400	Nov	3
## 1379	7973400	Nov	3
## 1380	6419700	Nov	3
## 1381	7032100	Nov	3
## 1382	5749600	Nov	3
## 1383	10462200	Nov	3
## 1384	18206200	Nov	3
## 1385	13177300	Nov	3
## 1386	12258400	Nov	3
## 1387	25333500	Nov	1
## 1388	12258900	Nov	3
## 1389	13294400	Nov	3
## 1390	11288500	Nov	3
## 1391	11686600	Nov	3
## 1392	10091100	Nov	3
## 1393	6405800	Nov	3
## 1394	5666000	Nov	3
## 1395	2577300	Nov	3
## 1396	11152500	Dec	3
## 1397	5901100	Dec	3
## 1398	7878900	Dec	3
## 1399	10642600	Dec	3
## 1400	9393500	Dec	3
## 1401	7454700	Dec	3
## 1402	7093700	Dec	3
## 1403	6387300	Dec	3
## 1404	5977500	Dec	3
## 1405	3859200	Dec	3
## 1406	4940700	Dec	3
## 1407	3419500	Dec	3

## 1408	3992800	Dec	3
## 1409	5814400	Dec	3
## 1410	4935300	Dec	3
## 1411	4424500	Dec	3
## 1412	2348600	Dec	3
## 1413	14199300	Dec	3
## 1414	21972800	Dec	1
## 1415	8284700	Dec	3
## 1416	5537000	Dec	3
## 1417	6484000	Jan	3
## 1418	8757000	Jan	3
## 1419	7698100	Jan	3
## 1420	9568200	Jan	3
## 1421	6981500	Jan	3
## 1422	6154800	Jan	3
## 1423	7579300	Jan	3
## 1424	7121300	Jan	3
## 1425	7048800	Jan	3
## 1426	6989400	Jan	3
## 1427	7911600	Jan	3
## 1428	5786200	Jan	3
## 1429	6293100	Jan	3
## 1430	6683600	Jan	3
## 1431	10998000	Jan	3
## 1432	21681800	Jan	1
## 1433	8207000	Jan	3
## 1434	7968400	Jan	3
## 1435	7056900	Jan	3
## 1436	5965700	Jan	3
## 1437	6262500	Jan	3
## 1438	5195500	Feb	3
## 1439	4817600	Feb	3
## 1440	5343100	Feb	3
## 1441	4037700	Feb	3
## 1442	6942900	Feb	3
## 1443	8096500	Feb	3
## 1444	6679000	Feb	3
## 1445	5433900	Feb	3
## 1446	11576800	Feb	3
## 1447	6625300	Feb	3
## 1448	7899900	Feb	3
## 1449	5470800	Feb	3
## 1450	4169800	Feb	3
## 1451	7207800	Feb	3
## 1452	6936600	Feb	3
## 1453	5624000	Feb	3
## 1454	4121300	Feb	3
## 1455	5076300	Feb	3
## 1456	4687100	Feb	3
## 1457	4480300	Mar	3

## 1458	5434300	Mar	3
## 1459	5160400	Mar	3
## 1460	5427400	Mar	3
## 1461	5848400	Mar	3
## 1462	4406000	Mar	3
## 1463	4034100	Mar	3
## 1464	5573100	Mar	3
## 1465	11208900	Mar	3
## 1466	8907800	Mar	3
## 1467	15124900	Mar	3
## 1468	8749800	Mar	3
## 1469	8481000	Mar	3
## 1470	9376200	Mar	3
## 1471	10657700	Mar	3
## 1472	10340500	Mar	3
## 1473	7213200	Mar	3
## 1474	7375700	Mar	3
## 1475	10642100	Mar	3
## 1476	6437000	Mar	3
## 1477	9214800	Mar	3
## 1478	9774000	Apr	3
## 1479	6623000	Apr	3
## 1480	7324400	Apr	3
## 1481	6072800	Apr	3
## 1482	7230400	Apr	3
## 1483	5403600	Apr	3
## 1484	11958900	Apr	3
## 1485	9311200	Apr	3
## 1486	6899000	Apr	3
## 1487	10417100	Apr	3
## 1488	6341400	Apr	3
## 1489	9294500	Apr	3
## 1490	6789900	Apr	3
## 1491	7132300	Apr	3
## 1492	6868600	Apr	3
## 1493	8850100	Apr	3
## 1494	17603300	Apr	3
## 1495	39972400	Apr	1
## 1496	15801000	Apr	3
## 1497	10526400	Apr	3
## 1498	9450000	Apr	3
## 1499	7689200	May	3
## 1500	9884400	May	3
## 1501	11136300	May	3
## 1502	13962400	May	3
## 1503	10351800	May	3
## 1504	8513500	May	3
## 1505	5981700	May	3
## 1506	7246900	May	3
## 1507	15844500	May	3

## 1508	7993200	May	3
## 1509	5192300	May	3
## 1510	7644100	May	3
## 1511	9763500	May	3
## 1512	8066200	May	3
## 1513	5200300	May	3
## 1514	8489900	May	3
## 1515	7063200	May	3
## 1516	12225400	May	3
## 1517	9053100	May	3
## 1518	9341600	May	3
## 1519	10190300	May	3
## 1520	9552700	Jun	3
## 1521	10095900	Jun	3
## 1522	9333400	Jun	3
## 1523	7193700	Jun	3
## 1524	11380900	Jun	3
## 1525	8438400	Jun	3
## 1526	9663600	Jun	3
## 1527	7746400	Jun	3
## 1528	7032500	Jun	3
## 1529	6011800	Jun	3
## 1530	7127900	Jun	3
## 1531	8249900	Jun	3
## 1532	11206800	Jun	3
## 1533	5988100	Jun	3
## 1534	7012500	Jun	3
## 1535	8407300	Jun	3
## 1536	8177200	Jun	3
## 1537	6659000	Jun	3
## 1538	10292400	Jun	3
## 1539	6756500	Jun	3
## 1540	5143900	Jun	3
## 1541	7242800	Jul	3
## 1542	6086100	Jul	3
## 1543	3846000	Jul	3
## 1544	6697300	Jul	3
## 1545	12145400	Jul	3
## 1546	7832200	Jul	3
## 1547	8825600	Jul	3
## 1548	11559900	Jul	3
## 1549	8690300	Jul	3
## 1550	5851500	Jul	3
## 1551	5625600	Jul	3
## 1552	7642000	Jul	3
## 1553	13402900	Jul	3
## 1554	9825700	Jul	3
## 1555	15896800	Jul	3
## 1556	32178100	Jul	1
## 1557	23828000	Jul	1

## 1558	10647600	Jul	3
## 1559	7453200	Jul	3
## 1560	7825500	Jul	3
## 1561	7166300	Jul	3
## 1562	8970700	Jul	3
## 1563	8805200	Aug	3
## 1564	7054400	Aug	3
## 1565	6816200	Aug	3
## 1566	9192600	Aug	3
## 1567	6395500	Aug	3
## 1568	4810900	Aug	3
## 1569	5239100	Aug	3
## 1570	6128500	Aug	3
## 1571	7154500	Aug	3
## 1572	4850300	Aug	3
## 1573	2486500	Aug	3
## 1574	11174200	Aug	3
## 1575	10489300	Aug	3
## 1576	6724700	Aug	3
## 1577	11592500	Aug	3
## 1578	10473300	Aug	3
## 1579	7103500	Aug	3
## 1580	6542400	Aug	3
## 1581	4539400	Aug	3
## 1582	6987500	Aug	3
## 1583	6158400	Aug	3
## 1584	9459400	Sep	3
## 1585	10697900	Sep	3
## 1586	10255000	Sep	3
## 1587	8102900	Sep	3
## 1588	7408200	Sep	3
## 1589	8100800	Sep	3
## 1590	8002900	Sep	3
## 1591	11613100	Sep	3
## 1592	6750100	Sep	3
## 1593	4427000	Sep	3
## 1594	7755200	Sep	3
## 1595	7334100	Sep	3
## 1596	9038500	Sep	3
## 1597	6249500	Sep	3
## 1598	9240000	Sep	3
## 1599	20295900	Sep	1
## 1600	15330200	Sep	3
## 1601	11033300	Sep	3
## 1602	13438500	Sep	3
## 1603	9039300	Sep	3
## 1604	9264600	Sep	3
## 1605	12563800	Oct	3
## 1606	8219900	Oct	3
## 1607	14175600	Oct	3

## 1608	7773100	Oct	3
## 1609	20299900	Oct	1
## 1610	13558000	Oct	3
## 1611	21606900	Oct	1
## 1612	11435400	Oct	3
## 1613	8329000	Oct	3
## 1614	9986600	Oct	3
## 1615	10228900	Oct	3
## 1616	10211100	Oct	3
## 1617	11932900	Oct	3
## 1618	11086100	Oct	3
## 1619	17114900	Oct	3
## 1620	32701900	Oct	1
## 1621	14611700	Oct	3
## 1622	10438200	Oct	3
## 1623	6391900	Oct	3
## 1624	9230900	Oct	3
## 1625	8776500	Oct	3
## 1626	9825400	Oct	3
## 1627	7726700	Oct	3
## 1628	9131100	Nov	3
## 1629	7009500	Nov	3
## 1630	5307400	Nov	3
## 1631	8791800	Nov	3
## 1632	8500400	Nov	3
## 1633	9120500	Nov	3
## 1634	10920100	Nov	3
## 1635	9259300	Nov	3
## 1636	7073000	Nov	3
## 1637	8365300	Nov	3
## 1638	12996900	Nov	3
## 1639	12600200	Nov	3
## 1640	14079000	Nov	3
## 1641	12337600	Nov	3
## 1642	9193400	Nov	3
## 1643	10631500	Nov	3
## 1644	13771300	Nov	3
## 1645	8907700	Nov	3
## 1646	3983000	Nov	3
## 1647	11522800	Dec	3
## 1648	6237900	Dec	3
## 1649	11570800	Dec	3
## 1650	10216200	Dec	3
## 1651	7501500	Dec	3
## 1652	8376400	Dec	3
## 1653	10460500	Dec	3
## 1654	9254600	Dec	3
## 1655	9405500	Dec	3
## 1656	6190600	Dec	3
## 1657	9676800	Dec	3

## 1658	10549800	Dec	3
## 1659	13856800	Dec	3
## 1660	10750700	Dec	3
## 1661	8045900	Dec	3
## 1662	7799700	Dec	3
## 1663	11004000	Dec	3
## 1664	5659800	Dec	3
## 1665	7078400	Dec	3
## 1666	8056900	Dec	3
## 1667	5152400	Dec	3
## 1668	5307200	Dec	3
## 1669	6639900	Jan	3
## 1670	11284100	Jan	3
## 1671	5985500	Jan	3
## 1672	9242700	Jan	3
## 1673	10320300	Jan	3
## 1674	12779200	Jan	3
## 1675	9450900	Jan	3
## 1676	14522300	Jan	3
## 1677	11134100	Jan	3
## 1678	12217300	Jan	3
## 1679	9114200	Jan	3
## 1680	7748400	Jan	3
## 1681	6783600	Jan	3
## 1682	10672200	Jan	3
## 1683	6039000	Jan	3
## 1684	5566000	Jan	3
## 1685	12964100	Jan	3
## 1686	21581300	Jan	1
## 1687	22485100	Jan	1
## 1688	11404500	Jan	3
## 1689	11588900	Feb	3
## 1690	27071400	Feb	1
## 1691	21600700	Feb	1
## 1692	13189500	Feb	3
## 1693	6508100	Feb	3
## 1694	6146100	Feb	3
## 1695	4949000	Feb	3
## 1696	7881700	Feb	3
## 1697	6757200	Feb	3
## 1698	5431700	Feb	3
## 1699	11038200	Feb	3
## 1700	7953500	Feb	3
## 1701	7442500	Feb	3
## 1702	7475300	Feb	3
## 1703	9341900	Feb	3
## 1704	11095300	Feb	3
## 1705	7152800	Feb	3
## 1706	5960300	Feb	3
## 1707	7163600	Feb	3

## 1708	4959500	Mar	3
## 1709	6966600	Mar	3
## 1710	9601600	Mar	3
## 1711	7380100	Mar	3
## 1712	6426500	Mar	3
## 1713	6608500	Mar	3
## 1714	6593100	Mar	3
## 1715	6932700	Mar	3
## 1716	7042600	Mar	3
## 1717	6223800	Mar	3
## 1718	6612200	Mar	3
## 1719	6218200	Mar	3
## 1720	5107300	Mar	3
## 1721	5724300	Mar	3
## 1722	5754900	Mar	3
## 1723	8975100	Mar	3
## 1724	11225700	Mar	3
## 1725	7875900	Mar	3
## 1726	7112700	Mar	3
## 1727	5740400	Mar	3
## 1728	5561000	Mar	3
## 1729	5452900	Mar	3
## 1730	4674900	Mar	3
## 1731	6508500	Apr	3
## 1732	8148100	Apr	3
## 1733	5939100	Apr	3
## 1734	5916300	Apr	3
## 1735	4550600	Apr	3
## 1736	8879700	Apr	3
## 1737	4345900	Apr	3
## 1738	5724400	Apr	3
## 1739	6144100	Apr	3
## 1740	5603500	Apr	3
## 1741	8393500	Apr	3
## 1742	5352500	Apr	3
## 1743	9376100	Apr	3
## 1744	6054200	Apr	3
## 1745	15798200	Apr	3
## 1746	14599400	Apr	3
## 1747	7314200	Apr	3
## 1748	8983700	Apr	3
## 1749	6127600	Apr	3
## 1750	9035700	Apr	3
## 1751	9841300	Apr	3
## 1752	6923400	May	3
## 1753	7288900	May	3
## 1754	4890500	May	3
## 1755	7818400	May	3
## 1756	9292600	May	3
## 1757	10209000	May	3

## 1758	7595600	May	3
## 1759	7486200	May	3
## 1760	8261200	May	3
## 1761	5126600	May	3
## 1762	6625700	May	3
## 1763	5602000	May	3
## 1764	7379400	May	3
## 1765	5926300	May	3
## 1766	5272900	May	3
## 1767	5073900	May	3
## 1768	7222000	May	3
## 1769	7397600	May	3
## 1770	14175200	May	3
## 1771	10629100	May	3
## 1772	12940300	Jun	3
## 1773	12473500	Jun	3
## 1774	8341400	Jun	3
## 1775	12585600	Jun	3
## 1776	7688000	Jun	3
## 1777	5994700	Jun	3
## 1778	6579400	Jun	3
## 1779	7209000	Jun	3
## 1780	5180900	Jun	3
## 1781	6912500	Jun	3
## 1782	4097600	Jun	3
## 1783	5875500	Jun	3
## 1784	4416700	Jun	3
## 1785	4490300	Jun	3
## 1786	8120500	Jun	3
## 1787	7594700	Jun	3
## 1788	6760100	Jun	3
## 1789	6998100	Jun	3
## 1790	11503900	Jun	3
## 1791	8589400	Jun	3
## 1792	6899100	Jun	3
## 1793	7211900	Jul	3
## 1794	4862400	Jul	3
## 1795	6156900	Jul	3
## 1796	6515600	Jul	3
## 1797	10033900	Jul	3
## 1798	8033500	Jul	3
## 1799	7066900	Jul	3
## 1800	4908800	Jul	3
## 1801	5065600	Jul	3
## 1802	5244100	Jul	3
## 1803	9286900	Jul	3
## 1804	9847100	Jul	3
## 1805	7626300	Jul	3
## 1806	9336500	Jul	3
## 1807	16391000	Jul	3

## 1808	35927200	Jul	1
## 1809	13972400	Jul	3
## 1810	10534900	Jul	3
## 1811	10183600	Jul	3
## 1812	8200000	Jul	3
## 1813	6031500	Jul	3
## 1814	5912200	Aug	3
## 1815	7785600	Aug	3
## 1816	9765600	Aug	3
## 1817	8402400	Aug	3
## 1818	11513100	Aug	3
## 1819	9167200	Aug	3
## 1820	10070400	Aug	3
## 1821	9448100	Aug	3
## 1822	9118100	Aug	3
## 1823	4981100	Aug	3
## 1824	8164300	Aug	3
## 1825	11163000	Aug	3
## 1826	9549800	Aug	3
## 1827	12696100	Aug	3
## 1828	6790800	Aug	3
## 1829	5532600	Aug	3
## 1830	7640400	Aug	3
## 1831	7254800	Aug	3
## 1832	6971700	Aug	3
## 1833	4240400	Aug	3
## 1834	7711500	Aug	3
## 1835	6143200	Aug	3
## 1836	5252500	Sep	3
## 1837	5722300	Sep	3
## 1838	5228900	Sep	3
## 1839	5833000	Sep	3
## 1840	6611300	Sep	3
## 1841	6956700	Sep	3
## 1842	4634500	Sep	3
## 1843	8065200	Sep	3
## 1844	15872100	Sep	3
## 1845	11135800	Sep	3
## 1846	11596600	Sep	3
## 1847	7884200	Sep	3
## 1848	9222400	Sep	3
## 1849	6695500	Sep	3
## 1850	12216800	Sep	3
## 1851	7411000	Sep	3
## 1852	6205700	Sep	3
## 1853	8397400	Sep	3
## 1854	11902900	Sep	3
## 1855	9918800	Sep	3
## 1856	9413300	Sep	3
## 1857	11268900	Oct	3

## 1858	8792600	Oct	3
## 1859	5134000	Oct	3
## 1860	5128100	Oct	3
## 1861	9394400	Oct	3
## 1862	8546200	Oct	3
## 1863	7928300	Oct	3
## 1864	6421000	Oct	3
## 1865	9220200	Oct	3
## 1866	9026200	Oct	3
## 1867	8205600	Oct	3
## 1868	8093200	Oct	3
## 1869	8802600	Oct	3
## 1870	6798500	Oct	3
## 1871	19217100	Oct	1
## 1872	33544300	Oct	1
## 1873	10531800	Oct	3
## 1874	9742500	Oct	3
## 1875	9060700	Oct	3
## 1876	7220600	Oct	3
## 1877	6491600	Oct	3
## 1878	6181300	Nov	3
## 1879	11332500	Nov	3
## 1880	10208200	Nov	3
## 1881	7600300	Nov	3
## 1882	7399100	Nov	3
## 1883	6886500	Nov	3
## 1884	6479900	Nov	3
## 1885	10655200	Nov	3
## 1886	6835000	Nov	3
## 1887	11596000	Nov	3
## 1888	10366200	Nov	3
## 1889	6401300	Nov	3
## 1890	6843600	Nov	3
## 1891	6806800	Nov	3
## 1892	11427500	Nov	3
## 1893	8868600	Nov	3
## 1894	7405600	Nov	3
## 1895	5940900	Nov	3
## 1896	2337700	Nov	3
## 1897	9874100	Nov	3
## 1898	7028600	Nov	3
## 1899	7756000	Dec	3
## 1900	6600900	Dec	3
## 1901	8247700	Dec	3
## 1902	6088000	Dec	3
## 1903	7093400	Dec	3
## 1904	6421700	Dec	3
## 1905	7446700	Dec	3
## 1906	5510700	Dec	3
## 1907	6052100	Dec	3

## 1908	5251500	Dec	3
## 1909	6674200	Dec	3
## 1910	5414900	Dec	3
## 1911	5486000	Dec	3
## 1912	7215700	Dec	3
## 1913	5229400	Dec	3
## 1914	5276300	Dec	3
## 1915	3206800	Dec	3
## 1916	22289200	Dec	1
## 1917	25237800	Dec	1
## 1918	11759200	Dec	3
## 1919	6965900	Dec	3
## 1920	4790700	Dec	3
## 1921	10446500	Jan	3
## 1922	19418500	Jan	1
## 1923	8354200	Jan	3
## 1924	8700900	Jan	3
## 1925	9836600	Jan	3
## 1926	7347900	Jan	3
## 1927	7920300	Jan	3
## 1928	8072300	Jan	3
## 1929	17393600	Jan	3
## 1930	12533000	Jan	3
## 1931	7131600	Jan	3
## 1932	7396700	Jan	3
## 1933	12830600	Jan	3
## 1934	10602700	Jan	3
## 1935	9695900	Jan	3
## 1936	9027900	Jan	3
## 1937	7714900	Jan	3
## 1938	8038400	Jan	3
## 1939	6152400	Jan	3
## 1940	6320300	Jan	3
## 1941	6761500	Feb	3
## 1942	26323600	Feb	1
## 1943	60518600	Feb	1
## 1944	17304700	Feb	3
## 1945	7112400	Feb	3
## 1946	9602500	Feb	3
## 1947	7938800	Feb	3
## 1948	7982400	Feb	3
## 1949	7841700	Feb	3
## 1950	6983100	Feb	3
## 1951	5177700	Feb	3
## 1952	5229800	Feb	3
## 1953	5298100	Feb	3
## 1954	4529700	Feb	3
## 1955	6855700	Feb	3
## 1956	10500400	Feb	3
## 1957	8389200	Feb	3

## 1958	5882300	Feb	3
## 1959	8422900	Feb	3
## 1960	5819000	Mar	3
## 1961	4871700	Mar	3
## 1962	5025600	Mar	3
## 1963	5545700	Mar	3
## 1964	3585900	Mar	3
## 1965	4792900	Mar	3
## 1966	7412300	Mar	3
## 1967	5872300	Mar	3
## 1968	8010300	Mar	3
## 1969	5433500	Mar	3
## 1970	5070600	Mar	3
## 1971	5370000	Mar	3
## 1972	4858000	Mar	3
## 1973	5294700	Mar	3
## 1974	6084400	Mar	3
## 1975	5490700	Mar	3
## 1976	6323700	Mar	3
## 1977	5337300	Mar	3
## 1978	4326600	Mar	3
## 1979	6137300	Mar	3
## 1980	5349800	Mar	3
## 1981	3554300	Mar	3
## 1982	5018400	Apr	3
## 1983	7342200	Apr	3
## 1984	4933000	Apr	3
## 1985	5276100	Apr	3
## 1986	3807300	Apr	3
## 1987	3013000	Apr	3
## 1988	3253100	Apr	3
## 1989	6197200	Apr	3
## 1990	4125100	Apr	3
## 1991	4178400	Apr	3
## 1992	5985000	Apr	3
## 1993	6917000	Apr	3
## 1994	6619400	Apr	3
## 1995	9215500	Apr	3
## 1996	7694700	Apr	3
## 1997	6392000	Apr	3
## 1998	4245400	Apr	3
## 1999	13969300	Apr	3
## 2000	29312900	Apr	1
## 2001	14472800	Apr	3
## 2002	10523500	Apr	3
## 2003	9098000	May	3
## 2004	6777900	May	3
## 2005	7756600	May	3
## 2006	4616900	May	3
## 2007	6713500	May	3

## 2008	4431600	May	3
## 2009	5475000	May	3
## 2010	6048000	May	3
## 2011	6005000	May	3
## 2012	3991800	May	3
## 2013	4280700	May	3
## 2014	3315700	May	3
## 2015	9557500	May	3
## 2016	5343500	May	3
## 2017	5042800	May	3
## 2018	5701400	May	3
## 2019	5914600	May	3
## 2020	3872900	May	3
## 2021	4787100	May	3
## 2022	3287100	May	3
## 2023	4930200	May	3
## 2024	10320200	Jun	3
## 2025	4768300	Jun	3
## 2026	4835900	Jun	3
## 2027	3881500	Jun	3
## 2028	4884800	Jun	3
## 2029	5314100	Jun	3
## 2030	3872500	Jun	3
## 2031	3467500	Jun	3
## 2032	3912000	Jun	3
## 2033	3634400	Jun	3
## 2034	5151800	Jun	3
## 2035	4205500	Jun	3
## 2036	4826100	Jun	3
## 2037	5097300	Jun	3
## 2038	4457100	Jun	3
## 2039	2507300	Jun	3
## 2040	5302200	Jun	3
## 2041	3675500	Jun	3
## 2042	4556300	Jun	3
## 2043	7034300	Jun	3
## 2044	4813300	Jun	3
## 2045	5715700	Jun	3
## 2046	2932700	Jul	3
## 2047	7383800	Jul	3
## 2048	4397200	Jul	3
## 2049	4242900	Jul	3
## 2050	4257000	Jul	3
## 2051	5166000	Jul	3
## 2052	5877200	Jul	3
## 2053	3201800	Jul	3
## 2054	5863300	Jul	3
## 2055	5209000	Jul	3
## 2056	2973300	Jul	3
## 2057	5840600	Jul	3

## 2058	6368400	Jul	3
## 2059	11055600	Jul	3
## 2060	5871100	Jul	3
## 2061	5470000	Jul	3
## 2062	14782300	Jul	3
## 2063	46075600	Jul	1
## 2064	25141500	Jul	1
## 2065	10491800	Jul	3
## 2066	7127200	Aug	3
## 2067	10836400	Aug	3
## 2068	4832500	Aug	3
## 2069	4977200	Aug	3
## 2070	4951500	Aug	3
## 2071	4454900	Aug	3
## 2072	4591200	Aug	3
## 2073	9921200	Aug	3
## 2074	5842200	Aug	3
## 2075	6474100	Aug	3
## 2076	5525100	Aug	3
## 2077	3625100	Aug	3
## 2078	3050400	Aug	3
## 2079	3604300	Aug	3
## 2080	3323900	Aug	3
## 2081	5374100	Aug	3
## 2082	3517700	Aug	3
## 2083	5871900	Aug	3
## 2084	3092200	Aug	3
## 2085	2860700	Aug	3
## 2086	3653900	Aug	3
## 2087	3874200	Aug	3
## 2088	3369200	Aug	3
## 2089	4429000	Sep	3
## 2090	4027100	Sep	3
## 2091	7939800	Sep	3
## 2092	6141500	Sep	3
## 2093	3884200	Sep	3
## 2094	3288700	Sep	3
## 2095	8779400	Sep	3
## 2096	4505200	Sep	3
## 2097	6318000	Sep	3
## 2098	4587900	Sep	3
## 2099	4111700	Sep	3
## 2100	3440300	Sep	3
## 2101	3472000	Sep	3
## 2102	5313800	Sep	3
## 2103	5838000	Sep	3
## 2104	3145400	Sep	3
## 2105	5616400	Sep	3
## 2106	4173500	Sep	3
## 2107	3239700	Sep	3

## 2108	6392800	Sep	3
## 2109	6056000	Sep	3
## 2110	5829200	Oct	3
## 2111	6521500	Oct	3
## 2112	6452700	Oct	3
## 2113	6192900	Oct	3
## 2114	3392500	Oct	3
## 2115	3680300	Oct	3
## 2116	5301800	Oct	3
## 2117	5704200	Oct	3
## 2118	3832800	Oct	3
## 2119	4577600	Oct	3
## 2120	5225000	Oct	3
## 2121	4457700	Oct	3
## 2122	6528500	Oct	3
## 2123	5929200	Oct	3
## 2124	4624800	Oct	3
## 2125	5475900	Oct	3
## 2126	11438700	Oct	3
## 2127	30104700	Oct	1
## 2128	8770300	Oct	3
## 2129	6159200	Oct	3
## 2130	6780600	Oct	3
## 2131	5383000	Nov	3
## 2132	4861800	Nov	3
## 2133	7000000	Nov	3
## 2134	4445400	Nov	3
## 2135	3386100	Nov	3
## 2136	4950800	Nov	3
## 2137	3471600	Nov	3
## 2138	5585500	Nov	3
## 2139	3982200	Nov	3
## 2140	3103100	Nov	3
## 2141	21277900	Nov	1
## 2142	7967000	Nov	3
## 2143	11687600	Nov	3
## 2144	59332800	Nov	1
## 2145	17869900	Nov	3
## 2146	12990700	Nov	3
## 2147	7483200	Nov	3
## 2148	2695800	Nov	3
## 2149	10670900	Nov	3
## 2150	10384400	Nov	3
## 2151	7925600	Nov	3
## 2152	7866700	Dec	3
## 2153	6451600	Dec	3
## 2154	5250900	Dec	3
## 2155	9581400	Dec	3
## 2156	6796800	Dec	3
## 2157	7144000	Dec	3

## 2158	4709000	Dec	3
## 2159	3424300	Dec	3
## 2160	5812800	Dec	3
## 2161	4965900	Dec	3
## 2162	5820500	Dec	3
## 2163	5626500	Dec	3
## 2164	8308700	Dec	3
## 2165	5535200	Dec	3
## 2166	7322500	Dec	3
## 2167	4421800	Dec	3
## 2168	3206500	Dec	3
## 2169	5818700	Dec	3
## 2170	4531800	Dec	3
## 2171	3171100	Dec	3
## 2172	5401100	Dec	3
## 2173	7582200	Jan	3
## 2174	7440900	Jan	3
## 2175	5417200	Jan	3
## 2176	6152900	Jan	3
## 2177	8943100	Jan	3
## 2178	9686100	Jan	3
## 2179	8497200	Jan	3
## 2180	5818300	Jan	3
## 2181	4432200	Jan	3
## 2182	5631000	Jan	3
## 2183	8743300	Jan	3
## 2184	5156900	Jan	3
## 2185	8307400	Jan	3
## 2186	5752800	Jan	3
## 2187	4342400	Jan	3
## 2188	4287100	Jan	3
## 2189	4889500	Jan	3
## 2190	4174000	Jan	3
## 2191	4099800	Jan	3
## 2192	4056000	Jan	3
## 2193	7501400	Feb	3
## 2194	23709300	Feb	1
## 2195	33531300	Feb	1
## 2196	8503200	Feb	3
## 2197	7403600	Feb	3
## 2198	7543700	Feb	3
## 2199	6932800	Feb	3
## 2200	5011800	Feb	3
## 2201	4750400	Feb	3
## 2202	4514200	Feb	3
## 2203	6902700	Feb	3
## 2204	5638000	Feb	3
## 2205	4581800	Feb	3
## 2206	5056100	Feb	3
## 2207	7356900	Feb	3

## 2208	9287500	Feb	3
## 2209	3720000	Feb	3
## 2210	4449100	Feb	3
## 2211	9150900	Feb	3
## 2212	6981500	Mar	3
## 2213	11583700	Mar	3
## 2214	6044900	Mar	3
## 2215	4258300	Mar	3
## 2216	4722300	Mar	3
## 2217	6236600	Mar	3
## 2218	7200100	Mar	3
## 2219	4972700	Mar	3
## 2220	3278100	Mar	3
## 2221	4185200	Mar	3
## 2222	2801500	Mar	3
## 2223	4822800	Mar	3
## 2224	6886200	Mar	3
## 2225	6170800	Mar	3
## 2226	6671600	Mar	3
## 2227	4300800	Mar	3
## 2228	4035900	Mar	3
## 2229	3682000	Mar	3
## 2230	3708500	Mar	3
## 2231	5727200	Mar	3
## 2232	7199200	Mar	3
## 2233	4049200	Mar	3
## 2234	2659000	Mar	3
## 2235	5054000	Apr	3
## 2236	3717800	Apr	3
## 2237	5559500	Apr	3
## 2238	9294600	Apr	3
## 2239	5704500	Apr	3
## 2240	4747500	Apr	3
## 2241	6605600	Apr	3
## 2242	2855800	Apr	3
## 2243	3715200	Apr	3
## 2244	4442200	Apr	3
## 2245	4595700	Apr	3
## 2246	4280500	Apr	3
## 2247	5387600	Apr	3
## 2248	4423500	Apr	3
## 2249	3087600	Apr	3
## 2250	12790500	Apr	3
## 2251	11071500	Apr	3
## 2252	5932500	Apr	3
## 2253	3492500	Apr	3
## 2254	7072700	May	3
## 2255	5857000	May	3
## 2256	7585900	May	3
## 2257	5997900	May	3

## 2258	5740900	May	3
## 2259	4236800	May	3
## 2260	5484700	May	3
## 2261	3300300	May	3
## 2262	7696000	May	3
## 2263	4873600	May	3
## 2264	4305000	May	3
## 2265	5221600	May	3
## 2266	6704100	May	3
## 2267	12027200	May	3
## 2268	9817200	May	3
## 2269	11122900	May	3
## 2270	8822700	May	3
## 2271	9542100	May	3
## 2272	5845700	May	3
## 2273	4524300	May	3
## 2274	5920800	May	3
## 2275	5196600	May	3
## 2276	5932000	Jun	3
## 2277	5442900	Jun	3
## 2278	5049400	Jun	3
## 2279	4276600	Jun	3
## 2280	5303800	Jun	3
## 2281	8311000	Jun	3
## 2282	5232600	Jun	3
## 2283	4195800	Jun	3
## 2284	5403000	Jun	3
## 2285	4869100	Jun	3
## 2286	6206100	Jun	3
## 2287	5135100	Jun	3
## 2288	4211600	Jun	3
## 2289	4465500	Jun	3
## 2290	7865300	Jun	3
## 2291	4732000	Jun	3
## 2292	3923400	Jun	3
## 2293	3605800	Jun	3
## 2294	5641000	Jun	3
## 2295	3751700	Jun	3
## 2296	6372500	Jun	3
## 2297	5191200	Jun	3
## 2298	1436300	Jul	3
## 2299	5734000	Jul	3
## 2300	4372700	Jul	3
## 2301	5004100	Jul	3
## 2302	3876700	Jul	3
## 2303	6088600	Jul	3
## 2304	4894700	Jul	3
## 2305	6455500	Jul	3
## 2306	8094800	Jul	3
## 2307	7197300	Jul	3

## 2308	5215000	Jul	3
## 2309	8866300	Jul	3
## 2310	5836200	Jul	3
## 2311	7136600	Jul	3
## 2312	7385400	Jul	3
## 2313	17230000	Jul	3
## 2314	76985200	Jul	1
## 2315	26393800	Jul	1
## 2316	12422000	Jul	3
## 2317	8038200	Jul	3
## 2318	13128800	Aug	3
## 2319	7810400	Aug	3
## 2320	6941100	Aug	3
## 2321	10252400	Aug	3
## 2322	5476400	Aug	3
## 2323	7260200	Aug	3
## 2324	6911200	Aug	3
## 2325	6405600	Aug	3
## 2326	5115900	Aug	3
## 2327	5128000	Aug	3
## 2328	8201600	Aug	3
## 2329	7636600	Aug	3
## 2330	9496300	Aug	3
## 2331	5998600	Aug	3
## 2332	5334900	Aug	3
## 2333	4587100	Aug	3
## 2334	4726400	Aug	3
## 2335	4516900	Aug	3
## 2336	3542600	Aug	3
## 2337	6067400	Aug	3
## 2338	7398100	Aug	3
## 2339	11303300	Aug	3
## 2340	5947000	Aug	3
## 2341	6563200	Sep	3
## 2342	7467700	Sep	3
## 2343	9114100	Sep	3
## 2344	8901700	Sep	3
## 2345	5227200	Sep	3
## 2346	7403800	Sep	3
## 2347	6527400	Sep	3
## 2348	4370400	Sep	3
## 2349	3705700	Sep	3
## 2350	10273700	Sep	3
## 2351	5123100	Sep	3
## 2352	8572000	Sep	3
## 2353	8548900	Sep	3
## 2354	15553700	Sep	3
## 2355	7249000	Sep	3
## 2356	6619600	Sep	3
## 2357	6601100	Sep	3

## 2358	5469800	Sep	3
## 2359	7499400	Sep	3
## 2360	5227200	Sep	3
## 2361	6815000	Oct	3
## 2362	8034000	Oct	3
## 2363	7064800	Oct	3
## 2364	8455900	Oct	3
## 2365	4219200	Oct	3
## 2366	5289200	Oct	3
## 2367	6333400	Oct	3
## 2368	6728500	Oct	3
## 2369	5989700	Oct	3
## 2370	4067300	Oct	3
## 2371	6769400	Oct	3
## 2372	6635700	Oct	3
## 2373	5349300	Oct	3
## 2374	4037600	Oct	3
## 2375	5839400	Oct	3
## 2376	8059300	Oct	3
## 2377	23155300	Oct	1
## 2378	46522500	Oct	1
## 2379	17073300	Oct	3
## 2380	9953400	Oct	3
## 2381	6882400	Oct	3
## 2382	6210400	Oct	3
## 2383	6668900	Nov	3
## 2384	5447300	Nov	3
## 2385	5124100	Nov	3
## 2386	4540900	Nov	3
## 2387	7745100	Nov	3
## 2388	8159900	Nov	3
## 2389	5807100	Nov	3
## 2390	4495100	Nov	3
## 2391	6944300	Nov	3
## 2392	10951300	Nov	3
## 2393	13556700	Nov	3
## 2394	11000800	Nov	3
## 2395	6530200	Nov	3
## 2396	5796400	Nov	3
## 2397	6984400	Nov	3
## 2398	4535600	Nov	3
## 2399	2241300	Nov	3
## 2400	8972800	Nov	3
## 2401	7099300	Nov	3
## 2402	7854600	Nov	3
## 2403	6346300	Nov	3
## 2404	8306100	Dec	3
## 2405	9720700	Dec	3
## 2406	5737700	Dec	3
## 2407	5776900	Dec	3

## 2408	6621500	Dec	3
## 2409	5139700	Dec	3
## 2410	4848600	Dec	3
## 2411	5083200	Dec	3
## 2412	4677800	Dec	3
## 2413	6296100	Dec	3
## 2414	8153500	Dec	3
## 2415	6486700	Dec	3
## 2416	7520000	Dec	3
## 2417	7784300	Dec	3
## 2418	6550200	Dec	3
## 2419	5585100	Dec	3
## 2420	4473600	Dec	3
## 2421	3536500	Dec	3
## 2422	4545500	Dec	3
## 2423	4197000	Dec	3
## 2424	12405100	Jan	3
## 2425	6318400	Jan	3
## 2426	6619700	Jan	3
## 2427	6783000	Jan	3
## 2428	5703000	Jan	3
## 2429	6527500	Jan	3
## 2430	6465600	Jan	3
## 2431	4466400	Jan	3
## 2432	5643700	Jan	3
## 2433	5026800	Jan	3
## 2434	9105000	Jan	3
## 2435	6095900	Jan	3
## 2436	8317000	Jan	3
## 2437	5313600	Jan	3
## 2438	5271700	Jan	3
## 2439	6747600	Jan	3
## 2440	4139300	Jan	3
## 2441	7395000	Jan	3
## 2442	4813500	Jan	3
## 2443	7277500	Jan	3
## 2444	26123100	Feb	1
## 2445	25850700	Feb	1
## 2446	6110900	Feb	3
## 2447	8612700	Feb	3
## 2448	10503200	Feb	3
## 2449	5483600	Feb	3
## 2450	5960100	Feb	3
## 2451	3835700	Feb	3
## 2452	4505500	Feb	3
## 2453	6814100	Feb	3
## 2454	5088200	Feb	3
## 2455	4679000	Feb	3
## 2456	8903400	Feb	3
## 2457	4508400	Feb	3

## 2458	4926100	Feb	3
## 2459	5497400	Feb	3
## 2460	4035200	Feb	3
## 2461	8850700	Feb	3
## 2462	7687400	Feb	3
## 2463	9255800	Mar	3
## 2464	7787800	Mar	3
## 2465	9565600	Mar	3
## 2466	12848200	Mar	3
## 2467	8644600	Mar	3
## 2468	7629300	Mar	3
## 2469	6200100	Mar	3
## 2470	4879000	Mar	3
## 2471	5204100	Mar	3
## 2472	8591100	Mar	3
## 2473	7265700	Mar	3
## 2474	6865500	Mar	3
## 2475	4226600	Mar	3
## 2476	3801300	Mar	3
## 2477	4996400	Mar	3
## 2478	5331500	Mar	3
## 2479	2941500	Mar	3
## 2480	3521100	Mar	3
## 2481	3993600	Mar	3
## 2482	6202200	Mar	3
## 2483	6405200	Mar	3
## 2484	5996900	Mar	3
## 2485	7091300	Apr	3
## 2486	5968200	Apr	3
## 2487	4064700	Apr	3
## 2488	3288400	Apr	3
## 2489	4182700	Apr	3
## 2490	3421800	Apr	3
## 2491	5078400	Apr	3
## 2492	4754500	Apr	3
## 2493	3610000	Apr	3
## 2494	13444000	Apr	3
## 2495	7398900	Apr	3
## 2496	4996400	Apr	3
## 2497	4809700	Apr	3
## 2498	5980500	Apr	3
## 2499	7088600	Apr	3
## 2500	19887600	Apr	1
## 2501	104329200	Apr	1
## 2502	62179500	Apr	1
## 2503	50733400	Apr	1
## 2504	23979200	Apr	1
## 2505	18519000	May	1
## 2506	14427200	May	3
## 2507	13482000	May	3

## 2508	14299300	May	3
## 2509	14808300	May	3
## 2510	13551100	May	3
## 2511	8874900	May	3
## 2512	10052000	May	3
## 2513	7919100	May	3
## 2514	7760400	May	3
## 2515	8702100	May	3
## 2516	14485400	May	3
## 2517	11870900	May	3
## 2518	9799200	May	3
## 2519	36468800	May	1
## 2520	17211300	May	3
## 2521	42582500	May	1
## 2522	23824600	May	1
## 2523	9987200	May	3
## 2524	11730800	May	3
## 2525	10576100	May	3
## 2526	9310200	May	3
## 2527	7014500	Jun	3
## 2528	11380500	Jun	3
## 2529	30442500	Jun	1
## 2530	15591000	Jun	3
## 2531	24138200	Jun	1
## 2532	10204500	Jun	3
## 2533	11159100	Jun	3
## 2534	11829500	Jun	3
## 2535	11917900	Jun	3
## 2536	8245300	Jun	3
## 2537	9833200	Jun	3
## 2538	7813600	Jun	3
## 2539	11871000	Jun	3
## 2540	9172600	Jun	3
## 2541	7609700	Jun	3
## 2542	8382600	Jun	3
## 2543	7593500	Jun	3
## 2544	11247800	Jun	3
## 2545	8242900	Jun	3
## 2546	9782200	Jun	3
## 2547	5316600	Jun	3
## 2548	4906100	Jul	3
## 2549	2223500	Jul	3
## 2550	4487900	Jul	3
## 2551	4615300	Jul	3
## 2552	14816900	Jul	3
## 2553	8885400	Jul	3
## 2554	6593600	Jul	3
## 2555	11451600	Jul	3
## 2556	12502000	Jul	3
## 2557	8334900	Jul	3

## 2558	6084400	Jul	3
## 2559	6289700	Jul	3
## 2560	5273500	Jul	3
## 2561	9130700	Jul	3
## 2562	9267800	Jul	3
## 2563	25342300	Jul	1
## 2564	60452400	Jul	1
## 2565	23267100	Jul	1
## 2566	13942600	Jul	3
## 2567	12855600	Jul	3
## 2568	14104500	Jul	3
## 2569	16918000	Aug	3
## 2570	10361600	Aug	3
## 2571	7987500	Aug	3
## 2572	9002900	Aug	3
## 2573	8059300	Aug	3
## 2574	8244800	Aug	3
## 2575	8348400	Aug	3
## 2576	9067600	Aug	3
## 2577	6068600	Aug	3
## 2578	5946200	Aug	3
## 2579	6375900	Aug	3
## 2580	10787300	Aug	3
## 2581	7240600	Aug	3
## 2582	5916100	Aug	3
## 2583	8429100	Aug	3
## 2584	6848100	Aug	3
## 2585	5665000	Aug	3
## 2586	5665700	Aug	3
## 2587	6951300	Aug	3
## 2588	5767000	Aug	3
## 2589	5076800	Aug	3
## 2590	4628800	Aug	3
## 2591	6157400	Aug	3
## 2592	8266000	Sep	3
## 2593	9062200	Sep	3
## 2594	8826900	Sep	3
## 2595	8231200	Sep	3
## 2596	5366900	Sep	3
## 2597	6859800	Sep	3
## 2598	9030300	Sep	3
## 2599	5983500	Sep	3
## 2600	3954700	Sep	3
## 2601	4484500	Sep	3
## 2602	8924400	Sep	3
## 2603	6458700	Sep	3
## 2604	5780800	Sep	3
## 2605	6524500	Sep	3
## 2606	5321800	Sep	3
## 2607	5800300	Sep	3

## 2608	5770300	Sep	3
## 2609	2812700	Sep	3
## 2610	4813700	Sep	3
## 2611	5397400	Oct	3
## 2612	4867200	Oct	3
## 2613	5052200	Oct	3
## 2614	3318300	Oct	3
## 2615	5523500	Oct	3
## 2616	7428400	Oct	3
## 2617	7144600	Oct	3
## 2618	5567800	Oct	3
## 2619	9822400	Oct	3
## 2620	8359900	Oct	3
## 2621	5608800	Oct	3
## 2622	8511500	Oct	3
## 2623	7678700	Oct	3
## 2624	5329500	Oct	3
## 2625	9126200	Oct	3
## 2626	9868400	Oct	3
## 2627	41761800	Oct	1
## 2628	41617400	Oct	1
## 2629	11630900	Oct	3
## 2630	8826200	Oct	3
## 2631	7097200	Oct	3
## 2632	5405400	Oct	3
## 2633	7044800	Oct	3
## 2634	8265700	Nov	3
## 2635	10230500	Nov	3
## 2636	7453100	Nov	3
## 2637	7934000	Nov	3
## 2638	8397800	Nov	3
## 2639	11803200	Nov	3
## 2640	11620200	Nov	3
## 2641	9396900	Nov	3
## 2642	9496300	Nov	3
## 2643	8427400	Nov	3
## 2644	7831500	Nov	3
## 2645	7114100	Nov	3
## 2646	8649800	Nov	3
## 2647	11610000	Nov	3
## 2648	6678300	Nov	3
## 2649	2780900	Nov	3
## 2650	8610500	Nov	3
## 2651	8634200	Nov	3
## 2652	11403400	Nov	3
## 2653	6977100	Nov	3
## 2654	6881600	Nov	3
## 2655	6000500	Dec	3
## 2656	7337900	Dec	3
## 2657	6608600	Dec	3

## 2658	5472700	Dec	3
## 2659	3934800	Dec	3
## 2660	5180600	Dec	3
## 2661	10269600	Dec	3
## 2662	7228100	Dec	3
## 2663	6046300	Dec	3
## 2664	6002300	Dec	3
## 2665	7697700	Dec	3
## 2666	7266100	Dec	3
## 2667	7616200	Dec	3
## 2668	5879800	Dec	3
## 2669	6604900	Dec	3
## 2670	2017100	Dec	3
## 2671	5442200	Dec	3
## 2672	7113700	Dec	3
## 2673	7587900	Dec	3
## 2674	5755200	Dec	3
## 2675	13858700	Jan	3
## 2676	9122500	Jan	3
## 2677	10270000	Jan	3
## 2678	9981600	Jan	3
## 2679	12283300	Jan	3
## 2680	16410900	Jan	3
## 2681	11609900	Jan	3
## 2682	10624300	Jan	3
## 2683	9056100	Jan	3
## 2684	9655900	Jan	3
## 2685	12407000	Jan	3
## 2686	9900900	Jan	3
## 2687	13364300	Jan	3
## 2688	12822200	Jan	3
## 2689	20405700	Jan	1
## 2690	9886600	Jan	3
## 2691	10027600	Jan	3
## 2692	8505300	Jan	3
## 2693	9958000	Jan	3
## 2694	25298700	Jan	1
## 2695	42885900	Jan	1
## 2696	16361000	Feb	3
## 2697	9155200	Feb	3
## 2698	9633900	Feb	3
## 2699	12399500	Feb	3
## 2700	14501700	Feb	3
## 2701	11700400	Feb	3
## 2702	7763700	Feb	3
## 2703	9449000	Feb	3
## 2704	11070300	Feb	3
## 2705	7497200	Feb	3
## 2706	11120100	Feb	3
## 2707	7109200	Feb	3

## 2708	6450700	Feb	3
## 2709	13150800	Feb	3
## 2710	12342700	Feb	3
## 2711	7858200	Feb	3
## 2712	9891300	Feb	3
## 2713	8930500	Feb	3
## 2714	13167800	Feb	3
## 2715	11664600	Feb	3
## 2716	13721100	Mar	3
## 2717	16703600	Mar	3
## 2718	11126400	Mar	3
## 2719	8343300	Mar	3
## 2720	10438100	Mar	3
## 2721	9321000	Mar	3
## 2722	9742900	Mar	3
## 2723	7748800	Mar	3
## 2724	10707500	Mar	3
## 2725	12420700	Mar	3
## 2726	9709100	Mar	3
## 2727	9550700	Mar	3
## 2728	11041900	Mar	3
## 2729	11410700	Mar	3
## 2730	9395400	Mar	3
## 2731	6327500	Mar	3
## 2732	6285100	Mar	3
## 2733	7942400	Mar	3
## 2734	5279100	Mar	3
## 2735	5470300	Mar	3
## 2736	9734000	Apr	3
## 2737	8592400	Apr	3
## 2738	8149900	Apr	3
## 2739	7152800	Apr	3
## 2740	6672400	Apr	3
## 2741	4966000	Apr	3
## 2742	6660300	Apr	3
## 2743	6255500	Apr	3
## 2744	6785600	Apr	3
## 2745	4354500	Apr	3
## 2746	6813100	Apr	3
## 2747	6746800	Apr	3
## 2748	6220000	Apr	3
## 2749	16791300	Apr	3
## 2750	9335400	Apr	3
## 2751	7245000	Apr	3
## 2752	19250400	Apr	1
## 2753	21073500	Apr	1
## 2754	9456500	Apr	3
## 2755	10991900	Apr	3
## 2756	6726400	Apr	3
## 2757	7875700	Apr	3

## 2758	7197000	May	3
## 2759	8154900	May	3
## 2760	5647400	May	3
## 2761	6545700	May	3
## 2762	8376600	May	3
## 2763	8131300	May	3
## 2764	4243500	May	3
## 2765	7215400	May	3
## 2766	5020800	May	3
## 2767	4589200	May	3
## 2768	6917700	May	3
## 2769	6206700	May	3
## 2770	18684800	May	1
## 2771	7912200	May	3
## 2772	7070500	May	3
## 2773	5390600	May	3
## 2774	6331900	May	3
## 2775	10108200	May	3
## 2776	6700600	May	3
## 2777	6857600	May	3
## 2778	5270600	May	3
## 2779	6215200	Jun	3
## 2780	5870000	Jun	3
## 2781	6458300	Jun	3
## 2782	8938700	Jun	3
## 2783	7843700	Jun	3
## 2784	6537300	Jun	3
## 2785	6065600	Jun	3
## 2786	5874500	Jun	3
## 2787	6204400	Jun	3
## 2788	5974500	Jun	3
## 2789	5754400	Jun	3
## 2790	8802400	Jun	3
## 2791	6846600	Jun	3
## 2792	6717300	Jun	3
## 2793	6588900	Jun	3
## 2794	7425800	Jun	3
## 2795	7140100	Jun	3
## 2796	7393300	Jun	3
## 2797	11310100	Jun	3
## 2798	11840500	Jun	3
## 2799	7104100	Jun	3
## 2800	10292500	Jul	3
## 2801	7044400	Jul	3
## 2802	4248200	Jul	3
## 2803	7355500	Jul	3
## 2804	7916000	Jul	3
## 2805	6912100	Jul	3
## 2806	9941600	Jul	3
## 2807	7930000	Jul	3

## 2808	9021300	Jul	3
## 2809	11342100	Jul	3
## 2810	12038900	Jul	3
## 2811	9597400	Jul	3
## 2812	8298000	Jul	3
## 2813	6896900	Jul	3
## 2814	8795800	Jul	3
## 2815	17916200	Jul	3
## 2816	30996600	Jul	1
## 2817	9150700	Jul	3
## 2818	10480200	Jul	3
## 2819	6770900	Jul	3
## 2820	7567300	Jul	3
## 2821	5300700	Jul	3
## 2822	4774500	Aug	3
## 2823	4498200	Aug	3
## 2824	7794600	Aug	3
## 2825	6406100	Aug	3
## 2826	5444800	Aug	3
## 2827	9162700	Aug	3
## 2828	25070200	Aug	1
## 2829	8026500	Aug	3
## 2830	7208800	Aug	3
## 2831	6901700	Aug	3
## 2832	6871600	Aug	3
## 2833	6547400	Aug	3
## 2834	6630400	Aug	3
## 2835	5950600	Aug	3
## 2836	6157800	Aug	3
## 2837	4677800	Aug	3
## 2838	4356400	Aug	3
## 2839	4374200	Aug	3
## 2840	5627300	Aug	3
## 2841	7834100	Aug	3
## 2842	4728700	Aug	3
## 2843	6000800	Sep	3
## 2844	5742600	Sep	3
## 2845	8316500	Sep	3
## 2846	8069100	Sep	3
## 2847	9490600	Sep	3
## 2848	5821800	Sep	3
## 2849	9444700	Sep	3
## 2850	7813600	Sep	3
## 2851	6480100	Sep	3
## 2852	8980800	Sep	3
## 2853	13092200	Sep	3
## 2854	13165600	Sep	3
## 2855	12397200	Sep	3
## 2856	14772200	Sep	3
## 2857	7037700	Sep	3

## 2858	8594200	Sep	3
## 2859	9372400	Sep	3
## 2860	6073000	Sep	3
## 2861	6747100	Sep	3
## 2862	12004300	Sep	3
## 2863	13046900	Sep	3
## 2864	9622200	Oct	3
## 2865	8726100	Oct	3
## 2866	11228100	Oct	3
## 2867	13385500	Oct	3
## 2868	12756000	Oct	3
## 2869	14324500	Oct	3
## 2870	13930900	Oct	3
## 2871	18021700	Oct	3
## 2872	11194800	Oct	3
## 2873	17306600	Oct	3
## 2874	16257600	Oct	3
## 2875	22081100	Oct	1
## 2876	12946400	Oct	3
## 2877	8452100	Oct	3
## 2878	8669600	Oct	3
## 2879	19513200	Oct	1
## 2880	32601900	Oct	1
## 2881	19605900	Oct	1
## 2882	11759200	Oct	3
## 2883	14834700	Oct	3
## 2884	15196300	Oct	3
## 2885	11125700	Oct	3
## 2886	8534600	Oct	3
## 2887	7170100	Nov	3
## 2888	7663800	Nov	3
## 2889	11498400	Nov	3
## 2890	15487800	Nov	3
## 2891	7439600	Nov	3
## 2892	8964900	Nov	3
## 2893	9939200	Nov	3
## 2894	14768600	Nov	3
## 2895	16935300	Nov	3
## 2896	11949700	Nov	3
## 2897	10711800	Nov	3
## 2898	15049200	Nov	3
## 2899	12521100	Nov	3
## 2900	18423900	Nov	1
## 2901	15042700	Nov	3
## 2902	14549700	Nov	3
## 2903	13015000	Nov	3
## 2904	13439700	Nov	3
## 2905	3481000	Nov	3
## 2906	11178900	Dec	3
## 2907	8713700	Dec	3

## 2908	15675600	Dec	3
## 2909	19782300	Dec	1
## 2910	14608800	Dec	3
## 2911	10940700	Dec	3
## 2912	13314800	Dec	3
## 2913	7753800	Dec	3
## 2914	7583600	Dec	3
## 2915	8664800	Dec	3
## 2916	7285400	Dec	3
## 2917	8862900	Dec	3
## 2918	9183100	Dec	3
## 2919	7518100	Dec	3
## 2920	10963200	Dec	3
## 2921	8925000	Dec	3
## 2922	5845400	Dec	3
## 2923	1645500	Dec	3
## 2924	6847300	Dec	3
## 2925	6507900	Dec	3
## 2926	6601300	Dec	3
## 2927	7792200	Dec	3
## 2928	7296400	Jan	3
## 2929	9509800	Jan	3
## 2930	11080100	Jan	3
## 2931	7942700	Jan	3
## 2932	6577900	Jan	3
## 2933	6684100	Jan	3
## 2934	9556300	Jan	3
## 2935	7883200	Jan	3
## 2936	10442600	Jan	3
## 2937	11617300	Jan	3
## 2938	8258200	Jan	3
## 2939	6767200	Jan	3
## 2940	5829500	Jan	3
## 2941	7133300	Jan	3
## 2942	5793300	Jan	3
## 2943	7155700	Jan	3
## 2944	8738200	Jan	3
## 2945	8056600	Jan	3
## 2946	17966800	Jan	3
## 2947	39783100	Jan	1
## 2948	19324300	Feb	1
## 2949	14694600	Feb	3
## 2950	13726300	Feb	3
## 2951	10169600	Feb	3
## 2952	12044900	Feb	3
## 2953	9437600	Feb	3
## 2954	10700600	Feb	3
## 2955	8347300	Feb	3
## 2956	8095500	Feb	3
## 2957	4130900	Feb	3

## 2958	7126100	Feb	3
## 2959	7366000	Feb	3
## 2960	6768900	Feb	3
## 2961	9354500	Feb	3
## 2962	7336000	Feb	3
## 2963	10271400	Feb	3
## 2964	9122100	Feb	3
## 2965	7275300	Feb	3
## 2966	11488300	Feb	3
## 2967	10511900	Mar	3
## 2968	9691600	Mar	3
## 2969	11960900	Mar	3
## 2970	11770300	Mar	3
## 2971	15093800	Mar	3
## 2972	13561400	Mar	3
## 2973	15435700	Mar	3
## 2974	13881700	Mar	3
## 2975	11348900	Mar	3
## 2976	8903400	Mar	3
## 2977	9437300	Mar	3
## 2978	11902800	Mar	3
## 2979	10401700	Mar	3
## 2980	8819100	Mar	3
## 2981	8468100	Mar	3
## 2982	8612400	Mar	3
## 2983	7457900	Mar	3
## 2984	7895600	Mar	3
## 2985	6657700	Mar	3
## 2986	8568800	Mar	3
## 2987	8373100	Mar	3
## 2988	8918200	Mar	3
## 2989	7041400	Apr	3
## 2990	11066900	Apr	3
## 2991	5809900	Apr	3
## 2992	5751300	Apr	3
## 2993	5748800	Apr	3
## 2994	5653000	Apr	3
## 2995	7082300	Apr	3
## 2996	6212200	Apr	3
## 2997	6160400	Apr	3
## 2998	9412800	Apr	3
## 2999	7467800	Apr	3
## 3000	7426000	Apr	3
## 3001	8686900	Apr	3
## 3002	7162200	Apr	3
## 3003	8775500	Apr	3
## 3004	16187700	Apr	3
## 3005	23484300	Apr	1
## 3006	9705900	Apr	3
## 3007	7924000	Apr	3

## 3008	9735100	Apr	3
## 3009	8537600	Apr	3
## 3010	6121700	May	3
## 3011	7019300	May	3
## 3012	5870300	May	3
## 3013	8604000	May	3
## 3014	9632100	May	3
## 3015	8193000	May	3
## 3016	6872300	May	3
## 3017	5548700	May	3
## 3018	8770500	May	3
## 3019	9343600	May	3
## 3020	8011700	May	3
## 3021	6829100	May	3
## 3022	8028900	May	3
## 3023	7351000	May	3
## 3024	5640500	May	3
## 3025	3484700	May	3
## 3026	6699600	May	3
## 3027	5567100	May	3
## 3028	4943100	May	3
## 3029	5072200	May	3
## 3030	10796500	Jun	3
## 3031	9397000	Jun	3
## 3032	7603400	Jun	3
## 3033	5465400	Jun	3
## 3034	8263500	Jun	3
## 3035	5602100	Jun	3
## 3036	4475100	Jun	3
## 3037	6073600	Jun	3
## 3038	5009700	Jun	3
## 3039	6223000	Jun	3
## 3040	5401800	Jun	3
## 3041	5465800	Jun	3
## 3042	7785100	Jun	3
## 3043	5453100	Jun	3
## 3044	5438200	Jun	3
## 3045	9744400	Jun	3
## 3046	7415500	Jun	3
## 3047	6081400	Jun	3
## 3048	7360400	Jun	3
## 3049	8775300	Jun	3
## 3050	6270300	Jun	3
## 3051	7984800	Jun	3
## 3052	6981200	Jul	3
## 3053	7218600	Jul	3
## 3054	7368800	Jul	3
## 3055	6491500	Jul	3
## 3056	8540700	Jul	3
## 3057	6359500	Jul	3

## 3058	5976100	Jul	3
## 3059	8050200	Jul	3
## 3060	4543600	Jul	3
## 3061	6339000	Jul	3
## 3062	5361900	Jul	3
## 3063	5051600	Jul	3
## 3064	6056600	Jul	3
## 3065	7728600	Jul	3
## 3066	5329600	Jul	3
## 3067	19162100	Jul	1
## 3068	19204600	Jul	1
## 3069	11279300	Jul	3
## 3070	8774900	Jul	3
## 3071	6502900	Jul	3
## 3072	7253200	Jul	3
## 3073	5886900	Jul	3
## 3074	6663000	Aug	3
## 3075	6177900	Aug	3
## 3076	7279400	Aug	3
## 3077	4693000	Aug	3
## 3078	5628000	Aug	3
## 3079	4440600	Aug	3
## 3080	5025000	Aug	3
## 3081	5619400	Aug	3
## 3082	5712400	Aug	3
## 3083	4924700	Aug	3
## 3084	6888600	Aug	3
## 3085	5884400	Aug	3
## 3086	5170600	Aug	3
## 3087	5375000	Aug	3
## 3088	6130700	Aug	3
## 3089	4723200	Aug	3
## 3090	4791000	Aug	3
## 3091	3613800	Aug	3
## 3092	3997700	Aug	3
## 3093	4620700	Aug	3
## 3094	5263800	Aug	3
## 3095	6245800	Sep	3
## 3096	6512700	Sep	3
## 3097	4140200	Sep	3
## 3098	4671500	Sep	3
## 3099	7037600	Sep	3
## 3100	6776200	Sep	3
## 3101	7023100	Sep	3
## 3102	6006900	Sep	3
## 3103	3572000	Sep	3
## 3104	4446800	Sep	3
## 3105	13114300	Sep	3
## 3106	7872700	Sep	3
## 3107	6769500	Sep	3

## 3108	4209300	Sep	3
## 3109	8264900	Sep	3
## 3110	5685300	Sep	3
## 3111	5075100	Sep	3
## 3112	4256800	Sep	3
## 3113	3508000	Sep	3
## 3114	4393900	Sep	3
## 3115	8539200	Sep	3
## 3116	6645100	Oct	3
## 3117	5039400	Oct	3
## 3118	7028500	Oct	3
## 3119	6963700	Oct	3
## 3120	7445100	Oct	3
## 3121	9674300	Oct	3
## 3122	4694000	Oct	3
## 3123	5591400	Oct	3
## 3124	4720000	Oct	3
## 3125	5556800	Oct	3
## 3126	6242100	Oct	3
## 3127	7038400	Oct	3
## 3128	6017400	Oct	3
## 3129	7777600	Oct	3
## 3130	7761200	Oct	3
## 3131	16518500	Oct	3
## 3132	58305800	Oct	1
## 3133	32271200	Oct	1
## 3134	20304200	Oct	1
## 3135	16887700	Oct	3
## 3136	12821800	Oct	3
## 3137	13312200	Oct	3
## 3138	11280000	Nov	3
## 3139	9478500	Nov	3
## 3140	7617500	Nov	3
## 3141	9086800	Nov	3
## 3142	13226000	Nov	3
## 3143	8624200	Nov	3
## 3144	10529300	Nov	3
## 3145	7434200	Nov	3
## 3146	7210100	Nov	3
## 3147	7376800	Nov	3
## 3148	9018300	Nov	3
## 3149	7748000	Nov	3
## 3150	5213500	Nov	3
## 3151	5998200	Nov	3
## 3152	6652600	Nov	3
## 3153	6878100	Nov	3
## 3154	7319700	Nov	3
## 3155	5071200	Nov	3
## 3156	4422600	Nov	3
## 3157	10119500	Nov	3

## 3158	9657600	Dec	3
## 3159	11798000	Dec	3
## 3160	16523500	Dec	3
## 3161	14827400	Dec	3
## 3162	7837000	Dec	3
## 3163	8002800	Dec	3
## 3164	12632900	Dec	3
## 3165	11343600	Dec	3
## 3166	8046700	Dec	3
## 3167	10022900	Dec	3
## 3168	7428800	Dec	3
## 3169	10261300	Dec	3
## 3170	8476500	Dec	3
## 3171	9605400	Dec	3
## 3172	9473600	Dec	3
## 3173	8257500	Dec	3
## 3174	9546100	Dec	3
## 3175	5128800	Dec	3
## 3176	8763900	Dec	3
## 3177	8400600	Dec	3
## 3178	6913200	Dec	3
## 3179	4523000	Dec	3
## 3180	7599900	Jan	3
## 3181	8851900	Jan	3
## 3182	7178800	Jan	3
## 3183	11030200	Jan	3
## 3184	9830500	Jan	3
## 3185	8779400	Jan	3
## 3186	9096300	Jan	3
## 3187	10723200	Jan	3
## 3188	9774900	Jan	3
## 3189	15376500	Jan	3
## 3190	8892600	Jan	3
## 3191	9074700	Jan	3
## 3192	9970600	Jan	3
## 3193	11568900	Jan	3
## 3194	12023900	Jan	3
## 3195	9559000	Jan	3
## 3196	14765300	Jan	3
## 3197	27293100	Jan	1
## 3198	29471300	Jan	1
## 3199	37774400	Feb	1
## 3200	23079700	Feb	1
## 3201	12405900	Feb	3
## 3202	12784000	Feb	3
## 3203	11024800	Feb	3
## 3204	9890200	Feb	3
## 3205	9223000	Feb	3
## 3206	6233200	Feb	3
## 3207	8343500	Feb	3

## 3208	8073500	Feb	3
## 3209	8932700	Feb	3
## 3210	8944800	Feb	3
## 3211	9800100	Feb	3
## 3212	7115600	Feb	3
## 3213	6807300	Feb	3
## 3214	7068200	Feb	3
## 3215	7389900	Feb	3
## 3216	9533400	Feb	3
## 3217	5721600	Feb	3
## 3218	13296500	Mar	3
## 3219	12097500	Mar	3
## 3220	6440400	Mar	3
## 3221	7509700	Mar	3
## 3222	6769300	Mar	3
## 3223	5605900	Mar	3
## 3224	6070800	Mar	3
## 3225	5625700	Mar	3
## 3226	7240800	Mar	3
## 3227	6150800	Mar	3
## 3228	6329200	Mar	3
## 3229	4132500	Mar	3
## 3230	4358800	Mar	3
## 3231	5021300	Mar	3
## 3232	8905000	Mar	3
## 3233	5383400	Mar	3
## 3234	4213100	Mar	3
## 3235	4696400	Mar	3
## 3236	16209600	Mar	3
## 3237	6565700	Mar	3
## 3238	4626900	Mar	3
## 3239	6192700	Mar	3
## 3240	4600600	Mar	3
## 3241	8785800	Apr	3
## 3242	5816500	Apr	3
## 3243	7950300	Apr	3
## 3244	5945400	Apr	3
## 3245	12689100	Apr	3
## 3246	6011100	Apr	3
## 3247	5445300	Apr	3
## 3248	4785500	Apr	3
## 3249	7900300	Apr	3
## 3250	7829600	Apr	3
## 3251	8396800	Apr	3
## 3252	6022000	Apr	3
## 3253	4311700	Apr	3
## 3254	7374400	Apr	3
## 3255	15165800	Apr	3
## 3256	18975200	Apr	1
## 3257	9318300	Apr	3

## 3258	8639000	Apr	3
## 3259	9235300	Apr	3
## 3260	6314200	Apr	3
## 3261	6113500	Apr	3
## 3262	5654600	May	3
## 3263	12667800	May	3
## 3264	9458100	May	3
## 3265	10189000	May	3
## 3266	11927600	May	3
## 3267	6806100	May	3
## 3268	6044100	May	3
## 3269	5904500	May	3
## 3270	5940200	May	3
## 3271	5277800	May	3
## 3272	5642200	May	3
## 3273	5256900	May	3
## 3274	6463300	May	3
## 3275	8594400	May	3
## 3276	7966900	May	3
## 3277	4535900	May	3
## 3278	6913400	May	3
## 3279	6964600	May	3
## 3280	4747700	May	3
## 3281	3954800	May	3
## 3282	3659500	Jun	3
## 3283	4764700	Jun	3
## 3284	5276900	Jun	3
## 3285	5497700	Jun	3
## 3286	6566400	Jun	3
## 3287	11484400	Jun	3
## 3288	7369200	Jun	3
## 3289	6061800	Jun	3
## 3290	4204600	Jun	3
## 3291	3923000	Jun	3
## 3292	4541000	Jun	3
## 3293	3964300	Jun	3
## 3294	3479000	Jun	3
## 3295	3836000	Jun	3
## 3296	5327700	Jun	3
## 3297	6207200	Jun	3
## 3298	5455100	Jun	3
## 3299	7771100	Jun	3
## 3300	5769700	Jun	3
## 3301	5612200	Jun	3
## 3302	12866300	Jun	3
## 3303	9740700	Jun	3
## 3304	8529800	Jul	3
## 3305	4477100	Jul	3
## 3306	5219300	Jul	3
## 3307	4941000	Jul	3

## 3308	6775000	Jul	3
## 3309	4065100	Jul	3
## 3310	4783600	Jul	3
## 3311	7091100	Jul	3
## 3312	5257000	Jul	3
## 3313	6047700	Jul	3
## 3314	6227900	Jul	3
## 3315	5030900	Jul	3
## 3316	6785000	Jul	3
## 3317	5011700	Jul	3
## 3318	15003400	Jul	3
## 3319	42421100	Jul	1
## 3320	11137800	Jul	3
## 3321	7796100	Jul	3
## 3322	5472300	Jul	3
## 3323	6175800	Jul	3
## 3324	7077500	Jul	3
## 3325	5443700	Aug	3
## 3326	5953800	Aug	3
## 3327	9270800	Aug	3
## 3328	4282300	Aug	3
## 3329	5065200	Aug	3
## 3330	5085800	Aug	3
## 3331	5706900	Aug	3
## 3332	5541700	Aug	3
## 3333	4367900	Aug	3
## 3334	3976600	Aug	3
## 3335	4024700	Aug	3
## 3336	5044700	Aug	3
## 3337	7901500	Aug	3
## 3338	5582500	Aug	3
## 3339	4170100	Aug	3
## 3340	3861300	Aug	3
## 3341	5369700	Aug	3
## 3342	5344500	Aug	3
## 3343	4694500	Aug	3
## 3344	5080000	Aug	3
## 3345	3426000	Aug	3
## 3346	4225600	Aug	3
## 3347	7138300	Sep	3
## 3348	5407400	Sep	3
## 3349	6581200	Sep	3
## 3350	3883000	Sep	3
## 3351	5828500	Sep	3
## 3352	4958000	Sep	3
## 3353	5043600	Sep	3
## 3354	5077400	Sep	3
## 3355	4319400	Sep	3
## 3356	4903600	Sep	3
## 3357	5827000	Sep	3

## 3358	7259600	Sep	3
## 3359	6449400	Sep	3
## 3360	7542000	Sep	3
## 3361	6612400	Sep	3
## 3362	7065600	Sep	3
## 3363	10590600	Sep	3
## 3364	6446300	Sep	3
## 3365	8494200	Sep	3
## 3366	7287500	Sep	3
## 3367	7606000	Sep	3
## 3368	8683400	Oct	3
## 3369	5346500	Oct	3
## 3370	5620000	Oct	3
## 3371	6060800	Oct	3
## 3372	4622000	Oct	3
## 3373	6918400	Oct	3
## 3374	4486400	Oct	3
## 3375	5280800	Oct	3
## 3376	5632800	Oct	3
## 3377	4024100	Oct	3
## 3378	10135500	Oct	3
## 3379	6331300	Oct	3
## 3380	7525000	Oct	3
## 3381	5790400	Oct	3
## 3382	13482500	Oct	3
## 3383	16318400	Oct	3
## 3384	6530900	Oct	3
## 3385	4689600	Oct	3
## 3386	5721800	Oct	3
## 3387	4684400	Oct	3
## 3388	4998500	Oct	3
## 3389	5239900	Nov	3
## 3390	4260000	Nov	3
## 3391	6112100	Nov	3
## 3392	7395900	Nov	3
## 3393	5212200	Nov	3
## 3394	5706000	Nov	3
## 3395	3978600	Nov	3
## 3396	5440300	Nov	3
## 3397	5691700	Nov	3
## 3398	7160600	Nov	3
## 3399	9648600	Nov	3
## 3400	6571400	Nov	3
## 3401	4524900	Nov	3
## 3402	6225300	Nov	3
## 3403	4464800	Nov	3
## 3404	6142500	Nov	3
## 3405	6465300	Nov	3
## 3406	10042500	Nov	3
## 3407	4271600	Nov	3

## 3408	9695000	Nov	3
## 3409	6762200	Nov	3
## 3410	5770100	Dec	3
## 3411	5537600	Dec	3
## 3412	4907500	Dec	3
## 3413	5654200	Dec	3
## 3414	5077100	Dec	3
## 3415	3726900	Dec	3
## 3416	4555500	Dec	3
## 3417	3565500	Dec	3
## 3418	4202500	Dec	3
## 3419	3685300	Dec	3
## 3420	5810500	Dec	3
## 3421	4121500	Dec	3
## 3422	4507300	Dec	3
## 3423	8735300	Dec	3
## 3424	5111000	Dec	3
## 3425	2578100	Dec	3
## 3426	3358200	Dec	3
## 3427	2249400	Dec	3
## 3428	1975000	Dec	3
## 3429	3120100	Dec	3
## 3430	1961200	Dec	3
## 3431	3451900	Dec	3
## 3432	5331400	Jan	3
## 3433	5031800	Jan	3
## 3434	3418800	Jan	3
## 3435	3179700	Jan	3
## 3436	5221700	Jan	3
## 3437	3375900	Jan	3
## 3438	2814200	Jan	3
## 3439	2679100	Jan	3
## 3440	3367000	Jan	3
## 3441	3662800	Jan	3
## 3442	3896200	Jan	3
## 3443	3882400	Jan	3
## 3444	5709900	Jan	3
## 3445	6806200	Jan	3
## 3446	5600300	Jan	3
## 3447	4651000	Jan	3
## 3448	3762200	Jan	3
## 3449	14594400	Jan	3
## 3450	19908200	Jan	1
## 3451	6718100	Jan	3
## 3452	5085900	Feb	3
## 3453	4547500	Feb	3
## 3454	3678900	Feb	3
## 3455	4347800	Feb	3
## 3456	5254700	Feb	3
## 3457	7794900	Feb	3

## 3458	8312700	Feb	3
## 3459	5331400	Feb	3
## 3460	4487900	Feb	3
## 3461	4061300	Feb	3
## 3462	3890900	Feb	3
## 3463	4628200	Feb	3
## 3464	3425500	Feb	3
## 3465	4178600	Feb	3
## 3466	5637100	Feb	3
## 3467	5482000	Feb	3
## 3468	4656500	Feb	3
## 3469	4191400	Feb	3
## 3470	6783200	Feb	3
## 3471	5847100	Mar	3
## 3472	5185700	Mar	3
## 3473	4138200	Mar	3
## 3474	4924300	Mar	3
## 3475	5932900	Mar	3
## 3476	4219000	Mar	3
## 3477	7108900	Mar	3
## 3478	5998400	Mar	3
## 3479	4609900	Mar	3
## 3480	4022000	Mar	3
## 3481	4934500	Mar	3
## 3482	5208100	Mar	3
## 3483	6471400	Mar	3
## 3484	7442700	Mar	3
## 3485	4055100	Mar	3
## 3486	3611400	Mar	3
## 3487	4721300	Mar	3
## 3488	6283200	Mar	3
## 3489	4293800	Mar	3
## 3490	3400800	Mar	3
## 3491	4884600	Mar	3
## 3492	6859300	Mar	3
## 3493	4826500	Mar	3
## 3494	5684100	Apr	3
## 3495	4186400	Apr	3
## 3496	5569200	Apr	3
## 3497	5430700	Apr	3
## 3498	4564000	Apr	3
## 3499	3726400	Apr	3
## 3500	3297100	Apr	3
## 3501	5334500	Apr	3
## 3502	4216300	Apr	3
## 3503	3588200	Apr	3
## 3504	4272400	Apr	3
## 3505	4616500	Apr	3
## 3506	2646000	Apr	3
## 3507	4067500	Apr	3

## 3508	3348100	Apr	3
## 3509	3438100	Apr	3
## 3510	11200000	Apr	3
## 3511	23623000	Apr	1
## 3512	7300000	Apr	3
## 3513	6640900	Apr	3
## 3514	9398100	May	3
## 3515	6100000	May	3
## 3516	6550000	May	3
## 3517	4600000	May	3
## 3518	4013900	May	3
## 3519	5825400	May	3
## 3520	5885900	May	3
## 3521	4809000	May	3
## 3522	4800000	May	3
## 3523	4123700	May	3
## 3524	9386400	May	3
## 3525	7073300	May	3
## 3526	4955800	May	3
## 3527	3701200	May	3
## 3528	3381000	May	3
## 3529	4200000	May	3
## 3530	2972700	May	3
## 3531	4661300	May	3
## 3532	4075200	May	3
## 3533	2352600	May	3
## 3534	3409000	May	3
## 3535	3445200	Jun	3
## 3536	3044900	Jun	3
## 3537	4974500	Jun	3
## 3538	3716000	Jun	3
## 3539	4866500	Jun	3
## 3540	3716600	Jun	3
## 3541	4187300	Jun	3
## 3542	3760400	Jun	3
## 3543	3868900	Jun	3
## 3544	3960300	Jun	3
## 3545	6317700	Jun	3
## 3546	6032100	Jun	3
## 3547	6322200	Jun	3
## 3548	2831700	Jun	3
## 3549	4182600	Jun	3
## 3550	3129700	Jun	3
## 3551	4609600	Jun	3
## 3552	3614500	Jun	3
## 3553	6100700	Jun	3
## 3554	3825300	Jun	3
## 3555	4608900	Jun	3
## 3556	4448100	Jun	3
## 3557	4008700	Jul	3

## 3558	3585200	Jul	3
## 3559	2607600	Jul	3
## 3560	3144900	Jul	3
## 3561	3707900	Jul	3
## 3562	4033700	Jul	3
## 3563	3985700	Jul	3
## 3564	4229900	Jul	3
## 3565	3902500	Jul	3
## 3566	4072600	Jul	3
## 3567	2898100	Jul	3
## 3568	4437200	Jul	3
## 3569	3372900	Jul	3
## 3570	4545300	Jul	3
## 3571	3591700	Jul	3
## 3572	3342800	Jul	3
## 3573	9863600	Jul	3
## 3574	12955600	Jul	3
## 3575	5354900	Jul	3
## 3576	5167700	Jul	3
## 3577	5789300	Aug	3
## 3578	6586700	Aug	3
## 3579	8197100	Aug	3
## 3580	6579500	Aug	3
## 3581	10024000	Aug	3
## 3582	10427500	Aug	3
## 3583	10491200	Aug	3
## 3584	8757600	Aug	3
## 3585	7401900	Aug	3
## 3586	5620400	Aug	3
## 3587	4785900	Aug	3
## 3588	5205900	Aug	3
## 3589	3991100	Aug	3
## 3590	8275200	Aug	3
## 3591	7244200	Aug	3
## 3592	5313700	Aug	3
## 3593	7351600	Aug	3
## 3594	6248700	Aug	3
## 3595	3760800	Aug	3
## 3596	5310700	Aug	3
## 3597	4511000	Aug	3
## 3598	5915700	Aug	3
## 3599	7405000	Aug	3
## 3600	5275300	Sep	3
## 3601	4232000	Sep	3
## 3602	6216200	Sep	3
## 3603	5295800	Sep	3
## 3604	4397900	Sep	3
## 3605	4574300	Sep	3
## 3606	5342100	Sep	3
## 3607	4835900	Sep	3

## 3608	5881700	Sep	3
## 3609	5608800	Sep	3
## 3610	11753000	Sep	3
## 3611	8223300	Sep	3
## 3612	7385500	Sep	3
## 3613	5881500	Sep	3
## 3614	8254600	Sep	3
## 3615	6468100	Sep	3
## 3616	5794100	Sep	3
## 3617	7837500	Sep	3
## 3618	14436900	Sep	3
## 3619	9378500	Sep	3
## 3620	6550300	Sep	3
## 3621	6624400	Oct	3
## 3622	8711600	Oct	3
## 3623	6508200	Oct	3
## 3624	6849300	Oct	3
## 3625	6784300	Oct	3
## 3626	5143100	Oct	3
## 3627	5003700	Oct	3
## 3628	6510800	Oct	3
## 3629	4833500	Oct	3
## 3630	5923700	Oct	3
## 3631	4779000	Oct	3
## 3632	4609700	Oct	3
## 3633	6715100	Oct	3
## 3634	4524900	Oct	3
## 3635	4572500	Oct	3
## 3636	4975800	Oct	3
## 3637	14012600	Oct	3
## 3638	24134200	Oct	1
## 3639	10774300	Oct	3
## 3640	9880400	Oct	3
## 3641	7343300	Oct	3
## 3642	8511800	Nov	3
## 3643	6122000	Nov	3
## 3644	5315000	Nov	3
## 3645	4065800	Nov	3
## 3646	3860000	Nov	3
## 3647	3914500	Nov	3
## 3648	4680600	Nov	3
## 3649	5044600	Nov	3
## 3650	5163100	Nov	3
## 3651	6522200	Nov	3
## 3652	5739000	Nov	3
## 3653	5509400	Nov	3
## 3654	7983100	Nov	3
## 3655	8437500	Nov	3
## 3656	11321200	Nov	3
## 3657	9915600	Nov	3

## 3658	8011300	Nov	3
## 3659	4972000	Nov	3
## 3660	7207300	Nov	3
## 3661	6575100	Nov	3
## 3662	7717000	Nov	3
## 3663	7327700	Dec	3
## 3664	7526200	Dec	3
## 3665	5922100	Dec	3
## 3666	5202000	Dec	3
## 3667	6427300	Dec	3
## 3668	4361100	Dec	3
## 3669	5158800	Dec	3
## 3670	4343200	Dec	3
## 3671	9297300	Dec	3
## 3672	11614200	Dec	3
## 3673	7259900	Dec	3
## 3674	6664100	Dec	3
## 3675	4533600	Dec	3
## 3676	4600100	Dec	3
## 3677	8066700	Dec	3
## 3678	4694900	Dec	3
## 3679	3496500	Dec	3
## 3680	2950900	Dec	3
## 3681	3659500	Dec	3
## 3682	8209300	Dec	3
## 3683	4279800	Dec	3
## 3684	5110800	Jan	3
## 3685	4205200	Jan	3
## 3686	3809100	Jan	3
## 3687	7008400	Jan	3
## 3688	5056900	Jan	3
## 3689	3985800	Jan	3
## 3690	3102700	Jan	3
## 3691	5385800	Jan	3
## 3692	4753500	Jan	3
## 3693	5644500	Jan	3
## 3694	7473500	Jan	3
## 3695	7096000	Jan	3
## 3696	5610300	Jan	3
## 3697	4585300	Jan	3
## 3698	4673800	Jan	3
## 3699	4306400	Jan	3
## 3700	5873600	Jan	3
## 3701	4659000	Jan	3
## 3702	5424100	Jan	3
## 3703	12772200	Jan	3
## 3704	21336600	Feb	1
## 3705	8736300	Feb	3
## 3706	8120500	Feb	3
## 3707	5310000	Feb	3

## 3708	5103900	Feb	3
## 3709	5476600	Feb	3
## 3710	7189200	Feb	3
## 3711	5797100	Feb	3
## 3712	6071400	Feb	3
## 3713	9527100	Feb	3
## 3714	7794400	Feb	3
## 3715	12563800	Feb	3
## 3716	7418100	Feb	3
## 3717	6756500	Feb	3
## 3718	5785400	Feb	3
## 3719	5153800	Feb	3
## 3720	3668700	Feb	3
## 3721	3706200	Feb	3
## 3722	5764500	Feb	3
## 3723	5300300	Feb	3
## 3724	4936000	Mar	3
## 3725	3657800	Mar	3
## 3726	4682700	Mar	3
## 3727	5612200	Mar	3
## 3728	4951500	Mar	3
## 3729	4221500	Mar	3
## 3730	4510600	Mar	3
## 3731	2587600	Mar	3
## 3732	4405800	Mar	3
## 3733	3699700	Mar	3
## 3734	4160100	Mar	3
## 3735	4934000	Mar	3
## 3736	3903400	Mar	3
## 3737	9165400	Mar	3
## 3738	4214400	Mar	3
## 3739	3739600	Mar	3
## 3740	5984000	Mar	3
## 3741	7613700	Mar	3
## 3742	9600800	Mar	3
## 3743	6245000	Mar	3
## 3744	5711200	Mar	3
## 3745	4438100	Mar	3
## 3746	6430300	Apr	3
## 3747	5000700	Apr	3
## 3748	5456900	Apr	3
## 3749	3217500	Apr	3
## 3750	3135900	Apr	3
## 3751	4455000	Apr	3
## 3752	4337800	Apr	3
## 3753	4027900	Apr	3
## 3754	3431800	Apr	3
## 3755	4044300	Apr	3
## 3756	2829200	Apr	3
## 3757	4001900	Apr	3

## 3758	4002400	Apr	3
## 3759	3243600	Apr	3
## 3760	3481000	Apr	3
## 3761	3376300	Apr	3
## 3762	3955100	Apr	3
## 3763	10234000	Apr	3
## 3764	22116900	Apr	1
## 3765	9756900	Apr	3
## 3766	6754900	May	3
## 3767	4593400	May	3
## 3768	4055500	May	3
## 3769	4585200	May	3
## 3770	3314300	May	3
## 3771	4522400	May	3
## 3772	3712000	May	3
## 3773	4648400	May	3
## 3774	4193600	May	3
## 3775	3096600	May	3
## 3776	5713700	May	3
## 3777	5261800	May	3
## 3778	4505500	May	3
## 3779	5231700	May	3
## 3780	3579800	May	3
## 3781	3733100	May	3
## 3782	4243800	May	3
## 3783	3141100	May	3
## 3784	2171400	May	3
## 3785	2693900	May	3
## 3786	4078200	May	3
## 3787	4944000	May	3
## 3788	3951500	Jun	3
## 3789	4299600	Jun	3
## 3790	3543900	Jun	3
## 3791	2710100	Jun	3
## 3792	3503900	Jun	3
## 3793	2877000	Jun	3
## 3794	3749100	Jun	3
## 3795	2833300	Jun	3
## 3796	2325200	Jun	3
## 3797	3060900	Jun	3
## 3798	3785200	Jun	3
## 3799	3369600	Jun	3
## 3800	2716600	Jun	3
## 3801	2444400	Jun	3
## 3802	2843000	Jun	3
## 3803	2187500	Jun	3
## 3804	2382300	Jun	3
## 3805	3754100	Jun	3
## 3806	2799200	Jun	3
## 3807	2994800	Jun	3

## 3808	3614400	Jun	3
## 3809	2330700	Jul	3
## 3810	1331700	Jul	3
## 3811	2682300	Jul	3
## 3812	3203200	Jul	3
## 3813	1922000	Jul	3
## 3814	2982100	Jul	3
## 3815	2734700	Jul	3
## 3816	2616200	Jul	3
## 3817	2221900	Jul	3
## 3818	2004200	Jul	3
## 3819	1987000	Jul	3
## 3820	2093000	Jul	3
## 3821	5449400	Jul	3
## 3822	4170000	Jul	3
## 3823	5515100	Jul	3
## 3824	5008700	Jul	3
## 3825	3646700	Jul	3
## 3826	6937400	Jul	3
## 3827	11313900	Jul	3
## 3828	3736400	Jul	3
## 3829	3453600	Jul	3
## 3830	2543800	Aug	3
## 3831	3048100	Aug	3
## 3832	2825300	Aug	3
## 3833	1843700	Aug	3
## 3834	2058300	Aug	3
## 3835	1534300	Aug	3
## 3836	1548100	Aug	3
## 3837	1852500	Aug	3
## 3838	1997300	Aug	3
## 3839	2751000	Aug	3
## 3840	3264700	Aug	3
## 3841	4312100	Aug	3
## 3842	3085800	Aug	3
## 3843	1889900	Aug	3
## 3844	2571500	Aug	3
## 3845	2473700	Aug	3
## 3846	2453900	Aug	3
## 3847	3698800	Aug	3
## 3848	2929700	Aug	3
## 3849	2742300	Aug	3
## 3850	1772600	Aug	3
## 3851	3647500	Aug	3
## 3852	3347500	Aug	3
## 3853	3950800	Sep	3
## 3854	2652600	Sep	3
## 3855	5361400	Sep	3
## 3856	5029500	Sep	3
## 3857	2567200	Sep	3

## 3858	2524800	Sep	3
## 3859	2273200	Sep	3
## 3860	3525600	Sep	3
## 3861	3666200	Sep	3
## 3862	2306300	Sep	3
## 3863	2215000	Sep	3
## 3864	2636800	Sep	3
## 3865	2913600	Sep	3
## 3866	6059300	Sep	3
## 3867	2707900	Sep	3
## 3868	4405800	Sep	3
## 3869	2920500	Sep	3
## 3870	3397400	Sep	3
## 3871	2456600	Sep	3
## 3872	2581200	Oct	3
## 3873	2195800	Oct	3
## 3874	2745600	Oct	3
## 3875	2700400	Oct	3
## 3876	2806500	Oct	3
## 3877	1762300	Oct	3
## 3878	3494800	Oct	3
## 3879	3948300	Oct	3
## 3880	3447300	Oct	3
## 3881	2203200	Oct	3
## 3882	2959800	Oct	3
## 3883	2204100	Oct	3
## 3884	3302700	Oct	3
## 3885	5305300	Oct	3
## 3886	4395300	Oct	3
## 3887	4500000	Oct	3
## 3888	4430800	Oct	3
## 3889	3678700	Oct	3
## 3890	6741300	Oct	3
## 3891	11367500	Oct	3
## 3892	4797600	Oct	3
## 3893	3905100	Nov	3
## 3894	3374700	Nov	3
## 3895	1846100	Nov	3
## 3896	2661300	Nov	3
## 3897	3624200	Nov	3
## 3898	2982400	Nov	3
## 3899	3092500	Nov	3
## 3900	2128800	Nov	3
## 3901	2629800	Nov	3
## 3902	3034100	Nov	3
## 3903	3404700	Nov	3
## 3904	4352800	Nov	3
## 3905	3591200	Nov	3
## 3906	2771700	Nov	3
## 3907	2959300	Nov	3

## 3908	1776800	Nov	3
## 3909	4178300	Nov	3
## 3910	3048500	Nov	3
## 3911	2743400	Nov	3
## 3912	5310500	Nov	3
## 3913	3797400	Nov	3
## 3914	2990600	Dec	3
## 3915	3114700	Dec	3
## 3916	2852200	Dec	3
## 3917	3557900	Dec	3
## 3918	2170300	Dec	3
## 3919	3503800	Dec	3
## 3920	4185200	Dec	3
## 3921	2628100	Dec	3
## 3922	2460200	Dec	3
## 3923	2526900	Dec	3
## 3924	2277000	Dec	3
## 3925	4961000	Dec	3
## 3926	2300000	Dec	3
## 3927	2584600	Dec	3
## 3928	4704600	Dec	3
## 3929	984400	Dec	3
## 3930	4152700	Dec	3
## 3931	3639300	Dec	3
## 3932	1858700	Dec	3
## 3933	3419000	Dec	3
## 3934	3271000	Jan	3
## 3935	2750900	Jan	3
## 3936	1874200	Jan	3
## 3937	4910000	Jan	3
## 3938	3010700	Jan	3
## 3939	2265600	Jan	3
## 3940	2863400	Jan	3
## 3941	2413300	Jan	3
## 3942	4275000	Jan	3
## 3943	2326900	Jan	3
## 3944	2065600	Jan	3
## 3945	1884600	Jan	3
## 3946	2942000	Jan	3
## 3947	2137700	Jan	3
## 3948	2508900	Jan	3
## 3949	3417000	Jan	3
## 3950	4968100	Jan	3
## 3951	4321400	Jan	3
## 3952	10172600	Jan	3
## 3953	13075400	Jan	3
## 3954	6772100	Jan	3
## 3955	6115000	Feb	3
## 3956	3723600	Feb	3
## 3957	4012900	Feb	3

## 3958	2770400	Feb	3
## 3959	3975700	Feb	3
## 3960	3879200	Feb	3
## 3961	3403700	Feb	3
## 3962	2943700	Feb	3
## 3963	5293000	Feb	3
## 3964	3463000	Feb	3
## 3965	3979900	Feb	3
## 3966	2854200	Feb	3
## 3967	3528900	Feb	3
## 3968	3637400	Feb	3
## 3969	3124800	Feb	3
## 3970	3032400	Feb	3
## 3971	3348600	Feb	3
## 3972	2908100	Feb	3
## 3973	2667200	Feb	3
## 3974	2957000	Mar	3
## 3975	3453000	Mar	3
## 3976	3686200	Mar	3
## 3977	2050700	Mar	3
## 3978	1939000	Mar	3
## 3979	1879800	Mar	3
## 3980	1904900	Mar	3
## 3981	3246200	Mar	3
## 3982	1884200	Mar	3
## 3983	5226700	Mar	3
## 3984	4865900	Mar	3
## 3985	2720200	Mar	3
## 3986	3738500	Mar	3
## 3987	2738900	Mar	3
## 3988	2806400	Mar	3
## 3989	3124600	Mar	3
## 3990	2513900	Mar	3
## 3991	2421000	Mar	3
## 3992	2874900	Mar	3
## 3993	2473700	Mar	3
## 3994	2524800	Apr	3
## 3995	2631100	Apr	3
## 3996	2413800	Apr	3
## 3997	1964400	Apr	3
## 3998	2557400	Apr	3
## 3999	2295600	Apr	3
## 4000	2156600	Apr	3
## 4001	2322500	Apr	3
## 4002	3090500	Apr	3
## 4003	2866300	Apr	3
## 4004	3326000	Apr	3
## 4005	2137200	Apr	3
## 4006	3135100	Apr	3
## 4007	3137600	Apr	3

## 4008	2602500	Apr	3
## 4009	2119100	Apr	3
## 4010	2270600	Apr	3
## 4011	1852800	Apr	3
## 4012	6116500	Apr	3
## 4013	14030000	Apr	3
## 4014	7117000	Apr	3
## 4015	4248800	Apr	3
## 4016	4391400	May	3
## 4017	3936200	May	3
## 4018	3514000	May	3
## 4019	2347800	May	3
## 4020	3133700	May	3
## 4021	2677000	May	3
## 4022	2769300	May	3
## 4023	3145300	May	3
## 4024	2149500	May	3
## 4025	2700000	May	3
## 4026	2720500	May	3
## 4027	1643500	May	3
## 4028	2527300	May	3
## 4029	2209000	May	3
## 4030	1741200	May	3
## 4031	3332000	May	3
## 4032	2000300	May	3
## 4033	1696300	May	3
## 4034	3471000	May	3
## 4035	1903400	May	3
## 4036	1667500	May	3
## 4037	3374300	May	3
## 4038	2543900	Jun	3
## 4039	2088600	Jun	3
## 4040	3512300	Jun	3
## 4041	2476300	Jun	3
## 4042	4632600	Jun	3
## 4043	3086500	Jun	3
## 4044	3097800	Jun	3
## 4045	2238900	Jun	3
## 4046	2649800	Jun	3
## 4047	2150800	Jun	3
## 4048	2884000	Jun	3
## 4049	2146100	Jun	3
## 4050	2827500	Jun	3
## 4051	2984000	Jun	3
## 4052	4201000	Jun	3
## 4053	3863800	Jun	3
## 4054	2449600	Jun	3
## 4055	3029500	Jun	3
## 4056	2519500	Jun	3
## 4057	3193300	Jun	3

## 4058	2888200	Jul	3
## 4059	3238200	Jul	3
## 4060	1373000	Jul	3
## 4061	1985400	Jul	3
## 4062	3046700	Jul	3
## 4063	2775600	Jul	3
## 4064	1810200	Jul	3
## 4065	4007300	Jul	3
## 4066	4539300	Jul	3
## 4067	2245600	Jul	3
## 4068	2660200	Jul	3
## 4069	2029700	Jul	3
## 4070	3063800	Jul	3
## 4071	2973100	Jul	3
## 4072	2520700	Jul	3
## 4073	1999600	Jul	3
## 4074	2000500	Jul	3
## 4075	5405800	Jul	3
## 4076	8817500	Jul	3
## 4077	3211800	Jul	3
## 4078	3053400	Jul	3
## 4079	1891300	Jul	3
## 4080	2971700	Aug	3
## 4081	2502600	Aug	3
## 4082	2233200	Aug	3
## 4083	1849000	Aug	3
## 4084	1961000	Aug	3
## 4085	2343400	Aug	3
## 4086	1950300	Aug	3
## 4087	1504500	Aug	3
## 4088	2349900	Aug	3
## 4089	1415000	Aug	3
## 4090	2261400	Aug	3
## 4091	2422500	Aug	3
## 4092	2477400	Aug	3
## 4093	1586300	Aug	3
## 4094	1815300	Aug	3
## 4095	1422600	Aug	3
## 4096	1961900	Aug	3
## 4097	1711700	Aug	3
## 4098	2476000	Aug	3
## 4099	1457100	Aug	3
## 4100	1566400	Aug	3
## 4101	1534700	Aug	3
## 4102	2897600	Sep	3
## 4103	2438600	Sep	3
## 4104	1816600	Sep	3
## 4105	2292000	Sep	3
## 4106	1643600	Sep	3
## 4107	1778400	Sep	3

## 4108	1742600	Sep	3
## 4109	1606200	Sep	3
## 4110	1350600	Sep	3
## 4111	1808400	Sep	3
## 4112	2296500	Sep	3
## 4113	2946400	Sep	3
## 4114	2350900	Sep	3
## 4115	5302300	Sep	3
## 4116	1884900	Sep	3
## 4117	2033600	Sep	3
## 4118	2008600	Sep	3
## 4119	1989900	Sep	3
## 4120	1657500	Sep	3
## 4121	1623600	Sep	3
## 4122	2396400	Oct	3
## 4123	2217400	Oct	3
## 4124	2674800	Oct	3
## 4125	1815000	Oct	3
## 4126	2083200	Oct	3
## 4127	3166200	Oct	3
## 4128	3247400	Oct	3
## 4129	2555100	Oct	3
## 4130	2163100	Oct	3
## 4131	1939100	Oct	3
## 4132	2261100	Oct	3
## 4133	2170700	Oct	3
## 4134	2648400	Oct	3
## 4135	5969800	Oct	3
## 4136	2522300	Oct	3
## 4137	3935500	Oct	3
## 4138	2818200	Oct	3
## 4139	5884700	Oct	3
## 4140	12036800	Oct	3
## 4141	3635800	Oct	3
## 4142	2185400	Oct	3
## 4143	4502200	Oct	3
## 4144	2466800	Oct	3
## 4145	3331000	Nov	3
## 4146	1938400	Nov	3
## 4147	2007100	Nov	3
## 4148	2282300	Nov	3
## 4149	4246300	Nov	3
## 4150	2656900	Nov	3
## 4151	2261700	Nov	3
## 4152	2343100	Nov	3
## 4153	2773300	Nov	3
## 4154	4159800	Nov	3
## 4155	4491600	Nov	3
## 4156	2737400	Nov	3
## 4157	1904800	Nov	3

## 4158	1771500	Nov	3
## 4159	1964600	Nov	3
## 4160	2965500	Nov	3
## 4161	2972300	Nov	3
## 4162	2724400	Nov	3
## 4163	2269700	Nov	3
## 4164	2406000	Nov	3
## 4165	4714000	Dec	3
## 4166	3702900	Dec	3
## 4167	2355300	Dec	3
## 4168	1906500	Dec	3
## 4169	1984700	Dec	3
## 4170	2761800	Dec	3
## 4171	2736800	Dec	3
## 4172	2451300	Dec	3
## 4173	2123700	Dec	3
## 4174	3025000	Dec	3
## 4175	2251700	Dec	3
## 4176	2343900	Dec	3
## 4177	3489100	Dec	3
## 4178	2427200	Dec	3
## 4179	5033900	Dec	3
## 4180	2659500	Dec	3
## 4181	1380400	Dec	3
## 4182	1868500	Dec	3
## 4183	1986900	Dec	3
## 4184	2487100	Dec	3
## 4185	1996500	Dec	3
## 4186	2137800	Jan	3
## 4187	2210200	Jan	3
## 4188	3170600	Jan	3
## 4189	1916000	Jan	3
## 4190	2316500	Jan	3
## 4191	2103000	Jan	3
## 4192	2679500	Jan	3
## 4193	2844900	Jan	3
## 4194	2340100	Jan	3
## 4195	2678300	Jan	3
## 4196	2601200	Jan	3
## 4197	4505100	Jan	3
## 4198	3122100	Jan	3
## 4199	2060500	Jan	3
## 4200	3025400	Jan	3
## 4201	4458400	Jan	3
## 4202	3936800	Jan	3
## 4203	2894500	Jan	3
## 4204	3382300	Jan	3
## 4205	10473900	Jan	3
## 4206	16154800	Jan	3
## 4207	10280800	Feb	3

## 4208	4812900	Feb	3
## 4209	4435400	Feb	3
## 4210	3335700	Feb	3
## 4211	4330500	Feb	3
## 4212	3449700	Feb	3
## 4213	3222100	Feb	3
## 4214	6587700	Feb	3
## 4215	4175000	Feb	3
## 4216	3520200	Feb	3
## 4217	4998000	Feb	3
## 4218	4168100	Feb	3
## 4219	3492800	Feb	3
## 4220	4210000	Feb	3
## 4221	3644700	Feb	3
## 4222	3736400	Feb	3
## 4223	3622100	Feb	3
## 4224	3104900	Feb	3
## 4225	3882000	Feb	3
## 4226	2798300	Mar	3
## 4227	2704400	Mar	3
## 4228	3848300	Mar	3
## 4229	2926600	Mar	3
## 4230	2279800	Mar	3
## 4231	2105800	Mar	3
## 4232	2246100	Mar	3
## 4233	2216600	Mar	3
## 4234	6829000	Mar	3
## 4235	4402200	Mar	3
## 4236	2303000	Mar	3
## 4237	2483500	Mar	3
## 4238	2646700	Mar	3
## 4239	2558500	Mar	3
## 4240	5414100	Mar	3
## 4241	4873500	Mar	3
## 4242	4445700	Mar	3
## 4243	4120700	Mar	3
## 4244	5766400	Mar	3
## 4245	3986800	Mar	3
## 4246	4297500	Mar	3
## 4247	3600100	Apr	3
## 4248	4475500	Apr	3
## 4249	6399300	Apr	3
## 4250	12534600	Apr	3
## 4251	7077400	Apr	3
## 4252	6577600	Apr	3
## 4253	5056600	Apr	3
## 4254	6126700	Apr	3
## 4255	7287500	Apr	3
## 4256	4293500	Apr	3
## 4257	5398600	Apr	3

## 4258	4284900	Apr	3
## 4259	4299200	Apr	3
## 4260	2999400	Apr	3
## 4261	3711600	Apr	3
## 4262	3604600	Apr	3
## 4263	9293700	Apr	3
## 4264	16180200	Apr	3
## 4265	14479800	Apr	3
## 4266	6509300	Apr	3
## 4267	4088600	Apr	3
## 4268	4328600	May	3
## 4269	3995100	May	3
## 4270	2519900	May	3
## 4271	4682300	May	3
## 4272	7015200	May	3
## 4273	3848200	May	3
## 4274	4063000	May	3
## 4275	3729600	May	3
## 4276	3509900	May	3
## 4277	3323300	May	3
## 4278	4295100	May	3
## 4279	3636800	May	3
## 4280	2284200	May	3
## 4281	4095700	May	3
## 4282	3408800	May	3
## 4283	2576800	May	3
## 4284	3052900	May	3
## 4285	4862100	May	3
## 4286	2726000	May	3
## 4287	2365500	May	3
## 4288	4260200	May	3
## 4289	2203400	Jun	3
## 4290	2379200	Jun	3
## 4291	2107100	Jun	3
## 4292	7796700	Jun	3
## 4293	5244000	Jun	3
## 4294	3212200	Jun	3
## 4295	3663400	Jun	3
## 4296	4436800	Jun	3
## 4297	4276300	Jun	3
## 4298	2764800	Jun	3
## 4299	2449800	Jun	3
## 4300	2924100	Jun	3
## 4301	6401500	Jun	3
## 4302	5320600	Jun	3
## 4303	6054000	Jun	3
## 4304	2604800	Jun	3
## 4305	2626600	Jun	3
## 4306	2327800	Jun	3
## 4307	2699500	Jun	3

## 4308	2416200	Jun	3
## 4309	2671300	Jun	3
## 4310	3173600	Jul	3
## 4311	2681300	Jul	3
## 4312	1944300	Jul	3
## 4313	2128900	Jul	3
## 4314	4271600	Jul	3
## 4315	3166100	Jul	3
## 4316	2665000	Jul	3
## 4317	8300800	Jul	3
## 4318	5609900	Jul	3
## 4319	4170900	Jul	3
## 4320	3503600	Jul	3
## 4321	3636000	Jul	3
## 4322	3407400	Jul	3
## 4323	2278400	Jul	3
## 4324	2888900	Jul	3
## 4325	2687300	Jul	3
## 4326	7088700	Jul	3
## 4327	17846500	Jul	3
## 4328	5932000	Jul	3
## 4329	2883800	Jul	3
## 4330	3969000	Jul	3
## 4331	5192000	Jul	3
## 4332	7441500	Aug	3
## 4333	4200900	Aug	3
## 4334	2852100	Aug	3
## 4335	2296900	Aug	3
## 4336	2935600	Aug	3
## 4337	2705900	Aug	3
## 4338	2468600	Aug	3
## 4339	1915800	Aug	3
## 4340	4939100	Aug	3
## 4341	3420400	Aug	3
## 4342	3896700	Aug	3
## 4343	2485400	Aug	3
## 4344	1713800	Aug	3
## 4345	1810500	Aug	3
## 4346	1971100	Aug	3
## 4347	2211200	Aug	3
## 4348	1957700	Aug	3
## 4349	3654700	Aug	3
## 4350	2961600	Aug	3
## 4351	2252700	Aug	3
## 4352	1939500	Aug	3
## 4353	2326000	Sep	3
## 4354	1993700	Sep	3
## 4355	3965600	Sep	3
## 4356	2107000	Sep	3
## 4357	2955300	Sep	3

## 4358	4646800	Sep	3
## 4359	3797400	Sep	3
## 4360	2720200	Sep	3
## 4361	3429300	Sep	3
## 4362	4000400	Sep	3
## 4363	3259900	Sep	3
## 4364	4136000	Sep	3
## 4365	2576900	Sep	3
## 4366	6886200	Sep	3
## 4367	3109700	Sep	3
## 4368	2352600	Sep	3
## 4369	2642200	Sep	3
## 4370	2928800	Sep	3
## 4371	3638000	Sep	3
## 4372	1924600	Sep	3
## 4373	2636200	Sep	3
## 4374	3089100	Oct	3
## 4375	3553900	Oct	3
## 4376	3037400	Oct	3
## 4377	2290300	Oct	3
## 4378	2365400	Oct	3
## 4379	3452800	Oct	3
## 4380	3587900	Oct	3
## 4381	3681900	Oct	3
## 4382	4363900	Oct	3
## 4383	3385800	Oct	3
## 4384	5343900	Oct	3
## 4385	4731300	Oct	3
## 4386	4405100	Oct	3
## 4387	3234500	Oct	3
## 4388	3559300	Oct	3
## 4389	3125900	Oct	3
## 4390	9038200	Oct	3
## 4391	19801100	Oct	1
## 4392	5950600	Oct	3
## 4393	5572600	Oct	3
## 4394	4881900	Oct	3
## 4395	4055200	Oct	3
## 4396	4550700	Oct	3
## 4397	3242500	Nov	3
## 4398	3427400	Nov	3
## 4399	4674500	Nov	3
## 4400	3758100	Nov	3
## 4401	2647400	Nov	3
## 4402	2809100	Nov	3
## 4403	3803600	Nov	3
## 4404	2183000	Nov	3
## 4405	3686400	Nov	3
## 4406	8877800	Nov	3
## 4407	4784900	Nov	3

## 4408	3549500	Nov	3
## 4409	3281600	Nov	3
## 4410	3436700	Nov	3
## 4411	4466600	Nov	3
## 4412	2754200	Nov	3
## 4413	2565000	Nov	3
## 4414	1983600	Nov	3
## 4415	3051800	Nov	3
## 4416	4944900	Dec	3
## 4417	2790300	Dec	3
## 4418	5681000	Dec	3
## 4419	3290300	Dec	3
## 4420	3265200	Dec	3
## 4421	3639200	Dec	3
## 4422	4049500	Dec	3
## 4423	3245900	Dec	3
## 4424	3262900	Dec	3
## 4425	3153500	Dec	3
## 4426	3841600	Dec	3
## 4427	6501300	Dec	3
## 4428	4433500	Dec	3
## 4429	7738100	Dec	3
## 4430	8709100	Dec	3
## 4431	4003800	Dec	3
## 4432	2713700	Dec	3
## 4433	1513800	Dec	3
## 4434	2893800	Dec	3
## 4435	3009000	Dec	3
## 4436	2093000	Dec	3
## 4437	2048000	Dec	3
## 4438	2783200	Jan	3
## 4439	2774200	Jan	3
## 4440	3519000	Jan	3
## 4441	2640300	Jan	3
## 4442	3088400	Jan	3
## 4443	2592400	Jan	3
## 4444	3421400	Jan	3
## 4445	4136400	Jan	3
## 4446	5538700	Jan	3
## 4447	4419200	Jan	3
## 4448	3478200	Jan	3
## 4449	3075100	Jan	3
## 4450	10065100	Jan	3
## 4451	5362600	Jan	3
## 4452	4496400	Jan	3
## 4453	3169700	Jan	3
## 4454	2920300	Jan	3
## 4455	3063800	Jan	3
## 4456	8656600	Jan	3
## 4457	23856100	Jan	1

## 4458	10231900	Feb	3
## 4459	6212600	Feb	3
## 4460	4169900	Feb	3
## 4461	7247600	Feb	3
## 4462	3892400	Feb	3
## 4463	2724600	Feb	3
## 4464	2287200	Feb	3
## 4465	2786500	Feb	3
## 4466	2791100	Feb	3
## 4467	3475100	Feb	3
## 4468	3673200	Feb	3
## 4469	2650600	Feb	3
## 4470	2953800	Feb	3
## 4471	3258000	Feb	3
## 4472	2177000	Feb	3
## 4473	1920800	Feb	3
## 4474	3174500	Feb	3
## 4475	2687100	Feb	3
## 4476	2532300	Feb	3
## 4477	2139200	Mar	3
## 4478	1946500	Mar	3
## 4479	2259100	Mar	3
## 4480	2693500	Mar	3
## 4481	2627000	Mar	3
## 4482	2311400	Mar	3
## 4483	3121000	Mar	3
## 4484	2495100	Mar	3
## 4485	2810000	Mar	3
## 4486	2611700	Mar	3
## 4487	2354100	Mar	3
## 4488	2037000	Mar	3
## 4489	2654100	Mar	3
## 4490	1915700	Mar	3
## 4491	3763600	Mar	3
## 4492	2239300	Mar	3
## 4493	2228200	Mar	3
## 4494	3429500	Mar	3
## 4495	2930000	Mar	3
## 4496	2609800	Mar	3
## 4497	1820900	Mar	3
## 4498	2506100	Mar	3
## 4499	2458100	Apr	3
## 4500	1875300	Apr	3
## 4501	3050700	Apr	3
## 4502	1954900	Apr	3
## 4503	2636400	Apr	3
## 4504	2392300	Apr	3
## 4505	2573500	Apr	3
## 4506	1894500	Apr	3
## 4507	2583600	Apr	3

## 4508	1933200	Apr	3
## 4509	2080400	Apr	3
## 4510	3839700	Apr	3
## 4511	5016100	Apr	3
## 4512	4643500	Apr	3
## 4513	3474700	Apr	3
## 4514	7980000	Apr	3
## 4515	17176900	Apr	3
## 4516	5430900	Apr	3
## 4517	4140500	Apr	3
## 4518	3621700	Apr	3
## 4519	3647900	Apr	3
## 4520	3565800	May	3
## 4521	2270400	May	3
## 4522	2856400	May	3
## 4523	2552500	May	3
## 4524	2766100	May	3
## 4525	2908800	May	3
## 4526	2393700	May	3
## 4527	1947800	May	3
## 4528	1996300	May	3
## 4529	1888500	May	3
## 4530	4240300	May	3
## 4531	2390200	May	3
## 4532	2464200	May	3
## 4533	2196200	May	3
## 4534	4121400	May	3
## 4535	2020600	May	3
## 4536	2244200	May	3
## 4537	2231100	May	3
## 4538	1912400	May	3
## 4539	3016100	May	3
## 4540	2253300	Jun	3
## 4541	1668900	Jun	3
## 4542	2727900	Jun	3
## 4543	2510800	Jun	3
## 4544	1907900	Jun	3
## 4545	2172500	Jun	3
## 4546	2288700	Jun	3
## 4547	2172300	Jun	3
## 4548	2922500	Jun	3
## 4549	2054400	Jun	3
## 4550	2051000	Jun	3
## 4551	2296400	Jun	3
## 4552	2185900	Jun	3
## 4553	3378400	Jun	3
## 4554	4495100	Jun	3
## 4555	1823600	Jun	3
## 4556	3245000	Jun	3
## 4557	2620800	Jun	3

## 4558	2237500	Jun	3
## 4559	2624500	Jun	3
## 4560	2753200	Jun	3
## 4561	2596900	Jun	3
## 4562	1987100	Jul	3
## 4563	1343400	Jul	3
## 4564	1903200	Jul	3
## 4565	3454200	Jul	3
## 4566	2383100	Jul	3
## 4567	2271400	Jul	3
## 4568	2401000	Jul	3
## 4569	3956800	Jul	3
## 4570	4736200	Jul	3
## 4571	2987400	Jul	3
## 4572	4095600	Jul	3
## 4573	4932200	Jul	3
## 4574	4752500	Jul	3
## 4575	3181800	Jul	3
## 4576	3114900	Jul	3
## 4577	9374400	Jul	3
## 4578	21909400	Jul	1
## 4579	7491000	Jul	3
## 4580	5273100	Jul	3
## 4581	3752600	Jul	3
## 4582	3743100	Jul	3
## 4583	3025600	Jul	3
## 4584	3014200	Aug	3
## 4585	2934600	Aug	3
## 4586	2889400	Aug	3
## 4587	3820500	Aug	3
## 4588	3969200	Aug	3
## 4589	2615900	Aug	3
## 4590	2676600	Aug	3
## 4591	3962300	Aug	3
## 4592	2895200	Aug	3
## 4593	1994800	Aug	3
## 4594	2581700	Aug	3
## 4595	2071300	Aug	3
## 4596	2324000	Aug	3
## 4597	4408000	Aug	3
## 4598	6706500	Aug	3
## 4599	10097600	Aug	3
## 4600	5679300	Aug	3
## 4601	6358600	Aug	3
## 4602	6114500	Aug	3
## 4603	2746700	Aug	3
## 4604	3002300	Aug	3
## 4605	3864500	Sep	3
## 4606	3707100	Sep	3
## 4607	3149700	Sep	3

## 4608	2692500	Sep	3
## 4609	3810700	Sep	3
## 4610	4370700	Sep	3
## 4611	2576000	Sep	3
## 4612	3227900	Sep	3
## 4613	3130200	Sep	3
## 4614	2865900	Sep	3
## 4615	2252800	Sep	3
## 4616	4169500	Sep	3
## 4617	6160100	Sep	3
## 4618	3283300	Sep	3
## 4619	3841700	Sep	3
## 4620	2237600	Sep	3
## 4621	3501000	Sep	3
## 4622	4031000	Sep	3
## 4623	5434500	Sep	3
## 4624	4457500	Sep	3
## 4625	4004700	Sep	3
## 4626	3768500	Oct	3
## 4627	4597800	Oct	3
## 4628	3391400	Oct	3
## 4629	4502800	Oct	3
## 4630	3812100	Oct	3
## 4631	4676400	Oct	3
## 4632	3537400	Oct	3
## 4633	2776100	Oct	3
## 4634	2938000	Oct	3
## 4635	3582100	Oct	3
## 4636	4937000	Oct	3
## 4637	4315800	Oct	3
## 4638	4375400	Oct	3
## 4639	4346200	Oct	3
## 4640	3343600	Oct	3
## 4641	7779400	Oct	3
## 4642	10692700	Oct	3
## 4643	4269700	Oct	3
## 4644	3787100	Oct	3
## 4645	3926200	Oct	3
## 4646	3896000	Oct	3
## 4647	3874400	Oct	3
## 4648	2816500	Nov	3
## 4649	3246900	Nov	3
## 4650	4840500	Nov	3
## 4651	4723800	Nov	3
## 4652	4092200	Nov	3
## 4653	4048800	Nov	3
## 4654	3489500	Nov	3
## 4655	5387300	Nov	3
## 4656	4284700	Nov	3
## 4657	6261100	Nov	3

## 4658	7435900	Nov	3
## 4659	4320200	Nov	3
## 4660	4469800	Nov	3
## 4661	4705200	Nov	3
## 4662	3896100	Nov	3
## 4663	4385100	Nov	3
## 4664	4543400	Nov	3
## 4665	2697900	Nov	3
## 4666	1966800	Nov	3
## 4667	5693200	Nov	3
## 4668	4751200	Dec	3
## 4669	4273500	Dec	3
## 4670	5064700	Dec	3
## 4671	4534800	Dec	3
## 4672	3732800	Dec	3
## 4673	3651900	Dec	3
## 4674	5158200	Dec	3
## 4675	3455500	Dec	3
## 4676	5474400	Dec	3
## 4677	4329700	Dec	3
## 4678	4753400	Dec	3
## 4679	3964500	Dec	3
## 4680	3681600	Dec	3
## 4681	6841300	Dec	3
## 4682	3250900	Dec	3
## 4683	2667800	Dec	3
## 4684	2722900	Dec	3
## 4685	1091200	Dec	3
## 4686	3783600	Dec	3
## 4687	5735000	Dec	3
## 4688	3519000	Dec	3
## 4689	3749600	Dec	3
## 4690	9314500	Jan	3
## 4691	5822600	Jan	3
## 4692	5329200	Jan	3
## 4693	7074900	Jan	3
## 4694	5512900	Jan	3
## 4695	4891600	Jan	3
## 4696	4724100	Jan	3
## 4697	7655200	Jan	3
## 4698	7238000	Jan	3
## 4699	7784500	Jan	3
## 4700	4807200	Jan	3
## 4701	7966400	Jan	3
## 4702	4952200	Jan	3
## 4703	5120100	Jan	3
## 4704	4396100	Jan	3
## 4705	3765700	Jan	3
## 4706	5152900	Jan	3
## 4707	14015200	Jan	3

## 4708	14677600	Jan	3
## 4709	6355100	Feb	3
## 4710	6312000	Feb	3
## 4711	10048700	Feb	3
## 4712	6199100	Feb	3
## 4713	9708900	Feb	3
## 4714	9825500	Feb	3
## 4715	7077900	Feb	3
## 4716	6786200	Feb	3
## 4717	7397400	Feb	3
## 4718	5384800	Feb	3
## 4719	5118500	Feb	3
## 4720	4824000	Feb	3
## 4721	4735000	Feb	3
## 4722	4974700	Feb	3
## 4723	5566600	Feb	3
## 4724	4050800	Feb	3
## 4725	6231700	Feb	3
## 4726	4525500	Feb	3
## 4727	4877000	Feb	3
## 4728	4145400	Feb	3
## 4729	5038500	Mar	3
## 4730	4582200	Mar	3
## 4731	2741300	Mar	3
## 4732	3416500	Mar	3
## 4733	4926900	Mar	3
## 4734	4730000	Mar	3
## 4735	4377300	Mar	3
## 4736	3919900	Mar	3
## 4737	3771300	Mar	3
## 4738	3454200	Mar	3
## 4739	3876800	Mar	3
## 4740	3537700	Mar	3
## 4741	5928100	Mar	3
## 4742	7296900	Mar	3
## 4743	5155700	Mar	3
## 4744	4000600	Mar	3
## 4745	3983700	Mar	3
## 4746	5185500	Mar	3
## 4747	3121500	Mar	3
## 4748	4392600	Mar	3
## 4749	3890500	Mar	3
## 4750	2681800	Mar	3
## 4751	2917400	Apr	3
## 4752	2470800	Apr	3
## 4753	2308900	Apr	3
## 4754	2849900	Apr	3
## 4755	3189000	Apr	3
## 4756	2591900	Apr	3
## 4757	2704300	Apr	3

## 4758	2641100	Apr	3
## 4759	4228300	Apr	3
## 4760	3512100	Apr	3
## 4761	2887700	Apr	3
## 4762	4360900	Apr	3
## 4763	4055900	Apr	3
## 4764	2609400	Apr	3
## 4765	2596300	Apr	3
## 4766	5083900	Apr	3
## 4767	2682900	Apr	3
## 4768	2521400	Apr	3
## 4769	4068800	Apr	3
## 4770	7872600	Apr	3
## 4771	10310700	Apr	3
## 4772	6578500	May	3
## 4773	4923400	May	3
## 4774	4635500	May	3
## 4775	4884100	May	3
## 4776	4365300	May	3
## 4777	3982200	May	3
## 4778	6105600	May	3
## 4779	7338200	May	3
## 4780	5048200	May	3
## 4781	4763400	May	3
## 4782	5432900	May	3
## 4783	5121400	May	3
## 4784	4283200	May	3
## 4785	3025600	May	3
## 4786	2916200	May	3
## 4787	2595100	May	3
## 4788	3033800	May	3
## 4789	3267700	May	3
## 4790	2446700	May	3
## 4791	2249200	May	3
## 4792	3618300	May	3
## 4793	3263100	Jun	3
## 4794	3026600	Jun	3
## 4795	3367300	Jun	3
## 4796	2704800	Jun	3
## 4797	2732500	Jun	3
## 4798	2223400	Jun	3
## 4799	2170300	Jun	3
## 4800	3425700	Jun	3
## 4801	3352200	Jun	3
## 4802	2506900	Jun	3
## 4803	2709400	Jun	3
## 4804	3098000	Jun	3
## 4805	5897800	Jun	3
## 4806	3677200	Jun	3
## 4807	2137500	Jun	3

## 4808	2260500	Jun	3
## 4809	2825000	Jun	3
## 4810	7632500	Jun	3
## 4811	5568000	Jun	3
## 4812	4037000	Jun	3
## 4813	3070100	Jun	3
## 4814	2855100	Jun	3
## 4815	2920400	Jul	3
## 4816	2431400	Jul	3
## 4817	3938200	Jul	3
## 4818	2945800	Jul	3
## 4819	3429200	Jul	3
## 4820	3195300	Jul	3
## 4821	5623700	Jul	3
## 4822	4142300	Jul	3
## 4823	2390500	Jul	3
## 4824	3121400	Jul	3
## 4825	2954900	Jul	3
## 4826	2216800	Jul	3
## 4827	2214000	Jul	3
## 4828	2317100	Jul	3
## 4829	2277700	Jul	3
## 4830	2679300	Jul	3
## 4831	2529700	Jul	3
## 4832	2913100	Jul	3
## 4833	7617600	Jul	3
## 4834	6777100	Jul	3
## 4835	3578200	Aug	3
## 4836	3603300	Aug	3
## 4837	3581500	Aug	3
## 4838	3178200	Aug	3
## 4839	2704400	Aug	3
## 4840	1986300	Aug	3
## 4841	1876100	Aug	3
## 4842	1604300	Aug	3
## 4843	2019700	Aug	3
## 4844	1563300	Aug	3
## 4845	2118500	Aug	3
## 4846	1604600	Aug	3
## 4847	1891100	Aug	3
## 4848	1458800	Aug	3
## 4849	2343200	Aug	3
## 4850	1679300	Aug	3
## 4851	1524100	Aug	3
## 4852	1744100	Aug	3
## 4853	1623000	Aug	3
## 4854	2776800	Aug	3
## 4855	2198600	Aug	3
## 4856	1709200	Aug	3
## 4857	1633800	Aug	3

## 4858	1792300	Sep	3
## 4859	2181800	Sep	3
## 4860	3719800	Sep	3
## 4861	2424600	Sep	3
## 4862	2030500	Sep	3
## 4863	4257300	Sep	3
## 4864	3124700	Sep	3
## 4865	3117200	Sep	3
## 4866	2523000	Sep	3
## 4867	3034000	Sep	3
## 4868	5499200	Sep	3
## 4869	2297200	Sep	3
## 4870	1937200	Sep	3
## 4871	2718600	Sep	3
## 4872	4078900	Sep	3
## 4873	2353500	Sep	3
## 4874	2651400	Sep	3
## 4875	3819600	Sep	3
## 4876	4422100	Sep	3
## 4877	4922200	Sep	3
## 4878	4430600	Sep	3
## 4879	2769400	Oct	3
## 4880	2950300	Oct	3
## 4881	3469100	Oct	3
## 4882	2684000	Oct	3
## 4883	2426200	Oct	3
## 4884	1827100	Oct	3
## 4885	3588200	Oct	3
## 4886	2380400	Oct	3
## 4887	3091400	Oct	3
## 4888	2999800	Oct	3
## 4889	3361500	Oct	3
## 4890	2512500	Oct	3
## 4891	2090700	Oct	3
## 4892	3152000	Oct	3
## 4893	2793000	Oct	3
## 4894	4060900	Oct	3
## 4895	3248400	Oct	3
## 4896	3998100	Oct	3
## 4897	7406400	Oct	3
## 4898	10841100	Oct	3
## 4899	5413300	Oct	3
## 4900	5305400	Nov	3
## 4901	5026500	Nov	3
## 4902	3872500	Nov	3
## 4903	5122100	Nov	3
## 4904	5984400	Nov	3
## 4905	3412600	Nov	3
## 4906	8562900	Nov	3
## 4907	12747000	Nov	3

## 4908	6622800	Nov	3
## 4909	7321300	Nov	3
## 4910	6755800	Nov	3
## 4911	3648800	Nov	3
## 4912	3690100	Nov	3
## 4913	4373400	Nov	3
## 4914	4614600	Nov	3
## 4915	5311300	Nov	3
## 4916	3540300	Nov	3
## 4917	1837100	Nov	3
## 4918	4438800	Nov	3
## 4919	3272300	Nov	3
## 4920	4625900	Nov	3
## 4921	4666000	Dec	3
## 4922	3561300	Dec	3
## 4923	4314700	Dec	3
## 4924	3794700	Dec	3
## 4925	3684900	Dec	3
## 4926	3189600	Dec	3
## 4927	2470900	Dec	3
## 4928	2963900	Dec	3
## 4929	5285300	Dec	3
## 4930	5454800	Dec	3
## 4931	3801900	Dec	3
## 4932	4848200	Dec	3
## 4933	3113200	Dec	3
## 4934	2703600	Dec	3
## 4935	2044600	Dec	3
## 4936	2543600	Dec	3
## 4937	1981600	Dec	3
## 4938	2638700	Dec	3
## 4939	3301000	Dec	3
## 4940	3158300	Dec	3
## 4941	4139400	Dec	3
## 4942	3521100	Jan	3
## 4943	2510500	Jan	3
## 4944	5830100	Jan	3
## 4945	5986200	Jan	3
## 4946	3446100	Jan	3
## 4947	2558400	Jan	3
## 4948	2992800	Jan	3
## 4949	4873900	Jan	3
## 4950	3791900	Jan	3
## 4951	3670500	Jan	3
## 4952	2354200	Jan	3
## 4953	2540800	Jan	3
## 4954	3376200	Jan	3
## 4955	2797500	Jan	3
## 4956	2971700	Jan	3
## 4957	3922600	Jan	3

## 4958	3586300	Jan	3
## 4959	2998700	Jan	3
## 4960	3747300	Jan	3
## 4961	3137200	Jan	3
## 4962	3850200	Feb	3
## 4963	7350500	Feb	3
## 4964	10868800	Feb	3
## 4965	3897300	Feb	3
## 4966	3466100	Feb	3
## 4967	2858000	Feb	3
## 4968	2484900	Feb	3
## 4969	2429600	Feb	3
## 4970	4172600	Feb	3
## 4971	2792400	Feb	3
## 4972	2968900	Feb	3
## 4973	2714700	Feb	3
## 4974	3112300	Feb	3
## 4975	3507700	Feb	3
## 4976	2617000	Feb	3
## 4977	3462000	Feb	3
## 4978	3688000	Feb	3
## 4979	2713600	Feb	3
## 4980	2793700	Feb	3
## 4981	2760100	Mar	3
## 4982	2132100	Mar	3
## 4983	1941100	Mar	3
## 4984	2610400	Mar	3
## 4985	2247600	Mar	3
## 4986	2286500	Mar	3
## 4987	2048200	Mar	3
## 4988	2436400	Mar	3
## 4989	1909700	Mar	3
## 4990	2130600	Mar	3
## 4991	2562200	Mar	3
## 4992	1842300	Mar	3
## 4993	3384400	Mar	3
## 4994	2282700	Mar	3
## 4995	4382900	Mar	3
## 4996	2658700	Mar	3
## 4997	1953000	Mar	3
## 4998	2138300	Mar	3
## 4999	2755800	Mar	3
## 5000	3041600	Mar	3
## 5001	4485800	Mar	3
## 5002	2762700	Mar	3
## 5003	3957600	Mar	3
## 5004	3422300	Apr	3
## 5005	4984700	Apr	3
## 5006	7508400	Apr	3
## 5007	6344100	Apr	3

## 5008	3710900	Apr	3
## 5009	3184300	Apr	3
## 5010	3012700	Apr	3
## 5011	2456100	Apr	3
## 5012	3174600	Apr	3
## 5013	2854700	Apr	3
## 5014	2999200	Apr	3
## 5015	2870200	Apr	3
## 5016	2814400	Apr	3
## 5017	2420500	Apr	3
## 5018	3122900	Apr	3
## 5019	3380600	Apr	3
## 5020	2608900	Apr	3
## 5021	5305500	Apr	3
## 5022	7364700	Apr	3
## 5023	5466500	May	3
## 5024	3848800	May	3
## 5025	3582700	May	3
## 5026	2418400	May	3
## 5027	2866400	May	3
## 5028	3415700	May	3
## 5029	3262100	May	3
## 5030	2096500	May	3
## 5031	2194100	May	3
## 5032	3625900	May	3
## 5033	4270600	May	3
## 5034	3126100	May	3
## 5035	5145600	May	3
## 5036	3939300	May	3
## 5037	3972100	May	3
## 5038	2642200	May	3
## 5039	2415600	May	3
## 5040	2446000	May	3
## 5041	4822000	May	3
## 5042	3469200	May	3
## 5043	3263100	May	3
## 5044	3913100	May	3
## 5045	2454800	Jun	3
## 5046	3752300	Jun	3
## 5047	2719900	Jun	3
## 5048	3346400	Jun	3
## 5049	2823000	Jun	3
## 5050	2767900	Jun	3
## 5051	7647700	Jun	3
## 5052	9447200	Jun	3
## 5053	4580000	Jun	3
## 5054	3974900	Jun	3
## 5055	5373900	Jun	3
## 5056	11472700	Jun	3
## 5057	5043400	Jun	3

## 5058	4076800	Jun	3
## 5059	2922500	Jun	3
## 5060	2253400	Jun	3
## 5061	2879100	Jun	3
## 5062	3386200	Jun	3
## 5063	3782400	Jun	3
## 5064	3737600	Jun	3
## 5065	4303000	Jun	3
## 5066	3390300	Jun	3
## 5067	2909100	Jul	3
## 5068	3653000	Jul	3
## 5069	3259600	Jul	3
## 5070	2643400	Jul	3
## 5071	3546300	Jul	3
## 5072	2982700	Jul	3
## 5073	3608600	Jul	3
## 5074	2880800	Jul	3
## 5075	2102500	Jul	3
## 5076	3712600	Jul	3
## 5077	4007600	Jul	3
## 5078	2964000	Jul	3
## 5079	3097500	Jul	3
## 5080	2734600	Jul	3
## 5081	3288000	Jul	3
## 5082	2447600	Jul	3
## 5083	2921300	Jul	3
## 5084	10991700	Jul	3
## 5085	7709400	Jul	3
## 5086	7352100	Jul	3
## 5087	4572600	Aug	3
## 5088	4070000	Aug	3
## 5089	3255800	Aug	3
## 5090	2730300	Aug	3
## 5091	2676600	Aug	3
## 5092	2902800	Aug	3
## 5093	3569700	Aug	3
## 5094	5684100	Aug	3
## 5095	3468000	Aug	3
## 5096	3172900	Aug	3
## 5097	2549300	Aug	3
## 5098	3132100	Aug	3
## 5099	3512400	Aug	3
## 5100	3284800	Aug	3
## 5101	3164500	Aug	3
## 5102	2750000	Aug	3
## 5103	2668300	Aug	3
## 5104	5195700	Aug	3
## 5105	3324800	Aug	3
## 5106	2596700	Aug	3
## 5107	2874300	Aug	3

## 5108	2904600	Aug	3
## 5109	3331500	Aug	3
## 5110	2535900	Sep	3
## 5111	2883200	Sep	3
## 5112	2129900	Sep	3
## 5113	2566800	Sep	3
## 5114	2605300	Sep	3
## 5115	2186700	Sep	3
## 5116	2481100	Sep	3
## 5117	3374700	Sep	3
## 5118	3913300	Sep	3
## 5119	3760200	Sep	3
## 5120	3411300	Sep	3
## 5121	2671100	Sep	3
## 5122	2888800	Sep	3
## 5123	2337600	Sep	3
## 5124	2641800	Sep	3
## 5125	5124000	Sep	3
## 5126	3564800	Sep	3
## 5127	3148900	Sep	3
## 5128	2522600	Sep	3
## 5129	2543800	Sep	3
## 5130	2442900	Oct	3
## 5131	2666600	Oct	3
## 5132	2527400	Oct	3
## 5133	3229200	Oct	3
## 5134	3782100	Oct	3
## 5135	2938600	Oct	3
## 5136	3084900	Oct	3
## 5137	2337100	Oct	3
## 5138	4067300	Oct	3
## 5139	2431500	Oct	3
## 5140	2008900	Oct	3
## 5141	2319700	Oct	3
## 5142	2499700	Oct	3
## 5143	3108200	Oct	3
## 5144	2365100	Oct	3
## 5145	3494100	Oct	3
## 5146	2723900	Oct	3
## 5147	3033100	Oct	3
## 5148	5618700	Oct	3
## 5149	16565000	Oct	3
## 5150	6613100	Oct	3
## 5151	3477000	Oct	3
## 5152	3755500	Nov	3
## 5153	3684900	Nov	3
## 5154	3751500	Nov	3
## 5155	3381100	Nov	3
## 5156	2689000	Nov	3
## 5157	2581500	Nov	3

## 5158	3732700	Nov	3
## 5159	2179900	Nov	3
## 5160	2918400	Nov	3
## 5161	3138400	Nov	3
## 5162	3928700	Nov	3
## 5163	2213300	Nov	3
## 5164	2413400	Nov	3
## 5165	2163900	Nov	3
## 5166	2479400	Nov	3
## 5167	3555300	Nov	3
## 5168	3528000	Nov	3
## 5169	6744000	Nov	3
## 5170	4559400	Nov	3
## 5171	9257500	Nov	3
## 5172	4509200	Nov	3
## 5173	4107100	Dec	3
## 5174	5931900	Dec	3
## 5175	4079800	Dec	3
## 5176	2853300	Dec	3
## 5177	2511600	Dec	3
## 5178	3050100	Dec	3
## 5179	2363500	Dec	3
## 5180	2235900	Dec	3
## 5181	2616800	Dec	3
## 5182	3214300	Dec	3
## 5183	4778600	Dec	3
## 5184	2947600	Dec	3
## 5185	2587800	Dec	3
## 5186	2371200	Dec	3
## 5187	2123100	Dec	3
## 5188	1585100	Dec	3
## 5189	2005200	Dec	3
## 5190	1867200	Dec	3
## 5191	1841700	Dec	3
## 5192	2688400	Dec	3
## 5193	2694500	Jan	3
## 5194	3108800	Jan	3
## 5195	3022100	Jan	3
## 5196	3544700	Jan	3
## 5197	4279500	Jan	3
## 5198	3661300	Jan	3
## 5199	2686000	Jan	3
## 5200	3125000	Jan	3
## 5201	5443700	Jan	3
## 5202	7220700	Jan	3
## 5203	5253800	Jan	3
## 5204	4026900	Jan	3
## 5205	4578500	Jan	3
## 5206	4140100	Jan	2
## 5207	5169300	Jan	2

## 5208	6807500	Jan	2
## 5209	4753000	Jan	2
## 5210	4857300	Jan	2
## 5211	5701900	Jan	2
## 5212	5871900	Jan	2
## 5213	6424700	Jan	2
## 5214	9113800	Feb	2
## 5215	11125700	Feb	2
## 5216	11495000	Feb	2
## 5217	11066800	Feb	2
## 5218	7162700	Feb	2
## 5219	8578600	Feb	2
## 5220	14141500	Feb	2
## 5221	6738900	Feb	2
## 5222	5917900	Feb	2
## 5223	5959200	Feb	2
## 5224	5652700	Feb	2
## 5225	4472600	Feb	2
## 5226	6499200	Feb	2
## 5227	6304400	Feb	2
## 5228	4858100	Feb	2
## 5229	4418100	Feb	2
## 5230	4955000	Feb	2
## 5231	4808800	Feb	2
## 5232	4515000	Feb	2
## 5233	6835200	Mar	2
## 5234	6587600	Mar	2
## 5235	5233900	Mar	2
## 5236	4561700	Mar	2
## 5237	4174100	Mar	2
## 5238	3862600	Mar	2
## 5239	4534300	Mar	2
## 5240	5174200	Mar	2
## 5241	6531900	Mar	2
## 5242	4259400	Mar	2
## 5243	4069700	Mar	2
## 5244	5425000	Mar	2
## 5245	6580800	Mar	2
## 5246	4581600	Mar	2
## 5247	4750800	Mar	2
## 5248	6320600	Mar	2
## 5249	8006000	Mar	2
## 5250	5624700	Mar	2
## 5251	6999600	Mar	2
## 5252	13705300	Mar	2
## 5253	12581100	Mar	2
## 5254	10463600	Apr	2
## 5255	10231200	Apr	2
## 5256	6982300	Apr	2
## 5257	6413500	Apr	2

## 5258	5882300	Apr	2
## 5259	4208200	Apr	2
## 5260	4254100	Apr	2
## 5261	3582500	Apr	2
## 5262	3135000	Apr	2
## 5263	3685300	Apr	2
## 5264	2808600	Apr	2
## 5265	5114400	Apr	2
## 5266	5227500	Apr	2
## 5267	6523700	Apr	2
## 5268	5541600	Apr	2
## 5269	4465400	Apr	2
## 5270	7494700	Apr	2
## 5271	6587300	Apr	2
## 5272	8801100	Apr	2
## 5273	13053200	Apr	2
## 5274	5464100	Apr	2
## 5275	4572100	May	2
## 5276	4360300	May	2
## 5277	4251900	May	2
## 5278	3443600	May	2
## 5279	3801900	May	2
## 5280	3067900	May	2
## 5281	3637300	May	2
## 5282	2817500	May	2
## 5283	2263900	May	2
## 5284	2509500	May	2
## 5285	5077500	May	2
## 5286	2570600	May	2
## 5287	2147600	May	2
## 5288	2642600	May	2
## 5289	2925200	May	2
## 5290	2115600	May	2
## 5291	3361900	May	2
## 5292	3430000	May	2
## 5293	2698400	May	2
## 5294	3846500	May	2
## 5295	2907400	May	2
## 5296	3166300	May	2
## 5297	3313400	Jun	2
## 5298	3187700	Jun	2
## 5299	4782200	Jun	2
## 5300	5473200	Jun	2
## 5301	3765700	Jun	2
## 5302	2955100	Jun	2
## 5303	2335500	Jun	2
## 5304	2259200	Jun	2
## 5305	3327500	Jun	2
## 5306	3174400	Jun	2
## 5307	4777600	Jun	2

## 5308	3107700	Jun	2
## 5309	4290100	Jun	2
## 5310	4332600	Jun	2
## 5311	4941100	Jun	2
## 5312	4075100	Jun	2
## 5313	7511200	Jun	2
## 5314	4386600	Jun	2
## 5315	4872200	Jun	2
## 5316	4529700	Jun	2
## 5317	4543500	Jun	2
## 5318	3185700	Jul	2
## 5319	2177300	Jul	2
## 5320	2983100	Jul	2
## 5321	2650300	Jul	2
## 5322	3012000	Jul	2
## 5323	3002900	Jul	2
## 5324	3209800	Jul	2
## 5325	4532700	Jul	2
## 5326	4383200	Jul	2
## 5327	5466200	Jul	2
## 5328	5682900	Jul	2
## 5329	4861900	Jul	2
## 5330	4676900	Jul	2
## 5331	3884400	Jul	2
## 5332	3888500	Jul	2
## 5333	4278700	Jul	2
## 5334	3738200	Jul	2
## 5335	9924400	Jul	2
## 5336	9681000	Jul	2
## 5337	6562300	Jul	2
## 5338	5738700	Jul	2
## 5339	4153100	Aug	2
## 5340	4354700	Aug	2
## 5341	3460500	Aug	2
## 5342	3391800	Aug	2
## 5343	3377500	Aug	2
## 5344	3963000	Aug	2
## 5345	4860400	Aug	2
## 5346	3639900	Aug	2
## 5347	5531500	Aug	2
## 5348	3986100	Aug	2
## 5349	7700700	Aug	2
## 5350	3957100	Aug	2
## 5351	4104300	Aug	2
## 5352	2862000	Aug	2
## 5353	3105600	Aug	2
## 5354	3080500	Aug	2
## 5355	3563000	Aug	2
## 5356	2800900	Aug	2
## 5357	3569000	Aug	2

## 5358	3100700	Aug	2
## 5359	6531800	Aug	2
## 5360	7277300	Aug	2
## 5361	4204400	Aug	2
## 5362	5721100	Sep	2
## 5363	8220600	Sep	2
## 5364	7488700	Sep	2
## 5365	4892600	Sep	2
## 5366	4544800	Sep	2
## 5367	5033600	Sep	2
## 5368	4414000	Sep	2
## 5369	3621500	Sep	2
## 5370	3642000	Sep	2
## 5371	7050200	Sep	2
## 5372	4268700	Sep	2
## 5373	4056800	Sep	2
## 5374	3154900	Sep	2
## 5375	6855900	Sep	2
## 5376	4213700	Sep	2
## 5377	4538400	Sep	2
## 5378	4313500	Sep	2
## 5379	4329400	Sep	2
## 5380	4085100	Sep	2
## 5381	3460500	Oct	2
## 5382	5400700	Oct	2
## 5383	5253100	Oct	2
## 5384	7257000	Oct	2
## 5385	6822300	Oct	2
## 5386	7393200	Oct	2
## 5387	4772900	Oct	2
## 5388	10988900	Oct	2
## 5389	13935900	Oct	2
## 5390	9444600	Oct	2
## 5391	6437200	Oct	2
## 5392	5859900	Oct	2
## 5393	5295200	Oct	2
## 5394	5874000	Oct	2
## 5395	5907200	Oct	2
## 5396	4500000	Oct	2
## 5397	6723900	Oct	2
## 5398	6928400	Oct	2
## 5399	10285700	Oct	2
## 5400	14963800	Oct	2
## 5401	13866100	Oct	2
## 5402	12460100	Oct	2
## 5403	9390200	Oct	2
## 5404	8135500	Nov	2
## 5405	6955500	Nov	2
## 5406	5624700	Nov	2
## 5407	4257400	Nov	2

## 5408	8192200	Nov	2
## 5409	6534900	Nov	2
## 5410	5902200	Nov	2
## 5411	6806200	Nov	2
## 5412	5933300	Nov	2
## 5413	6486900	Nov	2
## 5414	8427300	Nov	2
## 5415	6066100	Nov	2
## 5416	7790000	Nov	2
## 5417	10878800	Nov	2
## 5418	5716800	Nov	2
## 5419	2707600	Nov	2
## 5420	6257700	Nov	2
## 5421	5783200	Nov	2
## 5422	8458700	Nov	2
## 5423	6613200	Nov	2
## 5424	5761800	Nov	2
## 5425	6862300	Dec	2
## 5426	8694500	Dec	2
## 5427	8789400	Dec	2
## 5428	7576100	Dec	2
## 5429	7494800	Dec	2
## 5430	6244700	Dec	2
## 5431	6598000	Dec	2
## 5432	5271300	Dec	2
## 5433	6367200	Dec	2
## 5434	8829800	Dec	2
## 5435	6523000	Dec	2
## 5436	8792200	Dec	2
## 5437	9991800	Dec	2
## 5438	13640300	Dec	2
## 5439	7220000	Dec	2
## 5440	10411800	Dec	2
## 5441	9722000	Dec	2
## 5442	8829000	Dec	2
## 5443	6954500	Dec	2
## 5444	7983100	Jan	2
## 5445	6975600	Jan	2
## 5446	9182600	Jan	2
## 5447	7993200	Jan	2
## 5448	8881400	Jan	2
## 5449	6348800	Jan	2
## 5450	6507700	Jan	2
## 5451	4686200	Jan	2
## 5452	6005900	Jan	2
## 5453	5998500	Jan	2
## 5454	6366900	Jan	2
## 5455	4208900	Jan	2
## 5456	6020500	Jan	2
## 5457	6416800	Jan	2

## 5458	5225200	Jan	2
## 5459	4089900	Jan	2
## 5460	4945900	Jan	2
## 5461	4837700	Jan	2
## 5462	4632800	Jan	2
## 5463	5783800	Jan	2
## 5464	10910300	Jan	2
## 5465	11506200	Feb	2
## 5466	4929100	Feb	2
## 5467	4453100	Feb	2
## 5468	3939900	Feb	2
## 5469	4626600	Feb	2
## 5470	5657500	Feb	2
## 5471	3317300	Feb	2
## 5472	4858600	Feb	2
## 5473	3560300	Feb	2
## 5474	4120500	Feb	2
## 5475	4343900	Feb	2
## 5476	3681700	Feb	2
## 5477	3337600	Feb	2
## 5478	3483400	Feb	2
## 5479	3096200	Feb	2
## 5480	3184500	Feb	2
## 5481	2665800	Feb	2
## 5482	3148800	Feb	2
## 5483	3025900	Feb	2
## 5484	4974900	Mar	2
## 5485	6167400	Mar	2
## 5486	3681500	Mar	2
## 5487	3996000	Mar	2
## 5488	4957000	Mar	2
## 5489	4667000	Mar	2
## 5490	3876400	Mar	2
## 5491	3614500	Mar	2
## 5492	3552000	Mar	2
## 5493	2946600	Mar	2
## 5494	7550900	Mar	2
## 5495	5429100	Mar	2
## 5496	6364200	Mar	2
## 5497	6265600	Mar	2
## 5498	5767800	Mar	2
## 5499	6363000	Mar	2
## 5500	5103800	Mar	2
## 5501	4865900	Mar	2
## 5502	4324800	Mar	2
## 5503	3043000	Mar	2
## 5504	3320800	Mar	2
## 5505	4238800	Apr	2
## 5506	3448100	Apr	2
## 5507	3926100	Apr	2

## 5508	3623900	Apr	2
## 5509	3640500	Apr	2
## 5510	3752800	Apr	2
## 5511	3714400	Apr	2
## 5512	2964000	Apr	2
## 5513	2654800	Apr	2
## 5514	3114400	Apr	2
## 5515	3724400	Apr	2
## 5516	3044600	Apr	2
## 5517	2893500	Apr	2
## 5518	2749900	Apr	2
## 5519	3373800	Apr	2
## 5520	4640400	Apr	2
## 5521	3675800	Apr	2
## 5522	6099100	Apr	2
## 5523	8432600	Apr	2
## 5524	4021300	Apr	2
## 5525	3506000	Apr	2
## 5526	3117000	May	2
## 5527	3962900	May	2
## 5528	6381600	May	2
## 5529	5417800	May	2
## 5530	5902100	May	2
## 5531	4078600	May	2
## 5532	5308300	May	2
## 5533	5718000	May	2
## 5534	5783400	May	2
## 5535	4629100	May	2
## 5536	4692600	May	2
## 5537	4707800	May	2
## 5538	4736600	May	2
## 5539	3798200	May	2
## 5540	4005100	May	2
## 5541	2936600	May	2
## 5542	4424300	May	2
## 5543	3369700	May	2
## 5544	3200000	May	2
## 5545	4279000	May	2
## 5546	3146900	May	2
## 5547	4618800	May	2
## 5548	9098700	Jun	2
## 5549	5679100	Jun	2
## 5550	4239800	Jun	2
## 5551	3689300	Jun	2
## 5552	4808200	Jun	2
## 5553	5371000	Jun	2
## 5554	4042700	Jun	2
## 5555	2678300	Jun	2
## 5556	2795800	Jun	2
## 5557	2851200	Jun	2

## 5558	2634300	Jun	2
## 5559	3895700	Jun	2
## 5560	2895300	Jun	2
## 5561	3217200	Jun	2
## 5562	3933600	Jun	2
## 5563	2283000	Jun	2
## 5564	3012300	Jun	2
## 5565	2441900	Jun	2
## 5566	2141700	Jun	2
## 5567	3037400	Jun	2
## 5568	3192100	Jul	2
## 5569	2645900	Jul	2
## 5570	1690300	Jul	2
## 5571	2628400	Jul	2
## 5572	2883400	Jul	2
## 5573	4345700	Jul	2
## 5574	4931900	Jul	2
## 5575	4317800	Jul	2
## 5576	2509300	Jul	2
## 5577	2981300	Jul	2
## 5578	2618200	Jul	2
## 5579	2558800	Jul	2
## 5580	3486900	Jul	2
## 5581	3185600	Jul	2
## 5582	2900000	Jul	2
## 5583	2703500	Jul	2
## 5584	2631300	Jul	2
## 5585	4136500	Jul	2
## 5586	4927100	Jul	2
## 5587	4493200	Jul	2
## 5588	2910900	Jul	2
## 5589	4470700	Jul	2
## 5590	4713300	Aug	2
## 5591	4956200	Aug	2
## 5592	6058200	Aug	2
## 5593	5070300	Aug	2
## 5594	4526900	Aug	2
## 5595	3701200	Aug	2
## 5596	2879800	Aug	2
## 5597	2905500	Aug	2
## 5598	3994000	Aug	2
## 5599	4893600	Aug	2
## 5600	3759100	Aug	2
## 5601	3018000	Aug	2
## 5602	2816300	Aug	2
## 5603	1929500	Aug	2
## 5604	2031800	Aug	2
## 5605	2653500	Aug	2
## 5606	5270800	Aug	2
## 5607	3080000	Aug	2

## 5608	3019700	Aug	2
## 5609	2419700	Aug	2
## 5610	3015100	Aug	2
## 5611	3058700	Aug	2
## 5612	3543000	Sep	2
## 5613	2324100	Sep	2
## 5614	3310800	Sep	2
## 5615	2496900	Sep	2
## 5616	2999500	Sep	2
## 5617	2613900	Sep	2
## 5618	2432800	Sep	2
## 5619	2823500	Sep	2
## 5620	1971300	Sep	2
## 5621	3675500	Sep	2
## 5622	1982400	Sep	2
## 5623	2505600	Sep	2
## 5624	2031500	Sep	2
## 5625	5341900	Sep	2
## 5626	2922300	Sep	2
## 5627	4616000	Sep	2
## 5628	3493200	Sep	2
## 5629	3536800	Sep	2
## 5630	3907200	Sep	2
## 5631	2644700	Sep	2
## 5632	3084500	Oct	2
## 5633	3301100	Oct	2
## 5634	3468200	Oct	2
## 5635	2471900	Oct	2
## 5636	2154700	Oct	2
## 5637	2542000	Oct	2
## 5638	2043500	Oct	2
## 5639	2575200	Oct	2
## 5640	3255000	Oct	2
## 5641	1910200	Oct	2
## 5642	3111700	Oct	2
## 5643	2763400	Oct	2
## 5644	2647400	Oct	2
## 5645	3362500	Oct	2
## 5646	2130400	Oct	2
## 5647	2111700	Oct	2
## 5648	2138200	Oct	2
## 5649	4446100	Oct	2
## 5650	9626400	Oct	2
## 5651	3708900	Oct	2
## 5652	2276900	Oct	2
## 5653	2449400	Oct	2
## 5654	2781200	Oct	2
## 5655	2790400	Nov	2
## 5656	2771900	Nov	2
## 5657	1885500	Nov	2

## 5658	2029800	Nov	2
## 5659	2651100	Nov	2
## 5660	2123300	Nov	2
## 5661	1946000	Nov	2
## 5662	2037600	Nov	2
## 5663	2989500	Nov	2
## 5664	2264800	Nov	2
## 5665	3927600	Nov	2
## 5666	2839500	Nov	2
## 5667	2270800	Nov	2
## 5668	2790000	Nov	2
## 5669	2662900	Nov	2
## 5670	2479100	Nov	2
## 5671	3486200	Nov	2
## 5672	3181200	Nov	2
## 5673	3025600	Nov	2
## 5674	1923400	Nov	2
## 5675	3925600	Dec	2
## 5676	3380900	Dec	2
## 5677	2670100	Dec	2
## 5678	2823800	Dec	2
## 5679	3117400	Dec	2
## 5680	2442800	Dec	2
## 5681	2514300	Dec	2
## 5682	2097600	Dec	2
## 5683	3095900	Dec	2
## 5684	2745700	Dec	2
## 5685	3145200	Dec	2
## 5686	3644400	Dec	2
## 5687	3351400	Dec	2
## 5688	2652800	Dec	2
## 5689	5150800	Dec	2
## 5690	2136400	Dec	2
## 5691	881300	Dec	2
## 5692	6005400	Dec	2
## 5693	6186600	Dec	2
## 5694	3674700	Dec	2
## 5695	2506500	Dec	2
## 5696	4029000	Jan	2
## 5697	3764400	Jan	2
## 5698	4061800	Jan	2
## 5699	4044900	Jan	2
## 5700	3508000	Jan	2
## 5701	3167300	Jan	2
## 5702	2853700	Jan	2
## 5703	2780800	Jan	2
## 5704	3440900	Jan	2
## 5705	2896600	Jan	2
## 5706	2659500	Jan	2
## 5707	3997300	Jan	2

## 5708	3707800	Jan	2
## 5709	3216300	Jan	2
## 5710	2484600	Jan	2
## 5711	3766200	Jan	2
## 5712	3528500	Jan	2
## 5713	2808000	Jan	2
## 5714	2088000	Jan	2
## 5715	6327400	Jan	2
## 5716	15567300	Jan	2
## 5717	5891700	Feb	2
## 5718	5289300	Feb	2
## 5719	4376200	Feb	2
## 5720	3183000	Feb	2
## 5721	5095300	Feb	2
## 5722	5056200	Feb	2
## 5723	5746000	Feb	2
## 5724	3334300	Feb	2
## 5725	3031800	Feb	2
## 5726	2606200	Feb	2
## 5727	2945600	Feb	2
## 5728	2561200	Feb	2
## 5729	3131300	Feb	2
## 5730	4646300	Feb	2
## 5731	6547000	Feb	2
## 5732	6219100	Feb	2
## 5733	5224600	Feb	2
## 5734	8144000	Feb	2
## 5735	9481000	Feb	2
## 5736	6761700	Mar	2
## 5737	7534500	Mar	2
## 5738	4772900	Mar	2
## 5739	4748200	Mar	2
## 5740	5273600	Mar	2
## 5741	7813200	Mar	2
## 5742	7133300	Mar	2
## 5743	5624800	Mar	2
## 5744	11346200	Mar	2
## 5745	8809700	Mar	2
## 5746	8917300	Mar	2
## 5747	10917100	Mar	2
## 5748	9645200	Mar	2
## 5749	10399900	Mar	2
## 5750	9817900	Mar	2
## 5751	7808500	Mar	2
## 5752	7147100	Mar	2
## 5753	6479100	Mar	2
## 5754	6221300	Mar	2
## 5755	5387900	Mar	2
## 5756	6126100	Mar	2
## 5757	5123600	Mar	2

## 5758	4121900	Apr	2
## 5759	4336000	Apr	2
## 5760	3609900	Apr	2
## 5761	5773200	Apr	2
## 5762	5114000	Apr	2
## 5763	3977300	Apr	2
## 5764	4646500	Apr	2
## 5765	6716700	Apr	2
## 5766	8087200	Apr	2
## 5767	6866600	Apr	2
## 5768	12038200	Apr	2
## 5769	7930000	Apr	2
## 5770	5770700	Apr	2
## 5771	7476700	Apr	2
## 5772	4212200	Apr	2
## 5773	5066600	Apr	2
## 5774	3824900	Apr	2
## 5775	5645600	Apr	2
## 5776	5269400	Apr	2
## 5777	4591600	Apr	2
## 5778	9534600	Apr	2
## 5779	9772600	May	2
## 5780	4865900	May	2
## 5781	3242500	May	2
## 5782	3117800	May	2
## 5783	3396400	May	2
## 5784	3206600	May	2
## 5785	3259200	May	2
## 5786	3074900	May	2
## 5787	4782900	May	2
## 5788	3648100	May	2
## 5789	4235000	May	2
## 5790	4357200	May	2
## 5791	4320500	May	2
## 5792	3998100	May	2
## 5793	5114400	May	2
## 5794	2867100	May	2
## 5795	3568200	May	2
## 5796	5056900	May	2
## 5797	3190200	May	2
## 5798	3509900	May	2
## 5799	2928900	Jun	2
## 5800	2529900	Jun	2
## 5801	2671000	Jun	2
## 5802	2948700	Jun	2
## 5803	3306400	Jun	2
## 5804	3970700	Jun	2
## 5805	5176000	Jun	2
## 5806	4946000	Jun	2
## 5807	5800100	Jun	2

## 5808	5436100	Jun	2
## 5809	3865100	Jun	2
## 5810	3585600	Jun	2
## 5811	2959300	Jun	2
## 5812	2487800	Jun	2
## 5813	5777000	Jun	2
## 5814	3208800	Jun	2
## 5815	4231700	Jun	2
## 5816	4526600	Jun	2
## 5817	2968700	Jun	2
## 5818	6500800	Jun	2
## 5819	4223400	Jun	2
## 5820	3769700	Jun	2
## 5821	6363400	Jul	2
## 5822	6593400	Jul	2
## 5823	6880600	Jul	2
## 5824	5257500	Jul	2
## 5825	5037600	Jul	2
## 5826	6388700	Jul	2
## 5827	5486000	Jul	2
## 5828	7720400	Jul	2
## 5829	7231900	Jul	2
## 5830	5788900	Jul	2
## 5831	6394200	Jul	2
## 5832	4761300	Jul	2
## 5833	7598200	Jul	2
## 5834	6121300	Jul	2
## 5835	4104200	Jul	2
## 5836	5656900	Jul	2
## 5837	5632400	Jul	2
## 5838	4170500	Jul	2
## 5839	3126700	Jul	2
## 5840	2974100	Jul	2
## 5841	6128300	Jul	2
## 5842	8085500	Jul	2
## 5843	5074700	Aug	2
## 5844	4694300	Aug	2
## 5845	3916500	Aug	2
## 5846	3940600	Aug	2
## 5847	3936100	Aug	2
## 5848	3167300	Aug	2
## 5849	3718100	Aug	2
## 5850	3522100	Aug	2
## 5851	3149000	Aug	2
## 5852	2751700	Aug	2
## 5853	2691200	Aug	2
## 5854	5346000	Aug	2
## 5855	4185100	Aug	2
## 5856	3332500	Aug	2
## 5857	3575900	Aug	2

## 5858	4666300	Aug	2
## 5859	3992800	Aug	2
## 5860	6508700	Aug	2
## 5861	4264800	Aug	2
## 5862	2897000	Aug	2
## 5863	4185900	Aug	2
## 5864	3432200	Sep	2
## 5865	3931500	Sep	2
## 5866	8161100	Sep	2
## 5867	8781800	Sep	2
## 5868	6094200	Sep	2
## 5869	5188700	Sep	2
## 5870	5330700	Sep	2
## 5871	5094000	Sep	2
## 5872	4529600	Sep	2
## 5873	4021500	Sep	2
## 5874	4512200	Sep	2
## 5875	6449100	Sep	2
## 5876	8892600	Sep	2
## 5877	6117900	Sep	2
## 5878	6948800	Sep	2
## 5879	5652700	Sep	2
## 5880	5529400	Sep	2
## 5881	4615200	Sep	2
## 5882	4224200	Sep	2
## 5883	3495800	Sep	2
## 5884	4896100	Sep	2
## 5885	4971900	Oct	2
## 5886	5613100	Oct	2
## 5887	3775300	Oct	2
## 5888	5086900	Oct	2
## 5889	4309400	Oct	2
## 5890	3174100	Oct	2
## 5891	4907900	Oct	2
## 5892	8364200	Oct	2
## 5893	5744700	Oct	2
## 5894	5812700	Oct	2
## 5895	5223400	Oct	2
## 5896	6474400	Oct	2
## 5897	5223600	Oct	2
## 5898	4509700	Oct	2
## 5899	4592700	Oct	2
## 5900	4212000	Oct	2
## 5901	3466700	Oct	2
## 5902	5901200	Oct	2
## 5903	4291000	Oct	2
## 5904	5588300	Oct	2
## 5905	6596500	Oct	2
## 5906	8386400	Oct	2
## 5907	7257400	Nov	2

## 5908	4897900	Nov	2
## 5909	6839000	Nov	2
## 5910	5789300	Nov	2
## 5911	4647300	Nov	2
## 5912	7190400	Nov	2
## 5913	6591000	Nov	2
## 5914	4366900	Nov	2
## 5915	4362000	Nov	2
## 5916	3756200	Nov	2
## 5917	3808700	Nov	2
## 5918	3444700	Nov	2
## 5919	2916800	Nov	2
## 5920	3010300	Nov	2
## 5921	3374400	Nov	2
## 5922	4708900	Nov	2
## 5923	3602100	Nov	2
## 5924	3790400	Nov	2
## 5925	2392900	Nov	2
## 5926	4063900	Nov	2
## 5927	4537000	Dec	2
## 5928	3129300	Dec	2
## 5929	2892000	Dec	2
## 5930	2913600	Dec	2
## 5931	2751300	Dec	2
## 5932	3286300	Dec	2
## 5933	4100800	Dec	2
## 5934	3030200	Dec	2
## 5935	3064700	Dec	2
## 5936	4155800	Dec	2
## 5937	3319500	Dec	2
## 5938	4427600	Dec	2
## 5939	3474300	Dec	2
## 5940	5995700	Dec	2
## 5941	3836800	Dec	2
## 5942	2369400	Dec	2
## 5943	2093800	Dec	2
## 5944	1451900	Dec	2
## 5945	5686800	Dec	2
## 5946	4872900	Dec	2
## 5947	3209300	Dec	2
## 5948	2957200	Dec	2
## 5949	4411400	Jan	2
## 5950	2655500	Jan	2
## 5951	4394800	Jan	2
## 5952	3514500	Jan	2
## 5953	3537700	Jan	2
## 5954	3683400	Jan	2
## 5955	3514600	Jan	2
## 5956	3321200	Jan	2
## 5957	3070900	Jan	2

## 5958	4244000	Jan	2
## 5959	3305100	Jan	2
## 5960	5309800	Jan	2
## 5961	4936100	Jan	2
## 5962	2821900	Jan	2
## 5963	3749800	Jan	2
## 5964	2955200	Jan	2
## 5965	4660200	Jan	2
## 5966	3149200	Jan	2
## 5967	4293600	Jan	2
## 5968	4160200	Feb	2
## 5969	7098600	Feb	2
## 5970	7088800	Feb	2
## 5971	3670700	Feb	2
## 5972	3620800	Feb	2
## 5973	3257400	Feb	2
## 5974	2203500	Feb	2
## 5975	3151600	Feb	2
## 5976	2301400	Feb	2
## 5977	2335300	Feb	2
## 5978	2574700	Feb	2
## 5979	3297500	Feb	2
## 5980	3027400	Feb	2
## 5981	4305200	Feb	2
## 5982	3515700	Feb	2
## 5983	4677200	Feb	2
## 5984	3011300	Feb	2
## 5985	4533800	Feb	2
## 5986	4275900	Feb	2
## 5987	2729100	Mar	2
## 5988	2595800	Mar	2
## 5989	3988700	Mar	2
## 5990	5481600	Mar	2
## 5991	5388600	Mar	2
## 5992	4185000	Mar	2
## 5993	4030000	Mar	2
## 5994	3012500	Mar	2
## 5995	2776400	Mar	2
## 5996	2421900	Mar	2
## 5997	2913600	Mar	2
## 5998	2538800	Mar	2
## 5999	3118600	Mar	2
## 6000	3649600	Mar	2
## 6001	4625400	Mar	2
## 6002	2902200	Mar	2
## 6003	3817300	Mar	2
## 6004	2959000	Mar	2
## 6005	3563500	Mar	2
## 6006	3312900	Mar	2
## 6007	2746000	Mar	2

## 6008	2337600	Mar	2
## 6009	3093900	Mar	2
## 6010	2940300	Apr	2
## 6011	3334900	Apr	2
## 6012	2537800	Apr	2
## 6013	3346200	Apr	2
## 6014	2812100	Apr	2
## 6015	4341500	Apr	2
## 6016	3281800	Apr	2
## 6017	3315800	Apr	2
## 6018	3145200	Apr	2
## 6019	3233600	Apr	2
## 6020	3186000	Apr	2
## 6021	2725400	Apr	2
## 6022	2623000	Apr	2
## 6023	2211200	Apr	2
## 6024	2580600	Apr	2
## 6025	3192800	Apr	2
## 6026	4880700	Apr	2
## 6027	3827100	Apr	2
## 6028	4631900	Apr	2
## 6029	7682400	Apr	2
## 6030	7009300	Apr	2
## 6031	5875500	May	2
## 6032	5439400	May	2
## 6033	3711300	May	2
## 6034	4447700	May	2
## 6035	4710300	May	2
## 6036	5838600	May	2
## 6037	4619800	May	2
## 6038	4936400	May	2
## 6039	3350900	May	2
## 6040	3325000	May	2
## 6041	3723900	May	2
## 6042	2828400	May	2
## 6043	2679700	May	2
## 6044	2633200	May	2
## 6045	4104900	May	2
## 6046	2422800	May	2
## 6047	3261100	May	2
## 6048	2384000	May	2
## 6049	2561200	May	2
## 6050	2329800	May	2
## 6051	2430000	Jun	2
## 6052	2014500	Jun	2
## 6053	2398300	Jun	2
## 6054	2249700	Jun	2
## 6055	2215800	Jun	2
## 6056	3416700	Jun	2
## 6057	2455500	Jun	2

## 6058	3476500	Jun	2
## 6059	2817400	Jun	2
## 6060	2569700	Jun	2
## 6061	2426200	Jun	2
## 6062	4202800	Jun	2
## 6063	5136500	Jun	2
## 6064	5247700	Jun	2
## 6065	3277100	Jun	2
## 6066	3345100	Jun	2
## 6067	2813300	Jun	2
## 6068	3832000	Jun	2
## 6069	3941000	Jun	2
## 6070	2242800	Jun	2
## 6071	2098400	Jun	2
## 6072	2404000	Jun	2
## 6073	2037100	Jul	2
## 6074	3169400	Jul	2
## 6075	6744800	Jul	2
## 6076	5328100	Jul	2
## 6077	5180600	Jul	2
## 6078	3748200	Jul	2
## 6079	2571600	Jul	2
## 6080	3845900	Jul	2
## 6081	3296600	Jul	2
## 6082	3185300	Jul	2
## 6083	4043700	Jul	2
## 6084	3784600	Jul	2
## 6085	3255700	Jul	2
## 6086	2319000	Jul	2
## 6087	3265400	Jul	2
## 6088	2436300	Jul	2
## 6089	2900100	Jul	2
## 6090	4131900	Jul	2
## 6091	2999400	Jul	2
## 6092	5520000	Jul	2
## 6093	9965600	Jul	2
## 6094	3353900	Aug	2
## 6095	4157300	Aug	2
## 6096	2183900	Aug	2
## 6097	2433500	Aug	2
## 6098	2637600	Aug	2
## 6099	2148200	Aug	2
## 6100	2412600	Aug	2
## 6101	2947200	Aug	2
## 6102	2314100	Aug	2
## 6103	2056700	Aug	2
## 6104	3319700	Aug	2
## 6105	3387900	Aug	2
## 6106	2804300	Aug	2
## 6107	3782900	Aug	2

## 6108	3358400	Aug	2
## 6109	3268100	Aug	2
## 6110	2551800	Aug	2
## 6111	1680300	Aug	2
## 6112	2098800	Aug	2
## 6113	2402400	Aug	2
## 6114	3192200	Aug	2
## 6115	4356400	Aug	2
## 6116	3629900	Sep	2
## 6117	2923700	Sep	2
## 6118	2575700	Sep	2
## 6119	2737900	Sep	2
## 6120	3053400	Sep	2
## 6121	2719200	Sep	2
## 6122	2397300	Sep	2
## 6123	2569000	Sep	2
## 6124	1936900	Sep	2
## 6125	2957500	Sep	2
## 6126	2583600	Sep	2
## 6127	4616600	Sep	2
## 6128	4669100	Sep	2
## 6129	2780900	Sep	2
## 6130	2411400	Sep	2
## 6131	2379400	Sep	2
## 6132	2116200	Sep	2
## 6133	3634500	Sep	2
## 6134	4430800	Sep	2
## 6135	2562300	Sep	2
## 6136	2842400	Sep	2
## 6137	2835600	Oct	2
## 6138	4523100	Oct	2
## 6139	3269200	Oct	2
## 6140	2533000	Oct	2
## 6141	2409100	Oct	2
## 6142	1998200	Oct	2
## 6143	2034200	Oct	2
## 6144	1819600	Oct	2
## 6145	2420100	Oct	2
## 6146	2109500	Oct	2
## 6147	5179900	Oct	2
## 6148	3174100	Oct	2
## 6149	2386100	Oct	2
## 6150	2139800	Oct	2
## 6151	1881400	Oct	2
## 6152	3139100	Oct	2
## 6153	2226000	Oct	2
## 6154	2698300	Oct	2
## 6155	2702200	Oct	2
## 6156	5708700	Oct	2
## 6157	6486100	Oct	2

## 6158	3608900	Nov	2
## 6159	2627600	Nov	2
## 6160	3397200	Nov	2
## 6161	5353000	Nov	2
## 6162	4997000	Nov	2
## 6163	3074000	Nov	2
## 6164	4294900	Nov	2
## 6165	4027400	Nov	2
## 6166	2264400	Nov	2
## 6167	2689400	Nov	2
## 6168	2929700	Nov	2
## 6169	2217100	Nov	2
## 6170	2560300	Nov	2
## 6171	5703500	Nov	2
## 6172	4936700	Nov	2
## 6173	4842200	Nov	2
## 6174	3690200	Nov	2
## 6175	2328000	Nov	2
## 6176	2991300	Nov	2
## 6177	3265600	Nov	2
## 6178	4001100	Nov	2
## 6179	3745800	Dec	2
## 6180	3236300	Dec	2
## 6181	4035600	Dec	2
## 6182	3443000	Dec	2
## 6183	3320500	Dec	2
## 6184	2262700	Dec	2
## 6185	2303100	Dec	2
## 6186	3034500	Dec	2
## 6187	3108500	Dec	2
## 6188	2798800	Dec	2
## 6189	3789700	Dec	2
## 6190	3043800	Dec	2
## 6191	4277100	Dec	2
## 6192	2868600	Dec	2
## 6193	2797800	Dec	2
## 6194	2751800	Dec	2
## 6195	1839400	Dec	2
## 6196	2934400	Dec	2
## 6197	2731900	Dec	2
## 6198	1787700	Dec	2
## 6199	1879200	Dec	2
## 6200	2391500	Dec	2
## 6201	3176000	Jan	2
## 6202	3536300	Jan	2
## 6203	3215100	Jan	2
## 6204	2597900	Jan	2
## 6205	2330300	Jan	2
## 6206	4389900	Jan	2
## 6207	3140300	Jan	2

## 6208	2501500	Jan	2
## 6209	2609400	Jan	2
## 6210	2298700	Jan	2
## 6211	3364600	Jan	2
## 6212	2662100	Jan	2
## 6213	3598700	Jan	2
## 6214	8198600	Jan	2
## 6215	7781200	Jan	2
## 6216	4541200	Jan	2
## 6217	4780100	Jan	2
## 6218	3875800	Jan	2
## 6219	3719600	Jan	2
## 6220	3915400	Jan	2
## 6221	2961000	Feb	2
## 6222	4366500	Feb	2
## 6223	11276600	Feb	2
## 6224	12672800	Feb	2
## 6225	5131200	Feb	2
## 6226	3802000	Feb	2
## 6227	3439300	Feb	2
## 6228	3413400	Feb	2
## 6229	3855000	Feb	2
## 6230	4161500	Feb	2
## 6231	2822000	Feb	2
## 6232	2635200	Feb	2
## 6233	3201600	Feb	2
## 6234	3180200	Feb	2
## 6235	3306400	Feb	2
## 6236	3212200	Feb	2
## 6237	5039300	Feb	2
## 6238	3119800	Feb	2
## 6239	2878500	Feb	2
## 6240	2243700	Mar	2
## 6241	2366700	Mar	2
## 6242	3259900	Mar	2
## 6243	3046700	Mar	2
## 6244	4346700	Mar	2
## 6245	4583100	Mar	2
## 6246	4132800	Mar	2
## 6247	6753100	Mar	2
## 6248	3440500	Mar	2
## 6249	3704300	Mar	2
## 6250	3779200	Mar	2
## 6251	4247900	Mar	2
## 6252	3646700	Mar	2
## 6253	5141300	Mar	2
## 6254	3326900	Mar	2
## 6255	3204300	Mar	2
## 6256	2790600	Mar	2
## 6257	2834900	Mar	2

```

library(klaR)

## Warning: package 'klaR' was built under R version 4.3.3

## Loading required package: MASS

## Warning: package 'MASS' was built under R version 4.3.1

## 
## Attaching package: 'MASS'

## The following object is masked from 'package:dplyr':
## 
##     select

# Convert numeric columns to categorical (example using quartiles)
df_categorical <- df %>%
  mutate(
    Open = cut(Open, breaks = quantile(Open, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE),
    High = cut(High, breaks = quantile(High, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE),
    Low = cut(Low, breaks = quantile(Low, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE),
    Close = cut(Close, breaks = quantile(Close, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE),
    Adj.Close = cut(Adj.Close, breaks = quantile(Adj.Close, probs = seq(0, 1, 0.25)), include.lowest = TRUE),
    Volume = cut(Volume, breaks = quantile(Volume, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE)
  )

# Apply k-modes clustering
set.seed(123) # Set seed for reproducibility
kmodes_result <- kmodes(df_categorical[, -1], modes = 3, iter.max = 10,
weighted = FALSE)

# Print the k-modes result
print(kmodes_result)

## K-modes clustering with 3 clusters of sizes 1766, 2328, 2163
## 
## Cluster modes:
##          Open        High        Low       Close   Adj.Close
Volume
## 1  (39,106]  (39.8,111]  (38.4,102] (39.1,104] (39.1,104]
## (8.24e+06,1.04e+08]
## 2  [1.41,39]  [1.45,39.8] [1.31,38.4] [1.4,39.1] [1.4,39.1]
## [4.87e+05,3.54e+06]
## 3  (106,596]  (111,601]  (102,588] (104,594] (104,594]
## (3.54e+06,5.42e+06]

```



```

## [5440] 3 3 1 3 1 1 1 1 1 1 3 3 3 2 1 3 2 1 3 3 3 3 3 1 1 1 1 3 3 3 3 2 2 3 3 3
3 3 3
## [5477] 2 2 2 2 2 2 2 1 1 3 1 1 3 3 3 3 2 1 1 1 1 1 3 1 1 1 1 3 2 3 3 3 3
3 2 2
## [5514] 2 3 2 2 2 2 3 3 2 1 3 2 2 3 1 3 2 3 3 2 3 3 3 3 3 2 3 2 2 3 2 3
1 1 3
## [5551] 3 3 3 3 2 2 2 2 3 2 2 3 2 2 2 2 2 2 2 3 3 3 3 2 2 2 2 2 2 2 2 2
3 3 3
## [5588] 2 3 2 2 2 2 2 3 2 2 3 3 3 2 2 2 2 2 2 2 2 2 3 2 2 2 2 2 2 2 2 3
2 2 2
## [5625] 3 2 3 2 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 1 3 2 2 2 2 2 2 2 2
2 2 2
## [5662] 2 2 2 3 2 2 2 2 2 2 2 2 2 3 3 2 3 3 3 2 2 2 3 2 3 2 2 3 3 2 3 3 3 3
3 3 3
## [5699] 3 2 2 2 2 2 2 2 3 3 2 2 3 2 2 2 1 1 1 3 3 2 3 3 2 2 2 2 2 2 2 3 3 3
3 2 1
## [5736] 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 1 1 3 3 3 3 3 3 2 2 1 1 3
3 3 3
## [5773] 3 3 2 3 3 1 1 3 2 2 2 2 2 3 3 3 3 3 3 2 3 3 2 2 2 2 2 2 3 3 3 3
3 1 3
## [5810] 3 2 2 1 2 3 3 2 3 3 3 3 2 3 3 2 2 3 1 2 1 3 1 2 3 3 3 3 2 2 3 2 2
3 3 2
## [5847] 2 2 2 2 2 2 2 2 2 2 3 2 2 2 3 2 2 2 3 3 1 3 3 3 3 3 3 3 1 1 3 3 3 2
3 3 2
## [5884] 3 3 1 3 3 3 2 3 1 2 1 3 2 3 3 3 2 2 3 2 3 1 3 3 1 3 3 1 3 3 3 3 3 3
2 2 2
## [5921] 2 3 3 3 2 3 3 2 3 2 3 2 3 2 3 3 2 3 2 3 3 2 2 2 3 3 2 3 3 2 3 2 3 2 3 3
2 2 2
## [5958] 3 2 3 3 2 3 2 3 2 3 3 2 1 3 3 2 2 2 2 2 2 2 3 2 3 2 3 2 3 3 2 1 1 1 3
1 1 1
## [5995] 1 1 1 2 1 3 1 1 1 1 1 2 2 1 1 2 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3
2 3 1
## [6032] 2 3 3 3 3 3 3 2 2 3 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 2
2 2 3
## [6069] 3 2 2 2 2 2 2 3 3 3 2 3 2 2 2 2 2 3 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2
2 2 2
## [6106] 2 3 2 2 2 2 2 2 3 3 2 2 2 2 2 2 2 2 2 2 2 2 3 3 2 2 2 2 2 3 3 2 2 2 2 3 2
2 2 2
## [6143] 2 2 2 2 3 2 2 2 2 2 2 2 2 1 2 3 2 2 3 3 2 3 2 2 2 2 2 2 1 3 3 3 2 2
2 3 3
## [6180] 3 3 2 3 3 2 2 2 3 3 2 3 3 3 3 3 2 2 2 2 2 2 2 3 2 2 2 2 2 2 2 3 2 2 2 2 2 2 3
1 1 3
## [6217] 3 3 3 3 2 3 1 1 3 3 2 2 3 3 2 2 2 2 2 2 3 2 2 1 2 2 2 1 3 1 3 1 2 3 3
1 1 1
## [6254] 2 2 2 2
##
## Within cluster simple-matching distance by cluster:
## [1] 3897 8077 6561
##
## Available components:

```

```

## [1] "cluster"      "size"        "modes"        "withindiff"   "iterations"
## [6] "weighted"

# Add cluster assignments to the original data frame
df$Cluster <- factor(kmodes_result$cluster)

df$date=as.Date(df$date)
# Categorize volumes (for example purposes, we'll create arbitrary
# categories)
df <- df %>%
  mutate(Volume_Category = cut(Volume,
                                breaks = c(0, 1100, 1300, 1500, 1700, Inf),
                                labels = c("Very Low", "Low", "Medium",
                                          "High", "Very High")))

# Summarize counts by volume category
df_pareto <- df %>%
  group_by(Volume_Category) %>%
  summarise(Count = n()) %>%
  arrange(desc(Count)) %>%
  mutate(Cumulative = cumsum(Count),
         Cumulative_Percentage = Cumulative / sum(Count) * 100)
print(df_pareto)

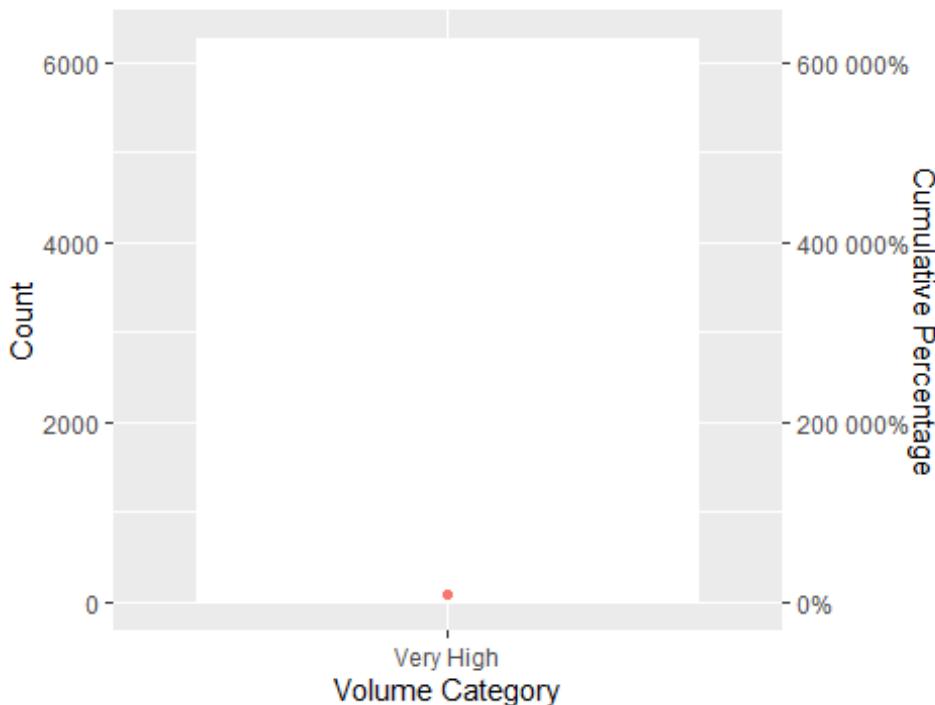
## # A tibble: 1 × 4
##   Volume_Category Count Cumulative Cumulative_Percentage
##   <fct>          <int>     <int>                  <dbl>
## 1 Very High       6257      6257                  100

# Pareto Chart
ggplot(df_pareto, aes(x = reorder(Volume_Category, -Count), y = Count)) +
  geom_bar(stat = "identity", fill = "white") +
  geom_line(aes(y = Cumulative_Percentage, group = 1, color = "red")) +
  geom_point(aes(y = Cumulative_Percentage, color = "red")) +
  scale_y_continuous(sec.axis = sec_axis(~ ., name = "Cumulative Percentage",
                                         labels = percent_format())) +
  labs(title = "Pareto Chart of Volume Categories", x = "Volume Category", y =
  "Count") +
  theme(legend.position = "none")

## `geom_line()`: Each group consists of only one observation.
## i Do you need to adjust the group aesthetic?

```

Pareto Chart of Volume Categories



```

library(klaR)

# Convert numeric columns to categorical (example using quartiles)
df_categorical <- df %>%
  mutate(
    Open = cut(Open, breaks = quantile(Open, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE),
    High = cut(High, breaks = quantile(High, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE),
    Low = cut(Low, breaks = quantile(Low, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE),
    Close = cut(Close, breaks = quantile(Close, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE),
    Adj.Close = cut(Adj.Close, breaks = quantile(Adj.Close, probs = seq(0, 1, 0.25)),
    include.lowest = TRUE),
    Volume = cut(Volume, breaks = quantile(Volume, probs = seq(0, 1, 0.25))),
    include.lowest = TRUE)
  )

# Apply k-modes clustering
set.seed(123) # Set seed for reproducibility
kmodes_result <- kmodes(df_categorical[, -1], modes = 3, iter.max = 10,
weighted = FALSE)

# Print the k-modes result
print(kmodes_result)

```



```

3 3 3
## [5255] 3 2 1 1 1 1 2 1 1 3 1 1 1 3 3 3 2 1 1 1 2 1 2 1 2 2 2 1 2 2 2
2 2 2
## [5292] 2 2 1 2 2 2 2 1 1 1 2 2 2 2 2 1 2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 1
1 1 1
## [5329] 1 1 1 1 1 1 3 3 3 1 2 1 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 2 1 2 2 2 1
2 2 1
## [5366] 1 1 1 1 1 1 1 2 2 1 1 1 1 1 2 1 1 3 3 2 1 3 3 3 2 3 1 2 1 1 3 1 3
3 3 3
## [5403] 3 3 2 1 1 1 1 3 1 3 2 1 3 1 2 2 3 3 2 1 1 3 3 1 1 1 1 1 1 1 1 3
3 1 1
## [5440] 3 1 3 1 3 3 3 3 3 1 1 3 3 3 1 3 1 1 1 1 3 3 3 1 1 1 1 1 2 2 1 1
1 1 1
## [5477] 2 2 2 2 2 2 2 2 1 3 1 1 1 1 1 1 2 1 3 1 3 3 3 1 1 1 1 2 3 1 2 1 1 1
1 2 2
## [5514] 2 1 2 2 2 2 2 1 1 2 3 1 2 2 1 3 1 2 1 1 2 1 1 1 1 1 1 1 2 2 1 2 2 1
3 3 1
## [5551] 1 1 1 1 2 2 2 2 1 2 2 1 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2
1 1 1
## [5588] 2 1 2 2 2 2 2 2 1 2 2 1 1 1 2 2 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 1
2 2 2
## [5625] 1 2 1 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1 3 1 2 2 2 2 2 2 2 2
2 2 2
## [5662] 2 2 2 1 2 2 2 2 2 2 2 2 2 1 2 2 1 2 2 2 1 2 1 2 2 2 1 1 2 1 1 1 1
1 1 1
## [5699] 1 2 2 2 2 2 2 2 2 1 1 2 2 1 2 2 2 3 3 3 1 1 2 1 1 2 2 2 2 2 2 1 1 1
1 2 3
## [5736] 3 1 1 1 1 3 3 3 3 3 3 3 3 3 3 1 3 1 1 1 1 1 1 1 1 1 2 2 3 3 1
1 1 1
## [5773] 1 1 2 1 1 3 3 1 2 2 2 2 2 2 1 1 1 1 1 1 1 2 1 1 2 2 2 2 2 2 1 1 1
1 3 1
## [5810] 1 2 2 3 2 1 1 2 1 1 1 1 2 1 1 2 2 1 3 2 3 1 3 2 1 1 1 1 2 2 1 2 2
1 1 2
## [5847] 2 2 2 2 2 2 2 2 2 1 2 2 2 1 2 2 2 1 1 3 1 1 1 1 1 1 3 3 1 1 1 2
1 1 2
## [5884] 1 1 3 1 1 1 2 1 3 2 3 1 2 1 1 1 2 2 1 2 1 3 1 1 3 1 1 3 1 1 1 1 1
2 2 2
## [5921] 2 1 1 1 2 1 1 2 1 2 2 2 1 2 2 1 2 1 2 1 1 2 2 2 1 1 2 2 1 2 1 2 1
1 1 2
## [5958] 1 2 1 1 2 1 2 1 1 2 3 1 1 2 2 2 2 2 2 1 2 1 2 1 1 2 2 1 3 1 1 1
1 1 1
## [5995] 3 2 3 2 3 1 1 1 1 2 1 2 2 2 1 2 2 2 2 2 1 2 2 2 2 2 2 2 2 1 1 1
2 1 3
## [6032] 2 1 1 1 1 1 1 2 2 1 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 2
2 2 1
## [6069] 1 2 2 2 2 2 2 2 1 1 1 2 1 2 2 1 1 2 2 2 2 2 1 2 2 3 2 2 2 2 2 2 2
2 2 2
## [6106] 2 1 2 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1
2 2 2
## [6143] 2 2 2 2 2 1 2 2 2 2 2 2 2 2 3 2 1 2 2 1 1 2 2 2 2 2 3 1 1 1 2 2

```

```

2 1 1
## [6180] 1 1 2 2 2 2 2 1 1 2 1 1 1 2 2 2 1 2 2 2 2 2 2 2 2 1 2 2 2 2 2 1
3 3 1
## [6217] 1 1 1 1 2 1 3 3 1 1 2 2 1 1 2 2 2 2 2 2 1 2 2 2 1 2 2 3 1 1 1 1 2 1 1
1 1 1
## [6254] 2 2 2 2
##
## Within cluster simple-matching distance by cluster:
## [1] 6309 7596 3327
##
## Available components:
## [1] "cluster"      "size"        "modes"        "withindiff"   "iterations"
## [6] "weighted"

# Add cluster assignments to the original data frame
df$Cluster <- factor(kmodes_result$cluster)

library(ggcorrplot)

## Warning: package 'ggcorrplot' was built under R version 4.3.3

# Exclude the Date column
numeric_columns <- df[, 2:7]

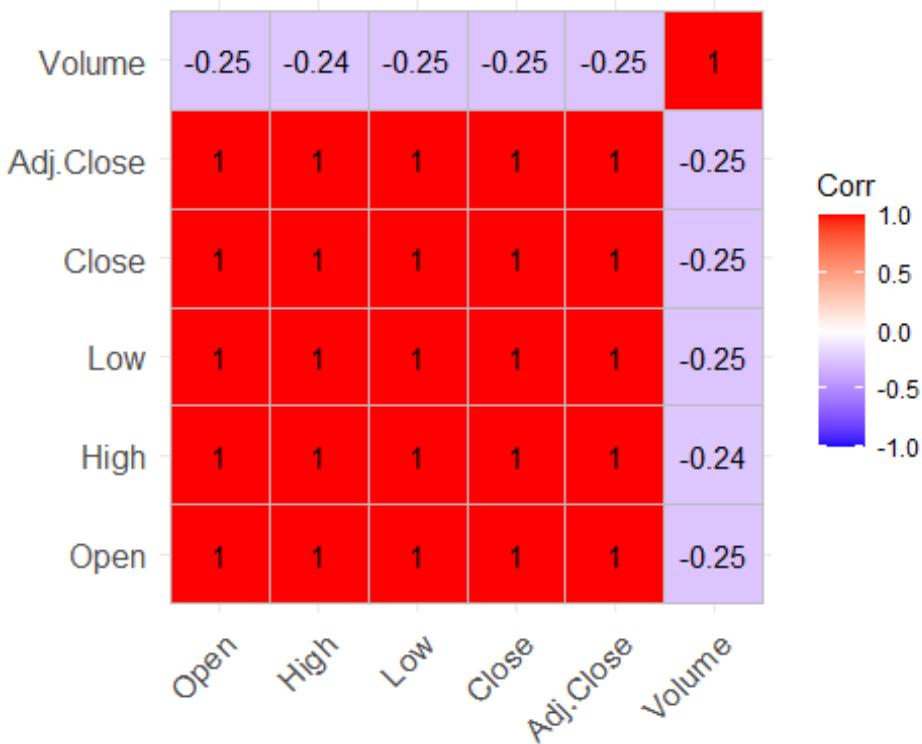
# Calculate the Pearson correlation matrix
correlation_matrix <- cor(numeric_columns, method = "pearson")

# Print the correlation matrix
print(correlation_matrix)

##                                     Open       High       Low     Close Adj.Close
Volume
## Open      1.0000000  0.9999271  0.9999086  0.9998216  0.9998216 -
## High      0.9999271  1.0000000  0.9998865  0.9999157  0.9999157 -
## Low       0.9999086  0.9998865  1.0000000  0.9999171  0.9999171 -
## Close     0.9998216  0.9999157  0.9999171  1.0000000  1.0000000 -
## Adj.Close 0.9998216  0.9999157  0.9999171  1.0000000  1.0000000 -
## Volume    -0.2461020 -0.2449039 -0.2473457 -0.2461126 -0.2461126
## 1.0000000

# Visualize the correlation matrix
ggcorrplot(correlation_matrix, lab = TRUE)

```



```

library(reshape2)

## Warning: package 'reshape2' was built under R version 4.3.3

# Bin the Close and Volume columns into categorical variables
df$Close_bin <- cut(df$Close, breaks = 3, labels = c("Low", "Medium",
"High"))
df$Volume_bin <- cut(df$Volume, breaks = 3, labels = c("Low", "Medium",
"High"))

# Create a contingency table
contingency_table <- table(df$Close_bin, df$Volume_bin)

# Perform the Chi-square test
chi_square_test <- chisq.test(contingency_table)

## Warning in chisq.test(contingency_table): Chi-squared approximation may be
## incorrect

# Print the test results
print(chi_square_test)

##
## Pearson's Chi-squared test
##
## data: contingency_table
## X-squared = 16.966, df = 4, p-value = 0.001962

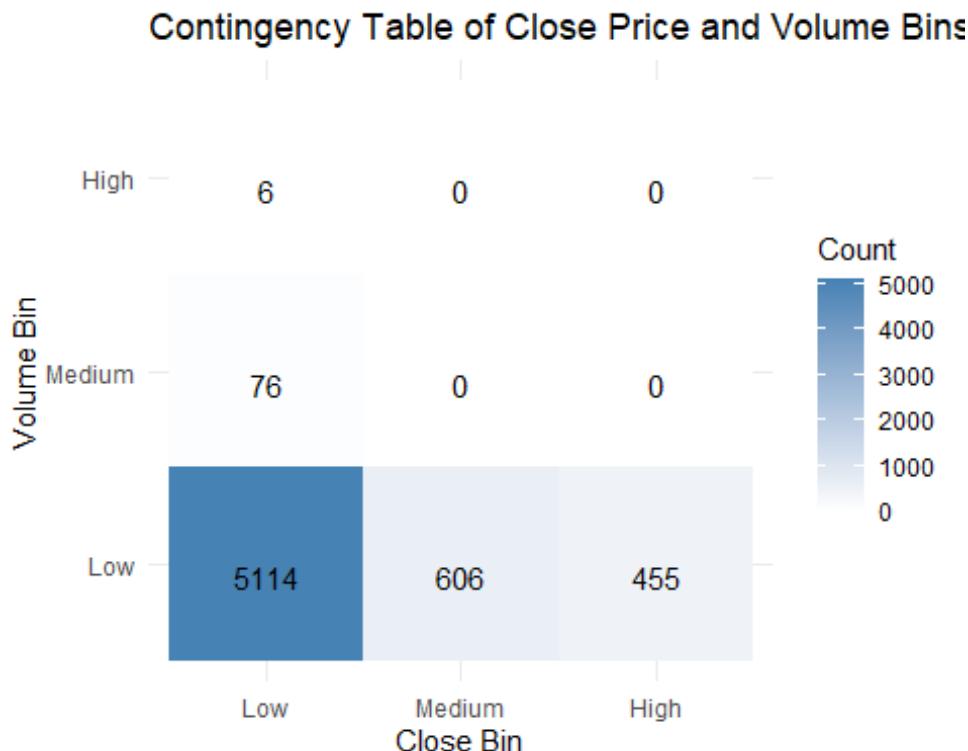
```

```

# Melt the contingency table for visualization
contingency_table_melted <- melt(contingency_table)

# Plot the contingency table using ggplot2
ggplot(contingency_table_melted, aes(x = Var1, y = Var2, fill = value)) +
  geom_tile() +
  geom_text(aes(label = value), vjust = 1) +
  scale_fill_gradient(low = "white", high = "steelblue") +
  labs(x = "Close Bin", y = "Volume Bin", fill = "Count") +
  ggtitle("Contingency Table of Close Price and Volume Bins") +
  theme_minimal()

```



```

library(caret)

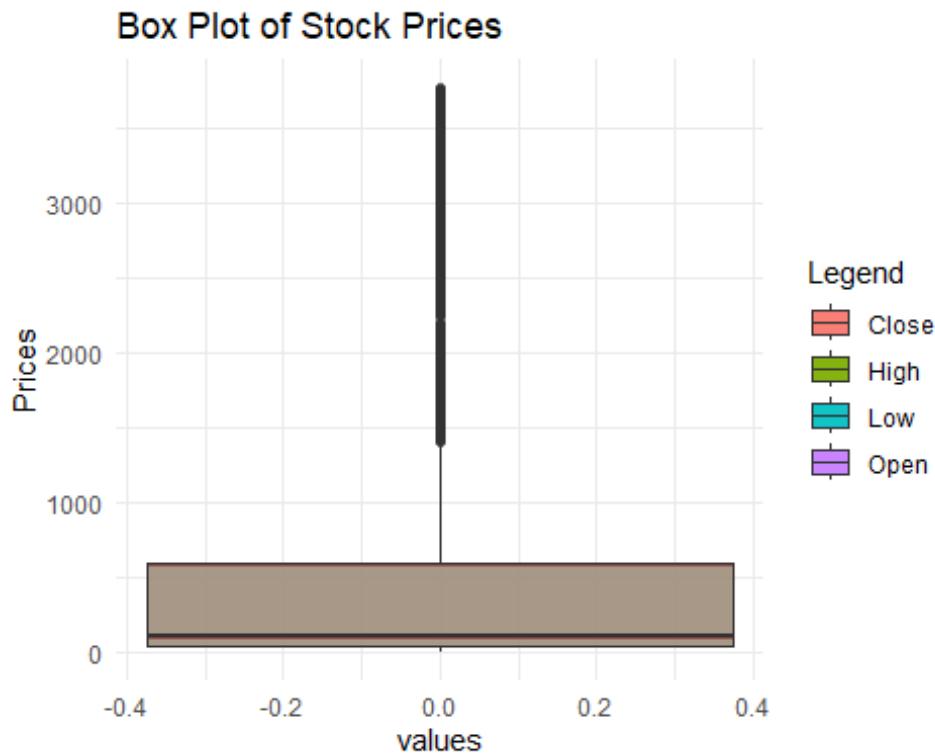
## Warning: package 'caret' was built under R version 4.3.3

## Loading required package: lattice

ggplot(df, aes(x=NULL)) +
  geom_boxplot(aes(y=Open, fill="Open"), alpha=0.5) +
  geom_boxplot(aes(y=High, fill="High"), alpha=0.5) +
  geom_boxplot(aes(y=Low, fill="Low"), alpha=0.5) +
  geom_boxplot(aes(y=Close, fill="Close"), alpha=0.5) +
  scale_fill_discrete(name="Legend") +
  labs(title="Box Plot of Stock Prices",
       x="values",

```

```
y="Prices") +  
theme_minimal()
```



```
library(readr)  
  
## Warning: package 'readr' was built under R version 4.3.3  
  
##  
## Attaching package: 'readr'  
  
## The following object is masked from 'package:scales':  
##  
##     col_factor  
  
# Load necessary Libraries  
library(MASS) # For the stepAIC function  
  
# Load your data (replace 'your_data.csv' with your actual file)  
data <- read.csv(file)  
  
# Check for missing values  
sum(is.na(data))  
  
## [1] 0  
  
# If necessary, handle missing values (e.g., by removing rows with NA values)  
data <- na.omit(data)
```

```

# Define the response variable and predictor variables
# Assume we are predicting the 'Close' price based on other variables
response <- "Close"
predictors <- c("Open", "High", "Low", "Adj.Close", "Volume")

# Create an empty model (just the intercept)
initial_model <- lm(as.formula(paste(response, "~ 1")), data = data)

# Create the full model (using all predictors)
full_model <- lm(as.formula(paste(response, "~", paste(predictors, collapse =
" + "))), data = data)

# Perform forward selection using the step function
forward_selection <- step(initial_model, direction = "forward", scope =
list(lower = initial_model, upper = full_model))

## Start: AIC=85367
## Close ~ 1
##
##          Df  Sum of Sq      RSS      AIC
## + Adj.Close  1 5266204685          0 -359310
## + Low        1 5265332076  872609  30900
## + High       1 5265317039  887646  31007
## + Open        1 5264325882 1878803  35698
## + Volume      1 318981485 4947223200  84978
## <none>           5266204685  85367
##
## Step: AIC=-359309.7
## Close ~ Adj.Close

## Warning: attempting model selection on an essentially perfect fit is
## nonsense

##          Df  Sum of Sq      RSS      AIC
## <none>           7.1883e-22 -359310
## + Volume     1 7.6674e-26 7.1875e-22 -359308
## + High       1 5.8998e-26 7.1877e-22 -359308
## + Open        1 5.2970e-26 7.1878e-22 -359308
## + Low         1 2.2383e-26 7.1881e-22 -359308

# Display the summary of the final model
summary(forward_selection)

## Warning in summary.lm(forward_selection): essentially perfect fit: summary
## may
## be unreliable

##
## Call:
## lm(formula = Close ~ Adj.Close, data = data)
##

```

```

## Residuals:
##           Min         1Q      Median        3Q       Max
## -2.635e-11 -9.600e-15  4.000e-15  3.490e-14  4.816e-13
##
## Coefficients:
##             Estimate Std. Error   t value Pr(>|t|)    
## (Intercept) -9.198e-14  5.033e-15 -1.828e+01  <2e-16 ***
## Adj.Close    1.000e+00  4.671e-18  2.141e+17  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3.39e-13 on 6255 degrees of freedom
## Multiple R-squared:     1, Adjusted R-squared:    1
## F-statistic: 4.582e+34 on 1 and 6255 DF,  p-value: < 2.2e-16

# Load necessary libraries
library(MASS) # For the stepAIC function

# Load your data (replace 'your_data.csv' with your actual file)
data <- read.csv(file)

# Check for missing values
sum(is.na(data))

## [1] 0

# If necessary, handle missing values (e.g., by removing rows with NA values)
data <- na.omit(data)

# Define the response variable and predictor variables
# Assume we are predicting the 'Close' price based on other variables
response <- "Close"
predictors <- c("Open", "High", "Low", "Adj.Close", "Volume")

# Create the full model (using all predictors)
full_model <- lm(as.formula(paste(response, "~", paste(predictors, collapse = " + "))), data = data)

# Perform backward elimination using the step function
backward_elimination <- step(full_model, direction = "backward")

## Start: AIC=-409753.6
## Close ~ Open + High + Low + Adj.Close + Volume

## Warning: attempting model selection on an essentially perfect fit is
## nonsense

##           Df Sum of Sq    RSS      AIC
## - Low      1      0      0 -413173
## - Volume   1      0      0 -409754
## <none>          0      0 -409754

```

```

## - Open      1      0      0 -409625
## - High      1      0      0 -401819
## - Adj.Close 1  342579 342579   25056
##
## Step: AIC=-413173.5
## Close ~ Open + High + Adj.Close + Volume

## Warning: attempting model selection on an essentially perfect fit is
nonsense

##          Df Sum of Sq    RSS    AIC
## - High      1      0      0 -416293
## - Volume    1      0      0 -413175
## <none>           0 -413173
## - Open      1      0      0 -396158
## - Adj.Close 1  860172 860172   30814
##
## Step: AIC=-416292.5
## Close ~ Open + Adj.Close + Volume

## Warning: attempting model selection on an essentially perfect fit is
nonsense

##          Df Sum of Sq    RSS    AIC
## - Volume    1      0      0 -416294
## <none>           0 -416293
## - Open      1      0      0 -359308
## - Adj.Close 1  1878787 1878787   35700
##
## Step: AIC=-416294.2
## Close ~ Open + Adj.Close

## Warning: attempting model selection on an essentially perfect fit is
nonsense

##          Df Sum of Sq    RSS    AIC
## <none>           0 -416294
## - Open      1      0      0 -359310
## - Adj.Close 1  1878803 1878803   35698

# Display the summary of the final model
summary(backward_elimination)

## Warning in summary.lm(backward_elimination): essentially perfect fit:
summary
## may be unreliable

##
## Call:
## lm(formula = Close ~ Open + Adj.Close, data = data)
##
## Residuals:
```

```
##           Min          1Q       Median         3Q        Max
## -2.725e-13 4.000e-18 6.000e-17 1.030e-16 1.124e-14
##
## Coefficients:
##             Estimate Std. Error   t value Pr(>|t|)
## (Intercept) 2.124e-14 5.298e-17 4.009e+02 <2e-16 ***
## Open        -2.004e-16 2.602e-18 -7.702e+01 <2e-16 ***
## Adj.Close    1.000e+00 2.604e-18 3.841e+17 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3.569e-15 on 6254 degrees of freedom
## Multiple R-squared:      1, Adjusted R-squared:     1
## F-statistic: 2.067e+38 on 2 and 6254 DF,  p-value: < 2.2e-16
```