

| Data de Medição | Eletrobras CGTEE | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------|--|--------------------|--|------------------------------|--|-------------|--|-----------------------------|--|--------------------------|--|----------------------------|--|-------------|--|-----------------------|--|------------------|--|---------------------|------|
| | Estação 5 - Azequá | | | | | | | | | | | | | | | | | | | | | |
| | Qualidade do Ar | | | | | | | | Meteorologia | | | | | | | | | | | | | |
| | Ar Ambiente | | | | | | | | Clima e Meteorologia | | | | | | | | | | | | | |
| | Dióxido de Nitrogênio | | Dióxido de Enxofre | | Partículas Inaláveis (<10µm) | | Ozônio | | Velocidade Escalar do Vento | | Direção Escalar do Vento | | Precipitação Pluviométrica | | Temperatura | | Radiação Solar Global | | Umidade Relativa | | Pressão Atmosférica | |
| Frequência Horária com amostra de 1 Hora a 3.0 m | | Frequência Horária com amostra de 1 Hora a 3.0 m | | Frequência Horária com amostra de 1 Hora a 3.0 m | | Frequência Horária com amostra de 1 Hora a 3.0 m | | Frequência Horária com amostra de 1 Hora a 6.0 m | | Frequência Horária com amostra de 1 Hora a 6.0 m | | Frequência Horária com amostra de 1 Hora a 1.0 m | | Frequência Horária com amostra de 1 Hora a 1.0 m | | Frequência Horária com amostra de 1 Hora a 1.0 m | | Frequência Horária com amostra de 1 Hora a 1.0 m | | Frequência Horária com amostra de 1 Hora a 2.0 m | | |
| Rotina | | Rotina | | Rotina | | Rotina | | Rotina | | Rotina | | Rotina | | Rotina | | Rotina | | Rotina | | Rotina | | |
| Data | Valor [ppm] | Flag | Valor [ppm] | Flag | Valor [µg/m3] | Flag | Valor [ppm] | Flag | Valor [m/s] | Flag | Valor [°] | Flag | Valor [mm] | Flag | Valor [C] | Flag | Valor [W/m2] | Flag | Valor [%] | Flag | Valor [mbar] | Flag |
| 01/01/2012 00:30 | 0.0015 | | 0.0031 | | 6 | | 0.0239 | | 5,85 | | 107,46 | | 0 | | 17,11 | | 9,09 | | 86,05 | | 984,867 | |
| 01/01/2012 01:30 | 0.0015 | | 0.0031 | | 6 | | 0.0202 | | 5,76 | | 116,38 | | 0 | | 16,96 | | 9,1 | | 91,15 | | 984,538 | |
| 01/01/2012 02:30 | 0.0015 | | 0.0031 | | 9 | | 0.0176 | | 6,54 | | 115,09 | | 0 | | 17,56 | | 9,12 | | 91,16 | | 983,777 | |
| 01/01/2012 03:30 | 0.0014 | | 0.0031 | | 10 | | 0.0188 | | 6,78 | | 108,57 | | 0 | | 17,95 | | 9,12 | | 87,48 | | 983,904 | |
| 01/01/2012 04:30 | 0.0014 | | 0.0031 | | 6 | | 0.0217 | | 6,7 | | 114,04 | | 0 | | 17,38 | | 9,16 | | 86,55 | | 984,384 | |
| 01/01/2012 05:30 | 0.0014 | | 0.0031 | | 5 | | 0.0228 | | 6,46 | | 121,17 | | 0 | | 16,88 | | 13,44 | | 87,61 | | 985,044 | |
| 01/01/2012 06:30 | 0.0014 | | 0.0031 | | 6 | | 0.0211 | | 6,2 | | 120,98 | | 0 | | 17,15 | | 104,33 | | 92,76 | | 985,486 | |
| 01/01/2012 07:30 | 0.0014 | | 0.0032 | | 8 | | 0.0204 | | 7,66 | | 109,36 | | 0 | | 18,3 | | 291,23 | | 89,13 | | 985,602 | |
| 01/01/2012 08:30 | 0.0014 | | 0.0031 | | 9 | | 0.0183 | | 7,88 | | 107,86 | | 0 | | 19,18 | | 297,39 | | 87,13 | | 985,854 | |
| 01/01/2012 09:30 | 0.0014 | | 0.0031 | | 9 | | 0.0201 | | 7,36 | | 109,41 | | 0 | | 20,91 | | 331,82 | | 78,12 | | 986,049 | |
| 01/01/2012 10:30 | 0.0015 | | 0.0032 | | 10 | | 0.0207 | | 7,43 | | 109,24 | | 0 | | 21,11 | | 255,39 | | 76,4 | | 986,249 | |
| 01/01/2012 11:30 | 0.0013 | | 0.0032 | | 10 | | 0.0202 | | 6,99 | | 100,33 | | 0,2 | | 21,05 | | 546,59 | | 81,48 | | 986,127 | |
| 01/01/2012 12:30 | 0.0013 | | 0.0032 | | 8 | | 0.0204 | | 5,97 | | 108,23 | | 1,2 | | 20,65 | | 484,89 | | 86,59 | | 985,852 | |
| 01/01/2012 13:30 | 0.0014 | | 0.0032 | | 9 | | 0.0215 | | 6,56 | | 110,44 | | 0,6 | | 22,56 | | 544,19 | | 74,59 | | 985,344 | |
| 01/01/2012 14:30 | 0.0014 | | 0.0032 | | 10 | | 0.0234 | | 8,62 | | 110,26 | | 0 | | 23,54 | | 890,48 | | 63,93 | | 984,872 | |
| 01/01/2012 15:30 | 0.0014 | | 0.0032 | | 12 | | 0.0249 | | 7,43 | | 120,13 | | 0 | | 25,17 | | 806,82 | | 58,56 | | 984,356 | |
| 01/01/2012 16:30 | 0.0014 | | 0.0032 | | 16 | | 0.0252 | | 7,97 | | 112,85 | | 0 | | 24,94 | | 475,31 | | 57,36 | | 983,845 | |
| 01/01/2012 17:30 | 0.0015 | | 0.0032 | | 15 | | 0.0242 | | 7,28 | | 111,98 | | 0 | | 24,57 | | 285,6 | | 56,89 | | 983,869 | |
| 01/01/2012 18:30 | 0.0014 | | 0.0031 | | 16 | | 0.0219 | | 7,59 | | 120,77 | | 0 | | 23,95 | | 191,65 | | 59,56 | | 983,908 | |
| 01/01/2012 19:30 | 0.0017 | | 0.0032 | | 18 | | 0.0204 | | 6,42 | | 115,13 | | 0 | | 22,18 | | 32,8 | | 64,46 | | 984,278 | |
| 01/01/2012 20:30 | 0.0018 | | 0.0032 | | 16 | | 0.0182 | | 5,91 | | 116,49 | | 0 | | 20,48 | | 8,04 | | 73,88 | | 984,998 | |
| 01/01/2012 21:30 | 0.0018 | | 0.0032 | | 16 | | 0.0169 | | 5,33 | | 124,02 | | 0 | | 19,17 | | 7,66 | | 80,05 | | 985,663 | |
| 01/01/2012 22:30 | 0.0018 | | 0.0032 | | 13 | | 0.0156 | | 5,89 | | 117,05 | | 0 | | 18,07 | | 7,14 | | 84,98 | | 985,696 | |
| 01/01/2012 23:30 | 0.0017 | | 0.0032 | | 13 | | 0.0152 | | 5,28 | | 110,96 | | 0 | | 17,29 | | 6,7 | | 88,42 | | 985,776 | |
| 02/01/2012 00:30 | 0.0018 | | 0.0032 | | 16 | | 0.0147 | | 4,62 | | 109,7 | | 0 | | 16,69 | | 6,61 | | 91,01 | | 985,427 | |
| 02/01/2012 01:30 | 0.0017 | | 0.0032 | | 16 | | 0.0151 | | 4,59 | | 115,83 | | 0 | | 16,67 | | 7,05 | | 91,54 | | 984,87 | |
| 02/01/2012 02:30 | 0.0018 | | 0.0031 | | 11 | | 0.0139 | | 3,88 | | 152,77 | | 0 | | 16,03 | | 6,81 | | 93,43 | | 984,58 | |
| 02/01/2012 03:30 | 0.0018 | | 0.0031 | | 16 | | 0.0142 | | 4,23 | | 153,15 | | 0 | | 15,73 | | 6,74 | | 95,49 | | 984,356 | |
| 02/01/2012 04:30 | 0.0017 | | 0.0031 | | 13 | | 0.0149 | | 3,95 | | 126,26 | | 0 | | 15,99 | | 7,05 | | 96,46 | | 984,397 | |
| 02/01/2012 05:30 | 0.0016 | | 0.0032 | | 12 | | 0.0154 | | 4,06 | | 125,32 | | 0 | | 16,15 | | 15,33 | | 96,57 | | 984,553 | |
| 02/01/2012 06:30 | 0.0015 | | 0.0032 | | 985 | | 0.0155 | | 4,01 | | 135,94 | | 0 | | 16,36 | | 139,76 | | 96,05 | | 984,696 | |
| 02/01/2012 07:30 | 0.0014 | | 0.0032 | | 985 | IE | 0.016 | | 3,52 | | 138,27 | | 0 | | 17,15 | | 252,81 | | 94,21 | | 985,055 | |
| 02/01/2012 08:30 | 0.0013 | | 0.0032 | | 21 | | 0.0187 | | 3,8 | | 124,61 | | 0 | | 19,28 | | 527,7 | | 85,14 | | 985,331 | |
| 02/01/2012 09:30 | 0.0013 | | 0.0032 | | 10 | | 0.021 | | 3,75 | | 97,69 | | 0 | | 20,79 | | 658,06 | | 73,61 | | 985,43 | |
| 02/01/2012 10:30 | 0.0014 | | 0.0032 | | 17 | | 0.0219 | | 3,5 | | 91,33 | | 0 | | 21,97 | | 751,59 | | 68,44 | | 985,25 | |
| 02/01/2012 11:30 | 0.0014 | | 0.0032 | | 26 | | 0.0235 | | 3,36 | | 146,71 | | 0 | | 23,53 | | 897,84 | | 56,86 | | 984,713 | |
| 02/01/2012 12:30 | 0.0013 | | 0.0032 | | 8 | | 0.0254 | | 4,38 | | 130,21 | | 0 | | 24,89 | | 1035,66 | | 46,93 | | 983,964 | |
| 02/01/2012 13:30 | 0.0014 | | 0.0032 | | 17 | | 0.0272 | | 4,51 | | 145,2 | | 0 | | 25,98 | | 982,87 | | 43,5 | | 983,554 | |
| 02/01/2012 14:30 | 0.0014 | | 0.0032 | | 16 | | 0.0278 | | 4,26 | | 152 | | 0 | | 26,76 | | 947,6 | | 41,28 | | 983,03 | |
| 02/01/2012 15:30 | 0.0014 | | 0.0032 | | 23 | | 0.0289 | | 4,27 | | 151,95 | | 0 | | 27,34 | | 803,21 | | 38,97 | | 982,491 | |
| 02/01/2012 16:30 | 0.0014 | | 0.0032 | | 21 | | 0.029 | | 4,32 | | 151,81 | | 0 | | 27,86 | | 619,4 | | 37,43 | | 982,031 | |
| 02/01/2012 17:30 | 0.0015 | | 0.0032 | | 26 | | 0.0296 | | 4,56 | | 145,22 | | 0 | | 27,63 | | 409,66 | | 36,54 | | 981,862 | |
| 02/01/2012 18:30 | 0.0016 | | 0.0032 | | 32 | | 0.0281 | | 4,76 | | 130,17 | | 0 | | 26,82 | | 196,16 | | 38,68 | | 981,951 | |
| 02/01/2012 19:30 | 0.0017 | | 0.0032 | | 27 | | 0.0256 | | 3,2 | | 115,82 | | 0 | | 24,94 | | 31,99 | | 46,73 | | 982,468 | |
| 02/01/2012 20:30 | 0.0022 | | 0.0032 | | 23 | | 0.0239 | | 3,01 | | 115,34 | | 0 | | 23,13 | | 8,18 | | 55,9 | | 983,042 | |
| 02/01/2012 21:30 | 0.0018 | | 0.0032 | | 20 | | 0.0242 | | 2,91 | | 114,33 | | 0 | | 22,36 | | 7,61 | | 58,04 | | 983,121 | |
| 02/01/2012 22:30 | 0.0018 | | 0.0032 | | 16 | | 0.0222 | | 2,64 | | 106 | | 0 | | 21,19 | | 7,19 | | 65,77 | | 983,201 | |
| 02/01/2012 23:30 | 0.0018 | | 0.0032 | | 16 | | 0.0198 | | 2,44 | | 98,49 | | 0 | | 20,16 | | 7,19 | | 73,04 | | 983,084 | |
| 03/01/2012 00:30 | 0.002 | | 0.0032 | | 13 | | 0.018 | | 1,91 | | 87,79 | | 0 | | 19,36 | | 6,96 | | 78,01 | | 982,744 | |
| 03/01/2012 01:30 | 0.002 | | 0.0032 | | 12 | | 0.0173 | | 1,5 | | 78,84 | | 0 | | 18,84 | | 6,77 | | 80,79 | | 982,184 | |
| 03/01/2012 02:30 | 0.0031 | | 0.0033 | | 23 | | 0.0167 | | 0,98 | | 44,52 | | 0 | | 18,68 | | 6,76 | | 81 | | 981,872 | |
| 03/01/2012 03:30 | 0.0025 | | 0.0033 | | 17 | | 0.0169 | | 1,37 | | 315,27 | | 0 | | 18,68 | | 6,21 | | 79,75 | | 981,907 | |
| 03/01/2012 04:30 | 0.0023 | | 0.0034 | | 19 | | 0.0175 | | 2,29 | | 270,49 | | 0 | | 18,84 | | 6,21 | | 77,3 | | 982,132 | |
| 03/01/2012 05:30 | 0.0027 | | 0.005 | | 23 | | 0.0187 | | 2,16 | | 238,84 | | 0 | | 19,67 | | 12,85 | | 72,1 | | 982,465 | |
| 03/01/2012 06:30 | 0.0028 | | 0.0052 | | 27 | | 0.0168 | | 1,24 | | 274,24 | | 0 | | 20,08 | | 123,65 | | 71,13 | | 982,857 | |
| 03/01/2012 07:30 | 0.0024 | | 0.0038 | | 28 | | 0.0192 | | 2,22 | | 302,15 | | 0 | | 20,35 | | 341,49 | | 72,8 | | 983,332 | |
| 03/01/2012 08:30 | 0.0021 | | 0.0035 | | 28 | | 0.0242 | | 3,1 | | 296,25 | | 0 | | 22,6 | | 470,03 | | 61,77 | | 983,389 | |
| 03/01/2012 09:30 | 0.0017 | | 0.0034 | | 32 | | 0.0282 | | 3,38 | | 233,55 | | 0 | | 24,69 | | 701,32 | | 52,11 | | 983,347 | |
| 03/01/2012 10:30 | 0.0019 | | 0.0033 | | 36 | | 0.0331 | | 3,7 | | 213,14 | | 0 | | 25,44 | | 888,6 | | 53,42 | | 983,382 | |
| 03/01/2012 11:30 | 0.0017 | | 0.0034 | | 24 | | 0.0327 | | 4,13 | | 190,78 | | 0 | | 26,46 | | 985,62 | | 50,08 | | 983,424 | |
| 03/01/2012 12:30 | 0.0018 | | 0.0034 | | 26 | | 0.0302 | | 4,15 | | 182,16 | | 0 | | 27,38 | | 1026,45 | | 41,49 | | 983,356 | |
| 03/01/2012 13:30 | 0.0016 | | 0.0033 | | 34 | | 0.0305 | | 4,4 | | 181,77 | | 0 | | 27,92 | | 1015,7 | | 37,1 | | 983,184 | |
| 03/01/2012 14:30 | 0.0018 | | 0.0033 | | 31 | | 0.0301 | | 4,31 | | 178,06 | | 0 | | 28,5 | | 945,24 | | 34,14 | | 982,905 | |
| 03/01/2012 15:30 | 0.0017 | | 0.0033 | | 27 | | 0.0292 | | 4,39 | | 173,35 | | 0 | | 29,13 | | 802,84 | | 29,81 | | 982,566 | |
| 03/01/2012 16:30 | 0.0018 | | 0.0033 | | 24 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|------------------|--------|--------|----|--------|------|--------|---|-------|---------|-------|---------|
| 05/01/2012 16:30 | 0.0014 | 0.0034 | 14 | 0.0291 | 5,63 | 107,61 | 0 | 27,19 | 629,42 | 34,87 | 984,397 |
| 05/01/2012 17:30 | 0.0014 | 0.0034 | 21 | 0.0312 | 5,64 | 111,97 | 0 | 26,81 | 416,77 | 36,92 | 983,814 |
| 05/01/2012 18:30 | 0.0014 | 0.0034 | 33 | 0.0304 | 5,79 | 104,77 | 0 | 25,92 | 204,9 | 40,56 | 983,825 |
| 05/01/2012 19:30 | 0.0016 | 0.0035 | 39 | 0.0283 | 5,23 | 106,89 | 0 | 23,81 | 35,1 | 48,72 | 984,225 |
| 05/01/2012 20:30 | 0.0017 | 0.0034 | 19 | 0.0251 | 4,92 | 114,05 | 0 | 21,63 | 7,81 | 56,28 | 984,666 |
| 05/01/2012 21:30 | 0.0016 | 0.0033 | 13 | 0.0215 | 4,93 | 100,85 | 0 | 19,92 | 7,43 | 64,52 | 985,144 |
| 05/01/2012 22:30 | 0.0016 | 0.0033 | 12 | 0.0203 | 4,15 | 93,93 | 0 | 18,42 | 7,04 | 72,26 | 985,403 |
| 05/01/2012 23:30 | 0.0019 | 0.0033 | 21 | 0.0198 | 4,32 | 93,08 | 0 | 17,39 | 6,93 | 76,23 | 985,338 |
| 06/01/2012 00:30 | 0.0019 | 0.0033 | 16 | 0.018 | 3,72 | 87,94 | 0 | 16,32 | 6,69 | 81,78 | 985,135 |
| 06/01/2012 01:30 | 0.0019 | 0.0033 | 14 | 0.0172 | 2,48 | 86,83 | 0 | 15,88 | 6,51 | 85,15 | 984,82 |
| 06/01/2012 02:30 | 0.0017 | 0.0033 | 12 | 0.0174 | 2,61 | 86,97 | 0 | 15,97 | 6,6 | 86,09 | 984,304 |
| 06/01/2012 03:30 | 0.004 | 0.0068 | 17 | 0.0146 | 2,54 | 87,43 | 0 | 15,83 | 6,33 | 86,9 | 984,079 |
| 06/01/2012 04:30 | 0.0054 | 0.0062 | 14 | 0.0128 | 2,97 | 107,11 | 0 | 15,82 | 6,59 | 85,87 | 984,093 |
| 06/01/2012 05:30 | 0.0028 | 0.0036 | 14 | 0.0162 | 3,01 | 110,45 | 0 | 16,12 | 13,02 | 83,32 | 984,341 |
| 06/01/2012 06:30 | 0.0019 | 0.0035 | 13 | 0.0168 | 2,54 | 115,91 | 0 | 16,7 | 128,5 | 82,44 | 985,007 |
| 06/01/2012 07:30 | 0.0013 | 0.0034 | 13 | 0.0186 | 2,82 | 102,28 | 0 | 18,66 | 344,8 | 76,38 | 985,383 |
| 06/01/2012 08:30 | 0.0022 | 0.0202 | 24 | 0.0189 | 2,84 | 69 | 0 | 20,25 | 564,19 | 72,78 | 985,463 |
| 06/01/2012 09:30 | 0.0023 | 0.016 | 27 | 0.0221 | 1,71 | 86,31 | 0 | 23,11 | 766,15 | 53,76 | 985,429 |
| 06/01/2012 10:30 | 0.0015 | 0.0038 | 23 | 0.0233 | 2,63 | 115,22 | 0 | 25,34 | 919,57 | 38,01 | 985,498 |
| 06/01/2012 11:30 | 0.0012 | 0.0034 | 16 | 0.0231 | 3,56 | 124,62 | 0 | 26,45 | 1012,09 | 31,58 | 985,368 |
| 06/01/2012 12:30 | 0.0024 | 0.0038 | 16 | 0.0243 | 4,01 | 132,06 | 0 | 27,79 | 1033,47 | 30,33 | 985,08 |
| 06/01/2012 13:30 | 0.0021 | 0.0037 | 76 | 0.0309 | 4,48 | 138,36 | 0 | 29,05 | 1006,43 | 29,07 | 984,606 |
| 06/01/2012 14:30 | 0.0014 | 0.0034 | 23 | 0.0314 | 4,44 | 155,65 | 0 | 30,34 | 927,02 | 27,28 | 984,117 |
| 06/01/2012 15:30 | 0.0014 | 0.0034 | 51 | 0.0417 | 5,39 | 147,36 | 0 | 31,14 | 790,04 | 26,12 | 983,544 |
| 06/01/2012 16:30 | 0.0014 | 0.0034 | 30 | 0.0428 | 5,29 | 143,97 | 0 | 31,43 | 606,26 | 26,74 | 983,198 |
| 06/01/2012 17:30 | 0.0013 | 0.0034 | 36 | 0.0424 | 4,58 | 129,53 | 0 | 31,77 | 397,03 | 26,81 | 982,884 |
| 06/01/2012 18:30 | 0.0015 | 0.0034 | 24 | 0.0393 | 3,76 | 106,02 | 0 | 31,1 | 187,94 | 29,82 | 982,831 |
| 06/01/2012 19:30 | 0.0018 | 0.0034 | 37 | 0.0357 | 2,72 | 93,35 | 0 | 32,24 | 32,24 | 35,65 | 983,155 |
| 06/01/2012 20:30 | 0.0018 | 0.0035 | 41 | 0.0369 | 3,48 | 116,59 | 0 | 27,37 | 8,41 | 37,44 | 983,923 |
| 06/01/2012 21:30 | 0.0019 | 0.0035 | 44 | 0.0446 | 7,06 | 146,41 | 0 | 24,04 | 8,04 | 64,73 | 985,443 |
| 06/01/2012 22:30 | 0.0017 | 0.0035 | 31 | 0.0463 | 7,83 | 138,43 | 0 | 21,39 | 7,01 | 82,97 | 986,238 |
| 06/01/2012 23:30 | 0.0016 | 0.0034 | 30 | 0.0407 | 7,51 | 137,73 | 0 | 20,52 | 6,77 | 84,95 | 986,956 |
| 07/01/2012 00:30 | 0.0015 | 0.0034 | 33 | 0.0349 | 6,81 | 131,04 | 0 | 20,45 | 6,72 | 85,06 | 987,457 |
| 07/01/2012 01:30 | 0.0016 | 0.0034 | 31 | 0.0329 | 6,76 | 126,46 | 0 | 20,2 | 6,74 | 87,4 | 987,556 |
| 07/01/2012 02:30 | 0.0016 | 0.0033 | 30 | 0.0323 | 6,62 | 121,47 | 0 | 19,58 | 6,68 | 90,42 | 987,366 |
| 07/01/2012 03:30 | 0.0017 | 0.0033 | 21 | 0.0302 | 5,47 | 121,71 | 0 | 19,11 | 6,4 | 92,56 | 987,528 |
| 07/01/2012 04:30 | 0.0017 | 0.0033 | 20 | 0.0269 | 5,03 | 131,37 | 0 | 18,65 | 7,11 | 93,82 | 987,992 |
| 07/01/2012 05:30 | 0.0016 | 0.0033 | 20 | 0.0245 | 5,02 | 134,5 | 0 | 18,34 | 11,65 | 96,25 | 988,433 |
| 07/01/2012 06:30 | 0.0016 | 0.0033 | 31 | 0.0205 | 4,82 | 132,78 | 0 | 18,73 | 115,47 | 94,52 | 988,863 |
| 07/01/2012 07:30 | 0.0014 | 0.0033 | 29 | 0.0194 | 5,69 | 117,21 | 0 | 19,95 | 225,9 | 85,23 | 989,362 |
| 07/01/2012 08:30 | 0.0013 | 0.0033 | 36 | 0.0219 | 6,77 | 107,2 | 0 | 21,13 | 412,77 | 74,4 | 989,484 |
| 07/01/2012 09:30 | 0.0012 | 0.0033 | 30 | 0.0221 | 6,34 | 107,04 | 0 | 22,31 | 647,63 | 67,06 | 989,504 |
| 07/01/2012 10:30 | 0.0012 | 0.0033 | 40 | 0.0228 | 6,37 | 108,71 | 0 | 23,43 | 804,89 | 60,49 | 989,371 |
| 07/01/2012 11:30 | 0.0012 | 0.0033 | 38 | 0.023 | 7,09 | 101,19 | 0 | 24,89 | 982 | 54,18 | 988,785 |
| 07/01/2012 12:30 | 0.0012 | 0.0033 | 30 | 0.0235 | 7,3 | 104,36 | 0 | 26,17 | 1019,26 | 48,6 | 988,302 |
| 07/01/2012 13:30 | 0.0012 | 0.0033 | 36 | 0.0215 | 6,85 | 105,16 | 0 | 27,18 | 1005,53 | 45,41 | 987,796 |
| 07/01/2012 14:30 | 0.0013 | 0.0033 | 33 | 0.0214 | 6,78 | 113,41 | 0 | 27,81 | 939,01 | 43,31 | 987,394 |
| 07/01/2012 15:30 | 0.0012 | 0.0033 | 43 | 0.0213 | 6,92 | 119,17 | 0 | 27,9 | 794,2 | 43 | 987,112 |
| 07/01/2012 16:30 | 0.0012 | 0.0033 | 44 | 0.0209 | 7,3 | 115,22 | 0 | 27,16 | 549,2 | 46,12 | 986,904 |
| 07/01/2012 17:30 | 0.0012 | 0.0033 | 51 | 0.021 | 6,98 | 114,83 | 0 | 26,6 | 411,54 | 47,59 | 986,692 |
| 07/01/2012 18:30 | 0.0012 | 0.0033 | 57 | 0.0218 | 7,57 | 113,85 | 0 | 25,07 | 195,58 | 53,38 | 986,859 |
| 07/01/2012 19:30 | 0.0013 | 0.0033 | 41 | 0.0211 | 7,52 | 111,21 | 0 | 22,9 | 34,19 | 62,76 | 987,428 |
| 07/01/2012 20:30 | 0.0015 | 0.0033 | 33 | 0.0199 | 7,04 | 112,93 | 0 | 20,97 | 8,01 | 71,41 | 988,102 |
| 07/01/2012 21:30 | 0.0016 | 0.0033 | 29 | 0.019 | 6,9 | 108,62 | 0 | 19,62 | 7,81 | 77,67 | 988,681 |
| 07/01/2012 22:30 | 0.0016 | 0.0033 | 28 | 0.0188 | 6,57 | 100,28 | 0 | 18,83 | 7,16 | 81,99 | 989,318 |
| 07/01/2012 23:30 | 0.0017 | 0.0034 | 26 | 0.0182 | 5,74 | 103,01 | 0 | 18,15 | 7,13 | 86,73 | 989,482 |
| 08/01/2012 00:30 | 0.0018 | 0.0033 | 27 | 0.0169 | 5,02 | 108,35 | 0 | 17,55 | 6,93 | 90,22 | 989,251 |
| 08/01/2012 01:30 | 0.0017 | 0.0033 | 27 | 0.0168 | 4,98 | 108,42 | 0 | 17,33 | 6,91 | 92,45 | 988,728 |
| 08/01/2012 02:30 | 0.0017 | 0.0033 | 30 | 0.0166 | 4,52 | 105,06 | 0 | 17,25 | 6,76 | 92,88 | 988,453 |
| 08/01/2012 03:30 | 0.0017 | 0.0033 | 27 | 0.0165 | 4,65 | 103,44 | 0 | 17,42 | 6,58 | 93,86 | 987,994 |
| 08/01/2012 04:30 | 0.0017 | 0.0033 | 20 | 0.0159 | 4,71 | 110,17 | 0 | 17,36 | 7 | 94,77 | 987,898 |
| 08/01/2012 05:30 | 0.0017 | 0.0033 | 18 | 0.015 | 4,48 | 108,96 | 0 | 17,45 | 12,83 | 95,06 | 988,07 |
| 08/01/2012 06:30 | 0.0017 | 0.0033 | 16 | 0.015 | 5,07 | 108,11 | 0 | 18,18 | 115,17 | 93,51 | 988,41 |
| 08/01/2012 07:30 | 0.0015 | 0.0033 | 17 | 0.017 | 5,87 | 97,69 | 0 | 19,99 | 309,11 | 87,09 | 988,563 |
| 08/01/2012 08:30 | 0.0014 | 0.0034 | 20 | 0.0203 | 6,84 | 76 | 0 | 22,37 | 516,65 | 77,2 | 988,213 |
| 08/01/2012 09:30 | 0.0017 | 0.0062 | 22 | 0.0285 | 6,35 | 60,27 | 0 | 25,36 | 715,17 | 63 | 987,929 |
| 08/01/2012 10:30 | 0.0021 | 0.013 | 29 | 0.037 | 5,98 | 44,53 | 0 | 27,72 | 834,78 | 54,77 | 987,797 |
| 08/01/2012 11:30 | 0.0016 | 0.0078 | 22 | 0.0376 | 4,93 | 29,95 | 0 | 29,66 | 915,04 | 48,35 | 987,346 |
| 08/01/2012 12:30 | 0.0014 | 0.0039 | 12 | 0.0366 | 4,62 | 38,58 | 0 | 30,69 | 997,54 | 45,35 | 986,715 |
| 08/01/2012 13:30 | 0.0014 | 0.0034 | 16 | 0.0376 | 4,32 | 45,35 | 0 | 31,97 | 960,53 | 40,59 | 985,973 |
| 08/01/2012 14:30 | 0.0014 | 0.0034 | 13 | 0.0385 | 4,44 | 56,91 | 0 | 32,92 | 896,07 | 37,18 | 985,301 |
| 08/01/2012 15:30 | 0.0014 | 0.0034 | 13 | 0.0389 | 3,89 | 36,85 | 0 | 33,46 | 668,14 | 33,12 | 984,575 |
| 08/01/2012 16:30 | 0.0013 | 0.0033 | 16 | 0.0389 | 3,2 | 11,04 | 0 | 34,24 | 623,28 | 30,05 | 983,818 |
| 08/01/2012 17:30 | 0.0013 | 0.0039 | 23 | 0.0392 | 5,11 | 71,44 | 0 | 33,73 | 442,33 | 33,23 | 983,139 |
| 08/01/2012 18:30 | 0.0014 | 0.0035 | 28 | 0.0351 | 7,68 | 83,22 | 0 | 31,4 | 159,14 | 42,73 | 983,143 |
| 08/01/2012 19:30 | 0.0014 | 0.0034 | 31 | 0.0321 | 7,99 | 86,14 | 0 | 28,62 | 34,03 | 53,19 | 983,705 |
| 08/01/2012 20:30 | 0.0014 | 0.0034 | 22 | 0.0296 | 7,7 | 79,72 | 0 | 26,25 | 8,21 | 60,97 | 984,444 |
| 08/01/2012 21:30 | 0.0014 | 0.0034 | 17 | 0.0273 | 7,19 | 74,8 | 0 | 24,49 | 8,23 | 67,78 | 985,456 |
| 08/01/2012 22:30 | 0.0017 | 0.0034 | 25 | 0.0253 | 6,54 | 58,35 | 0 | 23,3 | 7,98 | 72,14 | 986,406 |
| 08/01/2012 23:30 | 0.0032 | 0.0037 | 25 | 0.0228 | 6,77 | 60,57 | 0 | 22,23 | 7,74 | 76,55 | 986,589 |
| 09/01/2012 00:30 | 0.0016 | 0.0034 | 13 | 0.0238 | 6,37 | 69,74 | 0 | 21,48 | 7,35 | 78,81 | 986,086 |
| 09/01/2012 01:30 | 0.0016 | 0.0033 | 18 | 0.0227 | 5,22 | 65,98 | 0 | 20,86 | 7,18 | 80,59 | 986,082 |
| 09/01/2012 02:30 | 0.002 | 0.0033 | 19 | 0.0219 | 5,1 | 64,35 | 0 | 20,55 | 7,08 | 81,96 | 985,695 |
| 09/01/2012 03:30 | 0.0017 | 0.0033 | 19 | 0.0212 | 4,62 | 67,59 | 0 | 20 | 7,05 | 84,79 | 985,532 |
| 09/01/2012 04:30 | 0.0017 | 0.0033 | 14 | 0.021 | 4,47 | 70,09 | 0 | 19,97 | 7,58 | 85,21 | 986,09 |
| 09/01/2012 05:30 | 0.002 | 0.0034 | 17 | 0.0194 | 5,02 | 75,93 | 0 | 19,79 | 12,33 | 87,01 | 986,336 |
| 09/01/2012 06:30 | 0.0024 | 0.004 | 19 | 0.0183 | 4,73 | 71,93 | 0 | 20,34 | 110,87 | 86,19 | 986,509 |
| 09/01/2012 07:30 | 0.0025 | 0.0054 | 14 | 0.02 | 5,12 | 47,95 | 0 | 22,37 | 308,07 | 78,99 | 986,902 |
| 09/01/2012 08:30 | 0.0017 | 0.0037 | 17 | 0.0251 | 5,11 | 26,93 | 0 | 25,25 | 517,25 | 66,66 | 987,202 |
| 09/01/2012 09:30 | 0.0017 | 0.0035 | 23 | 0.0303 | 4,99 | 11,77 | 0 | 27,72 | 707,13 | 57,25 | 987,003 |
| 09/01/2012 10:30 | 0.0017 | 0.0035 | 22 | 0.0353 | 4,97 | 10,69 | 0 | 30,07 | 859,33 | 48,99 | 986,657 |
| 09/01/2012 11:30 | 0.0017 | 0.0034 | 21 | 0.0399 | 4,98 | 11,05 | 0 | 31,58 | 956,7 | 43,17 | 986,285 |
| 09/01/2012 12:30 | 0.0017 | 0.0034 | 22 | 0.0439 | 4,38 | 15,43 | 0 | 33,11 | 996,47 | 37, | |

| | | | | | | | | | | | |
|------------------|--------|--------|-----|--------|------|--------|------|-------|---------|-------|-----------|
| 10/01/2012 19:30 | 0.0015 | 0.0034 | 25 | 0.0341 | 7.68 | 91,01 | 0 | 28,61 | 32,45 | 51,11 | 979,616 |
| 10/01/2012 20:30 | 0.0018 | 0.0034 | 22 | 0.0303 | 5,75 | 92,53 | 0 | 26,54 | 7,83 | 59,15 | 980,15 |
| 10/01/2012 21:30 | 0.0019 | 0.0034 | 18 | 0.0278 | 5,46 | 85,56 | 0 | 25,06 | 7,69 | 67,42 | 980,55 |
| 10/01/2012 22:30 | 0.0021 | 0.0034 | 19 | 0.0259 | 4,54 | 87,25 | 0 | 23,71 | 7,52 | 75,88 | 981,028 |
| 10/01/2012 23:30 | 0.0022 | 0.0034 | 10 | 0.0247 | 4,17 | 76,31 | 0 | 22,88 | 7,68 | 80,39 | 981,256 |
| 11/01/2012 00:30 | 0.0025 | 0.0034 | 10 | 0.0236 | 4,08 | 67 | 0 | 22,2 | 7,55 | 83,56 | 981,119 |
| 11/01/2012 01:30 | 0.0036 | 0.0041 | 10 | 0.0212 | 3,68 | 69,84 | 0 | 21,61 | 7,52 | 85,98 | 980,646 |
| 11/01/2012 02:30 | 0.0045 | 0.0047 | 18 | 0.02 | 3,01 | 57,33 | 0 | 21,28 | 7,49 | 87,27 | 980,284 |
| 11/01/2012 03:30 | 0.0035 | 0.0042 | 13 | 0.0215 | 2,92 | 64,13 | 0 | 20,92 | 7,5 | 88,58 | 979,759 |
| 11/01/2012 04:30 | 0.003 | 0.0038 | 14 | 0.0224 | 2,61 | 72,18 | 0 | 20,6 | 7,87 | 90,15 | 979,394 |
| 11/01/2012 05:30 | 0.0031 | 0.0041 | 13 | 0.0222 | 2,45 | 79,1 | 0 | 20,37 | 15,82 | 91,76 | 979,637 |
| 11/01/2012 06:30 | 0.0026 | 0.0042 | 11 | 0.0243 | 1,58 | 52,91 | 0 | 22,01 | 161,74 | 86,06 | 980,158 |
| 11/01/2012 07:30 | 0.0024 | 0.0039 | 11 | 0.0268 | 2,9 | 44,18 | 0 | 23,7 | 330,87 | 78,5 | 980,25 |
| 11/01/2012 08:30 | 0.0024 | 0.0037 | 21 | 0.0338 | 3,68 | 14,17 | 0 | 25,94 | 483,38 | 67,8 | 980,484 |
| 11/01/2012 09:30 | 0.0023 | 0.0036 | 25 | 0.0392 | 3,42 | 7,97 | 0 | 27,57 | 427,83 | 60,6 | 980,648 |
| 11/01/2012 10:30 | 0.0021 | 0.0036 | 25 | 0.0442 | 4,59 | 344,49 | 0 | 30,51 | 894,56 | 45,57 | 980,811 |
| 11/01/2012 11:30 | 0.0019 | 0.0035 | 23 | 0.0448 | 5,04 | 343,58 | 0 | 31,75 | 753,44 | 40,79 | 980,578 |
| 11/01/2012 12:30 | 0.0017 | 0.0035 | 23 | 0.0467 | 4,58 | 339,22 | 0 | 33,45 | 1020,4 | 32,61 | 980,051 |
| 11/01/2012 13:30 | 0.0017 | 0.0035 | 24 | 0.0474 | 4,44 | 329,81 | 0 | 34,46 | 1012,55 | 27,5 | 979,176 |
| 11/01/2012 14:30 | 0.0018 | 0.0035 | 33 | 0.0503 | 3,57 | 301,75 | 0 | 35,32 | 854,94 | 25,25 | 978,256 |
| 11/01/2012 15:30 | 0.0015 | 0.0034 | 19 | 0.0503 | 3,31 | 310,46 | 0 | 36,16 | 810,56 | 22,03 | 977,334 |
| 11/01/2012 16:30 | 0.0018 | 0.0034 | 41 | 0.0469 | 5,93 | 343,95 | 0 | 31,44 | 385,54 | 42,15 | 977,817 |
| 11/01/2012 17:30 | 0.002 | 0.0034 | 15 | 0.0448 | 3,59 | 3,42 | 0 | 30,07 | 356,6 | 44,32 | 977,976 |
| 11/01/2012 18:30 | 0.0025 | 0.0034 | 12 | 0.0419 | 4,56 | 354,09 | 0 | 28,98 | 87,61 | 49,42 | 978,772 |
| 11/01/2012 19:30 | 0.003 | 0.0035 | 59 | 0.0413 | 2,17 | 291,15 | 0 | 27,5 | 26,15 | 58,12 | 979,192 |
| 11/01/2012 20:30 | 0.0021 | 0.0034 | 69 | 0.0412 | 6,26 | 255,82 | 0 | 25,84 | 7,55 | 65,18 | 980,678 |
| 11/01/2012 21:30 | 0.0023 | 0.0034 | 14 | 0.04 | 6,21 | 208,29 | 0 | 23,64 | 7,46 | 78,9 | 981,502 |
| 11/01/2012 22:30 | 0.0029 | 0.0034 | 17 | 0.0355 | 4,89 | 208,27 | 0 | 23,07 | 7,23 | 83,97 | 982,05 |
| 11/01/2012 23:30 | 0.0038 | 0.0034 | 11 | 0.0309 | 2,6 | 207,1 | 0 | 22,63 | 7,47 | 87,18 | 982,632 |
| 12/01/2012 00:30 | 0.004 | 0.0034 | 12 | 0.0277 | 2,61 | 122,3 | 0 | 22,42 | 7,69 | 88,6 | 982,206 |
| 12/01/2012 01:30 | 0.0039 | 0.0034 | 12 | 0.0253 | 1,4 | 90,48 | 0 | 22,2 | 7,67 | 88,97 | 981,898 |
| 12/01/2012 02:30 | 0.0032 | 0.0034 | 12 | 0.0285 | 2,55 | 95,54 | 0 | 22,18 | 7,55 | 86,81 | 981,229 |
| 12/01/2012 03:30 | 0.0029 | 0.0034 | 14 | 0.0316 | 1,52 | 77,17 | 0 | 22,02 | 7,8 | 86,26 | 981,176 |
| 12/01/2012 04:30 | 0.0029 | 0.0034 | 16 | 0.0321 | 0,96 | 110,48 | 0 | 22,13 | 7,62 | 86,37 | 981,19 |
| 12/01/2012 05:30 | 0.0028 | 0.0034 | 15 | 0.0318 | 2,81 | 187,58 | 0 | 22,49 | 10,41 | 83,29 | 981,722 |
| 12/01/2012 06:30 | 0.006 | 0.0034 | 16 | 0.0184 | 4,35 | 189,53 | 0,2 | 21,37 | 20,41 | 92,8 | 982,922 |
| 12/01/2012 07:30 | 0.0051 | 0.0034 | 16 | 0.0206 | 1,8 | 169,33 | 17 | 21,45 | 9,73 | 93,88 | 984,608 |
| 12/01/2012 08:30 | 0.0034 | 0.0034 | 8 | 0.0273 | 3,79 | 158,97 | 27,6 | 20,53 | 26,09 | 95,88 | 985,011 |
| 12/01/2012 09:30 | 0.0027 | 0.0034 | 8 | 0.0267 | 6,15 | 148,05 | 2,6 | 20,34 | 89,01 | 95,82 | 984,675 |
| 12/01/2012 10:30 | 0.0025 | 0.0034 | 16 | 0.0252 | 6,11 | 143,78 | 1,2 | 20,79 | 114,1 | 95,21 | 984,481 |
| 12/01/2012 11:30 | 0.0019 | 0.0034 | 7 | 0.0284 | 5,42 | 140,87 | 0,2 | 20,91 | 147,33 | 94,14 | 985,042 |
| 12/01/2012 12:30 | 0.0016 | 0.0034 | 10 | 0.0288 | 5,8 | 135,98 | 0,8 | 20,69 | 174,45 | 93,05 | 985,141 |
| 12/01/2012 13:30 | 0.0018 | 0.0034 | 16 | 0.0236 | 6,15 | 143,78 | 0,2 | 19,84 | 146,64 | 93,87 | 985,173 |
| 12/01/2012 14:30 | 0.0016 | 0.0034 | 21 | 0.0235 | 6,53 | 145,12 | 0,2 | 18,66 | 161,47 | 92,2 | 985,358 |
| 12/01/2012 15:30 | 0.0016 | 0.0034 | 13 | 0.0246 | 6,7 | 144,87 | 0,2 | 18,11 | 203,13 | 90,4 | 985,085 |
| 12/01/2012 16:30 | 0.0015 | 0.0034 | 11 | 0.0258 | 6,94 | 134,77 | 0 | 17,33 | 197,95 | 83,77 | 984,565 |
| 12/01/2012 17:30 | 0.0016 | 0.0034 | 7 | 0.0245 | 6,7 | 133,63 | 0 | 16,83 | 110,46 | 82,26 | 984,538 |
| 12/01/2012 18:30 | 0.0018 | 0.0034 | 9 | 0.0234 | 5,69 | 120,57 | 0 | 16,67 | 47,91 | 80,79 | 984,955 |
| 12/01/2012 19:30 | 0.0018 | 0.0034 | 13 | 0.0236 | 4,88 | 115,74 | 0 | 16,71 | 21,4 | 78,06 | 985,38 |
| 12/01/2012 20:30 | 0.002 | 0.0034 | 11 | 0.024 | 4,98 | 113,59 | 0 | 16,63 | 6,81 | 78,64 | 985,645 |
| 12/01/2012 21:30 | 0.002 | 0.0034 | 8 | 0.0237 | 4,28 | 117,96 | 0 | 16,63 | 6,78 | 78,98 | 986,091 |
| 12/01/2012 22:30 | 0.0022 | 0.0034 | 8 | 0.0216 | 4,35 | 128,3 | 0 | 16,54 | 7,05 | 82,34 | 986,265 |
| 12/01/2012 23:30 | 0.0022 | 0.0034 | 10 | 0.0203 | 4,45 | 137,17 | 0 | 16,4 | 6,83 | 85,53 | 986,295 |
| 13/01/2012 00:30 | 0.0024 | 0.0034 | 17 | 0.0178 | 4,82 | 138,53 | 0 | 16,57 | 6,83 | 87,7 | 986,104 |
| 13/01/2012 01:30 | 0.0021 | 0.0034 | 27 | 0.0169 | 5,04 | 136,94 | 0 | 17,02 | 6,75 | 86,56 | 985,855 |
| 13/01/2012 02:30 | 0.0019 | 0.0034 | 17 | 0.0185 | 5,68 | 137,37 | 0 | 16,91 | 6,89 | 84,23 | 985,494 |
| 13/01/2012 03:30 | 0.0019 | 0.0034 | 15 | 0.0189 | 5,48 | 137,97 | 0 | 16,56 | 6,92 | 81,45 | 985,04 |
| 13/01/2012 04:30 | 0.0018 | 0.0034 | 10 | 0.0201 | 5,31 | 142,64 | 0 | 16,44 | 7,06 | 78,24 | 985,19 |
| 13/01/2012 05:30 | 0.0018 | 0.0034 | 10 | 0.0209 | 5,16 | 143,18 | 0 | 16,32 | 8,05 | 76,88 | 985,448 |
| 13/01/2012 06:30 | 0.0018 | 0.0034 | 11 | 0.0207 | 4,65 | 141,43 | 0 | 16,22 | 28,43 | 76,97 | 985,679 |
| 13/01/2012 07:30 | 0.0018 | 0.0034 | 12 | 0.0201 | 5,07 | 145,66 | 0 | 16,33 | 124,23 | 77,51 | 986,104 |
| 13/01/2012 08:30 | 0.0015 | 0.0035 | 15 | 0.0224 | 6,36 | 136,25 | 0 | 18,1 | 565,73 | 71 | 986,231 |
| 13/01/2012 09:30 | 0.0014 | 0.0034 | 22 | 0.025 | 6,56 | 128,75 | 0 | 19,62 | 584,58 | 65,32 | 986,169 |
| 13/01/2012 10:30 | 0.0014 | 0.0035 | 22 | 0.027 | 6,32 | 115,82 | 0 | 21,05 | 882,87 | 59,71 | 986,099 |
| 13/01/2012 11:30 | 0.0015 | 0.0035 | 19 | 0.0294 | 6,01 | 110,8 | 0 | 22,24 | 883,12 | 55,72 | 985,932 |
| 13/01/2012 12:30 | 0.0016 | 0.0035 | 51 | 0.0314 | 5,49 | 116,17 | 0 | 23,28 | 728,74 | 51,19 | 985,598 |
| 13/01/2012 13:30 | 0.0017 | 0.0035 | 26 | 0.0298 | 6,3 | 113,72 | 0 | 23,61 | 717,26 | 52,89 | 985,243 |
| 13/01/2012 14:30 | 0.0018 | 0.0034 | 30 | 0.03 | 6,55 | 119,9 | 0 | 24,05 | 702,4 | 48,22 | 984,891 |
| 13/01/2012 15:30 | 0.0016 | 0.0034 | 21 | 0.0319 | 6,95 | 116,64 | 0 | 24,2 | 707,19 | 45,9 | 984,53 |
| 13/01/2012 16:30 | 0.0016 | 0.0034 | 24 | 0.0314 | 6,88 | 122,3 | 0 | 24,29 | 556,33 | 47,32 | 984,329 |
| 13/01/2012 17:30 | 0.0018 | 0.0034 | 28 | 0.0288 | 7,57 | 115,44 | 0 | 23,39 | 394,91 | 54,85 | 984,19 |
| 13/01/2012 18:30 | 0.0017 | 0.0035 | 20 | 0.0266 | 7,76 | 106,97 | 0 | 22 | 190,8 | 59,95 | 984,663 |
| 13/01/2012 19:30 | 0.0019 | 0.0034 | 21 | 0.024 | 5,98 | 103,48 | 0 | 20,46 | 28,98 | 68,82 | 985,466 |
| 13/01/2012 20:30 | 0.0021 | 0.0035 | 15 | 0.022 | 4,72 | 104,18 | 0 | 19,16 | 7,1 | 77,2 | 985,942 |
| 13/01/2012 21:30 | 0.0024 | 0.0034 | 7 | 0.02 | 3,83 | 95,2 | 0 | 18,31 | 6,8 | 81,13 | 986,36 |
| 13/01/2012 22:30 | 0.0026 | 0.0034 | 21 | 0.0185 | 3,15 | 106,93 | 0 | 17,54 | 7,11 | 84,28 | 986,409 |
| 13/01/2012 23:30 | 0.0027 | 0.0034 | 17 | 0.0172 | 3,67 | 140,13 | 0 | 17 | 7,1 | 86,74 | 986,46 |
| 14/01/2012 00:30 | 0.0028 | 0.0034 | 13 | 0.0166 | 4,94 | 145,64 | 0 | 16,53 | 6,96 | 90,28 | 986,272 |
| 14/01/2012 01:30 | 0.0026 | 0.0034 | 11 | 0.0151 | 4,87 | 151,03 | 0 | 16,27 | 6,63 | 93,67 | 985,888 |
| 14/01/2012 02:30 | 0.0021 | 0.0034 | 7 | 0.016 | 4,58 | 152,24 | 0 | 16,36 | 6,81 | 94,84 | 985,374 |
| 14/01/2012 03:30 | 0.0021 | 0.0034 | 8 | 0.0165 | 4,29 | 151,24 | 0 | 16,62 | 6,67 | 91,91 | 984,952 |
| 14/01/2012 04:30 | 0.0022 | 0.0034 | 10 | 0.0164 | 4,21 | 155,51 | 0 | 16,39 | 6,9 | 91,98 | 984,794 |
| 14/01/2012 05:30 | 0.0021 | 0.0034 | 10 | 0.0158 | 4,11 | 152,04 | 0 | 16,37 | 9,63 | 90,57 | 985,149 |
| 14/01/2012 06:30 | 0.002 | 0.0034 | 11 | 0.0161 | 4,6 | 151,82 | 0 | 16,79 | 72,4 | 87,57 | 985,416 |
| 14/01/2012 07:30 | 0.0017 | 0.0034 | 13 | 0.0178 | 5,52 | 141,18 | 0 | 17,84 | 231,49 | 83,01 | 985,589 |
| 14/01/2012 08:30 | 0.0014 | 0.0035 | 20 | 0.0211 | 6,3 | 126,15 | 0 | 19,39 | 397,43 | 74,98 | 985,794 |
| 14/01/2012 09:30 | 0.0013 | 0.0034 | 17 | 0.0225 | 7,22 | 123,56 | 0 | 20,18 | 511,48 | 66,89 | 985,582 |
| 14/01/2012 10:30 | 0.0015 | 0.0034 | 24 | 0.0228 | 6,6 | 122,84 | 0 | 20,82 | 546,86 | 63,96 | 985,458 |
| 14/01/2012 11:30 | 0.0014 | 0.0034 | 10 | 0.0233 | 6,56 | 132,54 | 0 | 21,46 | 544,56 | 58,5 | 985,309 |
| 14/01/2012 12:30 | 0.0106 | 0.008 | 309 | 0.0518 | 6,74 | 128,7 | 0 | 22,56 | 820,4 | 50,1 | 984,911 |
| 14/01/2012 13:30 | 0.0025 | 0.0042 | 41 | 0.0254 | 5,95 | 129,65 | 0 | 23,11 | 681,53 | 46,64 | 984,623 |
| 14/01/2012 14:30 | 0.0018 | 0.0037 | 25 | 0.0231 | 5,46 | 119,7 | 0 | 23,61 | 609,23 | 47,14 | 984,319 |
| 14/01/2012 15:30 | 0.0016 | 0.0035 | 16 | 0.0216 | 6,04 | 139,28 | 0 | 22,35 | 273,85 | 55,78 | 984,229</ |

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|------------------|--------|--------|----|--------|------|--------|---|-------|---------|-------|---------|
| 15/01/2012 22:30 | 0.0023 | 0.0035 | 17 | 0.0188 | 4,75 | 109,09 | 0 | 18,29 | 7,37 | 74,39 | 985,863 |
| 15/01/2012 23:30 | 0.0024 | 0.0035 | 12 | 0.0179 | 4,27 | 102,68 | 0 | 17,48 | 7,19 | 78,91 | 986,116 |
| 16/01/2012 00:30 | 0.0023 | 0.0035 | 9 | 0.0174 | 3,99 | 100,68 | 0 | 16,92 | 7,08 | 82,12 | 986,169 |
| 16/01/2012 01:30 | 0.0023 | 0.0035 | 7 | 0.0167 | 3,62 | 94,88 | 0 | 16,44 | 7,33 | 84,81 | 985,987 |
| 16/01/2012 02:30 | 0.0023 | 0.0035 | 7 | 0.0165 | 3,36 | 91,26 | 0 | 16,29 | 7,23 | 86,36 | 985,728 |
| 16/01/2012 03:30 | 0.0024 | 0.0035 | 8 | 0.0161 | 2,75 | 89,67 | 0 | 15,97 | 7,29 | 88,38 | 985,76 |
| 16/01/2012 04:30 | 0.0024 | 0.0035 | 7 | 0.0158 | 2,36 | 89,84 | 0 | 15,8 | 7,48 | 89,31 | 986,161 |
| 16/01/2012 05:30 | 0.0044 | 0.0035 | 22 | 0.0128 | 2,17 | 93,7 | 0 | 15,45 | 10,39 | 91,08 | 986,778 |
| 16/01/2012 06:30 | 0.0042 | 0.0038 | 16 | 0.0133 | 2,09 | 91,06 | 0 | 16,37 | 10,65 | 87,88 | 987,413 |
| 16/01/2012 07:30 | 0.0025 | 0.0039 | 14 | 0.0163 | 1,93 | 86,49 | 0 | 18,04 | 319,6 | 82,39 | 987,996 |
| 16/01/2012 08:30 | 0.0022 | 0.0048 | 12 | 0.0182 | 1,98 | 41,7 | 0 | 19,72 | 542,42 | 76,31 | 988,261 |
| 16/01/2012 09:30 | 0.002 | 0.0067 | 21 | 0.0232 | 1,89 | 36,36 | 0 | 21,49 | 744,05 | 65,43 | 988,342 |
| 16/01/2012 10:30 | 0.0018 | 0.0053 | 15 | 0.0296 | 2,45 | 159,44 | 0 | 23,18 | 911,42 | 50,82 | 988,113 |
| 16/01/2012 11:30 | 0.0016 | 0.0043 | 15 | 0.0311 | 2,76 | 148,33 | 0 | 24,33 | 1013,12 | 42,72 | 987,842 |
| 16/01/2012 12:30 | 0.0015 | 0.0037 | 16 | 0.0311 | 2,28 | 144,84 | 0 | 25,79 | 1052,29 | 36,81 | 987,419 |
| 16/01/2012 13:30 | 0.0014 | 0.0035 | 17 | 0.0303 | 2,54 | 136,42 | 0 | 27,02 | 1042,89 | 30,15 | 986,887 |
| 16/01/2012 14:30 | 0.0015 | 0.0035 | 9 | 0.0304 | 2,91 | 159,95 | 0 | 27,63 | 971,96 | 25,63 | 986,429 |
| 16/01/2012 15:30 | 0.0015 | 0.0035 | 41 | 0.0316 | 3,15 | 148,06 | 0 | 28,29 | 831,4 | 25,9 | 985,855 |
| 16/01/2012 16:30 | 0.0016 | 0.0035 | 10 | 0.0326 | 3,12 | 139,04 | 0 | 28,92 | 641,81 | 25,12 | 985,39 |
| 16/01/2012 17:30 | 0.0016 | 0.0035 | 24 | 0.0316 | 4,14 | 130,72 | 0 | 28,73 | 426,2 | 25,45 | 985,101 |
| 16/01/2012 18:30 | 0.0017 | 0.0035 | 35 | 0.0298 | 4,69 | 125,44 | 0 | 27,85 | 209,33 | 28,34 | 985,203 |
| 16/01/2012 19:30 | 0.0022 | 0.0035 | 37 | 0.0289 | 4,33 | 122,07 | 0 | 25,6 | 33,31 | 36,5 | 985,508 |
| 16/01/2012 20:30 | 0.0027 | 0.0038 | 32 | 0.0273 | 5,91 | 118,78 | 0 | 23,1 | 7,65 | 52,49 | 985,868 |
| 16/01/2012 21:30 | 0.0023 | 0.0036 | 29 | 0.0253 | 6,48 | 113,4 | 0 | 21,33 | 7,52 | 49,96 | 986,405 |
| 16/01/2012 22:30 | 0.0021 | 0.0036 | 15 | 0.025 | 6,35 | 105,38 | 0 | 20,09 | 7,39 | 64,01 | 986,493 |
| 16/01/2012 23:30 | 0.0028 | 0.0036 | 8 | 0.023 | 4,37 | 89,33 | 0 | 18,2 | 7,45 | 78,74 | 986,861 |
| 17/01/2012 00:30 | 0.0028 | 0.0035 | 10 | 0.0201 | 4,41 | 93,78 | 0 | 17,36 | 7,19 | 85,49 | 986,858 |
| 17/01/2012 01:30 | 0.0025 | 0.0035 | 11 | 0.0186 | 4,28 | 89,44 | 0 | 16,93 | 7,01 | 87,11 | 986,663 |
| 17/01/2012 02:30 | 0.0025 | 0.0035 | 10 | 0.0177 | 3,47 | 84,28 | 0 | 16,33 | 7 | 89,08 | 986,239 |
| 17/01/2012 03:30 | 0.003 | 0.0035 | 9 | 0.0172 | 3,01 | 86,5 | 0 | 16,22 | 6,85 | 89,02 | 986,327 |
| 17/01/2012 04:30 | 0.0041 | 0.0039 | 9 | 0.0147 | 3,77 | 86,74 | 0 | 15,72 | 7,05 | 90,69 | 986,607 |
| 17/01/2012 05:30 | 0.0029 | 0.0036 | 11 | 0.0168 | 3,23 | 93,35 | 0 | 15,82 | 9,96 | 90,36 | 987,322 |
| 17/01/2012 06:30 | 0.0019 | 0.0036 | 11 | 0.0175 | 3,71 | 83,76 | 0 | 16,31 | 106,51 | 87,99 | 987,622 |
| 17/01/2012 07:30 | 0.0016 | 0.0035 | 12 | 0.0181 | 3,84 | 78,02 | 0 | 17,32 | 317,9 | 85,17 | 987,823 |
| 17/01/2012 08:30 | 0.0026 | 0.0216 | 13 | 0.0192 | 4,16 | 56,63 | 0 | 19,06 | 542,18 | 78,94 | 987,76 |
| 17/01/2012 09:30 | 0.0032 | 0.0352 | 25 | 0.0221 | 4,3 | 55,17 | 0 | 21,23 | 742,12 | 66,57 | 987,802 |
| 17/01/2012 10:30 | 0.0017 | 0.0046 | 13 | 0.0251 | 3,42 | 79,87 | 0 | 23,52 | 902,3 | 55,54 | 987,716 |
| 17/01/2012 11:30 | 0.0015 | 0.0037 | 24 | 0.0243 | 3,77 | 104,36 | 0 | 25,63 | 1001,47 | 46,39 | 987,342 |
| 17/01/2012 12:30 | 0.0015 | 0.0038 | 12 | 0.0242 | 4,57 | 104,89 | 0 | 26,86 | 1037,58 | 42,17 | 986,776 |
| 17/01/2012 13:30 | 0.0014 | 0.0038 | 12 | 0.0248 | 5,68 | 107,93 | 0 | 28 | 1027,18 | 37,58 | 986,244 |
| 17/01/2012 14:30 | 0.0015 | 0.0035 | 8 | 0.0275 | 5,91 | 100,14 | 0 | 28,89 | 959,5 | 33,83 | 985,732 |
| 17/01/2012 15:30 | 0.0016 | 0.0035 | 8 | 0.0314 | 6,09 | 109,46 | 0 | 29,48 | 824,1 | 31,79 | 985,239 |
| 17/01/2012 16:30 | 0.0015 | 0.0035 | 25 | 0.0292 | 6,23 | 108,83 | 0 | 29,66 | 637,25 | 31,78 | 984,773 |
| 17/01/2012 17:30 | 0.0014 | 0.0036 | 24 | 0.0278 | 7,63 | 114,6 | 0 | 28,67 | 423,06 | 39,83 | 984,4 |
| 17/01/2012 18:30 | 0.0016 | 0.0036 | 33 | 0.0292 | 7,96 | 114,11 | 0 | 26,88 | 208,05 | 50,37 | 984,824 |
| 17/01/2012 19:30 | 0.0018 | 0.0036 | 26 | 0.0273 | 7,23 | 114,34 | 0 | 24,42 | 35,11 | 61,43 | 985,775 |
| 17/01/2012 20:30 | 0.002 | 0.0037 | 22 | 0.0269 | 7,56 | 111,36 | 0 | 21,88 | 8,05 | 72,03 | 986,429 |
| 17/01/2012 21:30 | 0.0021 | 0.0036 | 9 | 0.0211 | 6,58 | 101,89 | 0 | 20,16 | 7,87 | 79,03 | 987,093 |
| 17/01/2012 22:30 | 0.002 | 0.0036 | 11 | 0.0185 | 6,49 | 94,01 | 0 | 19,12 | 7,16 | 82,6 | 987,451 |
| 17/01/2012 23:30 | 0.0019 | 0.0036 | 14 | 0.0171 | 6,27 | 93,63 | 0 | 18,35 | 7,35 | 85,93 | 987,582 |
| 18/01/2012 00:30 | 0.0019 | 0.0036 | 12 | 0.0157 | 5,57 | 98,13 | 0 | 17,81 | 7,32 | 88,56 | 987,354 |
| 18/01/2012 01:30 | 0.0019 | 0.0036 | 7 | 0.0147 | 5,05 | 108,65 | 0 | 17,38 | 7,21 | 90,3 | 986,829 |
| 18/01/2012 02:30 | 0.0018 | 0.0036 | 6 | 0.0143 | 4,95 | 100,66 | 0 | 17,08 | 7,09 | 92,69 | 986,484 |
| 18/01/2012 03:30 | 0.0018 | 0.0035 | 9 | 0.0148 | 5,68 | 95,68 | 0 | 17,19 | 7,35 | 93,79 | 986,285 |
| 18/01/2012 04:30 | 0.0019 | 0.0035 | 8 | 0.0144 | 5,7 | 93,07 | 0 | 17,33 | 7,3 | 93,89 | 986,315 |
| 18/01/2012 05:30 | 0.0018 | 0.0035 | 6 | 0.0145 | 5,16 | 99,09 | 0 | 17,47 | 9,83 | 93,93 | 986,781 |
| 18/01/2012 06:30 | 0.0016 | 0.0035 | 7 | 0.0149 | 4,65 | 96 | 0 | 18,14 | 99,55 | 91,34 | 987,085 |
| 18/01/2012 07:30 | 0.0015 | 0.0035 | 6 | 0.0162 | 5,28 | 97,09 | 0 | 19,59 | 300,18 | 85,72 | 987,044 |
| 18/01/2012 08:30 | 0.0014 | 0.0035 | 6 | 0.0185 | 6,36 | 84,13 | 0 | 21,44 | 510,58 | 78,78 | 986,799 |
| 18/01/2012 09:30 | 0.0014 | 0.0036 | 11 | 0.0224 | 6,68 | 74,55 | 0 | 23,75 | 705,49 | 67,65 | 986,453 |
| 18/01/2012 10:30 | 0.0013 | 0.0036 | 13 | 0.0245 | 5,8 | 68,66 | 0 | 25,35 | 791,59 | 61,97 | 986,148 |
| 18/01/2012 11:30 | 0.0014 | 0.0038 | 12 | 0.0275 | 5,19 | 68 | 0 | 27,18 | 996,03 | 54,96 | 985,685 |
| 18/01/2012 12:30 | 0.0014 | 0.0038 | 10 | 0.0286 | 4,37 | 71,11 | 0 | 27,98 | 766,18 | 51 | 985,13 |
| 18/01/2012 13:30 | 0.0015 | 0.0038 | 9 | 0.0302 | 4,26 | 62,96 | 0 | 29,29 | 918,36 | 45,96 | 984,531 |
| 18/01/2012 14:30 | 0.0014 | 0.004 | 10 | 0.0321 | 4,16 | 73,39 | 0 | 30,39 | 972,92 | 40,75 | 983,993 |
| 18/01/2012 15:30 | 0.0015 | 0.0039 | 16 | 0.0322 | 4,34 | 93,21 | 0 | 30,54 | 651,36 | 38,63 | 983,385 |
| 18/01/2012 16:30 | 0.0014 | 0.0036 | 27 | 0.0311 | 4,45 | 109,59 | 0 | 30,83 | 594,83 | 38,11 | 983,005 |
| 18/01/2012 17:30 | 0.0015 | 0.0036 | 33 | 0.0299 | 6,27 | 114,63 | 0 | 30,29 | 413,42 | 39,64 | 982,702 |
| 18/01/2012 18:30 | 0.0015 | 0.0036 | 41 | 0.0288 | 7,09 | 102,28 | 0 | 28,78 | 197,77 | 46,98 | 982,862 |
| 18/01/2012 19:30 | 0.0016 | 0.0036 | 24 | 0.0263 | 7,34 | 97,62 | 0 | 26,18 | 34,07 | 57,9 | 983,477 |
| 18/01/2012 20:30 | 0.0018 | 0.0036 | 18 | 0.0225 | 6,72 | 93,36 | 0 | 23,87 | 7,98 | 67,29 | 984,37 |
| 18/01/2012 21:30 | 0.0017 | 0.0035 | 7 | 0.0205 | 6,86 | 86,91 | 0 | 22,44 | 7,87 | 74,03 | 984,855 |
| 18/01/2012 22:30 | 0.0017 | 0.0035 | 7 | 0.0183 | 6,26 | 81,67 | 0 | 21,13 | 7,8 | 80,1 | 985,257 |
| 18/01/2012 23:30 | 0.0019 | 0.0035 | 7 | 0.0162 | 4,82 | 78 | 0 | 20,14 | 7,7 | 83,9 | 985,54 |
| 19/01/2012 00:30 | 0.0019 | 0.0035 | 8 | 0.0158 | 4,49 | 77,88 | 0 | 19,73 | 7,23 | 84,68 | 985,376 |
| 19/01/2012 01:30 | 0.0022 | 0.0035 | 8 | 0.0146 | 3,55 | 68,6 | 0 | 19,22 | 7,18 | 86,47 | 984,947 |
| 19/01/2012 02:30 | 0.0022 | 0.0035 | 7 | 0.0146 | 3,69 | 68,2 | 0 | 19,2 | 7,42 | 85,52 | 984,423 |
| 19/01/2012 03:30 | 0.0022 | 0.0035 | 7 | 0.0143 | 3,25 | 89,41 | 0 | 18,75 | 7,46 | 86,07 | 984,124 |
| 19/01/2012 04:30 | 0.0019 | 0.0035 | 7 | 0.015 | 3,57 | 86,28 | 0 | 18,43 | 7,42 | 86,74 | 984,032 |
| 19/01/2012 05:30 | 0.0021 | 0.0035 | 11 | 0.0137 | 3,29 | 87,96 | 0 | 17,85 | 9,4 | 89,11 | 984,208 |
| 19/01/2012 06:30 | 0.0017 | 0.0035 | 13 | 0.0148 | 3,29 | 98,98 | 0 | 18,39 | 97,3 | 86,84 | 984,337 |
| 19/01/2012 07:30 | 0.0015 | 0.0035 | 11 | 0.0157 | 3,61 | 97,62 | 0 | 19,83 | 303,37 | 82,02 | 984,488 |
| 19/01/2012 08:30 | 0.002 | 0.0051 | 10 | 0.0169 | 3,84 | 82,52 | 0 | 21,14 | 526,23 | 78,45 | 984,616 |
| 19/01/2012 09:30 | 0.0016 | 0.0079 | 7 | 0.0214 | 3,9 | 69,35 | 0 | 22,86 | 719,79 | 72,6 | 984,559 |
| 19/01/2012 10:30 | 0.0019 | 0.0092 | 18 | 0.029 | 3,1 | 72,03 | 0 | 24,79 | 878,73 | 64,83 | 984,292 |
| 19/01/2012 11:30 | 0.0015 | 0.0057 | 9 | 0.03 | 2,25 | 90,02 | 0 | 27,1 | 988,42 | 53,39 | 983,924 |
| 19/01/2012 12:30 | 0.0014 | 0.0039 | 21 | 0.029 | 2,23 | 112,57 | 0 | 28,5 | 1030,62 | 43,52 | 983,344 |
| 19/01/2012 13:30 | 0.0014 | 0.0037 | 14 | 0.0289 | 2,51 | 112,53 | 0 | 29,58 | 1010,08 | 41,09 | 982,822 |
| 19/01/2012 14:30 | 0.0014 | 0.0036 | 12 | 0.0286 | 2,6 | 122,25 | 0 | 30,27 | 947,87 | 35,58 | 982,365 |
| 19/01/2012 15:30 | 0.0015 | 0.0036 | 33 | 0.0288 | 2,6 | 111,3 | 0 | 31,16 | 815,68 | 31,08 | 981,829 |
| 19/01/2012 16:30 | 0.0015 | 0.0036 | 30 | 0.0294 | 3,09 | 161,65 | 0 | 31,27 | 634,41 | 27,15 | 981,246 |
| 19/01/2012 17:30 | 0.0015 | 0.0036 | 57 | 0.0296 | 2,86 | 160,82 | 0 | 31,37 | 420,99 | 25,49 | 980,794 |
| 19/01/2012 18:30 | 0.002 | 0.0037 | 27 | 0.0295 | 3,06 | 154,97 | 0 | 30,96 | 207,54 | 24 | 980,811 |
| 19/01/2012 19:30 | 0.0017 | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|------------------|--------|--|--------|-----|----|--------|--------|--------|--------|-------|--------|--------|---------|---------|
| 21/01/2012 01:30 | 0.0033 | | 0.0068 | | 11 | | 0.0306 | 4,72 | 110,44 | 0 | 21,76 | 7,35 | 73,85 | 982,819 |
| 21/01/2012 02:30 | 0.0027 | | 0.004 | | 10 | | 0.0231 | 3,25 | 90,9 | 0 | 21,02 | 7,31 | 83,44 | 982,972 |
| 21/01/2012 03:30 | 0.0028 | | 0.0037 | | 12 | | 0.0205 | 3,02 | 74,39 | 0 | 20,28 | 7,18 | 87,42 | 982,918 |
| 21/01/2012 04:30 | 0.003 | | 0.0037 | | 10 | | 0.0203 | 3 | 75,19 | 0 | 20,14 | 7,45 | 87,6 | 983,376 |
| 21/01/2012 05:30 | 0.0039 | | 0.0046 | | 8 | | 0.0175 | 3,49 | 72,88 | 0 | 19,98 | 9,04 | 90,45 | 983,912 |
| 21/01/2012 06:30 | 0.0045 | | 0.0072 | | 20 | | 0.0162 | 3,63 | 95,57 | 0 | 20,3 | 84,9 | 90,75 | 984,554 |
| 21/01/2012 07:30 | 0.0018 | | 0.0041 | | 12 | | 0.0234 | 3,79 | 93,95 | 0 | 21,87 | 282,94 | 83,87 | 984,788 |
| 21/01/2012 08:30 | 0.0025 | | 0.0089 | | 21 | | 0.0253 | 3,44 | 85,27 | 0 | 23,55 | 495,18 | 76,04 | 984,765 |
| 21/01/2012 09:30 | 0.0022 | | 0.0083 | | 18 | | 0.0317 | 2,96 | 61,08 | 0 | 25,5 | 691,36 | 67,72 | 984,653 |
| 21/01/2012 10:30 | 0.002 | | 0.0081 | | 18 | | 0.0422 | 2,26 | 66,92 | 0 | 28,03 | 850,96 | 54,67 | 984,707 |
| 21/01/2012 11:30 | 0.002 | | 0.0068 | | 13 | | 0.0486 | 1,97 | 29,8 | 0 | 30,12 | 952,22 | 45,63 | 984,564 |
| 21/01/2012 12:30 | 0.0021 | | 0.0064 | | 19 | | 0.0538 | 2,28 | 79,86 | 0 | 31,31 | 991,05 | 40,78 | 983,91 |
| 21/01/2012 13:30 | 0.0021 | | 0.0071 | | 46 | | 0.0595 | 2,22 | 117,15 | 0 | 32,3 | 979,16 | 37,81 | 983,12 |
| 21/01/2012 14:30 | 0.0019 | | 0.0061 | | 20 | | 0.0583 | 2,19 | 64,53 | 0 | 33,59 | 899,02 | 33,66 | 982,261 |
| 21/01/2012 15:30 | 0.0019 | | 0.0059 | | 35 | | 0.0552 | 3,12 | 95,39 | 0 | 33,51 | 614,3 | 33,81 | 981,127 |
| 21/01/2012 16:30 | 0.0017 | | 0.0041 | | 33 | | 0.0418 | 5,34 | 123,71 | 0 | 32,56 | 499,36 | 37,82 | 980,259 |
| 21/01/2012 17:30 | 0.0016 | | 0.0037 | | 32 | | 0.0378 | 7,12 | 111,13 | 0 | 31,26 | 355,78 | 45,11 | 979,689 |
| 21/01/2012 18:30 | 0.0017 | | 0.0037 | | 32 | | 0.0368 | 7,33 | 113,42 | 0 | 29,69 | 159,33 | 53,23 | 980,151 |
| 21/01/2012 19:30 | 0.0018 | | 0.0037 | | 28 | | 0.0341 | 6,66 | 109,15 | 0 | 27,8 | 25,6 | 60,23 | 980,88 |
| 21/01/2012 20:30 | 0.0036 | | 0.0041 | | 36 | | 0.0345 | 6,58 | 92,66 | 0 | 26,51 | 7,8 | 64,33 | 981,915 |
| 21/01/2012 21:30 | 0.0024 | | 0.0037 | | 23 | | 0.0327 | 5,83 | 86,28 | 0 | 25,52 | 7,56 | 69,14 | 982,512 |
| 21/01/2012 22:30 | 0.0026 | | 0.0037 | | 26 | | 0.0313 | 4,74 | 82,55 | 0 | 24,94 | 7,59 | 72,47 | 982,9 |
| 21/01/2012 23:30 | 0.003 | | 0.0037 | | 21 | | 0.0285 | 3,63 | 72,91 | 0 | 24,27 | 7,72 | 76,2 | 982,913 |
| 22/01/2012 00:30 | 0.0034 | | 0.0036 | | 18 | | 0.0256 | 3,33 | 87,25 | 0 | 23,42 | 7,51 | 80,78 | 982,112 |
| 22/01/2012 01:30 | 0.0031 | | 0.0036 | | 23 | | 0.0243 | 3,01 | 88,73 | 0 | 22,74 | 7,45 | 85,05 | 981,668 |
| 22/01/2012 02:30 | 0.0031 | | 0.0036 | | 12 | | 0.0224 | 3,54 | 97,12 | 0 | 22,13 | 7,59 | 88,55 | 980,819 |
| 22/01/2012 03:30 | 0.0029 | | 0.0036 | | 12 | | 0.0217 | 3,86 | 94,05 | 0 | 21,78 | 7,68 | 90,71 | 980,83 |
| 22/01/2012 04:30 | 0.0026 | | 0.0036 | | 18 | | 0.0214 | 3,55 | 87,8 | 0 | 21,46 | 7,71 | 92,86 | 980,834 |
| 22/01/2012 05:30 | 0.0026 | | 0.0036 | | 17 | | 0.0218 | 3,23 | 79,54 | 0 | 21,33 | 9,99 | 93,34 | 981,39 |
| 22/01/2012 06:30 | 0.0029 | | 0.0036 | | 19 | | 0.0227 | 2,94 | 79,36 | 0 | 21,44 | 39,95 | 92,68 | 981,681 |
| 22/01/2012 07:30 | 0.0031 | | 0.0037 | | 24 | | 0.0237 | 2,6 | 79,01 | 0 | 21,82 | 93,05 | 91,41 | 982,135 |
| 22/01/2012 08:30 | 0.0028 | | 0.0038 | | 30 | | 0.0281 | 2,99 | 51,72 | 0 | 23,26 | 305,74 | 85,78 | 982,195 |
| 22/01/2012 09:30 | 0.0022 | | 0.0037 | | 24 | | 0.0355 | 3,68 | 24,37 | 0 | 25,22 | 429,77 | 75,68 | 982,274 |
| 22/01/2012 10:30 | 0.0023 | | 0.0036 | | 26 | | 0.0384 | 3,08 | 0,28 | 0 | 26,4 | 539,84 | 69,41 | 982,485 |
| 22/01/2012 11:30 | 0.0019 | | 0.0037 | | 16 | | 0.0452 | 2,93 | 2,26 | 0 | 28,67 | 938,55 | 55,9 | 982,037 |
| 22/01/2012 12:30 | 0.0018 | | 0.0037 | | 15 | | 0.0505 | 2,88 | 318,61 | 0 | 30,79 | 935,98 | 45,08 | 981,491 |
| 22/01/2012 13:30 | 0.0017 | | 0.0036 | | 15 | | 0.0546 | 3,02 | 330,52 | 0 | 31,8 | 878,98 | 42,57 | 980,563 |
| 22/01/2012 14:30 | 0.0018 | | 0.0036 | | 13 | | 0.0585 | 2,34 | 323,67 | 0 | 31,56 | 385,02 | 44,35 | 979,619 |
| 22/01/2012 15:30 | 0.0019 | | 0.0036 | | 42 | | 0.0541 | 3,81 | 269,46 | 0 | 30,35 | 250,37 | 50,49 | 979,201 |
| 22/01/2012 16:30 | 0.0022 | | 0.0036 | | 18 | | 0.0484 | 4,55 | 188,54 | 0 | 27,4 | 255,81 | 67,12 | 979,249 |
| 22/01/2012 17:30 | 0.0022 | | 0.0036 | | 9 | | 0.0494 | 4,55 | 167,09 | 0 | 27,86 | 309,16 | 63,51 | 978,624 |
| 22/01/2012 18:30 | 0.0023 | | 0.0036 | 985 | IE | 0.0474 | 5,8 | 135,4 | 0 | 27,18 | 178,93 | 67,48 | 978,536 | |
| 22/01/2012 19:30 | 0.0022 | | 0.0037 | 985 | IE | 0.0418 | 4,97 | 105,58 | 0 | 24,42 | 26,9 | 76,6 | 979,472 | |
| 22/01/2012 20:30 | 0.0023 | | 0.0037 | 985 | IE | 0.0415 | 4,33 | 80,78 | 0 | 24,26 | 9,24 | 76,02 | 980,226 | |
| 22/01/2012 21:30 | 0.0023 | | 0.0037 | 985 | IE | 0.0402 | 3,75 | 56,75 | 0 | 24,1 | 9,07 | 77,2 | 980,808 | |
| 22/01/2012 22:30 | 0.0046 | | 0.0075 | 23 | | 0.0332 | 3,56 | 25,14 | 0 | 23,73 | 8,02 | 79,89 | 981,283 | |
| 22/01/2012 23:30 | 0.0026 | | 0.0041 | 6 | | 0.0373 | 3,6 | 12,94 | 0 | 23,3 | 7,91 | 80,92 | 981,075 | |
| 23/01/2012 00:30 | 0.0028 | | 0.0037 | 3 | | 0.0368 | 2,86 | 348,98 | 0 | 22,76 | 7,61 | 85,1 | 980,42 | |
| 23/01/2012 01:30 | 0.0032 | | 0.0037 | 4 | | 0.0361 | 2,83 | 324,8 | 0 | 22,81 | 7,25 | 86,22 | 979,813 | |
| 23/01/2012 02:30 | 0.0038 | | 0.0036 | 8 | | 0.0327 | 2,12 | 324,54 | 0 | 22,53 | 7,26 | 87,92 | 979,256 | |
| 23/01/2012 03:30 | 0.0044 | | 0.0036 | 15 | | 0.0296 | 2,01 | 317,65 | 0 | 22,14 | 7,19 | 89,93 | 978,95 | |
| 23/01/2012 04:30 | 0.005 | | 0.0037 | 13 | | 0.0267 | 1,97 | 291,39 | 0 | 21,78 | 7,28 | 90,88 | 979,094 | |
| 23/01/2012 05:30 | 0.006 | | 0.0036 | 16 | | 0.024 | 1,38 | 291,61 | 0 | 21,65 | 8,75 | 90,94 | 979,598 | |
| 23/01/2012 06:30 | 0.0053 | | 0.0036 | 12 | | 0.024 | 2,8 | 303,86 | 0 | 21,99 | 74,52 | 90,06 | 980,223 | |
| 23/01/2012 07:30 | 0.0042 | | 0.0037 | 12 | | 0.0257 | 3,26 | 310,44 | 0 | 23,01 | 274,41 | 86,18 | 980,574 | |
| 23/01/2012 08:30 | 0.0034 | | 0.0036 | 18 | | 0.0312 | 2,87 | 320,11 | 0 | 25,1 | 490,73 | 76,51 | 980,852 | |
| 23/01/2012 09:30 | 0.0027 | | 0.0036 | 22 | | 0.042 | 2,05 | 294,09 | 0 | 27,48 | 601,97 | 65,76 | 980,737 | |
| 23/01/2012 10:30 | 0.0023 | | 0.0036 | 19 | | 0.0499 | 1,66 | 219,03 | 0 | 29,62 | 761,1 | 57,93 | 980,62 | |
| 23/01/2012 11:30 | 0.0023 | | 0.0037 | 25 | | 0.0548 | 1,98 | 218,65 | 0 | 30,25 | 663,98 | 55,11 | 980,347 | |
| 23/01/2012 12:30 | 0.0021 | | 0.0036 | 13 | | 0.0575 | 1,83 | 76,38 | 0 | 31,88 | 794,43 | 49,75 | 979,599 | |
| 23/01/2012 13:30 | 0.0021 | | 0.0036 | 23 | | 0.0585 | 2,09 | 164,95 | 0 | 32,18 | 552,16 | 46,15 | 978,752 | |
| 23/01/2012 14:30 | 0.0021 | | 0.0036 | 14 | | 0.0595 | 2,16 | 328,6 | 0 | 32,81 | 582,28 | 42,23 | 978,139 | |
| 23/01/2012 15:30 | 0.0024 | | 0.0036 | 29 | | 0.0583 | 3,07 | 218,36 | 0 | 31,43 | 498,55 | 48,7 | 977,566 | |
| 23/01/2012 16:30 | 0.0019 | | 0.0036 | 17 | | 0.0603 | 2,01 | 233,51 | 0 | 33,81 | 594,27 | 38,53 | 976,894 | |
| 23/01/2012 17:30 | 0.002 | | 0.0036 | 30 | | 0.0598 | 1,66 | 158,57 | 0 | 34,4 | 388,74 | 36,67 | 976,386 | |
| 23/01/2012 18:30 | 0.002 | | 0.0036 | 16 | | 0.0591 | 2,67 | 135,88 | 0 | 33,53 | 185,24 | 39,8 | 976,216 | |
| 23/01/2012 19:30 | 0.0022 | | 0.0037 | 21 | | 0.0534 | 6,24 | 101,11 | 0 | 29,89 | 33,26 | 60,29 | 976,403 | |
| 23/01/2012 20:30 | 0.0024 | | 0.0037 | 22 | | 0.0491 | 5,64 | 103,1 | 0 | 28,12 | 7,92 | 68,93 | 976,876 | |
| 23/01/2012 21:30 | 0.0025 | | 0.0037 | 13 | | 0.046 | 5,62 | 105,61 | 0 | 27,03 | 7,65 | 73,54 | 977,495 | |
| 23/01/2012 22:30 | 0.003 | | 0.0037 | 17 | | 0.0439 | 4,71 | 97,69 | 0 | 26,21 | 7,8 | 76,14 | 977,92 | |
| 23/01/2012 23:30 | 0.0031 | | 0.0037 | 9 | | 0.0409 | 3,62 | 80,23 | 0 | 25,73 | 8,01 | 76,12 | 978,032 | |
| 24/01/2012 00:30 | 0.0035 | | 0.0043 | 18 | | 0.0348 | 3,56 | 70,95 | 0 | 25,38 | 8,11 | 79,08 | 977,745 | |
| 24/01/2012 01:30 | 0.0053 | | 0.0052 | 16 | | 0.0291 | 2,74 | 60,51 | 0 | 24,85 | 7,85 | 82,13 | 977,12 | |
| 24/01/2012 02:30 | 0.0048 | | 0.0046 | 15 | | 0.0283 | 2,22 | 68,15 | 0 | 24,47 | 7,59 | 83,38 | 976,672 | |
| 24/01/2012 03:30 | 0.0039 | | 0.004 | 14 | | 0.0296 | 2,09 | 47,42 | 0 | 24,39 | 7,89 | 83,2 | 976,394 | |
| 24/01/2012 04:30 | 0.004 | | 0.0038 | 12 | | 0.028 | 1,73 | 43,14 | 0 | 24,12 | 7,9 | 84,35 | 976,348 | |
| 24/01/2012 05:30 | 0.0044 | | 0.0037 | 12 | | 0.027 | 1,41 | 11,32 | 0 | 24,24 | 8,8 | 83,18 | 976,532 | |
| 24/01/2012 06:30 | 0.0048 | | 0.0037 | 11 | | 0.0272 | 1,8 | 340,14 | 0 | 24,87 | 59,24 | 78,07 | 976,992 | |
| 24/01/2012 07:30 | 0.0043 | | 0.0037 | 22 | | 0.0312 | 3,34 | 323,71 | 0 | 26,77 | 298,15 | 69,01 | 977,576 | |
| 24/01/2012 08:30 | 0.0045 | | 0.0037 | 28 | | 0.0365 | 4,68 | 312,64 | 0 | 28,41 | 404,7 | 64,17 | 977,951 | |
| 24/01/2012 09:30 | 0.0041 | | 0.0038 | 35 | | 0.0416 | 5,31 | 298,22 | 0 | 28,29 | 300,11 | 62,51 | 978,511 | |
| 24/01/2012 10:30 | 0.0037 | | 0.0038 | 39 | | 0.0447 | 4,64 | 260,92 | 0 | 27,51 | 159,18 | 63,98 | 978,818 | |
| 24/01/2012 11:30 | 0.0032 | | 0.0037 | 985 | IE | 0.0373 | 6,24 | 240,55 | 13 | 23,47 | 32,95 | 84,15 | 979,555 | |
| 24/01/2012 12:30 | 0.0029 | | 0.0037 | 985 | IE | 0.0358 | 3,93 | 190,93 | 0,2 | 22,13 | 464,95 | 88,35 | 978,255 | |
| 24/01/2012 13:30 | 0.0024 | | 0.0037 | 985 | IE | 0.0428 | 2,81 | 5,17 | 0 | 26,87 | 882,64 | 68,48 | 977,655 | |
| 24/01/2012 14:30 | 0.0024 | | 0.0036 | 6 | | 0.0479 | 3,97 | 348,5 | 0 | 27,91 | 880,34 | 63,34 | 977,171 | |
| 24/01/2012 15:30 | 0.0025 | | 0.0037 | 6 | | 0.0503 | | | | | | | | |

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|------------------|--------|--------|----|--------|------|--------|---|-------|---------|-------|---------|
| 26/01/2012 04:30 | 0.0024 | 0.0036 | 15 | 0.0137 | 4.51 | 157.31 | 0 | 16.07 | 7.05 | 83.89 | 990.077 |
| 26/01/2012 05:30 | 0.0023 | 0.0036 | 17 | 0.0144 | 5.14 | 154.23 | 0 | 15.76 | 8.11 | 83.14 | 990.563 |
| 26/01/2012 06:30 | 0.0021 | 0.0036 | 16 | 0.0148 | 4.47 | 151.75 | 0 | 15.88 | 79.75 | 82.55 | 991.276 |
| 26/01/2012 07:30 | 0.0017 | 0.0037 | 17 | 0.0164 | 4.36 | 145.13 | 0 | 17.45 | 283.49 | 76.98 | 991.862 |
| 26/01/2012 08:30 | 0.0016 | 0.0036 | 25 | 0.018 | 4.69 | 133.91 | 0 | 19.17 | 507.01 | 71.3 | 992.334 |
| 26/01/2012 09:30 | 0.0014 | 0.0037 | 17 | 0.0216 | 5.24 | 103.34 | 0 | 20.68 | 636.9 | 59.23 | 992.412 |
| 26/01/2012 10:30 | 0.0014 | 0.0037 | 19 | 0.0233 | 5.2 | 103.15 | 0 | 21.73 | 839.06 | 52.65 | 992.278 |
| 26/01/2012 11:30 | 0.0014 | 0.0037 | 20 | 0.0245 | 5.51 | 103.77 | 0 | 22.72 | 876.63 | 47.9 | 992.006 |
| 26/01/2012 12:30 | 0.0015 | 0.0036 | 18 | 0.0245 | 5.65 | 110.35 | 0 | 22.91 | 866.05 | 50.41 | 991.775 |
| 26/01/2012 13:30 | 0.0014 | 0.0037 | 16 | 0.0251 | 5.96 | 110.4 | 0 | 23.59 | 861.47 | 44.96 | 991.222 |
| 26/01/2012 14:30 | 0.0014 | 0.0036 | 19 | 0.025 | 7.01 | 117.7 | 0 | 24.12 | 871.5 | 41.51 | 990.653 |
| 26/01/2012 15:30 | 0.0013 | 0.0036 | 16 | 0.0256 | 6.35 | 111.39 | 0 | 24.45 | 699.36 | 37.38 | 990.303 |
| 26/01/2012 16:30 | 0.0013 | 0.0036 | 17 | 0.0258 | 6.85 | 114.21 | 0 | 24.48 | 604.67 | 36.6 | 989.925 |
| 26/01/2012 17:30 | 0.0013 | 0.0037 | 17 | 0.0246 | 7.48 | 113.07 | 0 | 23.69 | 425.9 | 46.19 | 989.791 |
| 26/01/2012 18:30 | 0.0015 | 0.0037 | 27 | 0.0238 | 7.44 | 111.55 | 0 | 22.39 | 197.27 | 52.74 | 990.016 |
| 26/01/2012 19:30 | 0.0017 | 0.0037 | 21 | 0.0227 | 6.61 | 111.34 | 0 | 20.91 | 30.97 | 58.85 | 990.473 |
| 26/01/2012 20:30 | 0.0018 | 0.0037 | 18 | 0.0212 | 6.33 | 108.52 | 0 | 19.32 | 8.58 | 66.44 | 990.972 |
| 26/01/2012 21:30 | 0.0019 | 0.0037 | 21 | 0.0203 | 6.33 | 108.15 | 0 | 18.39 | 8.1 | 66.34 | 991.31 |
| 26/01/2012 22:30 | 0.002 | 0.0037 | 10 | 0.0186 | 5.43 | 103.11 | 0 | 17.69 | 8.97 | 72.64 | 991.762 |
| 26/01/2012 23:30 | 0.0021 | 0.0037 | 11 | 0.0175 | 4.91 | 107.61 | 0 | 17.16 | 9.05 | 76.02 | 991.72 |
| 27/01/2012 00:30 | 0.002 | 0.0037 | 13 | 0.0176 | 5.1 | 113.26 | 0 | 16.98 | 9.11 | 76.83 | 991.411 |
| 27/01/2012 01:30 | 0.002 | 0.0037 | 21 | 0.0178 | 4.61 | 111.09 | 0 | 16.93 | 9.17 | 77.29 | 991.065 |
| 27/01/2012 02:30 | 0.002 | 0.0037 | 16 | 0.0175 | 4.58 | 107.66 | 0 | 16.84 | 9.2 | 78.43 | 990.822 |
| 27/01/2012 03:30 | 0.002 | 0.0037 | 15 | 0.0166 | 4.17 | 99.42 | 0 | 16.56 | 9.22 | 80.33 | 990.636 |
| 27/01/2012 04:30 | 0.0021 | 0.0037 | 12 | 0.0165 | 3.84 | 101.53 | 0 | 16.54 | 9.24 | 81.06 | 990.784 |
| 27/01/2012 05:30 | 0.0024 | 0.0037 | 13 | 0.0164 | 3.69 | 102.47 | 0 | 16.53 | 10.12 | 81.43 | 990.955 |
| 27/01/2012 06:30 | 0.0021 | 0.0037 | 26 | 0.0163 | 3.87 | 109.28 | 0 | 16.72 | 64.24 | 81.17 | 991.264 |
| 27/01/2012 07:30 | 0.0016 | 0.0037 | 17 | 0.0179 | 4.59 | 101.18 | 0 | 18.08 | 226.08 | 76.95 | 991.557 |
| 27/01/2012 08:30 | 0.0015 | 0.0037 | 15 | 0.0199 | 5.13 | 86.25 | 0 | 19.49 | 501.22 | 71.5 | 991.724 |
| 27/01/2012 09:30 | 0.0014 | 0.0037 | 15 | 0.0216 | 5.65 | 81.63 | 0 | 21.12 | 716.51 | 62.93 | 991.545 |
| 27/01/2012 10:30 | 0.0013 | 0.0037 | 17 | 0.0239 | 5.7 | 83.09 | 0 | 22.71 | 782.15 | 50.4 | 991.255 |
| 27/01/2012 11:30 | 0.0013 | 0.0037 | 15 | 0.0251 | 5.45 | 89.32 | 0 | 23.49 | 917.9 | 45.37 | 990.782 |
| 27/01/2012 12:30 | 0.0013 | 0.0037 | 16 | 0.0264 | 5.28 | 92.63 | 0 | 24.45 | 914.53 | 42.04 | 989.998 |
| 27/01/2012 13:30 | 0.0014 | 0.0037 | 12 | 0.029 | 5.11 | 95.2 | 0 | 24.78 | 574.84 | 38.54 | 989.422 |
| 27/01/2012 14:30 | 0.0014 | 0.0037 | 12 | 0.0312 | 6.53 | 96.9 | 0 | 24.9 | 566.6 | 40.04 | 988.759 |
| 27/01/2012 15:30 | 0.0013 | 0.0037 | 17 | 0.0304 | 5.72 | 89.84 | 0 | 25.62 | 696.28 | 36.76 | 988.198 |
| 27/01/2012 16:30 | 0.0013 | 0.0037 | 13 | 0.0292 | 6.43 | 100.32 | 0 | 25.73 | 462.86 | 35.15 | 987.644 |
| 27/01/2012 17:30 | 0.0014 | 0.0037 | 17 | 0.0274 | 7.5 | 99.68 | 0 | 25.1 | 356.95 | 40.31 | 987.381 |
| 27/01/2012 18:30 | 0.0014 | 0.0037 | 32 | 0.0274 | 7.62 | 83.21 | 0 | 24.05 | 191.83 | 47.31 | 987.381 |
| 27/01/2012 19:30 | 0.0015 | 0.0037 | 17 | 0.0251 | 7.74 | 91.49 | 0 | 21.62 | 29.79 | 53.75 | 987.951 |
| 27/01/2012 20:30 | 0.0017 | 0.0037 | 9 | 0.022 | 6.6 | 95.98 | 0 | 20.1 | 8.09 | 61.67 | 988.573 |
| 27/01/2012 21:30 | 0.0018 | 0.0037 | 11 | 0.0207 | 5.94 | 98.31 | 0 | 19.24 | 8.14 | 67.14 | 989.192 |
| 27/01/2012 22:30 | 0.0019 | 0.0037 | 11 | 0.0195 | 5.28 | 89.87 | 0 | 18.39 | 8.9 | 71.26 | 989.478 |
| 27/01/2012 23:30 | 0.0021 | 0.0037 | 10 | 0.0191 | 5.28 | 84.44 | 0 | 17.79 | 9.09 | 76.97 | 989.468 |
| 28/01/2012 00:30 | 0.0021 | 0.0037 | 10 | 0.0184 | 5.04 | 85.95 | 0 | 17.22 | 9.19 | 80.61 | 989.314 |
| 28/01/2012 01:30 | 0.0022 | 0.0037 | 10 | 0.0174 | 4.27 | 88.24 | 0 | 16.77 | 9.18 | 83.31 | 989.114 |
| 28/01/2012 02:30 | 0.0022 | 0.0037 | 12 | 0.0169 | 3.98 | 90.62 | 0 | 16.45 | 9.2 | 84.26 | 988.531 |
| 28/01/2012 03:30 | 0.002 | 0.0037 | 11 | 0.0166 | 4.03 | 97.26 | 0 | 16.18 | 9.21 | 85.36 | 988.176 |
| 28/01/2012 04:30 | 0.0021 | 0.0037 | 7 | 0.0163 | 4.11 | 108.66 | 0 | 15.93 | 9.27 | 86.28 | 988.1 |
| 28/01/2012 05:30 | 0.002 | 0.0037 | 9 | 0.0166 | 4.56 | 111.55 | 0 | 16 | 10.04 | 86.19 | 988.216 |
| 28/01/2012 06:30 | 0.0018 | 0.0037 | 10 | 0.0162 | 4.57 | 113.22 | 0 | 16.15 | 78.23 | 86.91 | 988.526 |
| 28/01/2012 07:30 | 0.0016 | 0.0037 | 11 | 0.0176 | 4.8 | 96.92 | 0 | 17.63 | 280.27 | 82 | 988.882 |
| 28/01/2012 08:30 | 0.0015 | 0.0037 | 12 | 0.0191 | 5.59 | 81.78 | 0 | 19.25 | 499.49 | 76.73 | 988.965 |
| 28/01/2012 09:30 | 0.0015 | 0.0045 | 11 | 0.0236 | 5.38 | 63.57 | 0 | 21.87 | 678.27 | 63.63 | 988.613 |
| 28/01/2012 10:30 | 0.0018 | 0.0079 | 16 | 0.0282 | 5.29 | 54.09 | 0 | 24.18 | 875.65 | 57.65 | 988.166 |
| 28/01/2012 11:30 | 0.0018 | 0.0097 | 16 | 0.0327 | 4.23 | 50.69 | 0 | 25.55 | 835.47 | 42.11 | 987.392 |
| 28/01/2012 12:30 | 0.0017 | 0.0083 | 17 | 0.0348 | 4.21 | 57.1 | 0 | 26.69 | 892.61 | 37.2 | 986.502 |
| 28/01/2012 13:30 | 0.0014 | 0.0049 | 10 | 0.0337 | 3.91 | 56.74 | 0 | 27.51 | 672.12 | 33.99 | 985.73 |
| 28/01/2012 14:30 | 0.0015 | 0.005 | 11 | 0.0348 | 4.23 | 44.77 | 0 | 28.18 | 648.89 | 31.62 | 985.097 |
| 28/01/2012 15:30 | 0.0017 | 0.0078 | 14 | 0.0389 | 4.13 | 56.7 | 0 | 28.84 | 689.81 | 30.9 | 984.457 |
| 28/01/2012 16:30 | 0.0017 | 0.0068 | 17 | 0.0381 | 4.97 | 74.84 | 0 | 28.8 | 538.37 | 32.49 | 983.971 |
| 28/01/2012 17:30 | 0.0016 | 0.0054 | 18 | 0.0376 | 4.33 | 75.52 | 0 | 28.8 | 300.7 | 31.87 | 983.55 |
| 28/01/2012 18:30 | 0.0015 | 0.0039 | 15 | 0.0325 | 5.56 | 87.66 | 0 | 28.15 | 204.07 | 37.23 | 983.356 |
| 28/01/2012 19:30 | 0.0016 | 0.0038 | 21 | 0.0277 | 5.93 | 90.24 | 0 | 25.34 | 29.42 | 51.54 | 983.812 |
| 28/01/2012 20:30 | 0.0021 | 0.0039 | 16 | 0.0244 | 6.39 | 92.17 | 0 | 23.04 | 7.29 | 61.71 | 984.392 |
| 28/01/2012 21:30 | 0.0027 | 0.004 | 11 | 0.0227 | 6.85 | 80.13 | 0 | 21.62 | 7.94 | 70.9 | 984.955 |
| 28/01/2012 22:30 | 0.0024 | 0.0039 | 16 | 0.0209 | 5.76 | 70.85 | 0 | 20.55 | 8.85 | 75.93 | 985.699 |
| 28/01/2012 23:30 | 0.0019 | 0.0038 | 14 | 0.0201 | 5.4 | 64.7 | 0 | 19.88 | 9.11 | 74.85 | 985.947 |
| 29/01/2012 00:30 | 0.0018 | 0.0038 | 12 | 0.0197 | 5.37 | 68.31 | 0 | 19.18 | 9.15 | 77.06 | 985.777 |
| 29/01/2012 01:30 | 0.0018 | 0.0038 | 10 | 0.019 | 5.33 | 69.04 | 0 | 18.53 | 9.25 | 80.22 | 985.532 |
| 29/01/2012 02:30 | 0.0022 | 0.0038 | 9 | 0.0181 | 5.04 | 72.05 | 0 | 18.01 | 9.26 | 81.17 | 985 |
| 29/01/2012 03:30 | 0.003 | 0.0038 | 9 | 0.017 | 4.55 | 69.18 | 0 | 17.75 | 9.24 | 82.93 | 984.923 |
| 29/01/2012 04:30 | 0.0041 | 0.0046 | 6 | 0.015 | 3.78 | 66.48 | 0 | 17.39 | 9.3 | 85.69 | 984.971 |
| 29/01/2012 05:30 | 0.0051 | 0.0082 | 6 | 0.0135 | 3.65 | 61.89 | 0 | 17.19 | 10.15 | 87.73 | 985.113 |
| 29/01/2012 06:30 | 0.0046 | 0.0134 | 11 | 0.0142 | 3.68 | 64.12 | 0 | 17.59 | 77.62 | 87.58 | 985.376 |
| 29/01/2012 07:30 | 0.0023 | 0.0079 | 10 | 0.0176 | 4.06 | 52.84 | 0 | 18.98 | 278.3 | 82.07 | 985.478 |
| 29/01/2012 08:30 | 0.0017 | 0.0049 | 7 | 0.0216 | 4.91 | 43.27 | 0 | 21.3 | 497.16 | 68.65 | 985.539 |
| 29/01/2012 09:30 | 0.0014 | 0.004 | 10 | 0.0254 | 4.62 | 39.57 | 0 | 24.19 | 701.19 | 53.67 | 985.279 |
| 29/01/2012 10:30 | 0.0013 | 0.0039 | 12 | 0.0293 | 3.96 | 35.69 | 0 | 26.73 | 868.4 | 42.99 | 985.021 |
| 29/01/2012 11:30 | 0.0014 | 0.0039 | 13 | 0.0339 | 3.11 | 37.76 | 0 | 28.46 | 977.86 | 36.02 | 984.512 |
| 29/01/2012 12:30 | 0.0014 | 0.0039 | 13 | 0.0374 | 2.62 | 52.43 | 0 | 29.52 | 1021.82 | 32.2 | 983.83 |
| 29/01/2012 13:30 | 0.0014 | 0.0039 | 12 | 0.0389 | 2.15 | 67.2 | 0 | 30.42 | 1011.16 | 29.81 | 983.2 |
| 29/01/2012 14:30 | 0.0015 | 0.0043 | 17 | 0.0421 | 2.34 | 107.17 | 0 | 30.92 | 938.97 | 28.1 | 982.625 |
| 29/01/2012 15:30 | 0.0015 | 0.0045 | 19 | 0.0442 | 2.4 | 139.19 | 0 | 31.36 | 803.92 | 26.69 | 981.919 |
| 29/01/2012 16:30 | 0.0015 | 0.0045 | 15 | 0.0453 | 1.78 | 266.07 | 0 | 32.13 | 619 | 25.13 | 981.462 |
| 29/01/2012 17:30 | 0.0016 | 0.0044 | 18 | 0.0463 | 2.43 | 83.65 | 0 | 32.16 | 408.17 | 26.23 | 980.984 |
| 29/01/2012 18:30 | 0.0017 | 0.004 | 20 | 0.0388 | 3.22 | 83.15 | 0 | 30.86 | 185.96 | 30.53 | 980.676 |
| 29/01/2012 19:30 | 0.0022 | 0.0039 | 49 | 0.0302 | 4.11 | 100.32 | 0 | 28.07 | 26.52 | 41.43 | 980.99 |
| 29/01/2012 20:30 | 0.0019 | 0.0038 | 19 | 0.0244 | 6.29 | 98.96 | 0 | 24.74 | 6.73 | 61.91 | 981.652 |
| 29/01/2012 21:30 | 0.0019 | 0.0039 | 14 | 0.022 | 5.9 | 88.35 | 0 | 22.92 | 7.31 | 70.27 | 982.603 |
| 29/01/2012 22:30 | 0.002 | 0.0039 | 12 | 0.0204 | 5.63 | 76.77 | 0 | 21.69 | 7.69 | 75.67 | 982.997 |
| 29/01/2012 23:30 | 0.002 | 0.0038 | 11 | 0.0191 | 5.17 | 70.23 | 0 | 20.71 | 8.86 | 81.6 | 983.008 |
| 30/01/2012 00:30 | 0.0021 | 0.0038 | 12 | 0.0174 | 4.5 | 67.09 | 0 | 20.03 | 9.19 | 85.23 | 982.971 |
| 30/01/2012 01:30 | 0. | | | | | | | | | | |

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|------------------|--------|--------|-----|----|--------|------|--------|---|-------|--------|-------|---------|
| 31/01/2012 07:30 | 0.0023 | 0,004 | 985 | IE | 0,0267 | 2,97 | 40,84 | 0 | 22,27 | 281,45 | 62,88 | 981,455 |
| 31/01/2012 08:30 | 0.0023 | 0,004 | 23 | | 0,0311 | 3,73 | 4,32 | 0 | 24,23 | 495,79 | 55,81 | 981,949 |
| 31/01/2012 09:30 | 0.0022 | 0,0041 | 19 | | 0,0388 | 4,68 | 355,58 | 0 | 27,01 | 629,63 | 44,04 | 982,079 |
| 31/01/2012 10:30 | 0.0019 | 0,004 | 24 | | 0,046 | 4,53 | 347,93 | 0 | 29,82 | 814,94 | 35,41 | 981,955 |
| 31/01/2012 11:30 | 0.0017 | 0,0041 | 21 | | 0,0494 | 4,06 | 338,52 | 0 | 32,16 | 935,39 | 30,81 | 981,522 |
| 31/01/2012 12:30 | 0.0016 | 0,004 | 13 | | 0,0514 | 3,75 | 312,66 | 0 | 34,11 | 943,28 | 25,91 | 981,209 |
| 31/01/2012 13:30 | 0.0016 | 0,0039 | 30 | | 0,0531 | 3,09 | 307,32 | 0 | 35,37 | 979,96 | 24,21 | 980,683 |
| 31/01/2012 14:30 | 0.0016 | 0,0039 | 21 | | 0,0535 | 2,16 | 312,21 | 0 | 35,88 | 639,19 | 23,87 | 980,127 |
| 31/01/2012 15:30 | 0.0016 | 0,0038 | 23 | | 0,0539 | 1,97 | 342,19 | 0 | 35,87 | 481,42 | 24,1 | 979,427 |
| 31/01/2012 16:30 | 0.0019 | 0,0039 | 31 | | 0,0535 | 1,35 | 319,17 | 0 | 35,23 | 160,24 | 25,6 | 979,273 |
| 31/01/2012 17:30 | 0.0026 | 0,0039 | 42 | | 0,0461 | 5,51 | 172,58 | 0 | 28,74 | 88,39 | 49,59 | 979,752 |
| 31/01/2012 18:30 | 0.0022 | 0,0039 | 22 | | 0,0445 | 6,36 | 146,09 | 0 | 28,99 | 57,61 | 44,58 | 979,939 |
| 31/01/2012 19:30 | 0.0023 | 0,0039 | 985 | IE | 0,0374 | 5,26 | 160,75 | 0 | 28,83 | 11,24 | 52,91 | 980,795 |
| 31/01/2012 20:30 | 0.0027 | 0,0041 | 985 | IE | 0,0362 | 4,34 | 155,41 | 0 | 28,02 | 7,89 | 56,4 | 981,899 |
| 31/01/2012 21:30 | 0.0026 | 0,0041 | 27 | | 0,0342 | 4,29 | 134,35 | 0 | 27,06 | 7,24 | 62,69 | 982,121 |
| 31/01/2012 22:30 | 0.0028 | 0,0043 | 33 | | 0,0345 | 4,78 | 111,25 | 0 | 26,3 | 7,35 | 62,58 | 982,219 |
| 31/01/2012 23:30 | 0.0028 | 0,0043 | 17 | | 0,0347 | 3,32 | 101,02 | 0 | 25,67 | 7,15 | 60,69 | 982,205 |