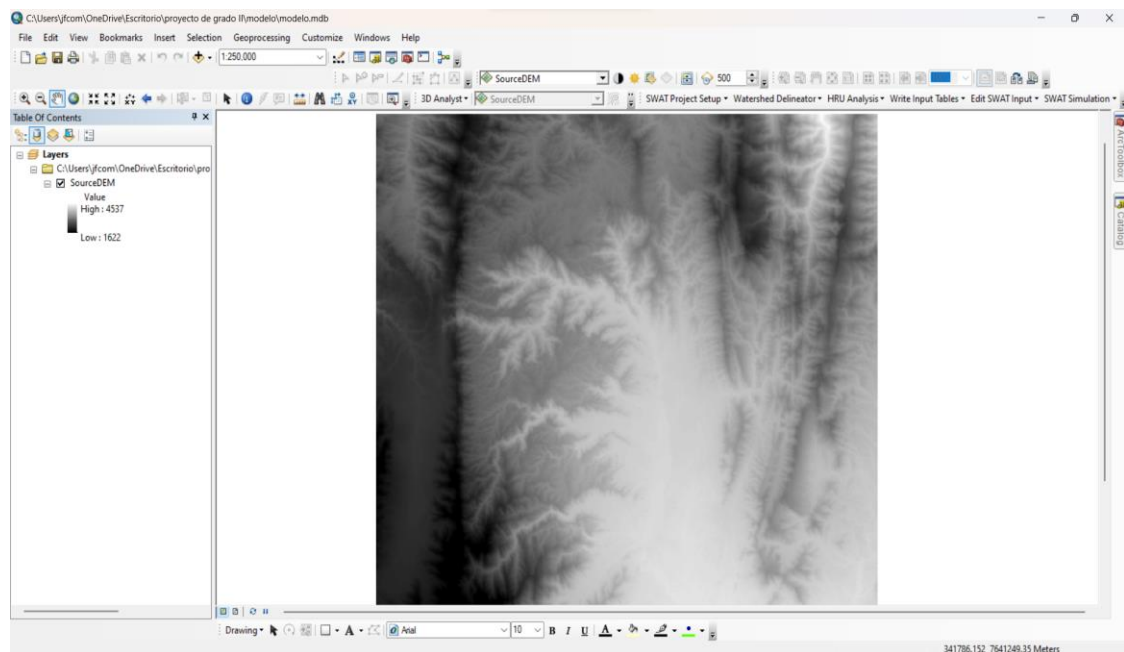
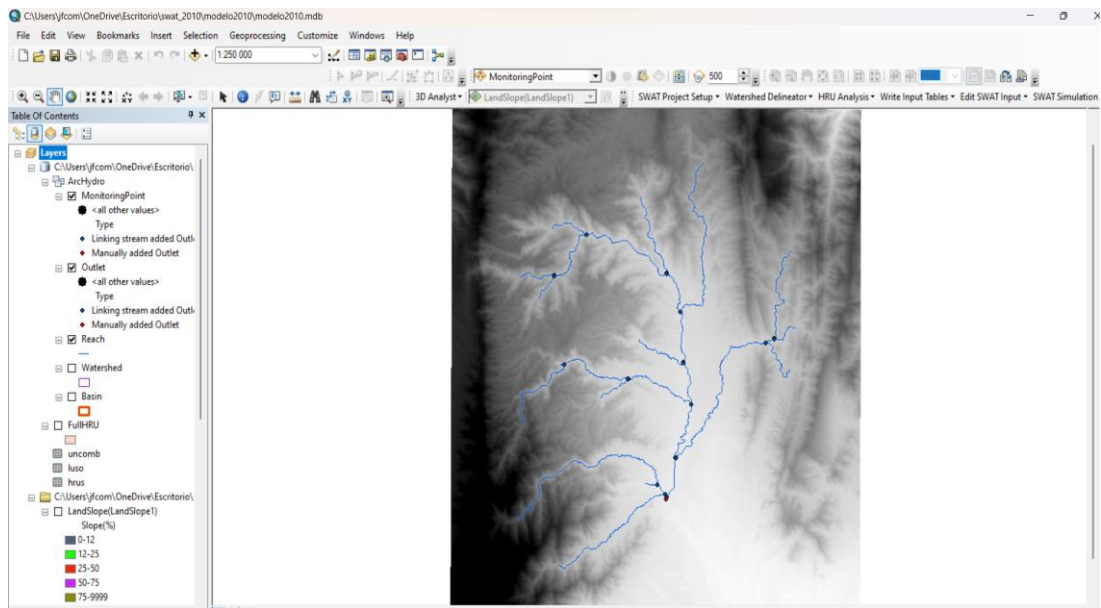


Anexo A: Desarrollo del paso a paso de la modelación Con SWAT

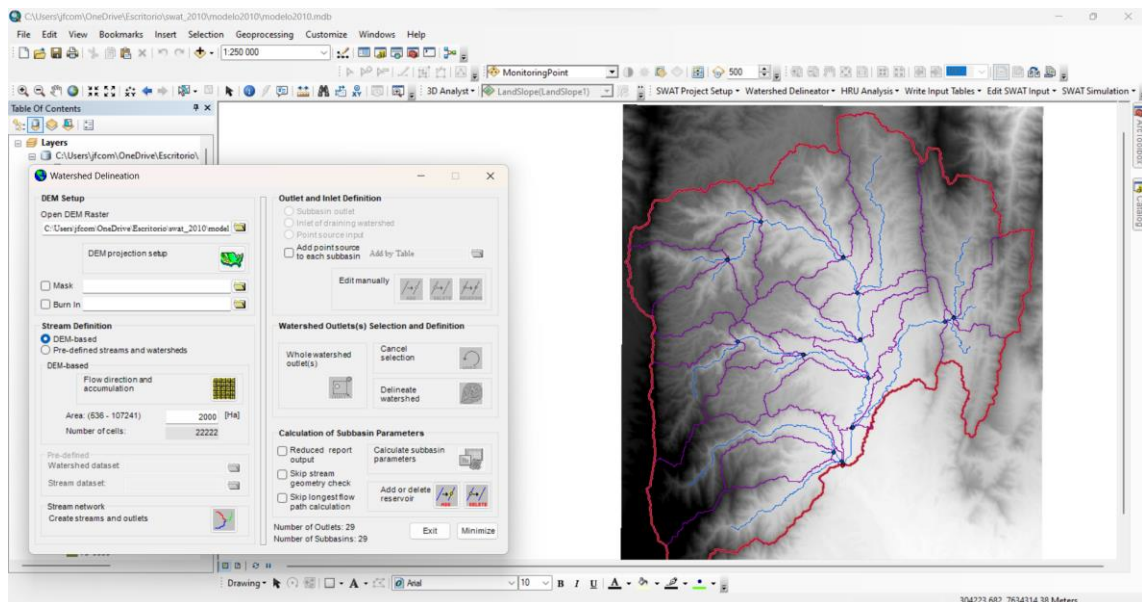
Teniendo en cuenta el desarrollo del presente proyecto de investigación, correspondiente al análisis multitemporal de la cobertura vegetal en la generación de caudales con el modelo SWAT aplicado específicamente a la Cuenca alta del Río Guadalquivir, se pretende por medio de imágenes explicar el paso a paso del procedimiento realizado por medio de la utilización del software ArcGIS y la interface ArcSWAT, el cual, se representa por medio de imágenes obtenidas a partir del seguimiento e ingreso de datos al programa.



Paso 1. Primeramente, se descargó el modelo digital de elevación (DEM) por medio del programa de Satélite de Alaska (ASF) y sensor Alos Palsar con una resolución espacial final de 12,5 m en el cual también se hizo un fill rellenar espacios vacíos y posteriormente se cortó el DEM por ser grande y pesado para su mejor manipulación.

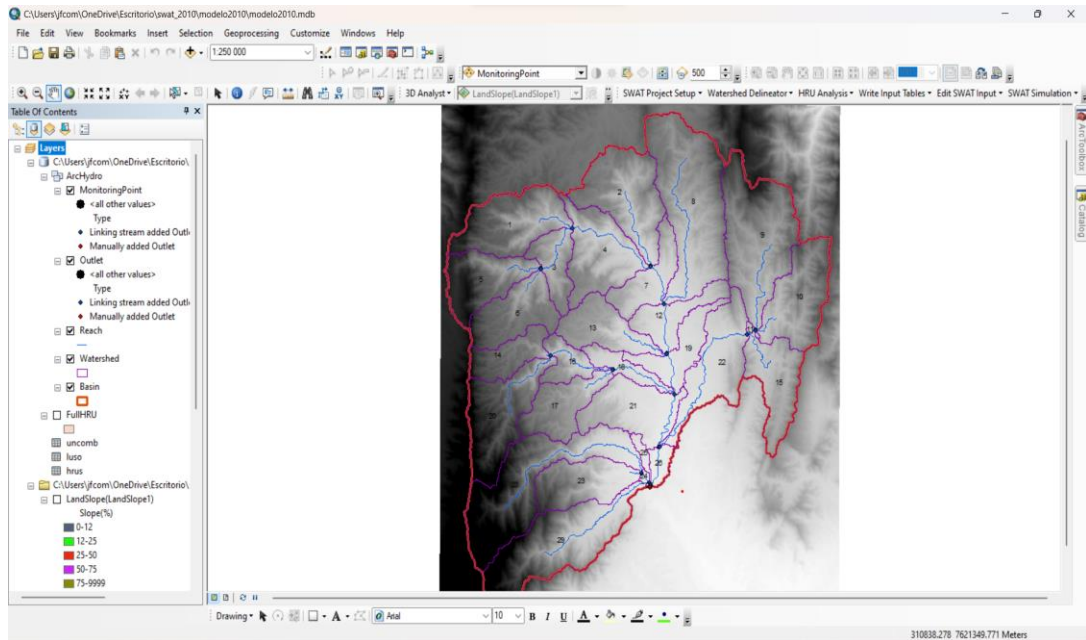


Paso 2. Posteriormente, por medio de la utilización de la herramienta “Watershed Delineation” de la interfaz ARCSWAT, se ingresó el DEM anteriormente obtenido con el fin de calcular la dirección del flujo y su acumulación, además de la obtención de los ríos presentes en la zona de estudio.

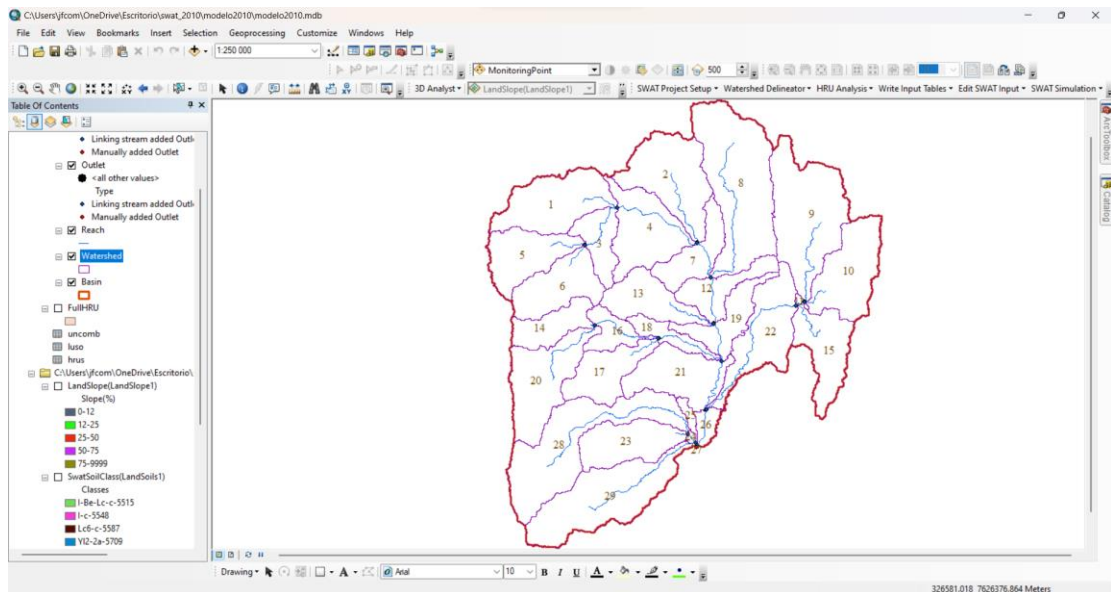


Paso 3. A partir de la obtención de los ríos, se ubica la estación hidrometeorológica pertenecientes al IDEAM, en la que se utiliza especialmente la estación de Obrajes con aforos de caudales y también como cierre de la cuenca. Luego con la ubicación de las

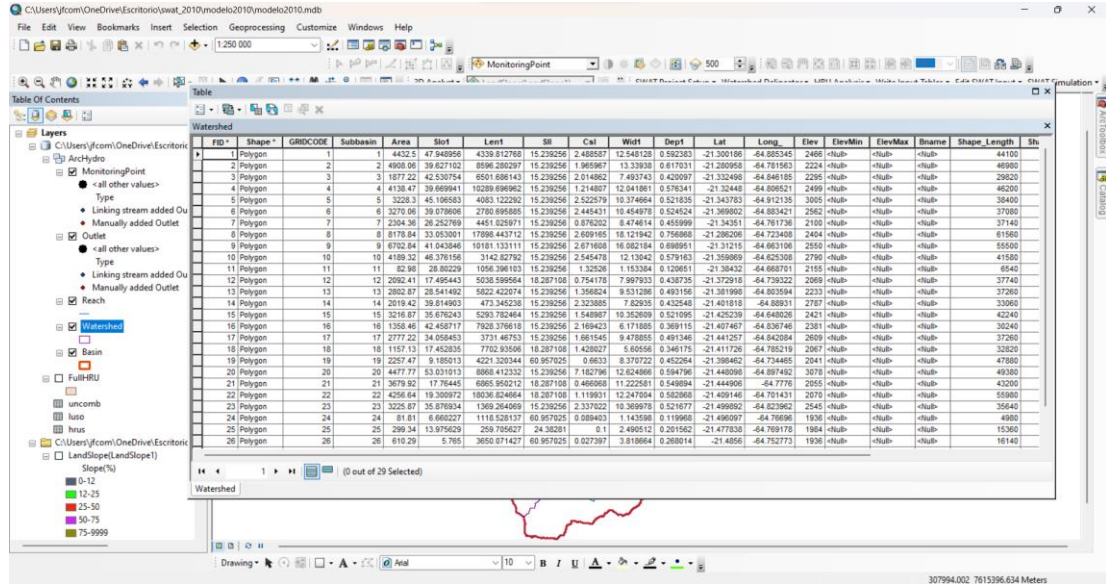
estaciones se procede a realizar la delimitación de la cuenca, que es la figura que se puede apreciar de color rojo.



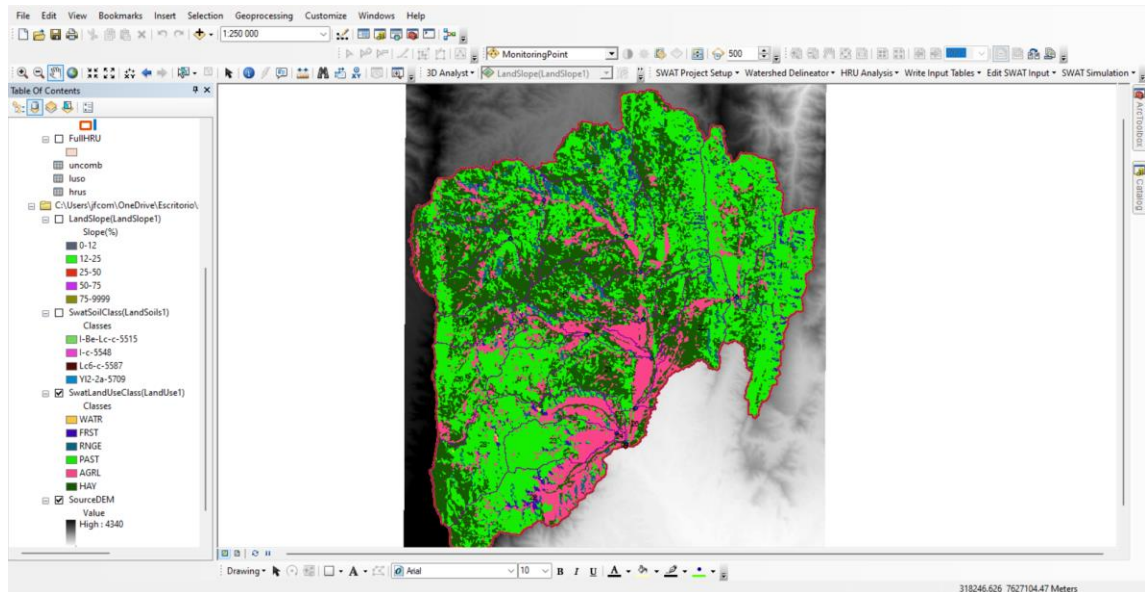
Paso 4. En la siguiente imagen se puede observar de manera más detallada la zona de estudio en la que se presentan por medio del shapefile los ríos y las sub cuencas pertenecientes de la cuenca alta del río Guadalquivir.



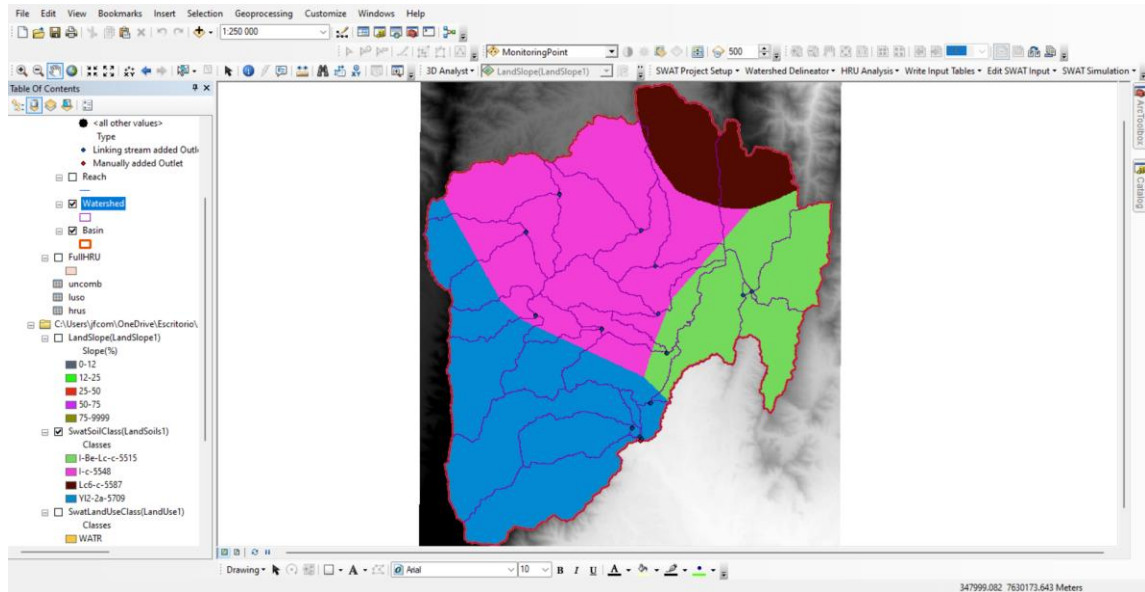
Paso 5. Terminando el proceso con la herramienta “Watershed Delineation”, se puede observar la delimitación final de la cuenca alta del río Guadalquivir, en la cual se dividió la cuenca principal en subcuencas, específicamente en 29 subcuencas.



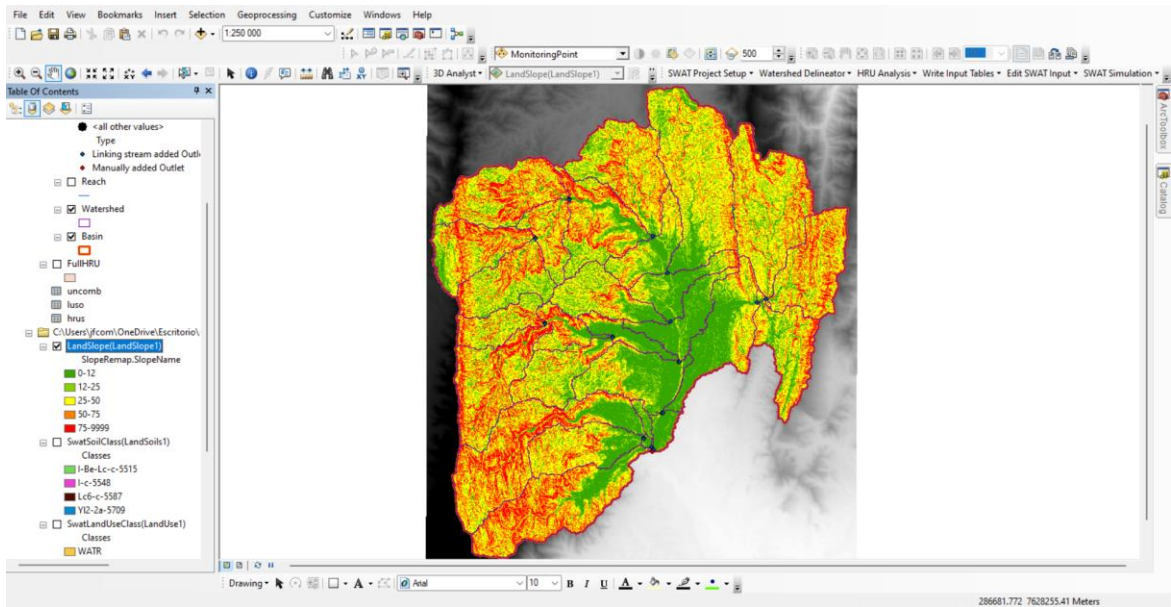
Paso 6. Del shapefile de la delimitación final de la cuenca se puede observar en la tabla de atributos del proceso del modelo hidrológico SWAT, el cálculo de las características geomorfológicas para cada sub cuenca y el tramo del río principal cabe resaltar que se puede apreciar los datos de área, elevación, longitud, entre otros.



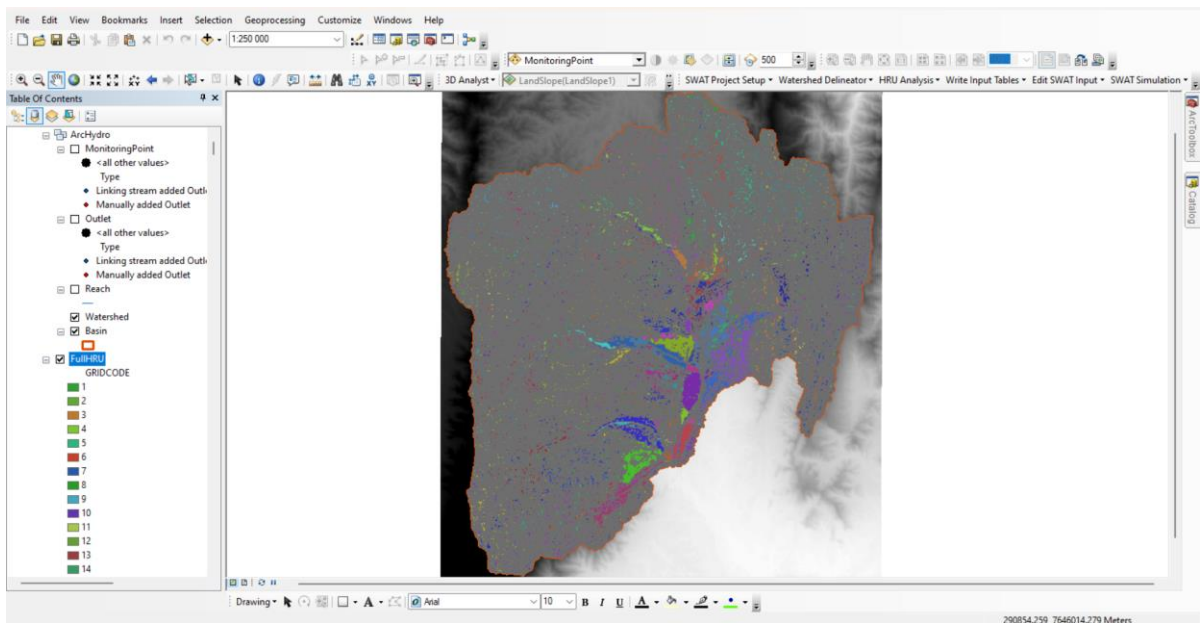
Paso 7. Al ingresar los datos requeridos por el modelo, se realizó la adaptación de la capa geográfica y la información de cobertura vegetal descargada de la página oficial de Geo Bolivia, siguiendo la metodología Corine Land Cover expuesta para Bolivia y relacionándola con su respectiva cobertura SWAT.



Paso 8. Seguidamente, se realizaron los ajustes pertinentes requeridos por el modelo hidrológico SWAT de la capa geográfica de suelos, la cual fue suministrada por Geo Bolivia. Junto con el ajuste de la capa se procedió al ingreso de la información de suelos suministrados por el Estudio General De Suelos y Zonificación de Tierras, conforme a las exigencias claras respecto a la forma en la que se debe ingresar la información de suelo al modelo hidrológico SWAT.

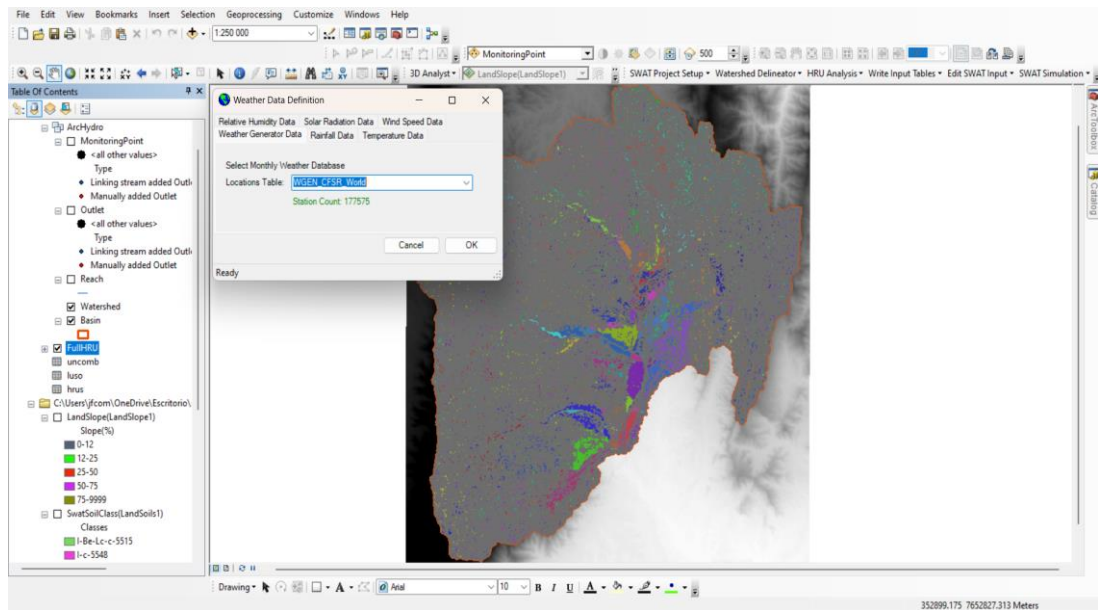


Paso 9. Con el fin de mostrar el comportamiento topográfico general del área de estudio se realizó la clasificación de las pendientes siguiendo los intervalos de pendientes propuestos por Zonisc.

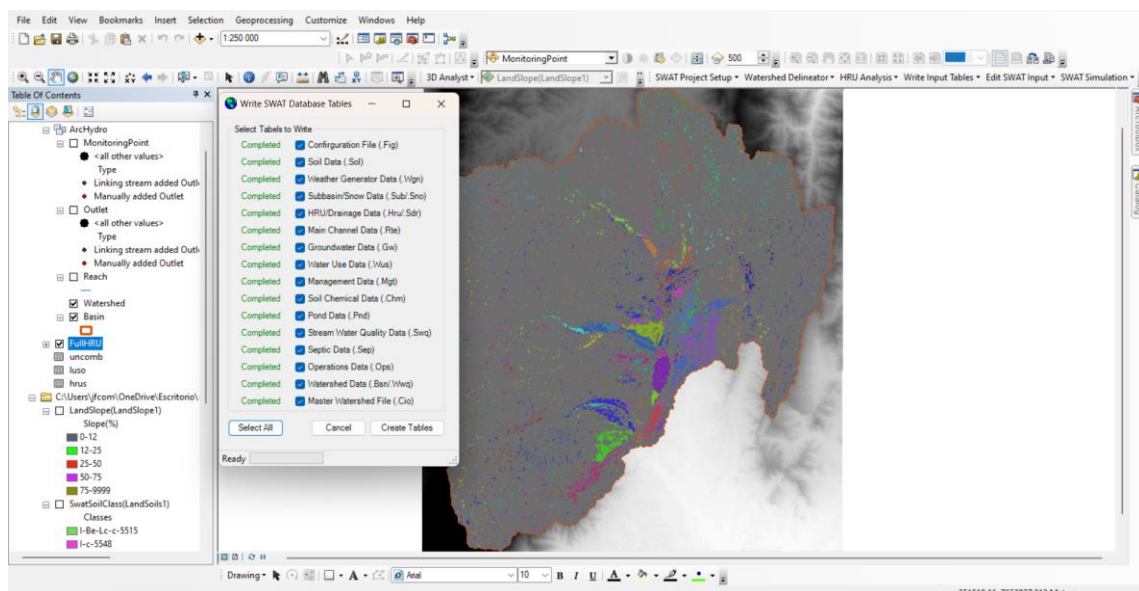


Paso 10. Para obtener las unidades hidrológicas de respuesta, se contó con el mapa e información de las coberturas vegetales y uso del suelo, tipos de los suelos, y el modelo de elevación digital que permite establecer la pendiente del terreno. Estas tres capas de información se cruzaron mediante álgebra de mapas y generaron las combinaciones

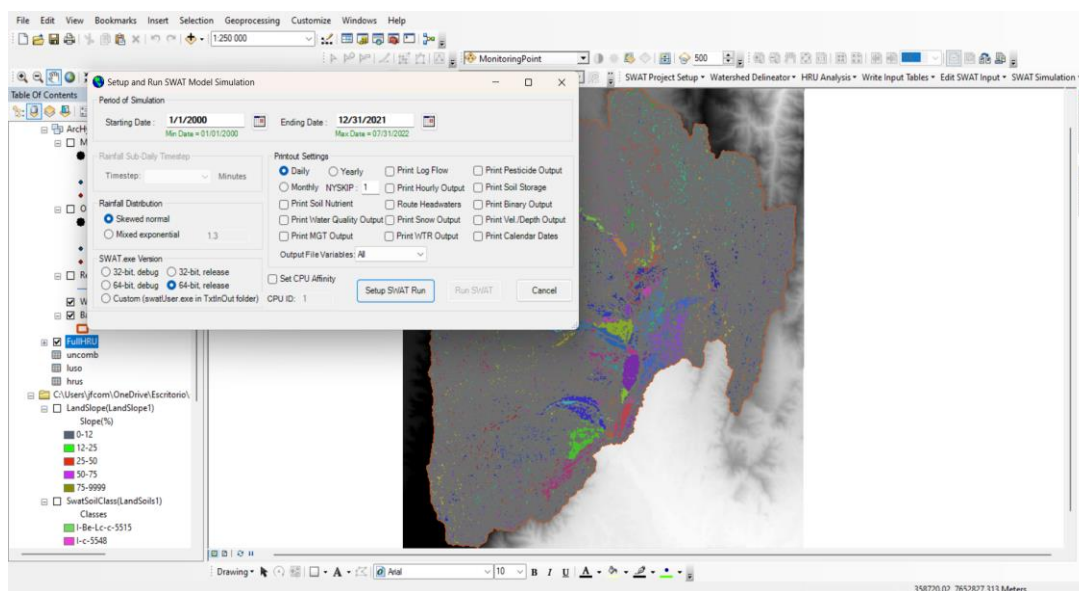
posibles entre estas, cada una de las combinaciones constituirá una HRU, como se evidencia en la imagen.



Paso 11. Con la información de datos hidrometeorológicos históricos de mínimo 20 años atrás, de temperaturas máximas y mínimas, precipitación como datos principales y como datos secundarios humedad relativa, se ingresó esta información a la base de datos interna del modelo y en formatos legibles para que el modelo hidrológico SWAT reconozca la información suministrada.

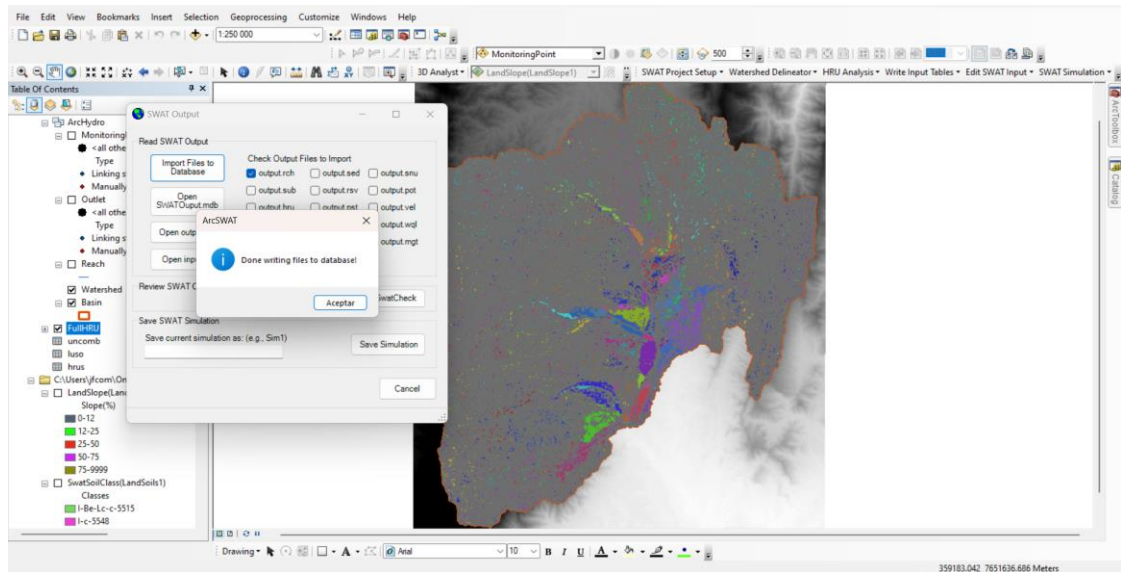


Paso 12. Continuando con el proceso por medio de la herramienta “Write SWAT Database Tables” el mismo programa comprueba que se suministró correctamente la información requerida para la creación del modelo hidrológico de la cuenca alta del río Guadalquivir.



Paso 13. De modo que, se procede a correr el programa para obtener la simulación del modelo hidrológico correspondiente a la zona de estudio. Es importante mencionar que el periodo de calibración se tuvo en cuenta con los años comprendidos entre 2001 a 2014,

dejando un año que se seleccionó el 2000 como periodo de “Calentamiento del modelo y también el llenado de los acuíferos”.



Paso 14. Por último, se obtiene el caudal simulado por el programa ARCSWAT, el cual es comparado con el caudal medido de la estación Obrajes. Cabe resaltar que esta comparación de caudales se realiza posteriormente en Excel.

Anexo B: Resultados del modelo de observados y simulados

Fecha	Observado	Simulado	Fecha	Observado	Simulado	Fecha	Observado	Simulado
01/01/2004	4.368	9.244	09/01/2007	0.738	0.369	05/04/2011	6.400	9.280
01/02/2004	4.526	8.723	09/02/2007	0.733	0.367	05/05/2011	6.300	9.085
01/03/2004	4.684	8.552	09/03/2007	0.729	0.365	05/06/2011	6.200	8.875
01/04/2004	4.842	8.446	09/04/2007	0.725	0.363	05/07/2011	6.100	8.725
01/05/2004	5.000	8.415	09/05/2007	0.721	0.361	05/08/2011	6.000	8.515
01/06/2004	4.914	8.182	09/06/2007	0.717	0.359	05/09/2011	5.900	8.360
01/07/2004	4.827	13.3985	09/07/2007	0.713	0.360	05/10/2011	5.800	8.170
01/08/2004	4.741	9.5005	09/08/2007	0.708	0.357	05/11/2011	5.700	8.090
01/09/2004	4.655	8.7375	09/09/2007	0.704	0.355	05/12/2011	5.600	7.935
01/10/2004	4.568	8.474	09/10/2007	0.700	0.353	05/13/2011	5.500	7.744
01/11/2004	4.482	8.256	09/11/2007	0.691	0.348	05/14/2011	5.400	7.571
01/12/2004	4.396	13.488	09/12/2007	0.682	0.343	05/15/2011	5.300	7.447
01/13/2004	4.309	11.2595	09/13/2007	0.673	0.343	05/16/2011	5.200	7.297
01/14/2004	4.223	9.6115	09/14/2007	0.664	0.341	05/17/2011	5.100	7.077
01/15/2004	4.136	9.218	09/15/2007	0.655	0.332	05/18/2011	5.000	6.903
01/16/2004	4.05	9.045	09/16/2007	0.646	0.325	05/19/2011	4.900	6.708
01/17/2004	3.964	9.547	09/17/2007	0.636	0.320	05/20/2011	4.800	6.575
01/18/2004	3.877	9.5385	09/18/2007	0.627	0.315	05/21/2011	4.700	6.331
01/19/2004	3.791	9.1255	09/19/2007	0.618	0.310	05/22/2011	4.600	6.135
01/20/2004	3.705	10.7475	09/20/2007	0.609	0.306	05/23/2011	4.500	5.978
01/21/2004	3.618	9.684	09/21/2007	0.600	0.307	05/24/2011	4.400	5.788
01/22/2004	3.532	9.491	09/22/2007	0.591	0.301	05/25/2011	4.300	5.543
01/23/2004	3.446	9.268	09/23/2007	0.582	0.311	05/26/2011	4.200	5.363
01/24/2004	3.359	9.0695	09/24/2007	0.573	0.330	05/27/2011	4.100	5.141
01/25/2004	3.273	8.9165	09/25/2007	0.564	0.325	05/28/2011	4.000	4.844
01/26/2004	3.186	8.798	09/26/2007	0.555	0.313	05/29/2011	3.900	4.627
01/27/2004	3.1	8.645	09/27/2007	0.546	0.302	05/30/2011	3.800	4.383
01/28/2004	3.203	8.7965	09/28/2007	0.536	0.288	05/31/2011	3.700	4.190
01/29/2004	3.306	8.743	09/29/2007	0.527	0.280	06/01/2011	3.600	3.967
01/30/2004	3.408	8.754	09/30/2007	0.518	0.272	06/02/2011	3.500	3.705
01/31/2004	3.511	8.6405	10/01/2007	0.509	0.262	06/03/2011	3.400	3.597
02/01/2004	3.614	8.537	10/02/2007	0.500	0.258	06/04/2011	3.300	3.429
02/02/2004	3.717	8.5085	10/03/2007	0.500	0.265	06/05/2011	3.200	3.340
02/03/2004	3.819	8.7995	10/04/2007	0.500	0.263	06/06/2011	3.100	3.199
02/04/2004	3.922	9.006	10/05/2007	0.500	0.258	06/07/2011	3.000	3.012
02/05/2004	4.025	25.0125	10/06/2007	0.500	0.498	06/08/2011	2.900	2.859
02/06/2004	4.128	11.249	10/07/2007	0.500	0.639	06/09/2011	2.800	2.721
02/07/2004	4.231	9.8555	10/08/2007	0.500	0.638	06/10/2011	2.700	2.632
02/08/2004	4.333	9.6165	10/09/2007	0.500	0.596	06/11/2011	2.600	2.554

02/09/2004	4.436	9.528	10/10/2007	0.500	0.576	06/12/2011	2.500	2.485
02/10/2004	4.539	10.2745	10/11/2007	0.500	0.551	06/13/2011	2.400	2.396
02/11/2004	4.642	9.771	10/12/2007	0.500	0.530	06/14/2011	2.300	2.322
02/12/2004	4.744	33.827	10/13/2007	0.500	0.508	06/15/2011	2.275	2.162
02/13/2004	4.847	13.6085	10/14/2007	0.500	0.460	06/16/2011	2.251	2.047
02/14/2004	4.95	11.095	10/15/2007	0.500	0.427	06/17/2011	2.226	1.987
02/15/2004	5.053	10.7365	10/16/2007	0.500	0.446	06/18/2011	2.202	1.932
02/16/2004	5.156	10.623	10/17/2007	0.500	0.390	06/19/2011	2.177	1.865
02/17/2004	5.258	10.589	10/18/2007	0.500	0.357	06/20/2011	2.153	1.747
02/18/2004	5.361	11.2655	10/19/2007	0.500	0.342	06/21/2011	2.128	1.684
02/19/2004	5.464	11.192	10/20/2007	0.500	0.326	06/22/2011	2.104	1.634
02/20/2004	5.567	11.3735	10/21/2007	0.500	0.368	06/23/2011	2.079	1.636
02/21/2004	5.669	11.1845	10/22/2007	0.500	8.275	06/24/2011	2.054	1.585
02/22/2004	5.772	11.051	10/23/2007	0.500	6.410	06/25/2011	2.030	1.569
02/23/2004	5.875	10.9725	10/24/2007	0.500	4.412	06/26/2011	2.005	1.543
02/24/2004	5.978	10.849	10/25/2007	0.500	2.593	06/27/2011	1.981	1.480
02/25/2004	6.081	10.6905	10/26/2007	0.500	2.158	06/28/2011	1.956	1.451
02/26/2004	6.183	10.5965	10/27/2007	0.500	1.912	06/29/2011	1.932	1.417
02/27/2004	6.286	10.488	10/28/2007	0.500	1.746	06/30/2011	1.907	1.334
02/28/2004	6.389	10.4195	10/29/2007	0.500	2.880	07/01/2011	1.883	1.286
02/29/2004	6.492	10.316	10/30/2007	0.500	2.330	07/02/2011	1.858	1.239
03/01/2004	6.594	10.387	10/31/2007	0.500	3.484	07/03/2011	1.833	1.220
03/02/2004	6.697	10.5235	11/01/2007	0.500	2.563	07/04/2011	1.809	1.203
03/03/2004	6.8	10.415	11/02/2007	0.500	2.270	07/05/2011	1.784	1.134
03/04/2004	6.863	10.3065	11/03/2007	0.500	2.133	07/06/2011	1.760	1.086
03/05/2004	6.925	10.1675	11/04/2007	0.500	2.067	07/07/2011	1.735	1.045
03/06/2004	6.988	10.054	11/05/2007	0.500	1.983	07/08/2011	1.711	1.041
03/07/2004	7.05	10.075	11/06/2007	0.536	2.042	07/09/2011	1.686	0.986
03/08/2004	7.113	10.1415	11/07/2007	0.573	2.128	07/10/2011	1.661	0.965
03/09/2004	7.175	10.1325	11/08/2007	0.609	2.082	07/11/2011	1.637	0.956
03/10/2004	7.238	10.089	11/09/2007	0.646	2.045	07/12/2011	1.612	0.940
03/11/2004	7.3	10.06	11/10/2007	0.682	2.009	07/13/2011	1.588	0.943
03/12/2004	7.363	12.1465	11/11/2007	0.718	2.081	07/14/2011	1.563	0.921
03/13/2004	7.425	10.7375	11/12/2007	0.755	2.077	07/15/2011	1.539	0.905
03/14/2004	7.488	10.384	11/13/2007	0.791	2.029	07/16/2011	1.514	0.877
03/15/2004	7.55	10.425	11/14/2007	0.827	2.178	07/17/2011	1.490	0.845
03/16/2004	7.613	10.1715	11/15/2007	0.864	2.174	07/18/2011	1.465	0.840
03/17/2004	7.675	14.9925	11/16/2007	0.900	2.133	07/19/2011	1.440	0.825
03/18/2004	7.738	11.639	11/17/2007	0.936	2.086	07/20/2011	1.416	0.808
03/19/2004	7.8	12.335	11/18/2007	0.973	2.174	07/21/2011	1.391	0.777
03/20/2004	7.642	11.976	11/19/2007	1.009	2.246	07/22/2011	1.367	0.763
03/21/2004	7.485	16.1425	11/20/2007	1.046	5.366	07/23/2011	1.342	0.738

03/22/2004	7.327	12.2785	11/21/2007	1.082	3.763	07/24/2011	1.318	0.726
03/23/2004	7.169	11.6095	11/22/2007	1.118	3.328	07/25/2011	1.293	0.697
03/24/2004	7.012	11.351	11/23/2007	1.155	3.431	07/26/2011	1.268	0.696
03/25/2004	6.854	11.107	11/24/2007	1.191	3.485	07/27/2011	1.244	0.684
03/26/2004	6.696	10.948	11/25/2007	1.227	3.357	07/28/2011	1.219	0.661
03/27/2004	6.539	10.7795	11/26/2007	1.264	3.223	07/29/2011	1.195	0.647
03/28/2004	6.381	10.9505	11/27/2007	1.300	3.304	07/30/2011	1.170	0.644
03/29/2004	6.223	10.6365	11/28/2007	1.515	3.710	07/31/2011	1.146	0.605
03/30/2004	6.065	10.4225	11/29/2007	1.731	10.756	08/01/2011	1.121	0.592
03/31/2004	5.908	10.179	11/30/2007	1.946	5.500	08/02/2011	1.097	0.582
04/01/2004	5.75	9.97	12/01/2007	2.162	4.716	08/03/2011	1.072	0.574
04/02/2004	5.592	9.721	12/02/2007	2.377	4.926	08/04/2011	1.047	0.563
04/03/2004	5.435	9.5675	12/03/2007	2.592	5.382	08/05/2011	1.023	0.559
04/04/2004	5.277	9.4035	12/04/2007	2.808	27.169	08/06/2011	0.998	0.548
04/05/2004	5.119	9.1345	12/05/2007	3.023	23.162	08/07/2011	0.974	0.513
04/06/2004	4.962	8.921	12/06/2007	3.239	9.055	08/08/2011	0.949	0.496
04/07/2004	4.804	8.987	12/07/2007	3.454	7.202	08/09/2011	0.925	0.485
04/08/2004	4.646	8.733	12/08/2007	3.669	7.000	08/10/2011	0.900	0.470
04/09/2004	4.489	8.5545	12/09/2007	3.885	6.963	08/11/2011	0.900	0.462
04/10/2004	4.331	8.3355	12/10/2007	4.100	6.818	08/12/2011	0.900	0.468
04/11/2004	4.173	8.1265	12/11/2007	4.425	6.896	08/13/2011	0.900	0.469
04/12/2004	4.015	7.9275	12/12/2007	4.750	6.852	08/14/2011	0.900	0.472
04/13/2004	3.858	7.674	12/13/2007	5.075	6.886	08/15/2011	0.900	0.474
04/14/2004	3.7	7.735	12/14/2007	5.400	7.011	08/16/2011	0.900	0.470
04/15/2004	3.667	7.5735	12/15/2007	5.725	7.462	08/17/2011	0.900	0.459
04/16/2004	3.633	7.7865	12/16/2007	6.050	7.886	08/18/2011	0.900	0.459
04/17/2004	3.6	7.62	12/17/2007	6.375	8.498	08/19/2011	0.900	0.464
04/18/2004	3.567	7.4285	12/18/2007	6.700	8.665	08/20/2011	0.900	0.477
04/19/2004	3.533	7.3265	12/19/2007	7.025	8.783	08/21/2011	0.900	0.485
04/20/2004	3.5	7.135	12/20/2007	7.350	8.815	08/22/2011	0.900	0.488
04/21/2004	3.467	7.0035	12/21/2007	7.675	8.816	08/23/2011	0.900	0.486
04/22/2004	3.433	6.8115	12/22/2007	8.000	8.865	08/24/2011	0.900	0.480
04/23/2004	3.4	6.68	12/23/2007	8.325	10.188	08/25/2011	0.900	0.463
04/24/2004	3.367	6.5425	12/24/2007	8.650	12.015	08/26/2011	0.900	0.460
04/25/2004	3.333	6.364	12/25/2007	8.975	10.503	08/27/2011	0.900	0.456
04/26/2004	3.3	6.315	12/26/2007	9.300	10.345	08/28/2011	0.900	0.455
04/27/2004	3.267	6.1325	12/27/2007	9.625	10.403	08/29/2011	0.900	0.452
04/28/2004	3.233	5.995	12/28/2007	9.950	10.375	08/30/2011	0.900	0.453
04/29/2004	3.2	5.8415	12/29/2007	10.275	10.423	08/31/2011	0.900	0.453
04/30/2004	3.167	5.839	12/30/2007	10.600	14.565	09/01/2011	0.900	0.453
05/01/2004	3.133	5.649	12/31/2007	10.925	14.693	09/02/2011	0.900	0.452
05/02/2004	3.1	5.5125	01/01/2008	11.250	12.820	09/03/2011	0.900	0.452

05/03/2004	3.067	5.569	01/02/2008	11.575	12.368	09/04/2011	0.900	0.452
05/04/2004	3.033	5.551	01/03/2008	11.900	18.265	09/05/2011	0.900	0.452
05/05/2004	3	5.5285	01/04/2008	12.225	16.318	09/06/2011	0.900	0.452
05/06/2004	2.967	5.3465	01/05/2008	12.550	37.755	09/07/2011	0.900	0.452
05/07/2004	2.933	5.148	01/06/2008	12.875	17.003	09/08/2011	0.900	0.452
05/08/2004	2.9	4.9655	01/07/2008	13.200	15.260	09/09/2011	0.900	0.452
05/09/2004	2.867	4.7865	01/08/2008	13.319	18.360	09/10/2011	0.900	0.452
05/10/2004	2.833	4.56	01/09/2008	13.439	15.390	09/11/2011	0.900	0.452
05/11/2004	2.8	4.417	01/10/2008	13.558	14.784	09/12/2011	0.900	0.452
05/12/2004	2.767	4.351	01/11/2008	13.678	14.989	09/13/2011	0.900	0.452
05/13/2004	2.733	4.298	01/12/2008	13.797	14.919	09/14/2011	0.900	0.452
05/14/2004	2.7	4.148	01/13/2008	13.917	14.854	09/15/2011	0.900	0.452
05/15/2004	2.667	3.9955	01/14/2008	14.036	14.818	09/16/2011	0.900	0.451
05/16/2004	2.633	3.847	01/15/2008	14.156	14.788	09/17/2011	0.900	0.452
05/17/2004	2.6	3.6545	01/16/2008	14.275	15.708	09/18/2011	0.900	0.456
05/18/2004	2.567	3.485	01/17/2008	14.394	19.737	09/19/2011	0.900	0.456
05/19/2004	2.533	3.288	01/18/2008	14.514	27.112	09/20/2011	0.900	0.460
05/20/2004	2.5	3.077	01/19/2008	14.633	49.747	09/21/2011	0.900	0.456
05/21/2004	2.467	2.9635	01/20/2008	14.753	26.997	09/22/2011	0.900	0.453
05/22/2004	2.433	2.843	01/21/2008	14.872	19.056	09/23/2011	0.900	0.453
05/23/2004	2.4	2.785	01/22/2008	14.992	17.961	09/24/2011	0.900	0.452
05/24/2004	2.367	2.668	01/23/2008	15.111	17.876	09/25/2011	0.900	0.452
05/25/2004	2.333	2.597	01/24/2008	15.231	18.971	09/26/2011	0.900	0.452
05/26/2004	2.3	2.465	01/25/2008	15.350	18.670	09/27/2011	0.900	0.452
05/27/2004	2.267	2.3145	01/26/2008	15.469	19.645	09/28/2011	0.900	0.452
05/28/2004	2.233	2.192	01/27/2008	15.589	19.950	09/29/2011	0.900	0.451
05/29/2004	2.2	2.149	01/28/2008	15.708	19.469	09/30/2011	0.900	0.452
05/30/2004	2.167	2.1235	01/29/2008	15.828	23.509	10/01/2011	0.900	0.453
05/31/2004	2.133	2.0635	01/30/2008	15.947	24.154	10/02/2011	0.900	0.455
06/01/2004	2.1	1.9625	01/31/2008	16.067	25.899	10/03/2011	0.900	0.457
06/02/2004	2.067	1.809	02/01/2008	16.186	24.873	10/04/2011	0.900	0.462
06/03/2004	2.033	1.689	02/02/2008	16.306	22.163	10/05/2011	0.900	0.510
06/04/2004	2	1.614	02/03/2008	16.425	21.708	10/06/2011	0.900	0.545
06/05/2004	1.967	1.5365	02/04/2008	16.544	21.612	10/07/2011	0.900	0.560
06/06/2004	1.933	1.5645	02/05/2008	16.664	21.512	10/08/2011	0.900	0.534
06/07/2004	1.9	1.5385	02/06/2008	16.783	21.477	10/09/2011	0.900	0.525
06/08/2004	1.867	1.5185	02/07/2008	16.903	21.427	10/10/2011	0.900	0.513
06/09/2004	1.833	1.483	02/08/2008	17.022	21.451	10/11/2011	0.940	0.524
06/10/2004	1.8	1.451	02/09/2008	17.142	21.466	10/12/2011	0.981	0.546
06/11/2004	1.767	1.418	02/10/2008	17.261	21.656	10/13/2011	1.021	0.555
06/12/2004	1.733	1.401	02/11/2008	17.381	21.516	10/14/2011	1.061	0.574
06/13/2004	1.7	1.309	02/12/2008	17.500	21.450	10/15/2011	1.102	0.607

06/14/2004	1.667	1.2521	02/13/2008	17.331	21.211	10/16/2011	1.142	0.623
06/15/2004	1.633	1.19795	02/14/2008	17.161	20.921	10/17/2011	1.183	0.642
06/16/2004	1.6	1.10305	02/15/2008	16.992	20.726	10/18/2011	1.223	0.657
06/17/2004	1.567	1.01615	02/16/2008	16.822	20.516	10/19/2011	1.263	0.673
06/18/2004	1.533	0.98665	02/17/2008	16.653	20.292	10/20/2011	1.304	0.750
06/19/2004	1.5	0.91815	02/18/2008	16.483	20.052	10/21/2011	1.344	0.761
06/20/2004	1.467	0.88525	02/19/2008	16.314	19.832	10/22/2011	1.384	0.770
06/21/2004	1.433	0.8872	02/20/2008	16.144	19.762	10/23/2011	1.425	0.768
06/22/2004	1.4	0.86075	02/21/2008	15.975	21.308	10/24/2011	1.465	0.776
06/23/2004	1.433	0.87205	02/22/2008	15.805	23.158	10/25/2011	1.505	0.787
06/24/2004	1.467	0.89075	02/23/2008	15.636	20.618	10/26/2011	1.546	0.802
06/25/2004	1.5	0.90195	02/24/2008	15.466	19.978	10/27/2011	1.586	0.815
06/26/2004	1.533	0.93105	02/25/2008	15.297	36.594	10/28/2011	1.626	0.837
06/27/2004	1.567	0.9547	02/26/2008	15.127	31.079	10/29/2011	1.667	0.883
06/28/2004	1.6	0.96415	02/27/2008	14.958	26.684	10/30/2011	1.707	1.119
06/29/2004	1.633	0.9617	02/28/2008	14.788	22.189	10/31/2011	1.747	1.235
06/30/2004	1.667	0.99185	02/29/2008	14.619	21.320	11/01/2011	1.788	1.233
07/01/2004	1.7	0.9992	03/01/2008	14.449	21.030	11/02/2011	1.828	1.221
07/02/2004	1.67	0.92855	03/02/2008	14.280	69.140	11/03/2011	1.868	1.220
07/03/2004	1.64	0.9202	03/03/2008	14.110	28.820	11/04/2011	1.909	1.232
07/04/2004	1.61	0.90685	03/04/2008	13.941	22.721	11/05/2011	1.949	1.212
07/05/2004	1.58	0.89315	03/05/2008	13.771	21.821	11/06/2011	1.990	1.222
07/06/2004	1.55	0.85575	03/06/2008	13.602	21.491	11/07/2011	2.030	1.207
07/07/2004	1.52	0.853	03/07/2008	13.432	21.416	11/08/2011	2.070	1.193
07/08/2004	1.49	0.8312	03/08/2008	13.263	21.052	11/09/2011	2.111	1.176
07/09/2004	1.46	0.81865	03/09/2008	13.093	20.827	11/10/2011	2.151	1.188
07/10/2004	1.43	0.8091	03/10/2008	12.924	21.992	11/11/2011	2.191	1.208
07/11/2004	1.4	0.79385	03/11/2008	12.754	21.102	11/12/2011	2.232	1.239
07/12/2004	1.37	0.76605	03/12/2008	12.585	21.063	11/13/2011	2.272	1.249
07/13/2004	1.34	0.74505	03/13/2008	12.415	23.428	11/14/2011	2.312	1.254
07/14/2004	1.31	0.7263	03/14/2008	12.246	27.673	11/15/2011	2.353	1.368
07/15/2004	1.28	0.71145	03/15/2008	12.076	22.128	11/16/2011	2.393	1.400
07/16/2004	1.25	0.68025	03/16/2008	11.907	21.189	11/17/2011	2.433	1.401
07/17/2004	1.22	0.67075	03/17/2008	11.737	20.829	11/18/2011	2.474	1.394
07/18/2004	1.19	0.64665	03/18/2008	11.568	20.574	11/19/2011	2.514	1.451
07/19/2004	1.16	0.6386	03/19/2008	11.398	20.234	11/20/2011	2.554	1.549
07/20/2004	1.13	0.6177	03/20/2008	11.229	19.920	11/21/2011	2.595	1.625
07/21/2004	1.1	0.61285	03/21/2008	11.059	19.625	11/22/2011	2.635	1.636
07/22/2004	1.083	0.5864	03/22/2008	10.890	22.140	11/23/2011	2.675	1.609
07/23/2004	1.067	0.58565	03/23/2008	10.720	20.140	11/24/2011	2.716	1.608
07/24/2004	1.05	0.5871	03/24/2008	10.551	19.566	11/25/2011	2.756	1.591
07/25/2004	1.033	0.5504	03/25/2008	10.381	19.221	11/26/2011	2.797	1.596

07/26/2004	1.017	0.54485	03/26/2008	10.212	18.861	11/27/2011	2.837	1.718
07/27/2004	1	0.53145	03/27/2008	10.042	18.491	11/28/2011	2.877	1.749
07/28/2004	0.975	0.5279	03/28/2008	9.873	20.982	11/29/2011	2.918	2.331
07/29/2004	0.95	0.5371	03/29/2008	9.703	18.937	11/30/2011	2.958	2.034
07/30/2004	0.925	0.53895	03/30/2008	9.534	18.322	12/01/2011	2.998	2.050
07/31/2004	0.9	0.51695	03/31/2008	9.364	18.412	12/02/2011	3.039	2.010
08/01/2004	0.875	0.5041	04/01/2008	9.195	18.068	12/03/2011	3.079	1.985
08/02/2004	0.85	0.4807	04/02/2008	9.025	21.033	12/04/2011	3.119	1.965
08/03/2004	0.825	0.4499	04/03/2008	8.856	17.868	12/05/2011	3.160	1.980
08/04/2004	0.8	0.4412	04/04/2008	8.686	17.353	12/06/2011	3.200	2.319
08/05/2004	0.796	0.43545	04/05/2008	8.517	16.949	12/07/2011	3.335	2.759
08/06/2004	0.792	0.4419	04/06/2008	8.348	16.614	12/08/2011	3.470	4.253
08/07/2004	0.789	0.45625	04/07/2008	8.178	16.254	12/09/2011	3.605	4.082
08/08/2004	0.785	0.4562	04/08/2008	8.009	15.935	12/10/2011	3.740	3.699
08/09/2004	0.781	0.43345	04/09/2008	7.839	15.615	12/11/2011	3.874	3.660
08/10/2004	0.777	0.4337	04/10/2008	7.670	15.335	12/12/2011	4.009	4.142
08/11/2004	0.773	0.42695	04/11/2008	7.500	14.980	12/13/2011	4.144	15.007
08/12/2004	0.769	0.4167	04/12/2008	7.406	14.708	12/14/2011	4.279	6.957
08/13/2004	0.765	0.40735	04/13/2008	7.312	14.501	12/15/2011	4.414	5.221
08/14/2004	0.762	0.38645	04/14/2008	7.218	14.329	12/16/2011	4.549	9.370
08/15/2004	0.758	0.39675	04/15/2008	7.125	14.028	12/17/2011	4.684	13.267
08/16/2004	0.754	0.3977	04/16/2008	7.031	13.741	12/18/2011	4.819	7.580
08/17/2004	0.75	0.39445	04/17/2008	6.937	13.484	12/19/2011	4.954	6.343
08/18/2004	0.746	0.38275	04/18/2008	6.843	13.212	12/20/2011	5.088	9.539
08/19/2004	0.742	0.38035	04/19/2008	6.749	12.975	12/21/2011	5.223	6.395
08/20/2004	0.739	0.39035	04/20/2008	6.655	12.733	12/22/2011	5.358	6.005
08/21/2004	0.735	0.393	04/21/2008	6.561	12.496	12/23/2011	5.493	7.887
08/22/2004	0.731	0.3924	04/22/2008	6.467	12.219	12/24/2011	5.628	6.696
08/23/2004	0.727	0.3878	04/23/2008	6.374	12.012	12/25/2011	5.763	6.343
08/24/2004	0.723	0.3841	04/24/2008	6.280	11.755	12/26/2011	5.898	6.225
08/25/2004	0.719	0.36885	04/25/2008	6.186	11.553	12/27/2011	6.033	6.155
08/26/2004	0.715	0.36425	04/26/2008	6.092	11.296	12/28/2011	6.167	6.147
08/27/2004	0.712	0.35915	04/27/2008	5.998	11.079	12/29/2011	6.302	6.748
08/28/2004	0.708	0.3552	04/28/2008	5.904	10.842	12/30/2011	6.437	6.419
08/29/2004	0.704	0.35295	04/29/2008	5.810	10.640	12/31/2011	6.572	7.067
08/30/2004	0.7	0.35085	04/30/2008	5.716	10.413	01/01/2012	6.707	6.865
08/31/2004	0.691	0.3462	05/01/2008	5.622	10.171	01/02/2012	6.842	8.075
09/01/2004	0.681	0.34125	05/02/2008	5.529	9.985	01/03/2012	6.977	7.208
09/02/2004	0.672	0.3368	05/03/2008	5.435	9.768	01/04/2012	7.112	7.083
09/03/2004	0.663	0.3322	05/04/2008	5.341	9.526	01/05/2012	7.247	7.089
09/04/2004	0.654	0.3277	05/05/2008	5.247	9.309	01/06/2012	7.381	8.024
09/05/2004	0.644	0.3223	05/06/2008	5.153	9.052	01/07/2012	7.516	38.753

09/06/2004	0.635	0.31765	05/07/2008	5.059	8.870	01/08/2012	7.651	13.281
09/07/2004	0.626	0.3191	05/08/2008	4.965	8.638	01/09/2012	7.786	9.993
09/08/2004	0.616	0.3141	05/09/2008	4.871	8.431	01/10/2012	7.921	10.656
09/09/2004	0.607	0.30955	05/10/2008	4.778	8.204	01/11/2012	8.056	9.843
09/10/2004	0.598	0.30495	05/11/2008	4.684	7.957	01/12/2012	8.191	14.031
09/11/2004	0.588	0.4202	05/12/2008	4.590	7.755	01/13/2012	8.326	10.893
09/12/2004	0.579	0.5203	05/13/2008	4.496	7.493	01/14/2012	8.461	10.606
09/13/2004	0.57	0.5122	05/14/2008	4.402	7.331	01/15/2012	8.595	10.568
09/14/2004	0.561	0.49125	05/15/2008	4.308	7.135	01/16/2012	8.730	10.560
09/15/2004	0.551	0.47185	05/16/2008	4.214	6.909	01/17/2012	8.865	10.578
09/16/2004	0.542	0.44135	05/17/2008	4.120	6.722	01/18/2012	9.000	10.560
09/17/2004	0.533	0.4225	05/18/2008	4.027	6.556	01/19/2012	9.027	10.464
09/18/2004	0.523	0.3767	05/19/2008	3.933	6.328	01/20/2012	9.055	10.443
09/19/2004	0.514	0.35095	05/20/2008	3.839	6.179	01/21/2012	9.082	10.551
09/20/2004	0.505	0.33835	05/21/2008	3.745	6.008	01/22/2012	9.110	10.510
09/21/2004	0.495	0.31095	05/22/2008	3.651	5.749	01/23/2012	9.137	19.694
09/22/2004	0.486	0.30595	05/23/2008	3.557	5.556	01/24/2012	9.165	13.013
09/23/2004	0.477	0.29485	05/24/2008	3.463	5.394	01/25/2012	9.192	29.661
09/24/2004	0.467	0.27525	05/25/2008	3.369	5.162	01/26/2012	9.219	14.140
09/25/2004	0.458	0.26275	05/26/2008	3.276	4.953	01/27/2012	9.247	12.514
09/26/2004	0.449	0.2664	05/27/2008	3.182	4.646	01/28/2012	9.274	12.257
09/27/2004	0.44	0.36545	05/28/2008	3.088	4.453	01/29/2012	9.302	12.216
09/28/2004	0.43	0.6135	05/29/2008	2.994	4.228	01/30/2012	9.329	12.175
09/29/2004	0.421	0.786	05/30/2008	2.900	4.053	01/31/2012	9.357	12.304
09/30/2004	0.412	0.737	05/31/2008	2.847	3.800	02/01/2012	9.384	22.122
10/01/2004	0.402	0.707	06/01/2008	2.795	3.502	02/02/2012	9.411	15.546
10/02/2004	0.393	0.6784	06/02/2008	2.742	3.230	02/03/2012	9.439	43.150
10/03/2004	0.384	0.6899	06/03/2008	2.690	3.051	02/04/2012	9.466	18.383
10/04/2004	0.374	0.64575	06/04/2008	2.637	2.912	02/05/2012	9.494	16.132
10/05/2004	0.365	0.722	06/05/2008	2.584	2.649	02/06/2012	9.521	15.631
10/06/2004	0.356	0.718	06/06/2008	2.532	2.527	02/07/2012	9.548	15.474
10/07/2004	0.347	0.677	06/07/2008	2.479	2.395	02/08/2012	9.576	15.413
10/08/2004	0.337	0.60135	06/08/2008	2.426	2.323	02/09/2012	9.603	21.957
10/09/2004	0.328	0.55745	06/09/2008	2.374	2.199	02/10/2012	9.631	28.136
10/10/2004	0.319	0.55375	06/10/2008	2.321	2.145	02/11/2012	9.658	18.399
10/11/2004	0.309	0.5206	06/11/2008	2.268	2.069	02/12/2012	9.686	17.313
10/12/2004	0.3	0.465	06/12/2008	2.216	1.914	02/13/2012	9.713	17.142
10/13/2004	0.3	0.4353	06/13/2008	2.163	1.902	02/14/2012	9.740	17.080
10/14/2004	0.3	0.3982	06/14/2008	2.111	1.880	02/15/2012	9.768	16.899
10/15/2004	0.3	0.3565	06/15/2008	2.058	1.827	02/16/2012	9.795	16.968
10/16/2004	0.3	0.3535	06/16/2008	2.005	1.741	02/17/2012	9.823	16.772
10/17/2004	0.3	0.31695	06/17/2008	1.953	1.569	02/18/2012	9.850	16.705

10/18/2004	0.3	0.32445	06/18/2008	1.900	1.506	02/19/2012	9.877	16.614
10/19/2004	0.3	0.33255	06/19/2008	1.873	1.380	02/20/2012	9.905	16.653
10/20/2004	0.3	0.319	06/20/2008	1.846	1.357	02/21/2012	9.932	20.946
10/21/2004	0.3	0.28705	06/21/2008	1.818	1.369	02/22/2012	9.960	17.600
10/22/2004	0.3	0.28665	06/22/2008	1.791	1.378	02/23/2012	9.987	20.559
10/23/2004	0.3	0.2547	06/23/2008	1.764	1.368	02/24/2012	10.015	17.948
10/24/2004	0.3	0.24615	06/24/2008	1.736	1.375	02/25/2012	10.042	19.376
10/25/2004	0.3	0.2435	06/25/2008	1.709	1.339	02/26/2012	10.069	18.010
10/26/2004	0.3	0.26855	06/26/2008	1.682	1.333	02/27/2012	10.097	17.709
10/27/2004	0.3	0.3341	06/27/2008	1.655	1.282	02/28/2012	10.124	17.537
10/28/2004	0.3	0.33875	06/28/2008	1.627	1.173	02/29/2012	10.152	17.371
10/29/2004	0.3	0.3558	06/29/2008	1.600	1.136	03/01/2012	10.179	18.365
10/30/2004	0.3	0.4837	06/30/2008	1.573	1.121	03/02/2012	10.207	17.409
10/31/2004	0.3	0.6459	07/01/2008	1.546	1.120	03/03/2012	10.234	17.187
11/01/2004	0.3	0.61925	07/02/2008	1.518	1.084	03/04/2012	10.261	17.016
11/02/2004	0.3	0.5626	07/03/2008	1.491	1.048	03/05/2012	10.289	16.915
11/03/2004	0.3	0.4899	07/04/2008	1.464	0.980	03/06/2012	10.316	17.608
11/04/2004	0.3	0.534	07/05/2008	1.436	0.951	03/07/2012	10.344	31.287
11/05/2004	0.3	0.666	07/06/2008	1.409	0.950	03/08/2012	10.371	19.161
11/06/2004	0.3	0.6473	07/07/2008	1.382	0.953	03/09/2012	10.398	17.939
11/07/2004	0.3	0.5902	07/08/2008	1.355	0.931	03/10/2012	10.426	17.673
11/08/2004	0.3	0.5158	07/09/2008	1.327	0.931	03/11/2012	10.453	17.407
11/09/2004	0.3	0.4758	07/10/2008	1.300	0.903	03/12/2012	10.481	17.171
11/10/2004	0.3	0.635	07/11/2008	1.287	0.882	03/13/2012	10.508	17.049
11/11/2004	0.317	0.666	07/12/2008	1.275	0.843	03/14/2012	10.536	17.188
11/12/2004	0.333	0.59725	07/13/2008	1.262	0.807	03/15/2012	10.563	17.212
11/13/2004	0.35	0.5528	07/14/2008	1.249	0.817	03/16/2012	10.590	16.925
11/14/2004	0.367	0.5123	07/15/2008	1.236	0.814	03/17/2012	10.618	16.729
11/15/2004	0.383	0.48895	07/16/2008	1.223	0.762	03/18/2012	10.645	16.523
11/16/2004	0.4	0.82	07/17/2008	1.211	0.755	03/19/2012	10.673	16.272
11/17/2004	0.417	1.013	07/18/2008	1.198	0.723	03/20/2012	10.700	16.080
11/18/2004	0.433	1.177	07/19/2008	1.185	0.724	03/21/2012	10.592	15.856
11/19/2004	0.45	1.1255	07/20/2008	1.172	0.715	03/22/2012	10.485	15.638
11/20/2004	0.467	1.0445	07/21/2008	1.160	0.709	03/23/2012	10.377	15.674
11/21/2004	0.483	0.932	07/22/2008	1.147	0.713	03/24/2012	10.269	15.405
11/22/2004	0.5	0.8975	07/23/2008	1.134	0.695	03/25/2012	10.162	15.116
11/23/2004	1.267	1.221	07/24/2008	1.121	0.680	03/26/2012	10.054	14.892
11/24/2004	2.033	1.602	07/25/2008	1.109	0.650	03/27/2012	9.946	15.823
11/25/2004	2.8	1.9665	07/26/2008	1.096	0.635	03/28/2012	9.839	15.050
11/26/2004	2.383	1.676	07/27/2008	1.083	0.640	03/29/2012	9.731	14.706
11/27/2004	1.967	1.562	07/28/2008	1.070	0.635	03/30/2012	9.623	14.397
11/28/2004	1.55	1.2701	07/29/2008	1.057	0.632	03/31/2012	9.515	14.093

11/29/2004	1.133	0.99635	07/30/2008	1.045	0.622	04/01/2012	9.408	13.944
11/30/2004	0.717	0.85465	07/31/2008	1.032	0.618	04/02/2012	9.300	13.630
12/01/2004	0.3	0.7535	08/01/2008	1.019	0.611	04/03/2012	9.192	13.356
12/02/2004	0.557	0.903	08/02/2008	1.006	0.593	04/04/2012	9.085	13.078
12/03/2004	0.814	0.9795	08/03/2008	0.994	0.588	04/05/2012	8.977	12.864
12/04/2004	1.071	1.0705	08/04/2008	0.981	0.574	04/06/2012	8.869	12.600
12/05/2004	1.329	1.1206	08/05/2008	0.968	0.566	04/07/2012	8.762	12.351
12/06/2004	1.586	2.1805	08/06/2008	0.955	0.561	04/08/2012	8.654	12.092
12/07/2004	1.843	2.016	08/07/2008	0.943	0.563	04/09/2012	8.546	11.863
12/08/2004	2.1	3.743	08/08/2008	0.930	0.601	04/10/2012	8.439	11.790
12/09/2004	2.357	3.3565	08/09/2008	0.917	0.568	04/11/2012	8.331	11.556
12/10/2004	2.614	3.043	08/10/2008	0.904	0.549	04/12/2012	8.223	11.852
12/11/2004	2.871	2.9715	08/11/2008	0.892	0.523	04/13/2012	8.115	11.498
12/12/2004	3.129	3.055	08/12/2008	0.879	0.523	04/14/2012	8.008	11.549
12/13/2004	3.386	3.807	08/13/2008	0.866	0.528	04/15/2012	7.900	11.135
12/14/2004	3.643	3.8565	08/14/2008	0.853	0.520	04/16/2012	7.792	10.861
12/15/2004	3.9	3.74	08/15/2008	0.840	0.494	04/17/2012	7.685	10.603
12/16/2004	3.856	14.918	08/16/2008	0.828	0.482	04/18/2012	7.577	10.289
12/17/2004	3.811	5.9795	08/17/2008	0.815	0.474	04/19/2012	7.469	10.030
12/18/2004	3.767	4.334	08/18/2008	0.802	0.478	04/20/2012	7.362	9.991
12/19/2004	3.722	6.2585	08/19/2008	0.789	0.470	04/21/2012	7.254	9.892
12/20/2004	3.678	4.6285	08/20/2008	0.777	0.466	04/22/2012	7.146	9.838
12/21/2004	3.633	4.2805	08/21/2008	0.764	0.462	04/23/2012	7.039	9.440
12/22/2004	3.589	4.5345	08/22/2008	0.751	0.501	04/24/2012	6.931	9.196
12/23/2004	3.544	4.3285	08/23/2008	0.738	0.486	04/25/2012	6.823	8.967
12/24/2004	3.5	4.204	08/24/2008	0.726	0.462	04/26/2012	6.715	8.728
12/25/2004	3.456	4.3445	08/25/2008	0.713	0.433	04/27/2012	6.608	8.469
12/26/2004	3.411	4.337	08/26/2008	0.700	0.406	04/28/2012	6.500	8.235
12/27/2004	3.367	4.2065	08/27/2008	0.740	0.419	04/29/2012	6.392	7.982
12/28/2004	3.322	4.1035	08/28/2008	0.779	0.437	04/30/2012	6.285	7.807
12/29/2004	3.278	4.2615	08/29/2008	0.819	0.466	05/01/2012	6.177	7.629
12/30/2004	3.233	4.1815	08/30/2008	0.859	0.498	05/02/2012	6.069	7.406
12/31/2004	3.189	4.9925	08/31/2008	0.898	0.510	05/03/2012	5.962	7.290
01/01/2005	3.144	4.549	09/01/2008	0.938	0.511	05/04/2012	5.854	7.057
01/02/2005	3.1	4.395	09/02/2008	0.977	0.539	05/05/2012	5.746	6.822
01/03/2005	3.056	4.2845	09/03/2008	1.017	0.549	05/06/2012	5.639	6.615
01/04/2005	3.011	4.1705	09/04/2008	1.057	0.571	05/07/2012	5.531	6.474
01/05/2005	2.967	4.0885	09/05/2008	1.096	0.600	05/08/2012	5.423	6.329
01/06/2005	2.922	4.0405	09/06/2008	1.136	0.619	05/09/2012	5.315	6.155
01/07/2005	2.878	3.9135	09/07/2008	1.176	0.634	05/10/2012	5.208	5.966
01/08/2005	2.833	3.9325	09/08/2008	1.215	0.642	05/11/2012	5.100	5.814
01/09/2005	2.789	12.5795	09/09/2008	1.255	0.662	05/12/2012	4.992	5.650

01/10/2005	2.744	6.35	09/10/2008	1.294	0.681	05/13/2012	4.885	5.473
01/11/2005	2.7	5.3835	09/11/2008	1.334	0.704	05/14/2012	4.777	5.234
01/12/2005	2.836	5.1365	09/12/2008	1.374	0.744	05/15/2012	4.669	5.048
01/13/2005	2.973	5.187	09/13/2008	1.413	0.768	05/16/2012	4.562	4.864
01/14/2005	3.109	5.237	09/14/2008	1.453	0.767	05/17/2012	4.454	4.699
01/15/2005	3.246	10.958	09/15/2008	1.493	0.785	05/18/2012	4.346	4.578
01/16/2005	3.382	6.901	09/16/2008	1.532	0.801	05/19/2012	4.239	4.455
01/17/2005	3.518	6.1685	09/17/2008	1.572	0.814	05/20/2012	4.131	4.275
01/18/2005	3.655	6.018	09/18/2008	1.611	0.831	05/21/2012	4.023	4.145
01/19/2005	3.791	5.9955	09/19/2008	1.651	0.848	05/22/2012	3.915	3.968
01/20/2005	3.927	5.9275	09/20/2008	1.691	0.886	05/23/2012	3.808	3.784
01/21/2005	4.064	5.8935	09/21/2008	1.730	0.904	05/24/2012	3.700	3.607
01/22/2005	4.2	6.3755	09/22/2008	1.770	0.923	05/25/2012	3.667	3.522
01/23/2005	4.336	6.473	09/23/2008	1.809	0.940	05/26/2012	3.634	3.374
01/24/2005	4.473	6.498	09/24/2008	1.849	0.947	05/27/2012	3.601	3.286
01/25/2005	4.609	6.717	09/25/2008	1.889	0.965	05/28/2012	3.568	3.199
01/26/2005	4.746	6.57	09/26/2008	1.928	0.979	05/29/2012	3.536	3.100
01/27/2005	4.882	6.5605	09/27/2008	1.968	0.990	05/30/2012	3.503	3.042
01/28/2005	5.018	6.4935	09/28/2008	2.008	1.005	05/31/2012	3.470	2.940
01/29/2005	5.155	6.4495	09/29/2008	2.047	1.034	06/01/2012	3.437	2.758
01/30/2005	5.291	6.5255	09/30/2008	2.087	1.056	06/02/2012	3.404	2.736
01/31/2005	5.427	6.987	10/01/2008	2.126	1.076	06/03/2012	3.371	2.670
02/01/2005	5.564	6.9755	10/02/2008	2.166	1.104	06/04/2012	3.338	2.626
02/02/2005	5.7	6.8995	10/03/2008	2.206	1.115	06/05/2012	3.305	2.587
02/03/2005	5.836	6.8295	10/04/2008	2.245	1.150	06/06/2012	3.272	2.557
02/04/2005	5.973	6.8155	10/05/2008	2.285	1.176	06/07/2012	3.240	2.495
02/05/2005	6.109	6.737	10/06/2008	2.325	1.187	06/08/2012	3.207	2.452
02/06/2005	6.246	6.827	10/07/2008	2.364	1.201	06/09/2012	3.174	2.408
02/07/2005	6.382	10.036	10/08/2008	2.404	1.220	06/10/2012	3.141	2.325
02/08/2005	6.518	8.289	10/09/2008	2.443	1.235	06/11/2012	3.108	2.238
02/09/2005	6.655	7.8395	10/10/2008	2.483	1.246	06/12/2012	3.075	2.181
02/10/2005	6.791	7.6905	10/11/2008	2.523	1.265	06/13/2012	3.042	2.061
02/11/2005	6.927	7.6155	10/12/2008	2.562	1.284	06/14/2012	3.009	2.034
02/12/2005	7.064	12.392	10/13/2008	2.602	1.373	06/15/2012	2.976	1.973
02/13/2005	7.2	73.3	10/14/2008	2.642	1.495	06/16/2012	2.943	1.933
02/14/2005	7.336	16.813	10/15/2008	2.681	4.006	06/17/2012	2.911	1.873
02/15/2005	7.473	11.0865	10/16/2008	2.721	2.994	06/18/2012	2.878	1.855
02/16/2005	7.609	11.2745	10/17/2008	2.760	2.895	06/19/2012	2.845	1.814
02/17/2005	7.746	10.443	10/18/2008	2.800	2.717	06/20/2012	2.812	1.794
02/18/2005	7.882	10.261	10/19/2008	2.840	2.611	06/21/2012	2.779	1.759
02/19/2005	8.018	10.119	10/20/2008	2.879	2.487	06/22/2012	2.746	1.686
02/20/2005	8.155	11.6175	10/21/2008	2.919	2.395	06/23/2012	2.713	1.670

02/21/2005	8.291	11.2805	10/22/2008	2.959	2.390	06/24/2012	2.680	1.632
02/22/2005	8.427	14.9235	10/23/2008	2.998	2.292	06/25/2012	2.647	1.567
02/23/2005	8.564	12.082	10/24/2008	3.038	2.252	06/26/2012	2.615	1.543
02/24/2005	8.7	11.495	10/25/2008	3.077	2.150	06/27/2012	2.582	1.528
02/25/2005	8.836	12.978	10/26/2008	3.117	2.228	06/28/2012	2.549	1.456
02/26/2005	8.973	11.7665	10/27/2008	3.157	2.194	06/29/2012	2.516	1.413
02/27/2005	9.109	11.5395	10/28/2008	3.196	2.128	06/30/2012	2.483	1.400
02/28/2005	9.246	26.838	10/29/2008	3.236	2.213	07/01/2012	2.450	1.371
03/01/2005	9.382	14.431	10/30/2008	3.276	2.274	07/02/2012	2.417	1.313
03/02/2005	9.518	12.884	10/31/2008	3.315	2.204	07/03/2012	2.384	1.309
03/03/2005	9.655	12.5925	11/01/2008	3.355	2.138	07/04/2012	2.351	1.316
03/04/2005	9.791	12.4755	11/02/2008	3.394	2.134	07/05/2012	2.318	1.305
03/05/2005	9.927	12.4135	11/03/2008	3.434	2.178	07/06/2012	2.286	1.281
03/06/2005	10.064	12.347	11/04/2008	3.474	2.153	07/07/2012	2.253	1.274
03/07/2005	10.2	12.285	11/05/2008	3.513	2.097	07/08/2012	2.220	1.241
03/08/2005	9.843	12.1665	11/06/2008	3.553	2.100	07/09/2012	2.187	1.226
03/09/2005	9.486	11.928	11/07/2008	3.593	2.086	07/10/2012	2.154	1.201
03/10/2005	9.129	11.6045	11/08/2008	3.632	2.295	07/11/2012	2.121	1.189
03/11/2005	8.771	11.3055	11/09/2008	3.672	2.594	07/12/2012	2.088	1.168
03/12/2005	8.414	14.437	11/10/2008	3.711	2.838	07/13/2012	2.055	1.132
03/13/2005	8.057	11.9235	11/11/2008	3.751	3.244	07/14/2012	2.022	1.123
03/14/2005	7.7	11.2	11/12/2008	3.791	5.519	07/15/2012	1.990	1.088
03/15/2005	7.343	10.8815	11/13/2008	3.830	4.041	07/16/2012	1.957	1.098
03/16/2005	6.986	10.563	11/14/2008	3.870	3.642	07/17/2012	1.924	1.081
03/17/2005	6.629	10.2295	11/15/2008	3.909	5.433	07/18/2012	1.891	1.058
03/18/2005	6.271	9.9255	11/16/2008	3.949	4.297	07/19/2012	1.858	1.044
03/19/2005	5.914	9.612	11/17/2008	3.989	3.940	07/20/2012	1.825	1.016
03/20/2005	5.557	9.3235	11/18/2008	4.028	4.007	07/21/2012	1.792	0.996
03/21/2005	5.2	9.145	11/19/2008	4.068	4.930	07/22/2012	1.759	0.981
03/22/2005	5.238	9.124	11/20/2008	4.108	4.389	07/23/2012	1.726	0.945
03/23/2005	5.276	9.033	11/21/2008	4.147	4.190	07/24/2012	1.693	0.915
03/24/2005	5.314	8.887	11/22/2008	4.187	4.098	07/25/2012	1.661	0.907
03/25/2005	5.352	8.811	11/23/2008	4.226	4.038	07/26/2012	1.628	0.888
03/26/2005	5.391	8.6855	11/24/2008	4.266	4.060	07/27/2012	1.595	0.866
03/27/2005	5.429	8.6695	11/25/2008	4.306	4.234	07/28/2012	1.562	0.849
03/28/2005	5.467	8.9635	11/26/2008	4.345	4.230	07/29/2012	1.529	0.829
03/29/2005	5.505	25.1375	11/27/2008	4.385	4.190	07/30/2012	1.496	0.809
03/30/2005	5.543	11.9615	11/28/2008	4.425	4.209	07/31/2012	1.463	0.781
03/31/2005	5.581	10.0955	11/29/2008	4.464	7.272	08/01/2012	1.430	0.754
04/01/2005	5.619	15.0945	11/30/2008	4.504	5.584	08/02/2012	1.397	0.740
04/02/2005	5.657	11.6185	12/01/2008	4.543	9.542	08/03/2012	1.365	0.720
04/03/2005	5.695	10.7875	12/02/2008	4.583	6.619	08/04/2012	1.332	0.692

04/04/2005	5.733	10.4815	12/03/2008	4.623	6.062	08/05/2012	1.299	0.675
04/05/2005	5.771	10.3005	12/04/2008	4.662	5.879	08/06/2012	1.266	0.661
04/06/2005	5.81	10.155	12/05/2008	4.702	5.739	08/07/2012	1.233	0.633
04/07/2005	5.848	10.039	12/06/2008	4.742	5.661	08/08/2012	1.200	0.615
04/08/2005	5.886	9.908	12/07/2008	4.781	5.564	08/09/2012	1.190	0.619
04/09/2005	5.924	9.777	12/08/2008	4.821	5.457	08/10/2012	1.180	0.614
04/10/2005	5.962	9.721	12/09/2008	4.860	5.590	08/11/2012	1.170	0.601
04/11/2005	6	9.61	12/10/2008	4.900	7.835	08/12/2012	1.160	0.594
04/12/2005	5.865	9.6325	12/11/2008	5.084	6.659	08/13/2012	1.150	0.588
04/13/2005	5.729	9.3995	12/12/2008	5.267	6.431	08/14/2012	1.140	0.580
04/14/2005	5.594	9.192	12/13/2008	5.451	6.471	08/15/2012	1.130	0.579
04/15/2005	5.459	8.9795	12/14/2008	5.635	6.859	08/16/2012	1.120	0.580
04/16/2005	5.324	8.787	12/15/2008	5.818	6.860	08/17/2012	1.110	0.568
04/17/2005	5.188	8.589	12/16/2008	6.002	7.456	08/18/2012	1.100	0.564
04/18/2005	5.053	8.4015	12/17/2008	6.186	14.528	08/19/2012	1.090	0.560
04/19/2005	4.918	8.334	12/18/2008	6.369	8.960	08/20/2012	1.080	0.553
04/20/2005	4.782	8.316	12/19/2008	6.553	16.717	08/21/2012	1.070	0.553
04/21/2005	4.647	8.1135	12/20/2008	6.737	12.214	08/22/2012	1.060	0.547
04/22/2005	4.512	7.901	12/21/2008	6.920	19.545	08/23/2012	1.050	0.537
04/23/2005	4.377	7.7135	12/22/2008	7.104	12.232	08/24/2012	1.040	0.534
04/24/2005	4.241	7.5905	12/23/2008	7.288	10.659	08/25/2012	1.030	0.533
04/25/2005	4.106	7.438	12/24/2008	7.471	66.936	08/26/2012	1.020	0.547
04/26/2005	3.971	7.2205	12/25/2008	7.655	20.403	08/27/2012	1.010	0.543
04/27/2005	3.835	7.0575	12/26/2008	7.839	13.500	08/28/2012	1.000	0.545
04/28/2005	3.7	6.865	12/27/2008	8.022	13.861	08/29/2012	0.990	0.535
04/29/2005	3.627	6.686	12/28/2008	8.206	26.468	08/30/2012	0.980	0.519
04/30/2005	3.553	6.5795	12/29/2008	8.390	16.730	08/31/2012	0.970	0.499
05/01/2005	3.48	6.408	12/30/2008	8.574	14.607	09/01/2012	0.960	0.490
05/02/2005	3.407	6.2525	12/31/2008	8.757	14.314	09/02/2012	0.950	0.484
05/03/2005	3.333	6.1235	01/01/2009	8.941	14.396	09/03/2012	0.940	0.475
05/04/2005	3.26	5.96	01/02/2009	9.125	15.018	09/04/2012	0.930	0.469
05/05/2005	3.187	5.8245	01/03/2009	9.308	15.079	09/05/2012	0.920	0.464
05/06/2005	3.113	5.6845	01/04/2009	9.492	15.061	09/06/2012	0.910	0.458
05/07/2005	3.04	5.557	01/05/2009	9.676	15.053	09/07/2012	0.900	0.453
05/08/2005	2.967	5.444	01/06/2009	9.859	15.110	09/08/2012	0.888	0.447
05/09/2005	2.893	5.281	01/07/2009	10.043	15.287	09/09/2012	0.876	0.441
05/10/2005	2.82	5.175	01/08/2009	10.227	17.194	09/10/2012	0.863	0.435
05/11/2005	2.747	5.0355	01/09/2009	10.410	16.900	09/11/2012	0.851	0.429
05/12/2005	2.673	4.8775	01/10/2009	10.594	16.402	09/12/2012	0.839	0.425
05/13/2005	2.6	4.7515	01/11/2009	10.778	16.659	09/13/2012	0.827	0.420
05/14/2005	2.564	4.6155	01/12/2009	10.961	21.436	09/14/2012	0.815	0.411
05/15/2005	2.529	4.571	01/13/2009	11.145	17.483	09/15/2012	0.802	0.404

05/16/2005	2.493	4.3855	01/14/2009	11.329	19.175	09/16/2012	0.790	0.398
05/17/2005	2.457	4.284	01/15/2009	11.512	27.706	09/17/2012	0.778	0.392
05/18/2005	2.421	4.173	01/16/2009	11.696	19.738	09/18/2012	0.766	0.386
05/19/2005	2.386	4.085	01/17/2009	11.880	18.765	09/19/2012	0.754	0.380
05/20/2005	2.35	3.981	01/18/2009	12.063	20.332	09/20/2012	0.742	0.374
05/21/2005	2.314	3.9185	01/19/2009	12.247	19.294	09/21/2012	0.729	0.367
05/22/2005	2.279	3.839	01/20/2009	12.431	19.161	09/22/2012	0.717	0.362
05/23/2005	2.243	3.711	01/21/2009	12.614	19.057	09/23/2012	0.705	0.355
05/24/2005	2.207	3.633	01/22/2009	12.798	19.044	09/24/2012	0.693	0.349
05/25/2005	2.171	3.526	01/23/2009	12.982	19.081	09/25/2012	0.681	0.344
05/26/2005	2.136	3.402	01/24/2009	13.165	19.143	09/26/2012	0.668	0.349
05/27/2005	2.1	3.3035	01/25/2009	13.349	33.690	09/27/2012	0.656	0.358
05/28/2005	2.064	3.136	01/26/2009	13.533	20.972	09/28/2012	0.644	0.336
05/29/2005	2.029	2.955	01/27/2009	13.716	19.893	09/29/2012	0.632	0.320
05/30/2005	1.993	2.8745	01/28/2009	13.900	19.795	09/30/2012	0.620	0.313
05/31/2005	1.957	2.7055	01/29/2009	13.817	19.529	10/01/2012	0.607	0.306
06/01/2005	1.921	2.5665	01/30/2009	13.734	19.342	10/02/2012	0.595	0.365
06/02/2005	1.886	2.433	01/31/2009	13.651	64.476	10/03/2012	0.583	0.434
06/03/2005	1.85	2.171	02/01/2009	13.568	24.809	10/04/2012	0.571	0.472
06/04/2005	1.814	2.045	02/02/2009	13.484	20.677	10/05/2012	0.559	0.441
06/05/2005	1.779	1.8915	02/03/2009	13.401	20.141	10/06/2012	0.546	0.420
06/06/2005	1.743	1.775	02/04/2009	13.318	19.829	10/07/2012	0.534	0.380
06/07/2005	1.707	1.631	02/05/2009	13.235	19.598	10/08/2012	0.522	0.405
06/08/2005	1.671	1.5815	02/06/2009	13.152	20.036	10/09/2012	0.510	0.399
06/09/2005	1.636	1.4905	02/07/2009	13.069	19.560	10/10/2012	0.498	0.444
06/10/2005	1.6	1.428	02/08/2009	12.986	23.413	10/11/2012	0.485	0.486
06/11/2005	1.6	1.3925	02/09/2009	12.902	20.191	10/12/2012	0.473	0.462
06/12/2005	1.6	1.3425	02/10/2009	12.819	19.625	10/13/2012	0.461	0.428
06/13/2005	1.6	1.3495	02/11/2009	12.736	19.478	10/14/2012	0.449	0.361
06/14/2005	1.6	1.305	02/12/2009	12.653	19.172	10/15/2012	0.437	0.324
06/15/2005	1.582	1.17865	02/13/2009	12.570	19.150	10/16/2012	0.424	0.296
06/16/2005	1.565	1.12725	02/14/2009	12.487	21.419	10/17/2012	0.412	0.286
06/17/2005	1.547	1.1392	02/15/2009	12.404	20.767	10/18/2012	0.400	0.268
06/18/2005	1.529	1.10825	02/16/2009	12.321	20.356	10/19/2012	0.398	0.252
06/19/2005	1.512	1.12	02/17/2009	12.237	19.084	10/20/2012	0.396	0.237
06/20/2005	1.494	1.1115	02/18/2009	12.154	18.737	10/21/2012	0.394	0.226
06/21/2005	1.477	1.0781	02/19/2009	12.071	18.476	10/22/2012	0.392	0.208
06/22/2005	1.459	1.0818	02/20/2009	11.988	18.219	10/23/2012	0.390	0.215
06/23/2005	1.441	1.0409	02/21/2009	11.905	17.978	10/24/2012	0.388	0.211
06/24/2005	1.424	0.98815	02/22/2009	11.822	17.796	10/25/2012	0.386	0.205
06/25/2005	1.406	0.918	02/23/2009	11.739	17.620	10/26/2012	0.384	0.198
06/26/2005	1.388	0.91965	02/24/2009	11.655	17.318	10/27/2012	0.382	0.195

06/27/2005	1.371	0.9153	02/25/2009	11.572	17.191	10/28/2012	0.380	0.196
06/28/2005	1.353	0.8927	02/26/2009	11.489	17.050	10/29/2012	0.378	0.230
06/29/2005	1.335	0.85715	02/27/2009	11.406	16.773	10/30/2012	0.376	0.287
06/30/2005	1.318	0.828	02/28/2009	11.323	16.922	10/31/2012	0.374	0.406
07/01/2005	1.3	0.7819	03/01/2009	11.240	18.305	11/01/2012	0.371	3.620
07/02/2005	1.296	0.78285	03/02/2009	11.157	20.694	11/02/2012	0.369	1.942
07/03/2005	1.293	0.7459	03/03/2009	11.074	19.082	11/03/2012	0.367	1.420
07/04/2005	1.289	0.7194	03/04/2009	10.990	24.090	11/04/2012	0.365	1.199
07/05/2005	1.286	0.7486	03/05/2009	10.907	18.259	11/05/2012	0.363	2.751
07/06/2005	1.282	0.77695	03/06/2009	10.824	17.367	11/06/2012	0.361	1.996
07/07/2005	1.279	0.78025	03/07/2009	10.741	17.151	11/07/2012	0.359	1.622
07/08/2005	1.275	0.76265	03/08/2009	10.658	27.684	11/08/2012	0.357	1.475
07/09/2005	1.271	0.7332	03/09/2009	10.575	26.593	11/09/2012	0.355	1.354
07/10/2005	1.268	0.73365	03/10/2009	10.492	21.076	11/10/2012	0.353	1.229
07/11/2005	1.264	0.738	03/11/2009	10.408	18.949	11/11/2012	0.351	1.131
07/12/2005	1.261	0.72695	03/12/2009	10.325	18.498	11/12/2012	0.349	1.106
07/13/2005	1.257	0.70695	03/13/2009	10.242	18.231	11/13/2012	0.347	1.039
07/14/2005	1.254	0.6885	03/14/2009	10.159	17.965	11/14/2012	0.345	0.981
07/15/2005	1.25	0.6781	03/15/2009	10.076	17.723	11/15/2012	0.343	0.912
07/16/2005	1.246	0.67175	03/16/2009	9.993	17.482	11/16/2012	0.341	0.857
07/17/2005	1.243	0.6791	03/17/2009	9.910	18.490	11/17/2012	0.339	0.783
07/18/2005	1.239	0.6882	03/18/2009	9.827	17.489	11/18/2012	0.337	0.702
07/19/2005	1.236	0.6888	03/19/2009	9.743	17.347	11/19/2012	0.335	6.913
07/20/2005	1.232	0.67895	03/20/2009	9.660	17.075	11/20/2012	0.333	3.009
07/21/2005	1.229	0.6737	03/21/2009	9.577	16.829	11/21/2012	0.331	2.070
07/22/2005	1.225	0.67825	03/22/2009	9.494	16.632	11/22/2012	0.329	1.865
07/23/2005	1.221	0.6904	03/23/2009	9.411	18.331	11/23/2012	0.327	4.082
07/24/2005	1.218	0.6752	03/24/2009	9.328	18.274	11/24/2012	0.325	2.636
07/25/2005	1.214	0.6688	03/25/2009	9.245	17.468	11/25/2012	0.322	2.282
07/26/2005	1.211	0.67725	03/26/2009	9.161	17.491	11/26/2012	0.320	2.097
07/27/2005	1.207	0.64635	03/27/2009	9.078	17.159	11/27/2012	0.318	2.010
07/28/2005	1.204	0.64095	03/28/2009	8.995	16.888	11/28/2012	0.316	1.882
07/29/2005	1.2	0.6412	03/29/2009	8.912	16.626	11/29/2012	0.314	1.796
07/30/2005	1.182	0.621	03/30/2009	8.829	16.385	11/30/2012	0.312	1.885
07/31/2005	1.165	0.61585	03/31/2009	8.746	16.098	12/01/2012	0.310	1.801
08/01/2005	1.147	0.5934	04/01/2009	8.663	15.902	12/02/2012	0.308	1.761
08/02/2005	1.129	0.5691	04/02/2009	8.580	15.565	12/03/2012	0.306	1.727
08/03/2005	1.112	0.5599	04/03/2009	8.496	15.338	12/04/2012	0.304	1.661
08/04/2005	1.094	0.55745	04/04/2009	8.413	15.072	12/05/2012	0.302	1.633
08/05/2005	1.077	0.5528	04/05/2009	8.330	14.815	12/06/2012	0.300	1.596
08/06/2005	1.059	0.55015	04/06/2009	8.247	14.759	12/07/2012	0.331	1.605
08/07/2005	1.041	0.5529	04/07/2009	8.164	14.617	12/08/2012	0.363	1.631

08/08/2005	1.024	0.557	04/08/2009	8.081	14.486	12/09/2012	0.394	1.578
08/09/2005	1.006	0.5498	04/09/2009	7.998	14.304	12/10/2012	0.426	1.572
08/10/2005	0.988	0.54335	04/10/2009	7.915	13.978	12/11/2012	0.457	1.595
08/11/2005	0.971	0.5298	04/11/2009	7.831	13.861	12/12/2012	0.489	1.624
08/12/2005	0.953	0.51405	04/12/2009	7.748	13.554	12/13/2012	0.520	1.592
08/13/2005	0.935	0.5039	04/13/2009	7.665	13.483	12/14/2012	0.551	2.007
08/14/2005	0.918	0.4898	04/14/2009	7.582	13.221	12/15/2012	0.583	1.936
08/15/2005	0.9	0.47965	04/15/2009	7.499	12.915	12/16/2012	0.614	1.896
08/16/2005	0.891	0.46165	04/16/2009	7.416	12.603	12/17/2012	0.646	2.821
08/17/2005	0.883	0.45495	04/17/2009	7.333	12.332	12/18/2012	0.677	2.690
08/18/2005	0.874	0.45125	04/18/2009	7.249	12.105	12/19/2012	0.709	2.689
08/19/2005	0.866	0.4483	04/19/2009	7.166	11.873	12/20/2012	0.740	2.645
08/20/2005	0.857	0.4429	04/20/2009	7.083	11.612	12/21/2012	0.771	5.651
08/21/2005	0.849	0.43215	04/21/2009	7.000	11.440	12/22/2012	0.803	6.167
08/22/2005	0.84	0.42505	04/22/2009	6.889	11.125	12/23/2012	0.834	5.742
08/23/2005	0.831	0.41635	04/23/2009	6.779	10.905	12/24/2012	0.866	4.087
08/24/2005	0.823	0.41725	04/24/2009	6.668	10.694	12/25/2012	0.897	3.835
08/25/2005	0.814	0.42655	04/25/2009	6.557	10.429	12/26/2012	0.929	4.341
08/26/2005	0.806	0.42155	04/26/2009	6.446	10.303	12/27/2012	0.960	3.863
08/27/2005	0.797	0.40205	04/27/2009	6.336	10.128	12/28/2012	0.991	3.791
08/28/2005	0.789	0.39545	04/28/2009	6.225	9.928	12/29/2012	1.023	3.694
08/29/2005	0.78	0.39075	04/29/2009	6.114	9.662	12/30/2012	1.054	3.536
08/30/2005	0.771	0.3872	04/30/2009	6.004	9.442	12/31/2012	1.086	3.435
08/31/2005	0.763	0.38695	05/01/2009	5.893	9.267	01/01/2013	1.117	3.450
09/01/2005	0.754	0.38445	05/02/2009	5.782	9.071	01/02/2013	1.149	4.160
09/02/2005	0.746	0.3787	05/03/2009	5.671	8.836	01/03/2013	1.180	3.753
09/03/2005	0.737	0.36975	05/04/2009	5.561	8.576	01/04/2013	1.211	3.571
09/04/2005	0.729	0.36555	05/05/2009	5.450	8.350	01/05/2013	1.243	3.481
09/05/2005	0.72	0.3611	05/06/2009	5.339	8.160	01/06/2013	1.274	3.391
09/06/2005	0.711	0.3564	05/07/2009	5.229	7.885	01/07/2013	1.306	3.466
09/07/2005	0.703	0.3525	05/08/2009	5.118	7.679	01/08/2013	1.337	3.411
09/08/2005	0.694	0.3477	05/09/2009	5.007	7.519	01/09/2013	1.369	3.359
09/09/2005	0.686	0.3435	05/10/2009	4.896	7.308	01/10/2013	1.400	3.442
09/10/2005	0.677	0.339	05/11/2009	4.786	7.079	01/11/2013	1.480	3.421
09/11/2005	0.669	0.3351	05/12/2009	4.675	6.854	01/12/2013	1.561	3.364
09/12/2005	0.66	0.3344	05/13/2009	4.564	6.641	01/13/2013	1.641	3.430
09/13/2005	0.651	0.35795	05/14/2009	4.454	6.480	01/14/2013	1.721	7.601
09/14/2005	0.643	0.36965	05/15/2009	4.343	6.162	01/15/2013	1.802	14.426
09/15/2005	0.634	0.3733	05/16/2009	4.232	5.983	01/16/2013	1.882	8.181
09/16/2005	0.626	0.3745	05/17/2009	4.121	5.820	01/17/2013	1.963	8.847
09/17/2005	0.617	0.3642	05/18/2009	4.011	5.541	01/18/2013	2.043	13.602
09/18/2005	0.609	0.3515	05/19/2009	3.900	5.284	01/19/2013	2.123	29.707

09/19/2005	0.6	0.33905	05/20/2009	3.868	5.123	01/20/2013	2.204	28.842
09/20/2005	0.587	0.328	05/21/2009	3.835	4.849	01/21/2013	2.284	11.927
09/21/2005	0.573	0.30315	05/22/2009	3.802	4.618	01/22/2013	2.364	9.412
09/22/2005	0.56	0.2847	05/23/2009	3.770	4.439	01/23/2013	2.445	8.853
09/23/2005	0.547	0.2738	05/24/2009	3.737	4.243	01/24/2013	2.525	12.328
09/24/2005	0.533	0.2666	05/25/2009	3.705	4.153	01/25/2013	2.605	9.513
09/25/2005	0.52	0.26085	05/26/2009	3.672	3.991	01/26/2013	2.686	9.388
09/26/2005	0.507	0.2547	05/27/2009	3.640	3.912	01/27/2013	2.766	9.003
09/27/2005	0.493	0.24835	05/28/2009	3.607	3.848	01/28/2013	2.846	8.838
09/28/2005	0.48	0.241	05/29/2009	3.575	3.778	01/29/2013	2.927	8.764
09/29/2005	0.467	0.2339	05/30/2009	3.542	3.705	01/30/2013	3.007	8.729
09/30/2005	0.453	0.2268	05/31/2009	3.510	3.644	01/31/2013	3.088	8.659
10/01/2005	0.44	0.22015	06/01/2009	3.477	3.509	02/01/2013	3.168	10.759
10/02/2005	0.427	0.2136	06/02/2009	3.445	3.390	02/02/2013	3.248	10.144
10/03/2005	0.413	0.20715	06/03/2009	3.412	3.172	02/03/2013	3.329	10.865
10/04/2005	0.4	0.2001	06/04/2009	3.380	3.071	02/04/2013	3.409	13.830
10/05/2005	0.4	0.2001	06/05/2009	3.347	3.015	02/05/2013	3.489	11.045
10/06/2005	0.4	0.20015	06/06/2009	3.315	2.924	02/06/2013	3.570	11.815
10/07/2005	0.4	0.2002	06/07/2009	3.282	2.898	02/07/2013	3.650	11.640
10/08/2005	0.4	0.20045	06/08/2009	3.249	2.849	02/08/2013	3.730	11.325
10/09/2005	0.4	0.2021	06/09/2009	3.217	2.719	02/09/2013	3.811	11.161
10/10/2005	0.4	0.20205	06/10/2009	3.184	2.615	02/10/2013	3.891	11.131
10/11/2005	0.4	0.20095	06/11/2009	3.152	2.561	02/11/2013	3.971	11.256
10/12/2005	0.4	0.2006	06/12/2009	3.119	2.543	02/12/2013	4.052	11.136
10/13/2005	0.4	0.2002	06/13/2009	3.087	2.449	02/13/2013	4.132	11.006
10/14/2005	0.4	0.20005	06/14/2009	3.054	2.388	02/14/2013	4.213	11.932
10/15/2005	0.4	0.2	06/15/2009	3.022	2.256	02/15/2013	4.293	11.477
10/16/2005	0.4	0.2	06/16/2009	2.989	2.148	02/16/2013	4.373	11.332
10/17/2005	0.4	0.20085	06/17/2009	2.957	2.073	02/17/2013	4.454	11.357
10/18/2005	0.4	0.22655	06/18/2009	2.924	2.031	02/18/2013	4.534	24.112
10/19/2005	0.4	0.2358	06/19/2009	2.892	1.938	02/19/2013	4.614	18.187
10/20/2005	0.4	0.23655	06/20/2009	2.859	1.858	02/20/2013	4.695	13.418
10/21/2005	0.4	0.2257	06/21/2009	2.827	1.837	02/21/2013	4.775	12.783
10/22/2005	0.4	0.2163	06/22/2009	2.794	1.811	02/22/2013	4.855	12.658
10/23/2005	0.4	0.21925	06/23/2009	2.761	1.735	02/23/2013	4.936	12.443
10/24/2005	0.4	0.21005	06/24/2009	2.729	1.690	02/24/2013	5.016	12.368
10/25/2005	0.4	0.20555	06/25/2009	2.696	1.696	02/25/2013	5.096	12.283
10/26/2005	0.4	0.20495	06/26/2009	2.664	1.673	02/26/2013	5.177	14.839
10/27/2005	0.4	0.2046	06/27/2009	2.631	1.650	02/27/2013	5.257	12.724
10/28/2005	0.4	0.20385	06/28/2009	2.599	1.596	02/28/2013	5.338	12.404
10/29/2005	0.4	0.20625	06/29/2009	2.566	1.580	03/01/2013	5.418	12.294
10/30/2005	0.4	0.2245	06/30/2009	2.534	1.539	03/02/2013	5.498	12.254

10/31/2005	0.4	0.23245	07/01/2009	2.501	1.526	03/03/2013	5.579	12.175
11/01/2005	0.4	0.22075	07/02/2009	2.469	1.517	03/04/2013	5.659	12.110
11/02/2005	0.4	0.2119	07/03/2009	2.436	1.500	03/05/2013	5.739	12.110
11/03/2005	0.4	0.2025	07/04/2009	2.404	1.459	03/06/2013	5.820	12.005
11/04/2005	0.4	0.2018	07/05/2009	2.371	1.424	03/07/2013	5.900	11.890
11/05/2005	0.4	0.20715	07/06/2009	2.339	1.350	03/08/2013	5.840	11.715
11/06/2005	0.4	0.2033	07/07/2009	2.306	1.313	03/09/2013	5.779	11.615
11/07/2005	0.4	0.20465	07/08/2009	2.274	1.301	03/10/2013	5.719	11.490
11/08/2005	0.478	0.25125	07/09/2009	2.241	1.303	03/11/2013	5.658	11.299
11/09/2005	0.556	0.40455	07/10/2009	2.208	1.285	03/12/2013	5.598	11.154
11/10/2005	0.633	0.5354	07/11/2009	2.176	1.272	03/13/2013	5.537	11.409
11/11/2005	0.711	0.70105	07/12/2009	2.143	1.255	03/14/2013	5.477	11.144
11/12/2005	0.789	1.215	07/13/2009	2.111	1.226	03/15/2013	5.416	10.958
11/13/2005	0.867	1.166	07/14/2009	2.078	1.206	03/16/2013	5.356	10.848
11/14/2005	0.944	1.096	07/15/2009	2.046	1.174	03/17/2013	5.295	10.708
11/15/2005	1.022	1.1045	07/16/2009	2.013	1.150	03/18/2013	5.235	10.543
11/16/2005	1.1	1.0362	07/17/2009	1.981	1.136	03/19/2013	5.174	10.452
11/17/2005	1.813	1.35605	07/18/2009	1.948	1.102	03/20/2013	5.114	10.292
11/18/2005	2.527	4.5425	07/19/2009	1.916	1.099	03/21/2013	5.054	10.127
11/19/2005	3.24	3.198	07/20/2009	1.883	1.075	03/22/2013	4.993	9.932
11/20/2005	3.953	27.4865	07/21/2009	1.851	1.016	03/23/2013	4.933	9.802
11/21/2005	4.667	7.4935	07/22/2009	1.818	1.012	03/24/2013	4.872	9.701
11/22/2005	5.38	4.962	07/23/2009	1.786	1.013	03/25/2013	4.812	9.506
11/23/2005	6.093	5.114	07/24/2009	1.753	1.003	03/26/2013	4.751	9.331
11/24/2005	6.807	5.226	07/25/2009	1.721	0.983	03/27/2013	4.691	9.221
11/25/2005	7.52	5.356	07/26/2009	1.688	0.957	03/28/2013	4.630	9.030
11/26/2005	8.233	5.576	07/27/2009	1.655	0.936	03/29/2013	4.570	8.870
11/27/2005	8.947	5.782	07/28/2009	1.623	0.893	03/30/2013	4.509	8.710
11/28/2005	9.66	6.021	07/29/2009	1.590	0.882	03/31/2013	4.449	8.505
11/29/2005	10.373	6.2845	07/30/2009	1.558	0.860	04/01/2013	4.388	8.329
11/30/2005	11.087	10.6435	07/31/2009	1.525	0.843	04/02/2013	4.328	8.194
12/01/2005	11.8	9.0265	08/01/2009	1.493	0.818	04/03/2013	4.267	8.124
12/02/2005	9.225	7.1345	08/02/2009	1.460	0.812	04/04/2013	4.207	8.004
12/03/2005	6.65	5.628	08/03/2009	1.428	0.791	04/05/2013	4.147	7.779
12/04/2005	4.075	4.244	08/04/2009	1.395	0.769	04/06/2013	4.086	7.628
12/05/2005	1.5	3.0205	08/05/2009	1.363	0.732	04/07/2013	4.026	7.448
12/06/2005	1.457	3.6985	08/06/2009	1.330	0.726	04/08/2013	3.965	7.388
12/07/2005	1.414	3.362	08/07/2009	1.298	0.702	04/09/2013	3.905	7.273
12/08/2005	1.371	3.2225	08/08/2009	1.265	0.709	04/10/2013	3.844	7.067
12/09/2005	1.329	3.052	08/09/2009	1.233	0.735	04/11/2013	3.784	6.937
12/10/2005	1.286	3.435	08/10/2009	1.200	0.737	04/12/2013	3.723	6.747
12/11/2005	1.243	3.274	08/11/2009	1.187	0.706	04/13/2013	3.663	6.625

12/12/2005	1.2	3.1515	08/12/2009	1.174	0.698	04/14/2013	3.602	6.523
12/13/2005	1.95	3.465	08/13/2009	1.161	0.682	04/15/2013	3.542	6.325
12/14/2005	2.7	4.2035	08/14/2009	1.148	0.658	04/16/2013	3.481	6.141
12/15/2005	3.45	23.355	08/15/2009	1.135	0.634	04/17/2013	3.421	5.911
12/16/2005	4.2	8.205	08/16/2009	1.122	0.623	04/18/2013	3.361	5.785
12/17/2005	4.5	11.8	08/17/2009	1.109	0.632	04/19/2013	3.300	5.533
12/18/2005	4.8	7.3425	08/18/2009	1.096	0.623	04/20/2013	3.230	5.326
12/19/2005	5.1	9.93	08/19/2009	1.083	0.604	04/21/2013	3.160	5.103
12/20/2005	5.4	7.511	08/20/2009	1.070	0.610	04/22/2013	3.090	4.900
12/21/2005	5.7	7.128	08/21/2009	1.057	0.598	04/23/2013	3.020	4.778
12/22/2005	6	7.0665	08/22/2009	1.044	0.583	04/24/2013	2.950	4.591
12/23/2005	6.3	7.7815	08/23/2009	1.030	0.576	04/25/2013	2.880	4.335
12/24/2005	6.6	13.875	08/24/2009	1.017	0.571	04/26/2013	2.810	4.172
12/25/2005	6.9	9.49	08/25/2009	1.004	0.553	04/27/2013	2.740	3.974
12/26/2005	7.2	8.775	08/26/2009	0.991	0.542	04/28/2013	2.670	3.870
12/27/2005	7.5	33.735	08/27/2009	0.978	0.533	04/29/2013	2.600	3.772
12/28/2005	7.8	40.675	08/28/2009	0.965	0.522	04/30/2013	2.530	3.666
12/29/2005	8.1	14.38	08/29/2009	0.952	0.510	05/01/2013	2.460	3.415
12/30/2005	8.4	15.475	08/30/2009	0.939	0.498	05/02/2013	2.390	3.299
12/31/2005	8.7	13.335	08/31/2009	0.926	0.493	05/03/2013	2.320	3.222
01/01/2006	9	12.19	09/01/2009	0.913	0.479	05/04/2013	2.250	3.162
01/02/2006	9.3	11.995	09/02/2009	0.900	0.468	05/05/2013	2.180	3.117
01/03/2006	9.6	14.575	09/03/2009	0.887	0.459	05/06/2013	2.110	3.022
01/04/2006	8.878	12.329	09/04/2009	0.874	0.456	05/07/2013	2.040	2.864
01/05/2006	8.156	11.508	09/05/2009	0.861	0.451	05/08/2013	1.970	2.699
01/06/2006	7.433	11.0015	09/06/2009	0.848	0.434	05/09/2013	1.900	2.573
01/07/2006	6.711	10.5055	09/07/2009	0.835	0.422	05/10/2013	1.887	2.471
01/08/2006	5.989	9.9995	09/08/2009	0.822	0.415	05/11/2013	1.874	2.432
01/09/2006	5.267	9.4785	09/09/2009	0.809	0.416	05/12/2013	1.861	2.326
01/10/2006	4.544	9.507	09/10/2009	0.796	0.429	05/13/2013	1.849	2.244
01/11/2006	3.822	8.941	09/11/2009	0.783	0.427	05/14/2013	1.836	2.064
01/12/2006	3.1	10.095	09/12/2009	0.770	0.422	05/15/2013	1.823	1.958
01/13/2006	3.532	9.381	09/13/2009	0.757	0.407	05/16/2013	1.810	1.942
01/14/2006	3.964	9.322	09/14/2009	0.744	0.386	05/17/2013	1.797	1.909
01/15/2006	4.396	9.418	09/15/2009	0.730	0.371	05/18/2013	1.784	1.874
01/16/2006	4.827	9.7385	09/16/2009	0.717	0.361	05/19/2013	1.771	1.787
01/17/2006	5.259	12.5945	09/17/2009	0.704	0.486	05/20/2013	1.759	1.720
01/18/2006	5.691	11.0655	09/18/2009	0.691	0.539	05/21/2013	1.746	1.634
01/19/2006	6.123	11.2365	09/19/2009	0.678	0.562	05/22/2013	1.733	1.546
01/20/2006	6.555	16.4125	09/20/2009	0.665	0.546	05/23/2013	1.720	1.516
01/21/2006	6.986	19.378	09/21/2009	0.652	0.490	05/24/2013	1.707	1.461
01/22/2006	7.418	14.339	09/22/2009	0.639	0.492	05/25/2013	1.694	1.457

01/23/2006	7.85	13.82	09/23/2009	0.626	0.481	05/26/2013	1.681	1.416
01/24/2006	8.282	21.586	09/24/2009	0.613	0.466	05/27/2013	1.669	1.357
01/25/2006	8.714	15.517	09/25/2009	0.600	0.436	05/28/2013	1.656	1.290
01/26/2006	9.146	14.703	09/26/2009	0.607	0.401	05/29/2013	1.643	1.241
01/27/2006	9.577	14.6535	09/27/2009	0.614	0.381	05/30/2013	1.630	1.142
01/28/2006	10.009	20.1995	09/28/2009	0.621	0.391	05/31/2013	1.617	1.081
01/29/2006	10.441	16.3355	09/29/2009	0.627	0.409	06/01/2013	1.604	1.064
01/30/2006	10.873	15.8915	09/30/2009	0.634	0.409	06/02/2013	1.591	1.044
01/31/2006	11.305	15.9575	10/01/2009	0.641	0.404	06/03/2013	1.579	0.981
02/01/2006	11.736	15.918	10/02/2009	0.648	0.392	06/04/2013	1.566	0.977
02/02/2006	12.168	15.959	10/03/2009	0.655	0.382	06/05/2013	1.553	0.965
02/03/2006	12.6	16.02	10/04/2009	0.662	0.378	06/06/2013	1.540	0.963
02/04/2006	12.789	16.0195	10/05/2009	0.669	0.376	06/07/2013	1.527	0.962
02/05/2006	12.979	16.1195	10/06/2009	0.675	0.367	06/08/2013	1.514	0.932
02/06/2006	13.168	16.659	10/07/2009	0.682	0.387	06/09/2013	1.501	0.861
02/07/2006	13.357	16.2385	10/08/2009	0.689	0.389	06/10/2013	1.489	0.852
02/08/2006	13.546	39.148	10/09/2009	0.696	0.377	06/11/2013	1.476	0.848
02/09/2006	13.736	21.978	10/10/2009	0.703	0.369	06/12/2013	1.463	0.847
02/10/2006	13.925	18.5725	10/11/2009	0.710	0.365	06/13/2013	1.450	0.848
02/11/2006	14.114	18.482	10/12/2009	0.716	0.370	06/14/2013	1.437	0.839
02/12/2006	14.304	60.302	10/13/2009	0.723	0.374	06/15/2013	1.424	0.888
02/13/2006	14.493	27.9415	10/14/2009	0.730	0.377	06/16/2013	1.411	0.890
02/14/2006	14.682	36.191	10/15/2009	0.737	0.380	06/17/2013	1.399	0.882
02/15/2006	14.871	22.9455	10/16/2009	0.744	0.382	06/18/2013	1.386	0.873
02/16/2006	15.061	26.4855	10/17/2009	0.751	0.385	06/19/2013	1.373	0.832
02/17/2006	15.25	22.245	10/18/2009	0.758	0.386	06/20/2013	1.360	0.820
02/18/2006	15.439	21.6645	10/19/2009	0.764	0.389	06/21/2013	1.347	0.811
02/19/2006	15.629	21.5345	10/20/2009	0.771	0.395	06/22/2013	1.334	0.801
02/20/2006	15.818	21.454	10/21/2009	0.778	0.397	06/23/2013	1.321	0.774
02/21/2006	16.007	21.5035	10/22/2009	0.785	0.399	06/24/2013	1.309	0.744
02/22/2006	16.196	21.818	10/23/2009	0.792	0.402	06/25/2013	1.296	0.736
02/23/2006	16.386	36.238	10/24/2009	0.799	0.404	06/26/2013	1.283	0.723
02/24/2006	16.575	24.2025	10/25/2009	0.806	0.417	06/27/2013	1.270	0.700
02/25/2006	16.764	22.657	10/26/2009	0.812	0.438	06/28/2013	1.257	0.683
02/26/2006	16.954	22.367	10/27/2009	0.819	0.447	06/29/2013	1.244	0.680
02/27/2006	17.143	22.3015	10/28/2009	0.826	0.433	06/30/2013	1.231	0.675
02/28/2006	17.332	22.181	10/29/2009	0.833	0.425	07/01/2013	1.219	0.677
03/01/2006	17.521	22.0755	10/30/2009	0.840	0.425	07/02/2013	1.206	0.663
03/02/2006	17.711	22.0705	10/31/2009	0.847	0.428	07/03/2013	1.193	0.644
03/03/2006	17.9	22.055	11/01/2009	0.853	0.430	07/04/2013	1.180	0.635
03/04/2006	17.664	21.692	11/02/2009	0.860	0.434	07/05/2013	1.167	0.629
03/05/2006	17.428	21.454	11/03/2009	0.867	0.437	07/06/2013	1.154	0.618

03/06/2006	17.192	21.081	11/04/2009	0.874	0.440	07/07/2013	1.141	0.610
03/07/2006	16.956	20.783	11/05/2009	0.881	0.444	07/08/2013	1.129	0.618
03/08/2006	16.72	20.48	11/06/2009	0.888	0.452	07/09/2013	1.116	0.595
03/09/2006	16.484	30.652	11/07/2009	0.895	0.457	07/10/2013	1.103	0.594
03/10/2006	16.248	23.259	11/08/2009	0.901	0.465	07/11/2013	1.090	0.573
03/11/2006	16.012	21.581	11/09/2009	0.908	0.463	07/12/2013	1.077	0.553
03/12/2006	15.776	21.758	11/10/2009	0.915	0.463	07/13/2013	1.064	0.543
03/13/2006	15.54	21.255	11/11/2009	0.922	0.463	07/14/2013	1.051	0.539
03/14/2006	15.304	20.852	11/12/2009	0.929	0.467	07/15/2013	1.039	0.528
03/15/2006	15.068	20.524	11/13/2009	0.936	0.470	07/16/2013	1.026	0.531
03/16/2006	14.832	20.121	11/14/2009	0.943	0.618	07/17/2013	1.013	0.528
03/17/2006	14.596	20.323	11/15/2009	0.949	1.002	07/18/2013	1.000	0.517
03/18/2006	14.36	20.29	11/16/2009	0.956	1.104	07/19/2013	0.991	0.512
03/19/2006	14.124	19.852	11/17/2009	0.963	1.093	07/20/2013	0.981	0.514
03/20/2006	13.888	19.544	11/18/2009	0.970	0.987	07/21/2013	0.972	0.513
03/21/2006	13.652	19.236	11/19/2009	0.977	0.983	07/22/2013	0.962	0.519
03/22/2006	13.416	19.148	11/20/2009	0.984	0.970	07/23/2013	0.953	0.519
03/23/2006	13.18	19.145	11/21/2009	0.990	0.933	07/24/2013	0.943	0.502
03/24/2006	12.944	18.612	11/22/2009	0.997	0.854	07/25/2013	0.934	0.491
03/25/2006	12.708	18.299	11/23/2009	1.004	0.898	07/26/2013	0.925	0.479
03/26/2006	12.472	17.926	11/24/2009	1.011	1.797	07/27/2013	0.915	0.470
03/27/2006	12.236	17.583	11/25/2009	1.018	1.592	07/28/2013	0.906	0.466
03/28/2006	12	17.47	11/26/2009	1.025	1.685	07/29/2013	0.896	0.463
03/29/2006	11.788	17.434	11/27/2009	1.032	1.563	07/30/2013	0.887	0.464
03/30/2006	11.575	17.0025	11/28/2009	1.038	1.471	07/31/2013	0.877	0.468
03/31/2006	11.363	16.6465	11/29/2009	1.045	1.479	08/01/2013	0.868	0.444
04/01/2006	11.15	16.625	11/30/2009	1.052	2.078	08/02/2013	0.859	0.433
04/02/2006	10.938	16.949	12/01/2009	1.059	2.173	08/03/2013	0.849	0.425
04/03/2006	10.725	16.3825	12/02/2009	1.066	1.864	08/04/2013	0.840	0.420
04/04/2006	10.513	16.2015	12/03/2009	1.073	2.208	08/05/2013	0.830	0.415
04/05/2006	10.3	15.835	12/04/2009	1.080	2.146	08/06/2013	0.821	0.411
04/06/2006	10.088	15.624	12/05/2009	1.086	2.009	08/07/2013	0.811	0.406
04/07/2006	9.875	15.2775	12/06/2009	1.093	1.821	08/08/2013	0.802	0.401
04/08/2006	9.663	15.0465	12/07/2009	1.100	1.838	08/09/2013	0.793	0.397
04/09/2006	9.45	14.67	12/08/2009	1.109	1.724	08/10/2013	0.783	0.392
04/10/2006	9.238	14.334	12/09/2009	1.119	1.632	08/11/2013	0.774	0.387
04/11/2006	9.025	14.0425	12/10/2009	1.128	1.680	08/12/2013	0.764	0.382
04/12/2006	8.813	13.7415	12/11/2009	1.137	2.799	08/13/2013	0.755	0.378
04/13/2006	8.6	13.42	12/12/2009	1.146	2.395	08/14/2013	0.745	0.373
04/14/2006	8.455	13.2675	12/13/2009	1.156	2.124	08/15/2013	0.736	0.368
04/15/2006	8.309	13.1645	12/14/2009	1.165	1.986	08/16/2013	0.726	0.363
04/16/2006	8.164	12.962	12/15/2009	1.174	1.844	08/17/2013	0.717	0.359

04/17/2006	8.018	12.654	12/16/2009	1.183	1.729	08/18/2013	0.708	0.354
04/18/2006	7.873	12.3915	12/17/2009	1.193	1.790	08/19/2013	0.698	0.349
04/19/2006	7.727	12.0735	12/18/2009	1.202	1.746	08/20/2013	0.689	0.345
04/20/2006	7.582	11.796	12/19/2009	1.211	1.969	08/21/2013	0.679	0.340
04/21/2006	7.436	11.583	12/20/2009	1.220	1.897	08/22/2013	0.670	0.335
04/22/2006	7.291	11.3455	12/21/2009	1.230	3.169	08/23/2013	0.660	0.330
04/23/2006	7.146	11.078	12/22/2009	1.239	2.853	08/24/2013	0.651	0.326
04/24/2006	7	10.8	12/23/2009	1.248	3.064	08/25/2013	0.642	0.362
04/25/2006	6.855	10.5925	12/24/2009	1.257	2.713	08/26/2013	0.632	0.402
04/26/2006	6.709	10.3295	12/25/2009	1.267	5.034	08/27/2013	0.623	0.394
04/27/2006	6.564	10.092	12/26/2009	1.276	3.305	08/28/2013	0.613	0.394
04/28/2006	6.418	9.869	12/27/2009	1.285	3.129	08/29/2013	0.604	0.368
04/29/2006	6.273	9.6565	12/28/2009	1.294	3.287	08/30/2013	0.594	0.346
04/30/2006	6.127	9.4585	12/29/2009	1.304	3.022	08/31/2013	0.585	0.322
05/01/2006	5.982	9.336	12/30/2009	1.313	23.352	09/01/2013	0.576	0.313
05/02/2006	5.836	9.253	12/31/2009	1.322	11.896	09/02/2013	0.566	0.300
05/03/2006	5.691	9.0455	01/01/2010	1.332	5.501	09/03/2013	0.557	0.295
05/04/2006	5.546	8.768	01/02/2010	1.341	4.482	09/04/2013	0.547	0.289
05/05/2006	5.4	8.53	01/03/2010	1.350	4.386	09/05/2013	0.538	0.279
05/06/2006	5.321	8.2955	01/04/2010	1.359	4.236	09/06/2013	0.528	0.271
05/07/2006	5.242	8.146	01/05/2010	1.369	4.072	09/07/2013	0.519	0.266
05/08/2006	5.163	7.9865	01/06/2010	1.378	4.357	09/08/2013	0.509	0.259
05/09/2006	5.084	7.787	01/07/2010	1.387	4.649	09/09/2013	0.500	0.254
05/10/2006	5.005	7.6075	01/08/2010	1.396	4.498	09/10/2013	0.497	0.249
05/11/2006	4.926	7.4515	01/09/2010	1.406	4.368	09/11/2013	0.493	0.247
05/12/2006	4.847	7.2875	01/10/2010	1.415	4.316	09/12/2013	0.490	0.245
05/13/2006	4.768	7.0765	01/11/2010	1.424	4.256	09/13/2013	0.486	0.244
05/14/2006	4.69	6.8825	01/12/2010	1.433	4.158	09/14/2013	0.483	0.253
05/15/2006	4.611	6.721	01/13/2010	1.443	4.503	09/15/2013	0.479	0.251
05/16/2006	4.532	6.593	01/14/2010	1.452	4.415	09/16/2013	0.476	0.250
05/17/2006	4.453	6.3425	01/15/2010	1.461	4.256	09/17/2013	0.472	0.247
05/18/2006	4.374	6.0545	01/16/2010	1.470	4.283	09/18/2013	0.469	0.245
05/19/2006	4.295	5.873	01/17/2010	1.480	4.185	09/19/2013	0.466	0.243
05/20/2006	4.216	5.6795	01/18/2010	1.489	4.098	09/20/2013	0.462	0.240
05/21/2006	4.137	5.449	01/19/2010	1.498	4.014	09/21/2013	0.459	0.238
05/22/2006	4.058	5.153	01/20/2010	1.507	4.044	09/22/2013	0.455	0.236
05/23/2006	3.979	4.942	01/21/2010	1.517	3.959	09/23/2013	0.452	0.234
05/24/2006	3.9	4.736	01/22/2010	1.526	3.889	09/24/2013	0.448	0.232
05/25/2006	3.821	4.562	01/23/2010	1.535	3.848	09/25/2013	0.445	0.230
05/26/2006	3.742	4.328	01/24/2010	1.544	4.532	09/26/2013	0.441	0.228
05/27/2006	3.663	4.1385	01/25/2010	1.554	4.940	09/27/2013	0.438	0.225
05/28/2006	3.584	3.8415	01/26/2010	1.563	10.912	09/28/2013	0.435	0.224

05/29/2006	3.505	3.695	01/27/2010	1.572	6.781	09/29/2013	0.431	0.222
05/30/2006	3.426	3.5385	01/28/2010	1.582	5.765	09/30/2013	0.428	0.219
05/31/2006	3.347	3.3075	01/29/2010	1.591	5.574	10/01/2013	0.424	0.218
06/01/2006	3.268	3.234	01/30/2010	1.600	5.568	10/02/2013	0.421	0.216
06/02/2006	3.19	3.1005	01/31/2010	1.609	5.522	10/03/2013	0.417	0.213
06/03/2006	3.111	2.9905	02/01/2010	1.619	8.165	10/04/2013	0.414	0.212
06/04/2006	3.032	2.8915	02/02/2010	1.628	6.289	10/05/2013	0.410	0.209
06/05/2006	2.953	2.69	02/03/2010	1.637	5.779	10/06/2013	0.407	0.211
06/06/2006	2.874	2.6105	02/04/2010	1.646	5.574	10/07/2013	0.403	0.207
06/07/2006	2.795	2.5015	02/05/2010	1.656	5.631	10/08/2013	0.400	0.205
06/08/2006	2.716	2.319	02/06/2010	1.665	5.555	10/09/2013	0.397	0.204
06/09/2006	2.637	2.217	02/07/2010	1.674	5.409	10/10/2013	0.394	0.202
06/10/2006	2.558	2.166	02/08/2010	1.683	5.337	10/11/2013	0.391	0.200
06/11/2006	2.479	2.142	02/09/2010	1.693	5.431	10/12/2013	0.389	0.199
06/12/2006	2.4	2.058	02/10/2010	1.702	5.242	10/13/2013	0.386	0.197
06/13/2006	2.406	1.991	02/11/2010	1.711	17.831	10/14/2013	0.383	0.294
06/14/2006	2.413	1.987	02/12/2010	1.720	8.215	10/15/2013	0.380	0.556
06/15/2006	2.419	1.9395	02/13/2010	1.730	6.635	10/16/2013	0.377	0.595
06/16/2006	2.425	1.881	02/14/2010	1.739	6.315	10/17/2013	0.374	0.558
06/17/2006	2.431	1.835	02/15/2010	1.748	9.579	10/18/2013	0.371	0.500
06/18/2006	2.438	1.8005	02/16/2010	1.757	10.894	10/19/2013	0.369	0.440
06/19/2006	2.444	1.7635	02/17/2010	1.767	7.854	10/20/2013	0.366	0.382
06/20/2006	2.45	1.7249	02/18/2010	1.776	7.173	10/21/2013	0.363	0.393
06/21/2006	2.456	1.732	02/19/2010	1.785	7.038	10/22/2013	0.360	0.363
06/22/2006	2.463	1.7016	02/20/2010	1.794	6.937	10/23/2013	0.357	0.292
06/23/2006	2.469	1.63975	02/21/2010	1.804	8.287	10/24/2013	0.354	0.276
06/24/2006	2.475	1.6441	02/22/2010	1.813	7.357	10/25/2013	0.351	0.308
06/25/2006	2.481	1.63815	02/23/2010	1.822	7.296	10/26/2013	0.349	0.283
06/26/2006	2.488	1.60525	02/24/2010	1.832	7.236	10/27/2013	0.346	0.257
06/27/2006	2.494	1.55345	02/25/2010	1.841	7.175	10/28/2013	0.343	0.244
06/28/2006	2.5	1.56015	02/26/2010	1.850	7.115	10/29/2013	0.340	0.220
06/29/2006	2.25	1.42945	02/27/2010	1.859	11.925	10/30/2013	0.337	0.233
06/30/2006	2	1.28255	02/28/2010	1.869	11.575	10/31/2013	0.334	0.213
07/01/2006	1.97	1.27885	03/01/2010	1.878	11.194	11/01/2013	0.331	0.225
07/02/2006	1.94	1.24435	03/02/2010	1.887	11.124	11/02/2013	0.329	0.300
07/03/2006	1.91	1.1701	03/03/2010	1.896	10.918	11/03/2013	0.326	0.503
07/04/2006	1.88	1.12655	03/04/2010	1.906	10.828	11/04/2013	0.323	0.551
07/05/2006	1.85	1.11225	03/05/2010	1.915	55.108	11/05/2013	0.320	0.487
07/06/2006	1.82	1.06875	03/06/2010	1.924	16.917	11/06/2013	0.317	0.463
07/07/2006	1.79	1.0521	03/07/2010	1.933	12.887	11/07/2013	0.314	0.415
07/08/2006	1.76	1.0422	03/08/2010	1.943	12.382	11/08/2013	0.311	0.377
07/09/2006	1.73	1.027	03/09/2010	1.952	12.221	11/09/2013	0.309	0.357

07/10/2006	1.7	1.0097	03/10/2010	1.961	12.576	11/10/2013	0.306	0.303
07/11/2006	1.671	0.9881	03/11/2010	1.970	13.075	11/11/2013	0.303	0.302
07/12/2006	1.643	0.96195	03/12/2010	1.980	12.685	11/12/2013	0.300	0.274
07/13/2006	1.614	0.9074	03/13/2010	1.989	12.545	11/13/2013	0.310	0.249
07/14/2006	1.586	0.8981	03/14/2010	1.998	12.354	11/14/2013	0.320	0.242
07/15/2006	1.557	0.90205	03/15/2010	2.007	12.269	11/15/2013	0.329	0.233
07/16/2006	1.529	0.8783	03/16/2010	2.017	12.119	11/16/2013	0.339	0.237
07/17/2006	1.5	0.85125	03/17/2010	2.026	11.978	11/17/2013	0.349	0.229
07/18/2006	1.483	0.8478	03/18/2010	2.035	11.903	11/18/2013	0.358	0.222
07/19/2006	1.467	0.8333	03/19/2010	2.044	11.777	11/19/2013	0.368	0.215
07/20/2006	1.45	0.8332	03/20/2010	2.054	11.677	11/20/2013	0.378	0.294
07/21/2006	1.433	0.82085	03/21/2010	2.063	11.552	11/21/2013	0.388	0.356
07/22/2006	1.417	0.79365	03/22/2010	2.072	11.421	11/22/2013	0.397	0.388
07/23/2006	1.4	0.80365	03/23/2010	2.082	11.301	11/23/2013	0.407	1.057
07/24/2006	1.383	0.79895	03/24/2010	2.091	11.206	11/24/2013	0.417	1.104
07/25/2006	1.367	0.772	03/25/2010	2.100	11.110	11/25/2013	0.427	1.036
07/26/2006	1.35	0.7549	03/26/2010	2.109	10.960	11/26/2013	0.436	0.921
07/27/2006	1.333	0.74695	03/27/2010	2.119	10.815	11/27/2013	0.446	3.160
07/28/2006	1.317	0.73955	03/28/2010	2.128	10.734	11/28/2013	0.456	1.790
07/29/2006	1.3	0.7358	03/29/2010	2.137	10.569	11/29/2013	0.465	1.542
07/30/2006	1.283	0.74425	03/30/2010	2.146	10.433	11/30/2013	0.475	1.452
07/31/2006	1.267	0.7138	03/31/2010	2.156	10.273	12/01/2013	0.485	1.336
08/01/2006	1.25	0.71545	04/01/2010	2.165	10.138	12/02/2013	0.495	1.246
08/02/2006	1.233	0.69555	04/02/2010	2.174	10.027	12/03/2013	0.504	1.157
08/03/2006	1.217	0.6878	04/03/2010	2.183	9.862	12/04/2013	0.514	1.004
08/04/2006	1.2	0.6738	04/04/2010	2.193	9.902	12/05/2013	0.524	0.903
08/05/2006	1.171	0.64415	04/05/2010	2.202	10.111	12/06/2013	0.534	0.922
08/06/2006	1.143	0.6394	04/06/2010	2.211	9.976	12/07/2013	0.543	9.412
08/07/2006	1.114	0.61185	04/07/2010	2.220	9.780	12/08/2013	0.553	3.648
08/08/2006	1.086	0.59075	04/08/2010	2.230	9.580	12/09/2013	0.563	2.544
08/09/2006	1.057	0.59005	04/09/2010	2.239	9.400	12/10/2013	0.572	8.701
08/10/2006	1.029	0.5783	04/10/2010	2.248	9.224	12/11/2013	0.582	4.007
08/11/2006	1	0.5615	04/11/2010	2.257	9.044	12/12/2013	0.592	2.919
08/12/2006	0.992	0.54625	04/12/2010	2.267	8.924	12/13/2013	0.602	8.916
08/13/2006	0.983	0.53495	04/13/2010	2.276	8.733	12/14/2013	0.611	4.142
08/14/2006	0.975	0.52275	04/14/2010	2.285	8.583	12/15/2013	0.621	3.140
08/15/2006	0.967	0.51145	04/15/2010	2.294	8.432	12/16/2013	0.631	6.601
08/16/2006	0.958	0.5077	04/16/2010	2.304	8.267	12/17/2013	0.641	4.068
08/17/2006	0.95	0.51545	04/17/2010	2.313	8.067	12/18/2013	0.650	3.465
08/18/2006	0.942	0.5055	04/18/2010	2.322	7.956	12/19/2013	0.660	3.314
08/19/2006	0.933	0.50265	04/19/2010	2.332	7.796	12/20/2013	0.670	3.125
08/20/2006	0.925	0.50545	04/20/2010	2.341	7.626	12/21/2013	0.680	3.070

08/21/2006	0.917	0.5095	04/21/2010	2.350	7.520	12/22/2013	0.689	2.984
08/22/2006	0.908	0.49805	04/22/2010	2.359	7.380	12/23/2013	0.699	2.964
08/23/2006	0.9	0.4842	04/23/2010	2.369	7.425	12/24/2013	0.709	2.944
08/24/2006	0.89	0.4752	04/24/2010	2.378	7.304	12/25/2013	0.718	2.829
08/25/2006	0.881	0.4701	04/25/2010	2.387	7.119	12/26/2013	0.728	2.738
08/26/2006	0.871	0.4586	04/26/2010	2.396	6.978	12/27/2013	0.738	2.716
08/27/2006	0.861	0.4633	04/27/2010	2.406	6.838	12/28/2013	0.748	2.694
08/28/2006	0.851	0.4708	04/28/2010	2.415	6.718	12/29/2013	0.757	2.624
08/29/2006	0.842	0.47355	04/29/2010	2.424	6.607	12/30/2013	0.767	2.633
08/30/2006	0.832	0.45875	04/30/2010	2.433	6.502	12/31/2013	0.777	2.659
08/31/2006	0.822	0.43945	05/01/2010	2.443	6.322	01/01/2014	0.787	2.869
09/01/2006	0.812	0.4218	05/02/2010	2.452	6.261	01/02/2014	0.796	2.928
09/02/2006	0.802	0.4165	05/03/2010	2.461	6.141	01/03/2014	0.806	2.985
09/03/2006	0.793	0.42305	05/04/2010	2.470	5.965	01/04/2014	0.816	3.070
09/04/2006	0.783	0.4221	05/05/2010	2.480	5.835	01/05/2014	0.825	2.991
09/05/2006	0.773	0.4222	05/06/2010	2.489	5.752	01/06/2014	0.835	2.897
09/06/2006	0.763	0.40995	05/07/2010	2.498	5.641	01/07/2014	0.845	2.859
09/07/2006	0.754	0.40425	05/08/2010	2.507	5.559	01/08/2014	0.855	2.894
09/08/2006	0.744	0.39325	05/09/2010	2.517	5.472	01/09/2014	0.864	3.170
09/09/2006	0.734	0.383	05/10/2010	2.526	5.356	01/10/2014	0.874	3.092
09/10/2006	0.724	0.3739	05/11/2010	2.535	5.216	01/11/2014	0.884	3.028
09/11/2006	0.715	0.36575	05/12/2010	2.544	5.098	01/12/2014	0.894	3.255
09/12/2006	0.705	0.356	05/13/2010	2.554	4.877	01/13/2014	0.903	3.099
09/13/2006	0.695	0.3486	05/14/2010	2.563	4.673	01/14/2014	0.913	3.019
09/14/2006	0.685	0.3437	05/15/2010	2.572	4.566	01/15/2014	0.923	3.065
09/15/2006	0.676	0.3438	05/16/2010	2.582	4.508	01/16/2014	0.932	2.956
09/16/2006	0.666	0.3379	05/17/2010	2.591	4.325	01/17/2014	0.942	3.032
09/17/2006	0.656	0.33365	05/18/2010	2.600	4.172	01/18/2014	0.952	3.180
09/18/2006	0.646	0.32535	05/19/2010	2.576	3.932	01/19/2014	0.962	3.274
09/19/2006	0.637	0.31945	05/20/2010	2.552	3.704	01/20/2014	0.971	3.196
09/20/2006	0.627	0.31455	05/21/2010	2.528	3.487	01/21/2014	0.981	3.139
09/21/2006	0.617	0.3095	05/22/2010	2.504	3.341	01/22/2014	0.991	3.024
09/22/2006	0.607	0.3046	05/23/2010	2.480	3.220	01/23/2014	1.001	2.984
09/23/2006	0.598	0.29985	05/24/2010	2.456	3.150	01/24/2014	1.010	3.015
09/24/2006	0.588	0.29475	05/25/2010	2.432	2.967	01/25/2014	1.020	4.646
09/25/2006	0.578	0.28985	05/26/2010	2.409	2.794	01/26/2014	1.030	3.650
09/26/2006	0.568	0.28485	05/27/2010	2.385	2.730	01/27/2014	1.040	3.411
09/27/2006	0.559	0.28035	05/28/2010	2.361	2.622	01/28/2014	1.049	3.263
09/28/2006	0.549	0.2778	05/29/2010	2.337	2.512	01/29/2014	1.059	3.259
09/29/2006	0.539	0.2754	05/30/2010	2.313	2.461	01/30/2014	1.069	3.505
09/30/2006	0.529	0.26655	05/31/2010	2.289	2.369	01/31/2014	1.078	6.664
10/01/2006	0.52	0.26055	06/01/2010	2.265	2.144	02/01/2014	1.088	5.574

10/02/2006	0.51	0.25545	06/02/2010	2.241	2.013	02/02/2014	1.098	6.004
10/03/2006	0.5	0.2506	06/03/2010	2.217	1.837	02/03/2014	1.108	5.934
10/04/2006	0.5	0.25035	06/04/2010	2.193	1.790	02/04/2014	1.117	8.474
10/05/2006	0.5	0.2507	06/05/2010	2.169	1.742	02/05/2014	1.127	5.904
10/06/2006	0.5	0.2522	06/06/2010	2.145	1.671	02/06/2014	1.137	5.361
10/07/2006	0.5	0.2514	06/07/2010	2.121	1.604	02/07/2014	1.147	5.734
10/08/2006	0.5	0.25245	06/08/2010	2.097	1.542	02/08/2014	1.156	5.520
10/09/2006	0.5	0.25075	06/09/2010	2.073	1.395	02/09/2014	1.166	5.448
10/10/2006	0.6	0.30325	06/10/2010	2.049	1.350	02/10/2014	1.176	5.923
10/11/2006	0.7	0.39015	06/11/2010	2.025	1.317	02/11/2014	1.185	8.763
10/12/2006	0.8	0.5128	06/12/2010	2.001	1.295	02/12/2014	1.195	7.338
10/13/2006	0.9	0.54875	06/13/2010	1.978	1.286	02/13/2014	1.205	9.173
10/14/2006	1	0.5717	06/14/2010	1.954	1.296	02/14/2014	1.215	7.238
10/15/2006	1.1	0.76285	06/15/2010	1.930	1.273	02/15/2014	1.224	6.987
10/16/2006	1.2	0.88095	06/16/2010	1.906	1.198	02/16/2014	1.234	6.732
10/17/2006	1.3	0.9121	06/17/2010	1.882	1.172	02/17/2014	1.244	6.547
10/18/2006	1.4	0.90815	06/18/2010	1.858	1.134	02/18/2014	1.254	6.627
10/19/2006	1.5	0.9904	06/19/2010	1.834	1.083	02/19/2014	1.263	6.457
10/20/2006	1.6	1.2034	06/20/2010	1.810	1.061	02/20/2014	1.273	6.402
10/21/2006	1.7	1.3505	06/21/2010	1.786	1.104	02/21/2014	1.283	6.282
10/22/2006	1.8	3.063	06/22/2010	1.762	1.124	02/22/2014	1.292	6.151
10/23/2006	1.9	3.6835	06/23/2010	1.738	1.076	02/23/2014	1.302	6.031
10/24/2006	2	2.648	06/24/2010	1.714	1.046	02/24/2014	1.312	6.011
10/25/2006	2.1	2.3275	06/25/2010	1.690	1.048	02/25/2014	1.322	5.926
10/26/2006	2.2	2.292	06/26/2010	1.666	1.044	02/26/2014	1.331	5.991
10/27/2006	2.3	2.268	06/27/2010	1.642	1.006	02/27/2014	1.341	5.951
10/28/2006	2.2	2.077	06/28/2010	1.618	1.003	02/28/2014	1.351	5.846
10/29/2006	2.1	2.148	06/29/2010	1.594	0.969	03/01/2014	1.361	5.806
10/30/2006	2	4.471	06/30/2010	1.570	0.927	03/02/2014	1.370	5.760
10/31/2006	1.9	3.0445	07/01/2010	1.547	0.909	03/03/2014	1.380	5.895
11/01/2006	1.8	2.683	07/02/2010	1.523	0.867	03/04/2014	1.390	6.015
11/02/2006	1.7	2.525	07/03/2010	1.499	0.839	03/05/2014	1.400	5.865
11/03/2006	1.6	2.3655	07/04/2010	1.475	0.822	03/06/2014	1.409	5.820
11/04/2006	1.5	2.2045	07/05/2010	1.451	0.807	03/07/2014	1.419	5.775
11/05/2006	1.4	2.0595	07/06/2010	1.427	0.787	03/08/2014	1.429	5.875
11/06/2006	1.3	2.0275	07/07/2010	1.403	0.773	03/09/2014	1.438	5.804
11/07/2006	1.2	6.725	07/08/2010	1.379	0.771	03/10/2014	1.448	5.693
11/08/2006	1.1	3.452	07/09/2010	1.355	0.761	03/11/2014	1.458	5.729
11/09/2006	1	2.809	07/10/2010	1.331	0.747	03/12/2014	1.468	5.599
11/10/2006	0.9	2.567	07/11/2010	1.307	0.734	03/13/2014	1.477	5.525
11/11/2006	0.8	2.4045	07/12/2010	1.283	0.738	03/14/2014	1.487	5.435
11/12/2006	0.7	2.2495	07/13/2010	1.259	0.736	03/15/2014	1.497	5.364

11/13/2006	0.6	2.136	07/14/2010	1.235	0.729	03/16/2014	1.507	5.276
11/14/2006	0.5	2.034	07/15/2010	1.211	0.715	03/17/2014	1.516	5.171
11/15/2006	0.4	1.932	07/16/2010	1.187	0.694	03/18/2014	1.526	5.107
11/16/2006	0.6	2.0215	07/17/2010	1.163	0.684	03/19/2014	1.536	5.425
11/17/2006	0.8	2.0935	07/18/2010	1.139	0.674	03/20/2014	1.545	5.359
11/18/2006	1	2.1955	07/19/2010	1.116	0.662	03/21/2014	1.555	5.261
11/19/2006	1.2	2.504	07/20/2010	1.092	0.640	03/22/2014	1.565	5.139
11/20/2006	1.4	2.6685	07/21/2010	1.068	0.609	03/23/2014	1.575	5.129
11/21/2006	1.6	2.7055	07/22/2010	1.044	0.592	03/24/2014	1.584	4.995
11/22/2006	1.8	2.7375	07/23/2010	1.020	0.570	03/25/2014	1.594	4.879
11/23/2006	2	2.795	07/24/2010	0.996	0.547	03/26/2014	1.604	5.524
11/24/2006	2.2	3.5755	07/25/2010	0.972	0.534	03/27/2014	1.614	5.253
11/25/2006	2.4	3.4755	07/26/2010	0.948	0.521	03/28/2014	1.623	5.054
11/26/2006	2.6	3.5425	07/27/2010	0.924	0.524	03/29/2014	1.633	4.976
11/27/2006	2.8	3.6285	07/28/2010	0.900	0.507	03/30/2014	1.643	4.770
11/28/2006	3	3.7255	07/29/2010	0.891	0.503	03/31/2014	1.652	4.698
11/29/2006	2.743	3.607	07/30/2010	0.881	0.489	04/01/2014	1.662	4.629
11/30/2006	2.486	3.4205	07/31/2010	0.871	0.477	04/02/2014	1.672	4.531
12/01/2006	2.229	3.2325	08/01/2010	0.862	0.473	04/03/2014	1.682	4.408
12/02/2006	1.971	3.066	08/02/2010	0.852	0.464	04/04/2014	1.691	4.310
12/03/2006	1.714	2.9635	08/03/2010	0.843	0.462	04/05/2014	1.701	4.309
12/04/2006	1.457	2.975	08/04/2010	0.833	0.466	04/06/2014	1.711	4.228
12/05/2006	1.2	2.7795	08/05/2010	0.824	0.460	04/07/2014	1.721	4.110
12/06/2006	1.327	2.785	08/06/2010	0.814	0.439	04/08/2014	1.730	3.975
12/07/2006	1.454	2.848	08/07/2010	0.805	0.423	04/09/2014	1.740	3.863
12/08/2006	1.581	4.726	08/08/2010	0.795	0.417	04/10/2014	1.750	3.771
12/09/2006	1.708	3.7905	08/09/2010	0.786	0.413	04/11/2014	1.760	3.642
12/10/2006	1.835	3.8275	08/10/2010	0.776	0.412	04/12/2014	1.769	3.512
12/11/2006	1.963	3.7625	08/11/2010	0.767	0.404	04/13/2014	1.779	3.439
12/12/2006	2.09	3.7155	08/12/2010	0.757	0.392	04/14/2014	1.789	3.291
12/13/2006	2.217	3.6445	08/13/2010	0.748	0.397	04/15/2014	1.798	3.188
12/14/2006	2.344	3.6055	08/14/2010	0.738	0.399	04/16/2014	1.808	3.070
12/15/2006	2.471	3.9225	08/15/2010	0.729	0.393	04/17/2014	1.818	3.031
12/16/2006	2.598	3.7485	08/16/2010	0.719	0.376	04/18/2014	1.828	2.930
12/17/2006	2.725	3.742	08/17/2010	0.710	0.362	04/19/2014	1.837	2.867
12/18/2006	2.852	3.778	08/18/2010	0.700	0.353	04/20/2014	1.847	2.786
12/19/2006	2.979	5.027	08/19/2010	0.691	0.349	04/21/2014	1.857	2.745
12/20/2006	3.106	4.517	08/20/2010	0.681	0.344	04/22/2014	1.867	2.704
12/21/2006	3.233	4.6785	08/21/2010	0.671	0.338	04/23/2014	1.876	2.651
12/22/2006	3.36	4.6525	08/22/2010	0.662	0.334	04/24/2014	1.886	2.547
12/23/2006	3.488	4.6085	08/23/2010	0.652	0.329	04/25/2014	1.896	2.501
12/24/2006	3.615	4.5145	08/24/2010	0.643	0.324	04/26/2014	1.905	2.396

12/25/2006	3.742	4.645	08/25/2010	0.633	0.319	04/27/2014	1.915	2.358
12/26/2006	3.869	4.6575	08/26/2010	0.624	0.314	04/28/2014	1.925	2.292
12/27/2006	3.996	4.6165	08/27/2010	0.614	0.310	04/29/2014	1.935	2.239
12/28/2006	4.123	4.5955	08/28/2010	0.605	0.305	04/30/2014	1.944	2.209
12/29/2006	4.25	4.626	08/29/2010	0.595	0.300	05/01/2014	1.954	2.119
12/30/2006	4.377	4.613	08/30/2010	0.586	0.295	05/02/2014	1.964	1.981
12/31/2006	4.504	4.613	08/31/2010	0.576	0.290	05/03/2014	1.974	1.922
01/01/2007	4.631	4.621	09/01/2010	0.567	0.295	05/04/2014	1.983	1.849
01/02/2007	4.758	4.7565	09/02/2010	0.557	0.294	05/05/2014	1.993	1.835
01/03/2007	4.885	5.865	09/03/2010	0.548	0.294	05/06/2014	2.003	1.796
01/04/2007	5.013	10.7215	09/04/2010	0.538	0.291	05/07/2014	2.012	1.733
01/05/2007	5.14	9.025	09/05/2010	0.529	0.287	05/08/2014	2.022	1.692
01/06/2007	5.267	6.9175	09/06/2010	0.519	0.280	05/09/2014	2.032	1.618
01/07/2007	5.394	6.552	09/07/2010	0.510	0.273	05/10/2014	2.042	1.601
01/08/2007	5.521	6.4085	09/08/2010	0.500	0.265	05/11/2014	2.051	1.554
01/09/2007	5.648	6.299	09/09/2010	0.497	0.259	05/12/2014	2.061	1.475
01/10/2007	5.775	7.0195	09/10/2010	0.494	0.250	05/13/2014	2.071	1.427
01/11/2007	5.902	7.1155	09/11/2010	0.492	0.248	05/14/2014	2.081	1.416
01/12/2007	6.029	6.6745	09/12/2010	0.489	0.248	05/15/2014	2.090	1.420
01/13/2007	6.156	6.565	09/13/2010	0.486	0.244	05/16/2014	2.100	1.417
01/14/2007	6.283	6.6735	09/14/2010	0.483	0.243	05/17/2014	2.087	1.390
01/15/2007	6.41	24.735	09/15/2010	0.481	0.242	05/18/2014	2.075	1.353
01/16/2007	6.538	49.514	09/16/2010	0.478	0.241	05/19/2014	2.062	1.323
01/17/2007	6.665	13.3025	09/17/2010	0.475	0.239	05/20/2014	2.049	1.228
01/18/2007	6.792	9.541	09/18/2010	0.472	0.238	05/21/2014	2.037	1.174
01/19/2007	6.919	8.9345	09/19/2010	0.469	0.236	05/22/2014	2.024	1.177
01/20/2007	7.046	8.933	09/20/2010	0.467	0.235	05/23/2014	2.012	1.200
01/21/2007	7.173	8.8465	09/21/2010	0.464	0.233	05/24/2014	1.999	1.222
01/22/2007	7.3	8.75	09/22/2010	0.461	0.232	05/25/2014	1.986	1.203
01/23/2007	6.967	8.4455	09/23/2010	0.458	0.230	05/26/2014	1.974	1.186
01/24/2007	6.633	9.1115	09/24/2010	0.456	0.229	05/27/2014	1.961	1.173
01/25/2007	6.3	39.38	09/25/2010	0.453	0.228	05/28/2014	1.948	1.149
01/26/2007	5.967	12.5285	09/26/2010	0.450	0.227	05/29/2014	1.936	1.145
01/27/2007	5.633	9.1915	09/27/2010	0.447	0.225	05/30/2014	1.923	1.118
01/28/2007	5.3	11.54	09/28/2010	0.444	0.223	05/31/2014	1.910	1.088
01/29/2007	4.967	9.0835	09/29/2010	0.442	0.222	06/01/2014	1.898	1.058
01/30/2007	4.633	8.3865	09/30/2010	0.439	0.224	06/02/2014	1.885	1.043
01/31/2007	4.3	8.085	10/01/2010	0.436	0.224	06/03/2014	1.872	1.023
02/01/2007	4.352	7.981	10/02/2010	0.433	0.310	06/04/2014	1.860	1.005
02/02/2007	4.404	7.977	10/03/2010	0.431	0.439	06/05/2014	1.847	1.003
02/03/2007	4.457	7.9135	10/04/2010	0.428	0.432	06/06/2014	1.835	1.003
02/04/2007	4.509	7.7995	10/05/2010	0.425	0.398	06/07/2014	1.822	0.975

02/05/2007	4.561	7.7355	10/06/2010	0.422	0.359	06/08/2014	1.809	0.963
02/06/2007	4.613	7.6165	10/07/2010	0.419	0.341	06/09/2014	1.797	0.960
02/07/2007	4.665	7.5775	10/08/2010	0.417	0.354	06/10/2014	1.784	0.945
02/08/2007	4.717	7.4785	10/09/2010	0.414	0.360	06/11/2014	1.771	0.935
02/09/2007	4.77	7.46	10/10/2010	0.411	0.333	06/12/2014	1.759	0.908
02/10/2007	4.822	7.896	10/11/2010	0.408	0.309	06/13/2014	1.746	0.897
02/11/2007	4.874	9.167	10/12/2010	0.406	0.292	06/14/2014	1.733	0.883
02/12/2007	4.926	8.343	10/13/2010	0.403	0.291	06/15/2014	1.721	0.882
02/13/2007	4.978	8.169	10/14/2010	0.400	0.252	06/16/2014	1.708	0.870
02/14/2007	5.03	8.405	10/15/2010	0.400	0.248	06/17/2014	1.695	0.868
02/15/2007	5.083	8.1865	10/16/2010	0.400	0.232	06/18/2014	1.683	0.878
02/16/2007	5.135	8.5325	10/17/2010	0.400	0.231	06/19/2014	1.670	0.892
02/17/2007	5.187	8.5185	10/18/2010	0.400	0.250	06/20/2014	1.658	0.901
02/18/2007	5.239	8.5545	10/19/2010	0.400	0.250	06/21/2014	1.645	0.884
02/19/2007	5.291	8.5055	10/20/2010	0.400	0.229	06/22/2014	1.632	0.873
02/20/2007	5.344	8.357	10/21/2010	0.400	0.220	06/23/2014	1.620	0.856
02/21/2007	5.396	8.268	10/22/2010	0.400	0.216	06/24/2014	1.607	0.843
02/22/2007	5.448	8.169	10/23/2010	0.400	0.221	06/25/2014	1.594	0.830
02/23/2007	5.5	8.08	10/24/2010	0.400	0.222	06/26/2014	1.582	0.830
02/24/2007	5.267	7.8735	10/25/2010	0.400	0.217	06/27/2014	1.569	0.818
02/25/2007	5.033	7.6015	10/26/2010	0.400	0.221	06/28/2014	1.556	0.838
02/26/2007	4.8	7.376	10/27/2010	0.400	0.213	06/29/2014	1.544	0.849
02/27/2007	4.567	7.1995	10/28/2010	0.400	0.209	06/30/2014	1.531	0.840
02/28/2007	4.333	9.4965	10/29/2010	0.400	0.207	07/01/2014	1.518	0.822
03/01/2007	4.1	7.985	10/30/2010	0.400	0.207	07/02/2014	1.506	0.808
03/02/2007	4.336	7.743	10/31/2010	0.400	0.208	07/03/2014	1.493	0.796
03/03/2007	4.573	7.9665	11/01/2010	0.400	0.207	07/04/2014	1.481	0.779
03/04/2007	4.809	7.9095	11/02/2010	0.400	0.207	07/05/2014	1.468	0.775
03/05/2007	5.046	8.218	11/03/2010	0.400	0.206	07/06/2014	1.455	0.764
03/06/2007	5.282	8.171	11/04/2010	0.400	0.205	07/07/2014	1.443	0.758
03/07/2007	5.518	8.104	11/05/2010	0.400	0.204	07/08/2014	1.430	0.754
03/08/2007	5.755	8.1625	11/06/2010	0.400	0.203	07/09/2014	1.417	0.743
03/09/2007	5.991	9.5855	11/07/2010	0.400	0.203	07/10/2014	1.405	0.724
03/10/2007	6.227	29.8985	11/08/2010	0.400	0.202	07/11/2014	1.392	0.705
03/11/2007	6.464	14.137	11/09/2010	0.400	0.203	07/12/2014	1.379	0.695
03/12/2007	6.7	10.81	11/10/2010	0.400	0.208	07/13/2014	1.367	0.690
03/13/2007	6.936	10.303	11/11/2010	0.400	0.208	07/14/2014	1.354	0.680
03/14/2007	7.173	10.2215	11/12/2010	0.400	0.207	07/15/2014	1.341	0.671
03/15/2007	7.409	10.2795	11/13/2010	0.400	0.207	07/16/2014	1.329	0.665
03/16/2007	7.646	12.623	11/14/2010	0.400	0.207	07/17/2014	1.316	0.658
03/17/2007	7.882	19.456	11/15/2010	0.400	0.210	07/18/2014	1.303	0.652
03/18/2007	8.118	13.204	11/16/2010	0.400	0.231	07/19/2014	1.291	0.646

03/19/2007	8.355	12.1375	11/17/2010	0.400	0.222	07/20/2014	1.278	0.639
03/20/2007	8.591	11.9855	11/18/2010	0.422	0.227	07/21/2014	1.266	0.633
03/21/2007	8.827	11.9635	11/19/2010	0.444	0.231	07/22/2014	1.253	0.627
03/22/2007	9.064	11.947	11/20/2010	0.467	0.243	07/23/2014	1.240	0.620
03/23/2007	9.3	11.895	11/21/2010	0.489	0.253	07/24/2014	1.228	0.615
03/24/2007	9.058	11.614	11/22/2010	0.511	0.274	07/25/2014	1.215	0.611
03/25/2007	8.817	11.4035	11/23/2010	0.533	0.292	07/26/2014	1.202	0.604
03/26/2007	8.575	11.1475	11/24/2010	0.556	0.322	07/27/2014	1.190	0.598
03/27/2007	8.333	10.9265	11/25/2010	0.578	0.323	07/28/2014	1.177	0.592
03/28/2007	8.092	10.691	11/26/2010	0.600	0.330	07/29/2014	1.164	0.587
03/29/2007	7.85	10.45	11/27/2010	0.622	0.332	07/30/2014	1.152	0.576
03/30/2007	7.608	10.354	11/28/2010	0.644	0.344	07/31/2014	1.139	0.570
03/31/2007	7.367	10.1685	11/29/2010	0.667	0.521	08/01/2014	1.126	0.563
04/01/2007	7.125	10.0525	11/30/2010	0.689	0.710	08/02/2014	1.114	0.557
04/02/2007	6.883	9.7715	12/01/2010	0.711	0.690	08/03/2014	1.101	0.551
04/03/2007	6.642	9.531	12/02/2010	0.733	0.655	08/04/2014	1.089	0.545
04/04/2007	6.4	9.435	12/03/2010	0.756	0.651	08/05/2014	1.076	0.538
04/05/2007	6.306	9.298	12/04/2010	0.778	0.660	08/06/2014	1.063	0.532
04/06/2007	6.213	9.2115	12/05/2010	0.800	0.632	08/07/2014	1.051	0.526
04/07/2007	6.119	9.1345	12/06/2010	0.822	2.407	08/08/2014	1.038	0.519
04/08/2007	6.025	8.9475	12/07/2010	0.844	2.042	08/09/2014	1.025	0.513
04/09/2007	5.931	8.7705	12/08/2010	0.867	1.805	08/10/2014	1.013	0.507
04/10/2007	5.838	8.639	12/09/2010	0.889	2.726	08/11/2014	1.000	0.500
04/11/2007	5.744	8.437	12/10/2010	0.911	1.947	08/12/2014	0.987	0.494
04/12/2007	5.65	8.285	12/11/2010	0.933	1.630	08/13/2014	0.974	0.497
04/13/2007	5.556	8.413	12/12/2010	0.956	1.554	08/14/2014	0.962	0.487
04/14/2007	5.463	8.2365	12/13/2010	0.978	1.556	08/15/2014	0.949	0.477
04/15/2007	5.369	8.0495	12/14/2010	1.000	1.471	08/16/2014	0.936	0.470
04/16/2007	5.275	7.8675	12/15/2010	1.022	1.368	08/17/2014	0.923	0.469
04/17/2007	5.181	7.7355	12/16/2010	1.044	1.312	08/18/2014	0.910	0.456
04/18/2007	5.088	7.519	12/17/2010	1.067	1.247	08/19/2014	0.897	0.449
04/19/2007	4.994	7.3665	12/18/2010	1.089	1.165	08/20/2014	0.885	0.443
04/20/2007	4.9	7.2355	12/19/2010	1.111	1.113	08/21/2014	0.872	0.436
04/21/2007	4.836	7.043	12/20/2010	1.133	1.171	08/22/2014	0.859	0.430
04/22/2007	4.771	6.9215	12/21/2010	1.156	1.188	08/23/2014	0.846	0.423
04/23/2007	4.707	6.7975	12/22/2010	1.178	1.125	08/24/2014	0.833	0.417
04/24/2007	4.643	6.6225	12/23/2010	1.200	1.160	08/25/2014	0.821	0.411
04/25/2007	4.579	6.4995	12/24/2010	1.291	1.149	08/26/2014	0.808	0.404
04/26/2007	4.514	6.394	12/25/2010	1.382	1.179	08/27/2014	0.795	0.398
04/27/2007	4.45	6.2805	12/26/2010	1.473	1.227	08/28/2014	0.782	0.391
04/28/2007	4.386	6.1395	12/27/2010	1.564	3.604	08/29/2014	0.769	0.385
04/29/2007	4.321	5.9745	12/28/2010	1.655	2.518	08/30/2014	0.756	0.378

04/30/2007	4.257	5.8455	12/29/2010	1.746	2.307	08/31/2014	0.744	0.372
05/01/2007	4.193	5.6255	12/30/2010	1.836	2.598	09/01/2014	0.731	0.366
05/02/2007	4.129	5.5005	12/31/2010	1.927	2.737	09/02/2014	0.718	0.359
05/03/2007	4.064	5.364	01/01/2011	2.018	2.833	09/03/2014	0.705	0.353
05/04/2007	4	5.2255	01/02/2011	2.109	2.829	09/04/2014	0.692	0.346
05/05/2007	3.924	4.9765	01/03/2011	2.200	2.859	09/05/2014	0.680	0.340
05/06/2007	3.848	4.79	01/04/2011	2.291	2.856	09/06/2014	0.667	0.334
05/07/2007	3.771	4.65	01/05/2011	2.382	2.765	09/07/2014	0.654	0.345
05/08/2007	3.695	4.611	01/06/2011	2.473	4.478	09/08/2014	0.641	0.344
05/09/2007	3.619	4.4795	01/07/2011	2.564	3.553	09/09/2014	0.628	0.326
05/10/2007	3.543	4.2875	01/08/2011	2.655	3.200	09/10/2014	0.615	0.311
05/11/2007	3.467	4.1175	01/09/2011	2.746	3.733	09/11/2014	0.603	0.303
05/12/2007	3.391	3.949	01/10/2011	2.836	3.304	09/12/2014	0.590	0.295
05/13/2007	3.314	3.787	01/11/2011	2.927	3.188	09/13/2014	0.577	0.303
05/14/2007	3.238	3.653	01/12/2011	3.018	3.192	09/14/2014	0.564	0.309
05/15/2007	3.162	3.5225	01/13/2011	3.109	3.148	09/15/2014	0.551	0.315
05/16/2007	3.086	3.366	01/14/2011	3.200	3.093	09/16/2014	0.539	0.302
05/17/2007	3.01	3.3135	01/15/2011	3.291	3.082	09/17/2014	0.526	0.291
05/18/2007	2.933	3.144	01/16/2011	3.382	3.074	09/18/2014	0.513	0.269
05/19/2007	2.857	2.991	01/17/2011	3.473	3.159	09/19/2014	0.500	0.255
05/20/2007	2.781	2.8125	01/18/2011	3.564	3.266	09/20/2014	0.533	0.268
05/21/2007	2.705	2.7585	01/19/2011	3.655	3.302	09/21/2014	0.567	0.284
05/22/2007	2.629	2.6625	01/20/2011	3.746	61.573	09/22/2014	0.600	0.300
05/23/2007	2.552	2.5665	01/21/2011	3.836	15.318	09/23/2014	0.633	0.317
05/24/2007	2.476	2.4765	01/22/2011	3.927	7.504	09/24/2014	0.667	0.334
05/25/2007	2.4	2.325	01/23/2011	4.018	6.200	09/25/2014	0.700	0.350
05/26/2007	2.373	2.167	01/24/2011	4.109	6.136	09/26/2014	0.733	0.367
05/27/2007	2.345	2.117	01/25/2011	4.200	6.002	09/27/2014	0.767	0.384
05/28/2007	2.318	2.055	01/26/2011	4.291	5.970	09/28/2014	0.800	0.400
05/29/2007	2.29	2.0285	01/27/2011	4.382	5.894	09/29/2014	0.833	0.417
05/30/2007	2.263	1.9935	01/28/2011	4.473	5.875	09/30/2014	0.867	0.434
05/31/2007	2.235	1.7955	01/29/2011	4.564	26.427	10/01/2014	0.900	0.450
06/01/2007	2.208	1.738	01/30/2011	4.655	9.338	10/02/2014	0.933	0.467
06/02/2007	2.18	1.728	01/31/2011	4.746	7.063	10/03/2014	0.967	0.493
06/03/2007	2.153	1.71	02/01/2011	4.836	8.678	10/04/2014	1.000	0.595
06/04/2007	2.125	1.6785	02/02/2011	4.927	7.579	10/05/2014	1.033	0.648
06/05/2007	2.098	1.6055	02/03/2011	5.018	7.110	10/06/2014	1.067	0.662
06/06/2007	2.07	1.57	02/04/2011	5.109	7.236	10/07/2014	1.100	0.655
06/07/2007	2.043	1.5033	02/05/2011	5.200	7.266	10/08/2014	1.133	0.651
06/08/2007	2.015	1.44655	02/06/2011	5.291	11.771	10/09/2014	1.167	0.633
06/09/2007	1.988	1.31665	02/07/2011	5.382	16.651	10/10/2014	1.200	0.673
06/10/2007	1.96	1.2631	02/08/2011	5.473	11.007	10/11/2014	1.233	0.681

06/11/2007	1.933	1.2077	02/09/2011	5.564	11.342	10/12/2014	1.267	0.687
06/12/2007	1.905	1.1938	02/10/2011	5.655	9.703	10/13/2014	1.300	0.690
06/13/2007	1.878	1.19505	02/11/2011	5.746	9.698	10/14/2014	1.333	0.696
06/14/2007	1.85	1.1693	02/12/2011	5.836	9.383	10/15/2014	1.367	0.697
06/15/2007	1.823	1.1563	02/13/2011	5.927	9.164	10/16/2014	1.400	0.703
06/16/2007	1.795	1.1499	02/14/2011	6.018	9.089	10/17/2014	1.433	0.719
06/17/2007	1.768	1.09305	02/15/2011	6.109	9.000	10/18/2014	1.467	0.826
06/18/2007	1.74	1.08315	02/16/2011	6.200	8.895	10/19/2014	1.500	0.931
06/19/2007	1.713	1.0594	02/17/2011	6.227	8.729	10/20/2014	1.533	1.193
06/20/2007	1.685	1.03	02/18/2011	6.255	13.828	10/21/2014	1.567	1.271
06/21/2007	1.658	1.0111	02/19/2011	6.282	11.476	10/22/2014	1.600	1.411
06/22/2007	1.63	0.9819	02/20/2011	6.310	10.645	10/23/2014	1.529	1.340
06/23/2007	1.603	0.94815	02/21/2011	6.337	10.064	10/24/2014	1.457	1.350
06/24/2007	1.575	0.9345	02/22/2011	6.365	9.918	10/25/2014	1.386	1.384
06/25/2007	1.548	0.93195	02/23/2011	6.392	37.221	10/26/2014	1.314	1.259
06/26/2007	1.52	0.9037	02/24/2011	6.419	46.065	10/27/2014	1.243	1.220
06/27/2007	1.493	0.8981	02/25/2011	6.447	23.244	10/28/2014	1.171	1.141
06/28/2007	1.465	0.84205	02/26/2011	6.474	15.342	10/29/2014	1.100	1.103
06/29/2007	1.438	0.81865	02/27/2011	6.502	13.211	10/30/2014	1.029	1.017
06/30/2007	1.41	0.8069	02/28/2011	6.529	12.770	10/31/2014	0.957	0.929
07/01/2007	1.383	0.7728	03/01/2011	6.557	12.694	11/01/2014	0.886	5.243
07/02/2007	1.355	0.765	03/02/2011	6.584	12.532	11/02/2014	0.814	2.516
07/03/2007	1.328	0.74655	03/03/2011	6.611	12.421	11/03/2014	0.743	1.726
07/04/2007	1.3	0.72065	03/04/2011	6.639	12.390	11/04/2014	0.671	1.498
07/05/2007	1.29	0.70995	03/05/2011	6.666	12.303	11/05/2014	0.600	1.323
07/06/2007	1.279	0.7002	03/06/2011	6.694	12.217	11/06/2014	0.605	1.227
07/07/2007	1.268	0.69185	03/07/2011	6.721	12.221	11/07/2014	0.609	1.122
07/08/2007	1.258	0.6954	03/08/2011	6.748	12.639	11/08/2014	0.614	1.079
07/09/2007	1.247	0.68925	03/09/2011	6.776	15.148	11/09/2014	0.618	0.945
07/10/2007	1.237	0.6845	03/10/2011	6.803	13.457	11/10/2014	0.623	0.878
07/11/2007	1.226	0.68305	03/11/2011	6.831	12.951	11/11/2014	0.627	0.810
07/12/2007	1.216	0.66345	03/12/2011	6.858	35.649	11/12/2014	0.632	1.055
07/13/2007	1.205	0.6553	03/13/2011	6.886	33.673	11/13/2014	0.636	2.463
07/14/2007	1.195	0.6511	03/14/2011	6.913	16.412	11/14/2014	0.641	1.886
07/15/2007	1.184	0.6424	03/15/2011	6.940	14.755	11/15/2014	0.646	1.595
07/16/2007	1.174	0.62475	03/16/2011	6.968	14.494	11/16/2014	0.650	1.442
07/17/2007	1.163	0.61655	03/17/2011	6.995	14.373	11/17/2014	0.655	1.347
07/18/2007	1.153	0.62005	03/18/2011	7.023	14.417	11/18/2014	0.659	1.308
07/19/2007	1.142	0.61455	03/19/2011	7.050	14.925	11/19/2014	0.664	1.202
07/20/2007	1.132	0.60065	03/20/2011	7.077	14.529	11/20/2014	0.668	1.084
07/21/2007	1.121	0.59165	03/21/2011	7.105	14.388	11/21/2014	0.673	1.046
07/22/2007	1.111	0.58215	03/22/2011	7.132	14.271	11/22/2014	0.677	1.082

07/23/2007	1.1	0.5737	03/23/2011	7.160	14.175	11/23/2014	0.682	1.070
07/24/2007	1.089	0.57055	03/24/2011	7.187	14.079	11/24/2014	0.686	0.991
07/25/2007	1.078	0.5685	03/25/2011	7.215	13.928	11/25/2014	0.691	0.971
07/26/2007	1.067	0.56415	03/26/2011	7.242	13.796	11/26/2014	0.696	0.951
07/27/2007	1.056	0.55955	03/27/2011	7.269	13.855	11/27/2014	0.700	1.071
07/28/2007	1.044	0.56305	03/28/2011	7.297	13.804	11/28/2014	0.705	3.209
07/29/2007	1.033	0.56415	03/29/2011	7.324	13.677	11/29/2014	0.709	2.065
07/30/2007	1.022	0.5441	03/30/2011	7.352	13.576	11/30/2014	0.714	1.692
07/31/2007	1.011	0.5371	03/31/2011	7.379	13.420	12/01/2014	0.718	1.638
08/01/2007	1	0.5237	04/01/2011	7.407	13.304	12/02/2014	0.723	1.590
08/02/2007	0.988	0.5155	04/02/2011	7.434	13.387	12/03/2014	0.727	1.547
08/03/2007	0.975	0.51155	04/03/2011	7.461	13.346	12/04/2014	0.732	1.462
08/04/2007	0.963	0.5094	04/04/2011	7.489	13.200	12/05/2014	0.736	1.378
08/05/2007	0.95	0.4911	04/05/2011	7.516	13.138	12/06/2014	0.741	1.357
08/06/2007	0.938	0.47955	04/06/2011	7.544	12.957	12/07/2014	0.746	1.306
08/07/2007	0.925	0.47725	04/07/2011	7.571	12.796	12/08/2014	0.750	1.276
08/08/2007	0.913	0.4697	04/08/2011	7.598	13.379	12/09/2014	0.755	1.271
08/09/2007	0.9	0.4546	04/09/2011	7.626	31.258	12/10/2014	0.759	1.226
08/10/2007	0.888	0.448	04/10/2011	7.653	14.947	12/11/2014	0.764	1.265
08/11/2007	0.875	0.4419	04/11/2011	7.681	13.591	12/12/2014	0.768	1.316
08/12/2007	0.863	0.43445	04/12/2011	7.708	13.249	12/13/2014	0.773	1.288
08/13/2007	0.85	0.4253	04/13/2011	7.736	13.058	12/14/2014	0.777	1.244
08/14/2007	0.838	0.4192	04/14/2011	7.763	12.927	12/15/2014	0.782	1.227
08/15/2007	0.825	0.41265	04/15/2011	7.790	12.765	12/16/2014	0.786	1.184
08/16/2007	0.813	0.40675	04/16/2011	7.818	12.599	12/17/2014	0.791	1.256
08/17/2007	0.8	0.40045	04/17/2011	7.845	12.443	12/18/2014	0.796	1.484
08/18/2007	0.796	0.39845	04/18/2011	7.873	12.332	12/19/2014	0.800	1.506
08/19/2007	0.792	0.39665	04/19/2011	7.900	12.205	12/20/2014	0.812	1.439
08/20/2007	0.788	0.3947	04/20/2011	7.800	11.950	12/21/2014	0.824	1.416
08/21/2007	0.783	0.3917	04/21/2011	7.700	11.785	12/22/2014	0.835	1.417
08/22/2007	0.779	0.3897	04/22/2011	7.600	11.555	12/23/2014	0.847	1.466
08/23/2007	0.775	0.3877	04/23/2011	7.500	11.365	12/24/2014	0.859	1.449
08/24/2007	0.771	0.3856	04/24/2011	7.400	11.155	12/25/2014	0.871	1.409
08/25/2007	0.767	0.38365	04/25/2011	7.300	10.970	12/26/2014	0.882	1.404
08/26/2007	0.763	0.3833	04/26/2011	7.200	10.780	12/27/2014	0.894	1.448
08/27/2007	0.758	0.3856	04/27/2011	7.100	10.555	12/28/2014	0.906	2.336
08/28/2007	0.754	0.37995	04/28/2011	7.000	10.360	12/29/2014	0.918	5.023
08/29/2007	0.75	0.3758	04/29/2011	6.900	10.180	12/30/2014	0.929	7.170
08/30/2007	0.746	0.3732	04/30/2011	6.800	9.990	12/31/2014	0.941	3.812
08/31/2007	0.742	0.3712	05/01/2011	6.700	9.845			
09/01/2007	0.738	0.3691	05/02/2011	6.600	9.670			
			05/03/2011	6.500	9.455			

Anexo C: Resultados de las variaciones de la cobertura vegetal en toda la cuenca

N	Antes y Luego de la cobertura 2001 – 2010 - 2021	Area (ha)
108	PAST - HAY - PAST	10161.7852
95	PAST - AGRL - PAST	4424.5672
72	HAY - HAY - PAST	4284.6370
79	HAY - PAST - PAST	3427.6440
78	HAY - PAST - HAY	3285.1957
107	PAST - HAY - HAY	2423.3055
114	PAST - PAST - HAY	2275.1473
121	PAST - RNGE - PAST	2167.1327
142	RNGE - HAY - HAY	1925.6155
21	AGRL - PAST - PAST	1858.7560
14	AGRL - HAY - PAST	1742.4979
143	RNGE - HAY - PAST	1642.6557
13	AGRL - HAY - HAY	1308.5111
2	AGRL - AGRL - PAST	1196.8928
20	AGRL - PAST - HAY	1139.5787
115	PAST - PAST - RNGE	1120.2418
140	RNGE - HAY - AGRL	906.9143
102	PAST - FRST - PAST	712.1388
149	RNGE - PAST - HAY	642.5748
1	AGRL - AGRL - HAY	600.9611
86	HAY - RNGE - PAST	563.6318
150	RNGE - PAST - PAST	555.6108
109	PAST - HAY - RNGE	539.1853
94	PAST - AGRL - HAY	524.2340
28	AGRL - RNGE - PAST	495.8859
3	AGRL - AGRL - RNGE	442.3549
92	PAST - AGRL - AGRL	401.2981
144	RNGE - HAY - RNGE	399.9819
11	AGRL - HAY - AGRL	371.7485
130	RNGE - AGRL - AGRL	363.9720
105	PAST - HAY - AGRL	363.6255
96	PAST - AGRL - RNGE	351.8422
62	HAY - AGRL - PAST	337.5152
15	AGRL - HAY - RNGE	325.7834

133	RNGE - AGRL - PAST	309.1652
93	PAST - AGRL - FRST	304.0856
0	AGRL - AGRL - FRST	303.5595
132	RNGE - AGRL - HAY	268.1942
22	AGRL - PAST - RNGE	262.6474
120	PAST - RNGE - HAY	259.4990
147	RNGE - PAST - AGRL	257.3815
4	AGRL - AGRL - URBN	239.7555
113	PAST - PAST - FRST	234.3766
73	HAY - HAY - RNGE	232.2649
134	RNGE - AGRL - RNGE	225.4250
70	HAY - HAY - AGRL	209.3909
80	HAY - PAST - RNGE	194.5063
61	HAY - AGRL - HAY	176.0087
122	PAST - RNGE - RNGE	152.5025
85	HAY - RNGE - HAY	139.3374
18	AGRL - PAST - AGRL	134.5343
51	FRST - PAST - PAST	133.5896
112	PAST - PAST - AGRL	126.0674
59	HAY - AGRL - AGRL	125.3782
16	AGRL - HAY - URBN	122.5743
27	AGRL - RNGE - HAY	109.4837
151	RNGE - PAST - RNGE	95.3902
173	WATR - PAST - HAY	93.9026
63	HAY - AGRL - RNGE	91.9948
145	RNGE - HAY - URBN	83.4795
167	WATR - HAY - HAY	83.3266
9	AGRL - FRST - PAST	73.1835
168	WATR - HAY - PAST	70.8933
110	PAST - HAY - URBN	63.3656
76	HAY - PAST - AGRL	60.5372
97	PAST - AGRL - URBN	55.8401
135	RNGE - AGRL - URBN	52.5679
119	PAST - RNGE - FRST	52.4286
39	FRST - AGRL - PAST	49.8699
29	AGRL - RNGE - RNGE	45.2156
100	PAST - FRST - FRST	45.0666

157	RNGE - RNGE - PAST	44.8787
106	PAST - HAY - FRST	43.4774
12	AGRL - HAY - FRST	39.6834
174	WATR - PAST - PAST	38.8829
116	PAST - PAST - URBN	37.9751
60	HAY - AGRL - FRST	37.7390
103	PAST - FRST - RNGE	36.9338
131	RNGE - AGRL - FRST	32.6071
19	AGRL - PAST - FRST	32.1170
23	AGRL - PAST - URBN	30.6623
127	PAST - WATR - PAST	30.5808
37	FRST - AGRL - FRST	28.4810
77	HAY - PAST - FRST	28.3601
74	HAY - HAY - URBN	27.5630
101	PAST - FRST - HAY	24.8773
7	AGRL - FRST - FRST	24.8112
68	HAY - FRST - PAST	23.9249
111	PAST - HAY - WATR	23.3763
159	WATR - AGRL - AGRL	17.6209
152	RNGE - PAST - URBN	17.5873
87	HAY - RNGE - RNGE	16.3488
175	WATR - PAST - RNGE	15.8130
26	AGRL - RNGE - FRST	15.7334
49	FRST - PAST - FRST	15.4451
71	HAY - HAY - FRST	14.7929
64	HAY - AGRL - URBN	13.9644
156	RNGE - RNGE - HAY	13.8123
81	HAY - PAST - URBN	13.7731
141	RNGE - HAY - FRST	12.8427
117	PAST - PAST - WATR	12.1239
161	WATR - AGRL - HAY	11.4809
169	WATR - HAY - RNGE	11.4588
162	WATR - AGRL - PAST	10.2565
165	WATR - HAY - AGRL	9.4703
118	PAST - RNGE - AGRL	8.3911
98	PAST - AGRL - WATR	8.2743
25	AGRL - RNGE - AGRL	8.2549

163	WATR - AGRL - RNGE	8.1647
56	FRST - RNGE - PAST	8.0651
42	FRST - FRST - PAST	7.8698
84	HAY - RNGE - FRST	7.1128
8	AGRL - FRST - HAY	6.8222
52	FRST - PAST - RNGE	6.3229
5	AGRL - AGRL - WATR	6.2810
146	RNGE - HAY - WATR	6.2745
10	AGRL - FRST - RNGE	6.0268
40	FRST - AGRL - RNGE	6.0156
30	AGRL - RNGE - URBN	5.5738
46	FRST - HAY - PAST	5.3454
148	RNGE - PAST - FRST	4.8711
160	WATR - AGRL - FRST	4.5792
17	AGRL - HAY - WATR	4.2555
67	HAY - FRST - HAY	4.0120
24	AGRL - PAST - WATR	3.7939
50	FRST - PAST - HAY	3.5027
171	WATR - PAST - AGRL	3.1914
123	PAST - RNGE - URBN	2.7854
35	AGRL - WATR - PAST	2.6825
136	RNGE - AGRL - WATR	2.4835
170	WATR - HAY - URBN	2.4085
154	RNGE - RNGE - AGRL	2.1331
83	HAY - RNGE - AGRL	2.0886
75	HAY - HAY - WATR	1.7523
153	RNGE - PAST - WATR	1.6148
54	FRST - RNGE - FRST	1.5929
166	WATR - HAY - FRST	1.3336
38	FRST - AGRL - HAY	1.2487
139	RNGE - FRST - PAST	1.2391
69	HAY - FRST - RNGE	1.2138
126	PAST - WATR - HAY	1.1808
155	RNGE - RNGE - FRST	1.1749
124	PAST - RNGE - WATR	1.1569
66	HAY - FRST - FRST	1.1562
164	WATR - AGRL - URBN	1.0100

82	HAY - PAST - WATR	0.9986
34	AGRL - WATR - HAY	0.9813
176	WATR - PAST - URBN	0.9287
125	PAST - WATR - FRST	0.7275
43	FRST - FRST - RNGE	0.6440
57	FRST - RNGE - RNGE	0.5012
48	FRST - PAST - AGRL	0.4004
181	WATR - RNGE - RNGE	0.3541
172	WATR - PAST - FRST	0.3424
55	FRST - RNGE - HAY	0.3322
91	HAY - WATR - PAST	0.2782
65	HAY - AGRL - WATR	0.2191
177	WATR - RNGE - AGRL	0.2007
128	PAST - WATR - RNGE	0.1836
129	PAST - WATR - WATR	0.1443
6	AGRL - FRST - AGRL	0.1242
88	HAY - RNGE - URBN	0.1091
44	FRST - HAY - AGRL	0.1061
90	HAY - WATR - HAY	0.1051
180	WATR - RNGE - PAST	0.1042
99	PAST - FRST - AGRL	0.1005
58	FRST - WATR - PAST	0.0942
32	AGRL - WATR - AGRL	0.0773
47	FRST - HAY - URBN	0.0761
36	FRST - AGRL - AGRL	0.0734
158	RNGE - RNGE - URBN	0.0729
138	RNGE - FRST - HAY	0.0598
179	WATR - RNGE - HAY	0.0587
53	FRST - PAST - URBN	0.0468
45	FRST - HAY - HAY	0.0334
178	WATR - RNGE - FRST	0.0223
104	PAST - FRST - URBN	0.0217
31	AGRL - RNGE - WATR	0.0099
33	AGRL - WATR - FRST	0.0095
41	FRST - FRST - HAY	0.0075
89	HAY - WATR - AGRL	0.0049