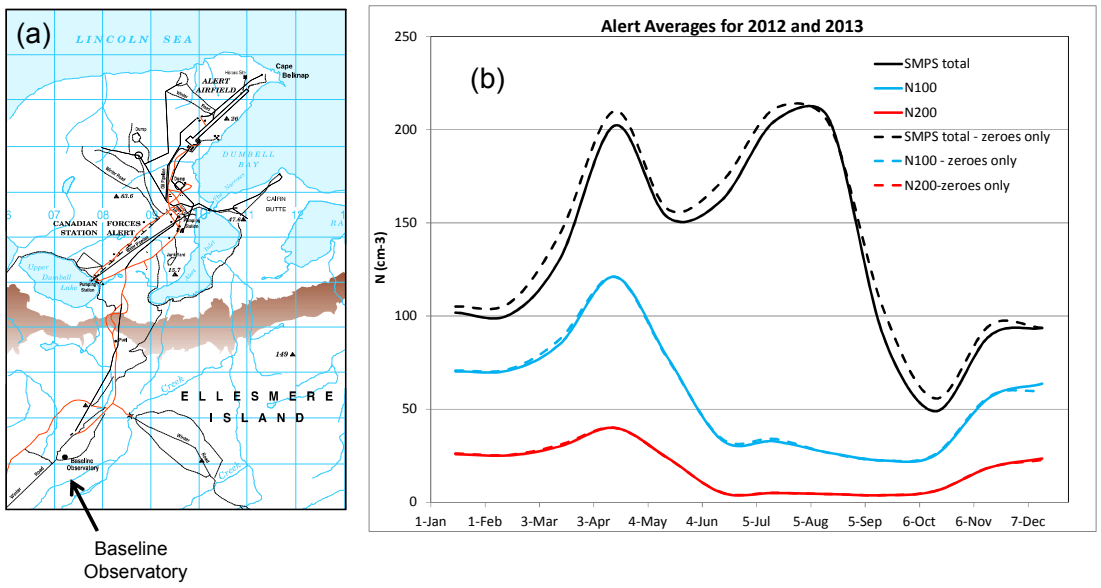

Figure S1. a) Location of Alert observatory relative to Alert station and air strip; b) monthly averages of number concentrations from SMPS with and without (zeroes only removed) the potential station Influence removed (by wind sectoring and event removal). Variations in the volume estimated from the SMPS are represented by N200 (number concentrations of particles larger than 200 nm): N200 and volume correlate with a r^2 of 0.997.

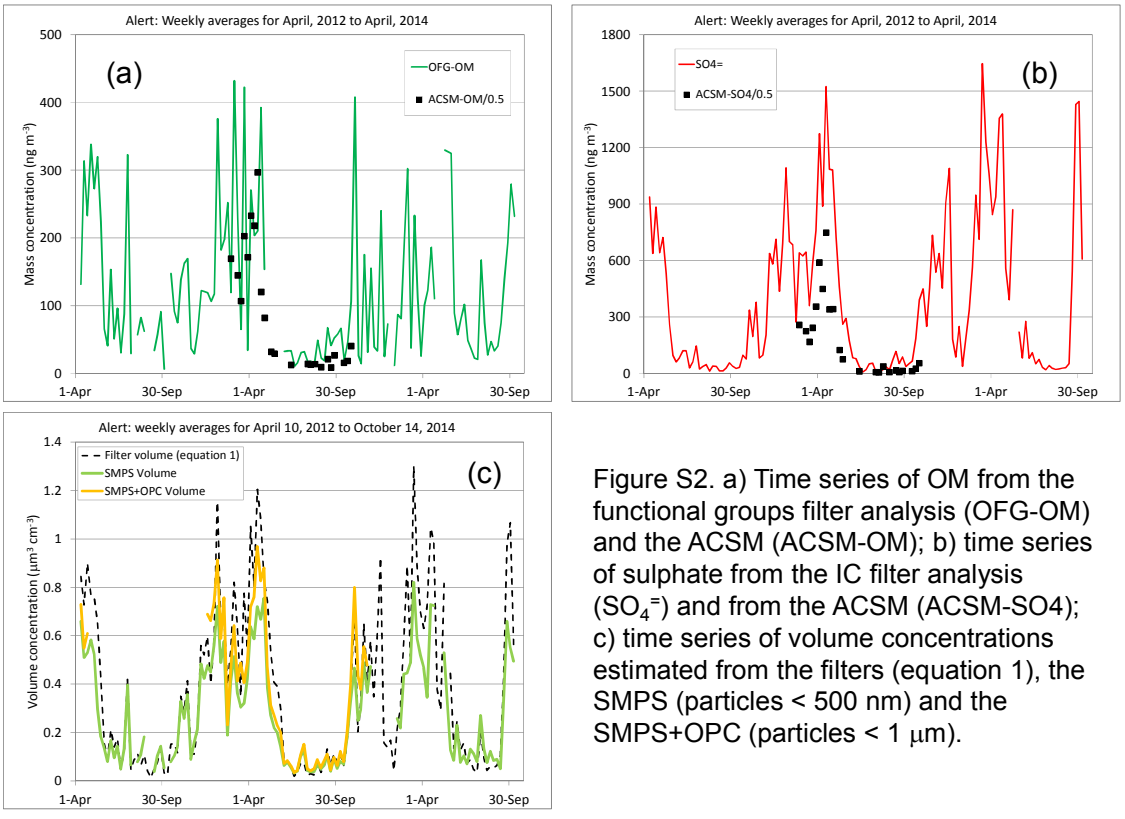

Figure S2. a) Time series of OM from the functional groups filter analysis (OFG-OM) and the ACSM (ACSM-OM); b) time series of sulphate from the IC filter analysis ($SO_4^=$) and from the ACSM (ACSM-SO4); c) time series of volume concentrations estimated from the filters (equation 1), the SMPS (particles < 500 nm) and the SMPS+OPC (particles < 1 µm).

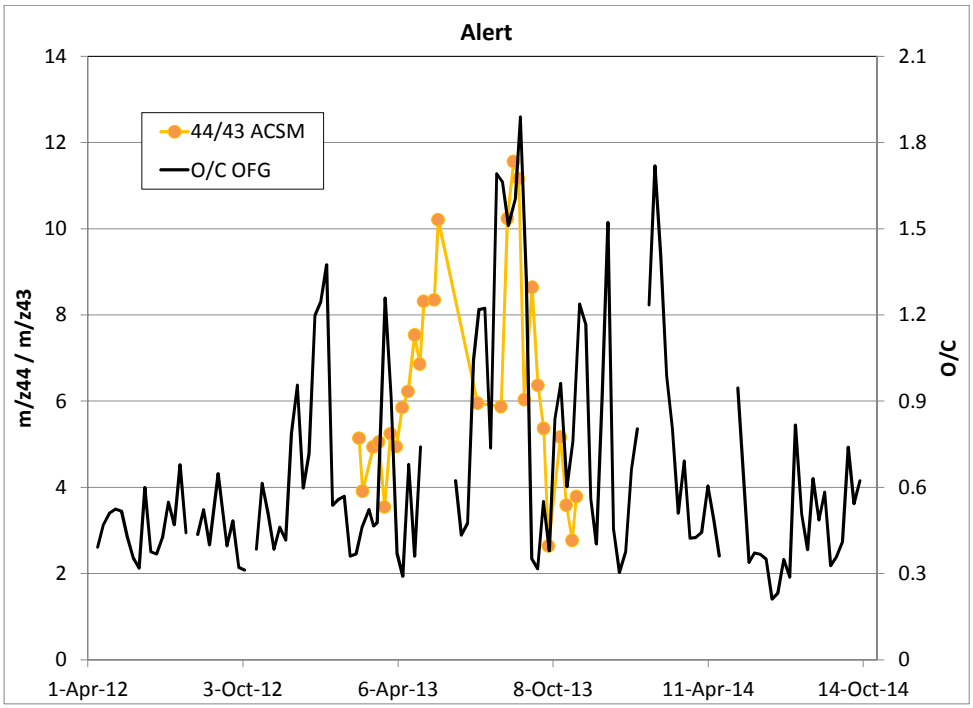

Figure S3. Time series of O/C calculated from the OFG as described in the text, and the ratio of m/z44 to m/z43 from the ACSM.

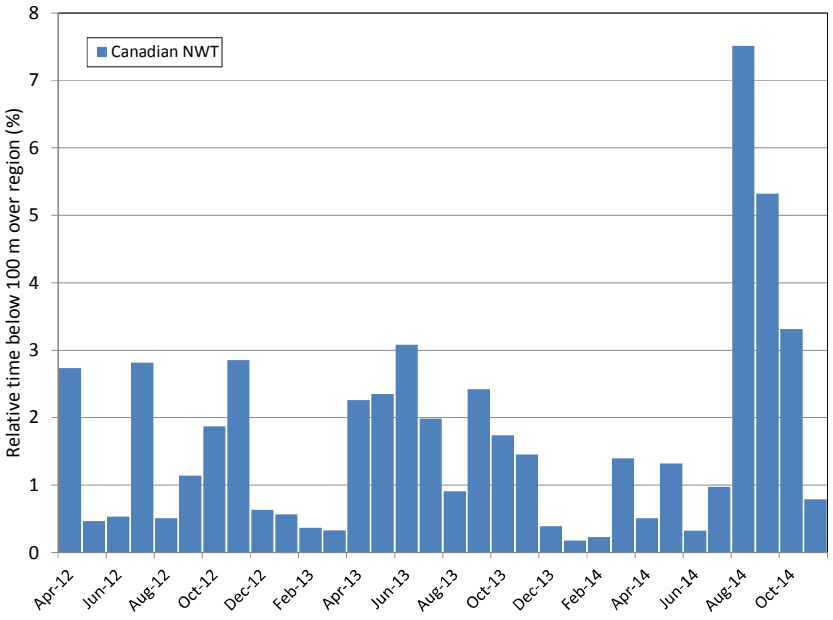

Figure S4. Monthly-averaged percentage of previous 10 days spent below 100 m over indicated regions that are identified in Fig. 1: a) regions 1-10; b) region 11 (Canadian NWT). All results from the FLEXPART trajectory analyses.

Table S1. Weekly-based coefficients of determination (r^2) for particle mass concentration linear regressions with times spent over indicated regions. Values in bold indicate p of slope is <0.10. Values shaded gray indicate p of slope is <0.05. A minus sign in brackets indicates a negative slope. Uncertainties in the times over regions are <75%.

Particle species	99 weeks with region 1	99 weeks with regions 1,4,6 and 7	30 dark# weeks with region 1	19 spring& weeks with region 1
nss-$SO_4^=$	**0.07**	**0.05**	0.04	**0.19**
EC	**0.13**	**0.14**	0.08	0.12
ss-Na^+	**0.18**	**0.16**	0.09	0.08
NO_3^-	**0.04**	**0.03**	0.00	0.01(-)
NH_4^+	**0.03**	0.03	0.05	0.00
nss-K^+	**0.12**	**0.11**	0.05	0.20
nss-Mg^{++}	**0.20**	**0.17**	**0.14**	0.15
nss-Ca^{++}	**0.04**	**0.03**	0.00	**0.44**
MSA	**0.07(-)**	**0.08(-)**	0.00	0.05(-)
OM	0.01	0.01	**0.03**	0.05(-)
Alkane groups	0.01(-)	0.01(-)	0.00	0.13(-)
Alcohol groups	**0.05**	**0.03**	0.05	0.05(-)
Acid groups	0.00	0.00	0.02	0.12(-)
Amine groups	**0.12**	**0.10**	**0.15**	0.09

- Weeks during all Novembers, Decembers, Januarys and Februarys.
& - Weeks during all March, April and May.

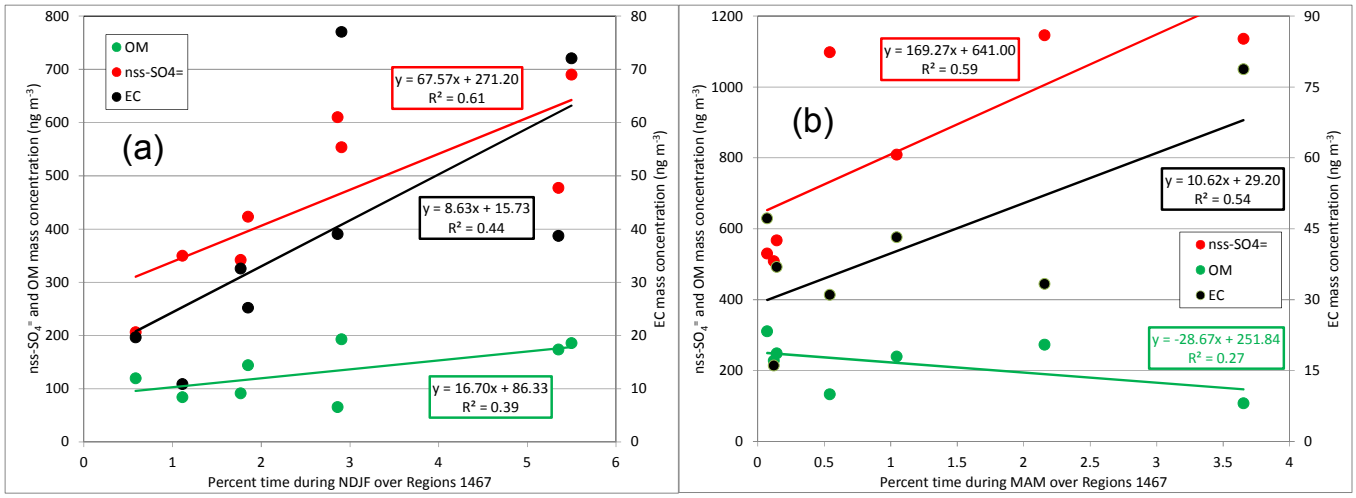

Figure S5. Plots of nss-$SO_4^=$, EC and OM versus time spent over Regions 1467 (see text for definition of regions): a) dark months (NDJF); b) spring months (MAM).

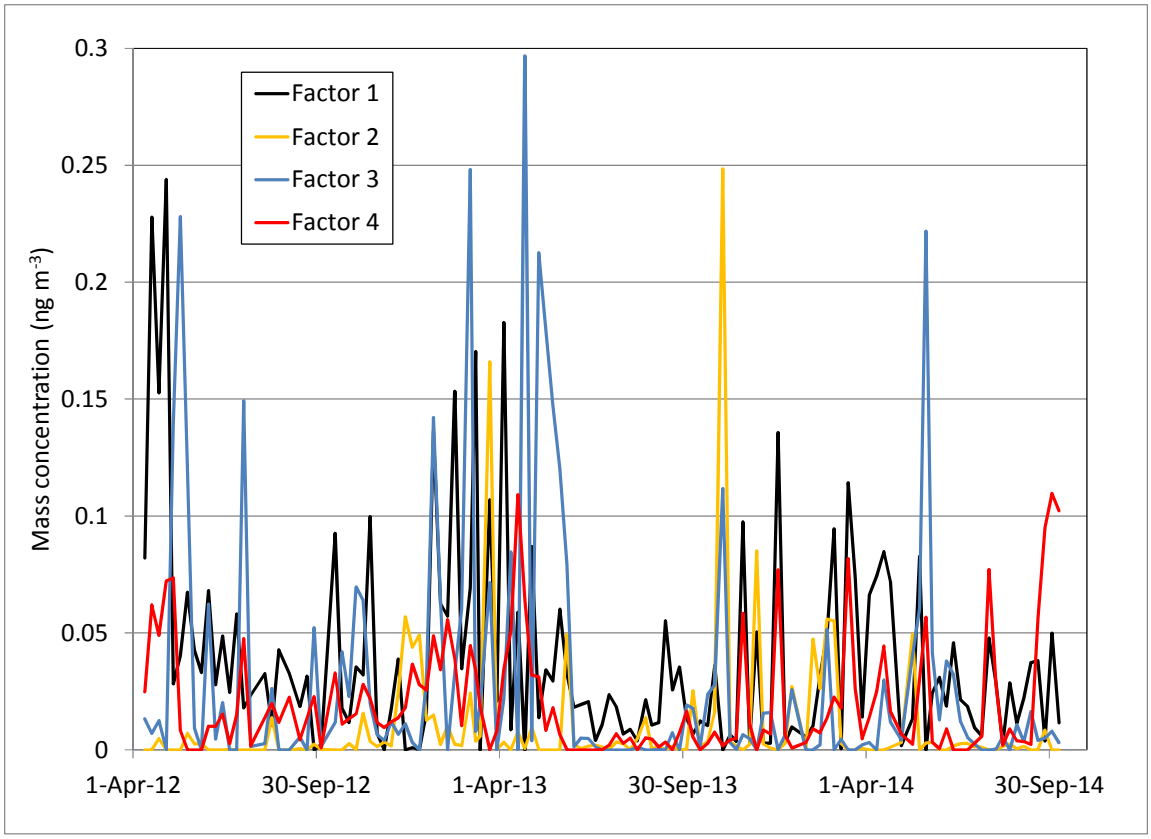

Figure S6. Time series of factor concentrations from PMF analysis.

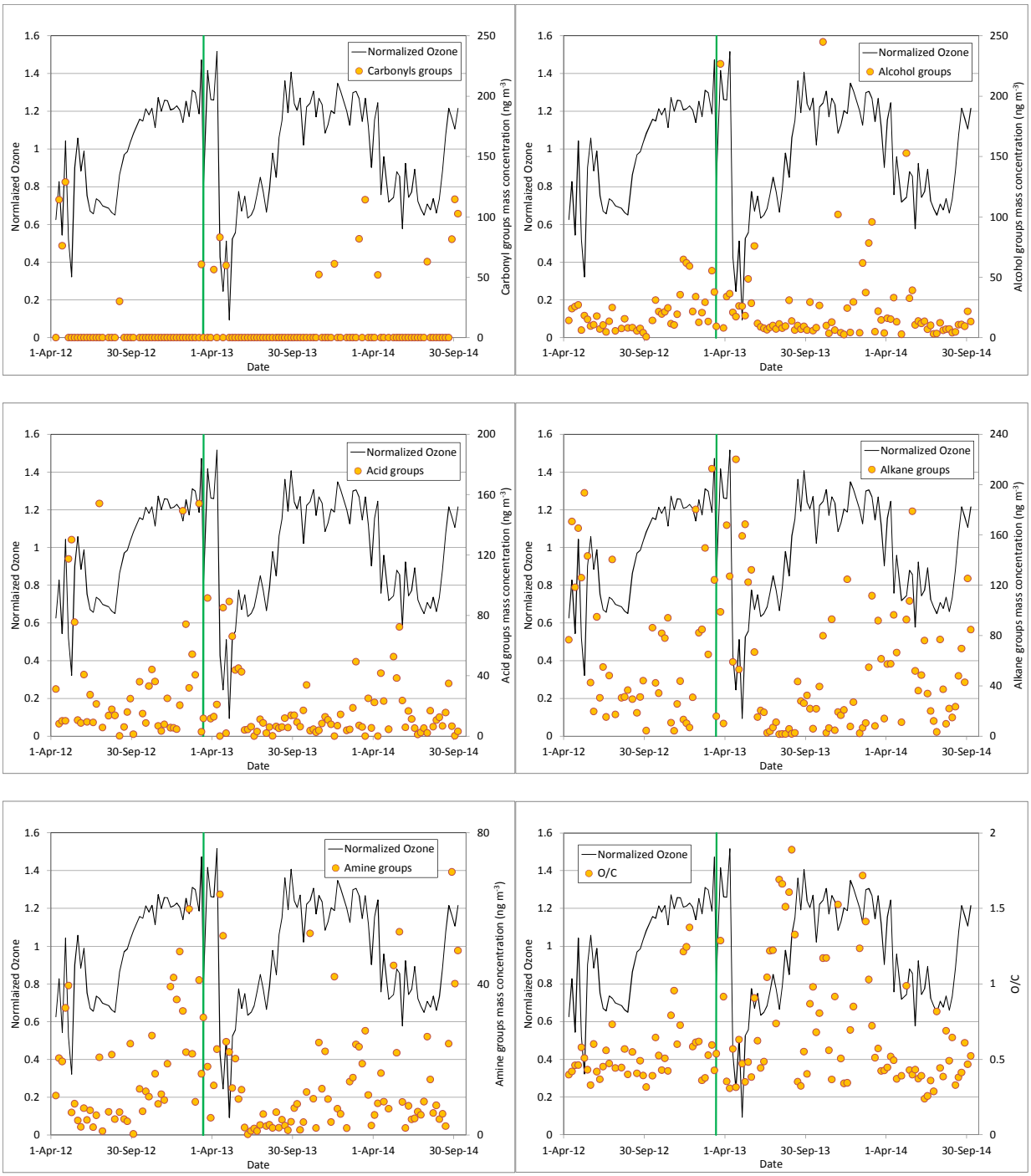

Figure S7. Time series of normalized ozone with carbonyl groups (a), alcohol groups (b), acid groups (c), alkane groups (d), amine groups (e) and O/C. All values are weekly averaged. The green line indicates time when problem with ozone inlet occurred (March 11, 2013). Ozone values before then are normalized to the average of values before March 11, 2013, and values after then are normalized to the average of values after March 11, 2013.

Units are	Mid-point Date/time	Alkane	Carbonyl	Amine	Acid	Alcohol	OM	OC	O/C	Cl-	NO2-	Br-	NO3-	SO4=	C2O4=	Na+	NH4+	K+	Mg++	Ca++	MSA	NSS-SO4=	EC	Units are	Filter volume (ug	SMPS Vol.est.(u	Vol>0.5um	Total Vol
ng m-3	12/04/2012 13:17	76.613979	0	10.451915	31.124906	14.167036	132.357836	80.51537058	0.397298002	1.668292794	0.872235274	4.684931819	7.374006505	937.9957189	7.423522044	32.97734934	321.7938737	9.255597007	5.759038138	1.664483906	1.900392696	936.9404438	43.1	ug m-3	0.735428365	0.65930413	0.06962818	0.72893231
	19/04/2012 14:52	170.596561	114.200943	20.365349	8.203351	24.016115	337.382319	209.1757048	0.419733441	5.413406123	0.515139549	2.571256887	15.34760588	637.0810739	4.720632247	27.22690151	85.90396066	5.995158545	4.73839568	5.293502952	2.05735012	636.209813	56.2		0.446472609	0.509999028	0.038521734	0.548520762
	26/04/2012 18:40	118.251399	76.119132	19.477447	10.059807	25.705297	249.613082	148.681203	0.460934077	5.266233798	0.414720381	4.165079684	12.83130557	884.6486242	10.14634862	53.57758296	291.3911198	10.42521232	9.130998723	4.783585079	5.829857386	882.9341415	30.3		0.691926233	0.530012608	0.079156995	0.609169603
	04/05/2012 4:20	165.307511	128.893351	33.643619	10.095012	27.122712	365.062205	215.8751856	0.46184091	2.27532708	-0.124743809	2.312750222	14.38545608	640.6542655	8.667199862	21.51456477	113.7588693	8.390268606	4.90991633	10.22774492	10.02350886	639.9657994	57.6		0.461293642	0.582877011		
	11/05/2012 2:57	125.863072	0	39.593857	117.416605	6.124537	288.998071	151.5897578	0.578909824	6.106989943	-0.12488732	4.128774796	20.30667822	722.5693089	11.81309159	50.87909413	112.9081282	11.21363245	10.51676121	7.987792981	16.36151775	720.9411779	56.2		0.517286797	0.524166102		
	18/05/2012 1:52	193.441086	0	5.98779	130.094968	18.183718	347.707562	206.8752489	0.508333021	0.795464675	-0.123327857	2.09040717	5.645949276	530.5416398	4.702491173	16.00918907	84.61154259	6.763299657	2.952468887	-0.443980284	10.93901266	530.0293458	33.9		0.366497711	0.296524196		
	25/05/2012 1:35	143.148176	0	8.285958	75.493417	15.166974	242.094525	149.0464231	0.430974087	6.394115029	-0.124714551	1.066309411	3.445863044	259.0346167	3.528174647	7.602599028	85.07278381	4.53836251	1.504057485	-0.448972384	4.734985476	258.7913335	41.1		0.215752752	0.181899106		
	01/06/2012 1:15	42.459696	0	3.882364	10.518514	9.506219	66.366793	42.73767197	0.329752498	3.848933467	-0.124560954	-0.124560954	2.152413279	96.9445446	1.636730931	5.134402509	40.39511726	1.505941929	0.758576208	-0.448419433	8.281913814	96.78024372	38.4		0.098365474	0.137021398		
	08/06/2012 0:55	19.640879	0	2.161119	8.627849	10.618298	41.048145	22.49518575	0.601106456	0.680159398	-0.125259558	-0.125259558	0.60876145	61.72916259	1.337772075	0.683917185	17.92840048	0.691432758	-0.450934407	-0.450934407	1.633843582	61.70727724	27.8		0.059229402	0.080435266		
	15/06/2012 1:00	94.793122	0	7.115571	40.682944	17.790852	160.382489	98.68173459	0.418581398	2.842337188	-0.125323509	-0.125323509	2.161830533	84.28131315	1.541479163	3.169431547	26.77662097	1.173028046	-0.451164633	1.455005941	7.18963477	84.17989134	25.8		0.077687784	0.167020088		
	22/06/2012 1:02	30.499187	0	3.979546	9.4581954	7.036864	50.9737924	31.58538011	0.367924576	2.303175603	-0.126063251	0.756379508	2.473360993	120.5290747	4.882429727	4.303799403	37.41431239	1.626215943	-0.453827705	-0.453827705	6.734580768	120.3913531	12		0.097535984	0.095988483		
	29/06/2012 0:59	54.951922	0	6.524827	27.355967	10.283347	99.116063	58.8586825	0.452044858	2.265424835	-0.126277862	0.564462041	2.617740069	120.8668551	5.072581697	4.371739565	37.72803668	2.022971341	-0.454600301	-0.454600301	11.2354419	120.7269595			0.092010315	0.143671142		
	06/07/2012 1:52	15.19484	0	2.085483	9.047463	4.576238	30.904024	17.19937468	0.559161107	-0.452679132	-0.125744203	-0.125744203	0.448906806	29.48827315	1.697546747	-0.452679132	9.359141064	-0.452679132	-0.452679132	-0.452679132	2.068598778	29.50275889	0		0.022043713	0.048917565		
	13/07/2012 2:59	48.138161	0	5.245275	21.284686	13.412985	88.081107	51.86676623	0.471719189	1.279529227	-0.12846679	-0.12846679	2.138972052	62.88963233	2.535934433	2.759466647	19.72479092	1.587849523	-0.462480444	1.025164983	9.212542607	62.8013294	22.5		0.060043885	0.132336152		
	20/07/2012 3:11	140.385626	0	20.563564	154.179729	24.917806	340.046725	173.5536729	0.731606783	1.072509953	-0.12906257	0.39880334	1.730729058	146.3143632	5.908484435	4.019008416	42.35833533	3.132348563	-0.46462525	1.335797595	9.455888929	146.185755	65.2		0.140673468	0.395993392		
	27/07/2012 3:06	17.197074	0	1.042582	5.666558	5.657024	29.563238	18.01151721	0.442210021	-0.468157127	-0.130043646	-0.130043646	-0.130043646	23.26350792	0.990932586	-0.468157127	8.62969638	-0.468157127	-0.468157127	-0.468157127	3.486478485	23.27848895	7.1		0.021415887	0.067048701		
										-0.47318681	-0.13144078	-0.13144078	2.527606207	36.27371217	2.294956026	2.401423058	12.55522335	0.717666661	-0.47318681	1.466879109	5.455164102	36.19686663	18		0.039084297	0.202943633		
	10/08/2012 0:49	30.419185	0	6.154537	13.559414	7.476826	57.609962	33.31841731	0.445504961	5.929153136	-0.130025288	-0.130025288	4.017781401	47.53464481	1.458883732	7.895135491	13.8554947	-0.468091037	1.025899523	1.583708009	7.709220653	47.28200047	4.7		0.041386523	0.078866872		
	17/08/2012 3:11	31.141708	0	21.288808	17.69667	15.634966	85.762152	41.2967299	0.568103015	9.08573312	-0.126877994	-0.126877994	1.012486389	12.45434385	0.806944039	6.51645375	3.600797458	-0.456760777	-0.456760777	-0.456760777	1.670601019	12.24581733	2.9		0.014374695	0.10970127		
	24/08/2012 4:34	36.471202	0	4.213042	13.7512111	7.901778	62.3372331	38.13836476	0.400529182	1.015639616	-0.132763349	-0.132763349	1.537399576	39.06827057	1.856031612	2.087039839	13.65338276	-0.477948055	-0.477948055	1.935689622	2.298299252	39.0014853	27.5		0.045305694	0.181703753		
	03/09/2012 15:08	29.386369	30.051001	6.086049	0.1106503	8.240284	73.8743533	41.90629431	0.548439252	1.397712287	-0.131826763	-0.131826763	1.48060316	25.77339537	1.346200951	2.046201064	8.401108295	-0.474576348	-0.474576348	0.138812266	2.838081718	25.70791693	11.55		0.026973119			
	14/09/2012 2:14	18.420386	0	4.21695	6.030806	5.536651	34.204793	19.99153823	0.407180096	1.268428057	-0.133378345	-0.133378345	0.776261965	13.40852498	0.880297074	1.032348387	2.728920929	-0.48016204	-0.48016204	0.884298424	1.071081458	13.37548983	20.8		0.020722061	0.038564987		
	21/09/2012 3:13	31.025154	0	3.634071	15.885349	7.597349	58.141923	33.80210961	0.49054218	-0.47045675	-0.130682431	-0.130682431	0.309717361	28.42734914	1.105573363	-0.47045675	7.029407944	-0.47045675	-0.47045675	-0.47045675	2.528007189	28.44240375	16.2		0.02819103	0.10433253		
	28/09/2012 3:19	44.09451	0	24.173357	24.777791	4.091599	97.137257	52.0628126	0.393103853	3.216367014	-0.136056134	-0.136056134	3.910253299	56.16805391	2.028596962	4.102092448	11.5756559	0.828581858	1.163279948	13.37976024	3.76278532	56.03678695	28.3		0.054772439	0.142808603		
	05/10/2012 2:19	4.340103	0	0.290991	1.2790312	0.649129	6.5592542	4.309862454	0.315810844	4.134863762	-0.133555031	-0.133555031	1.995312164	37.63847886	1.294148251	4.279103196	4.030690838	-0.480798112	0.789310234	5.116493241	2.586640954	37.50154756	4.1		0.027553299	0.053931093		
	12/10/2012 3:01									6.23511557	-0.133915712	-0.133915712	3.667951363	26.6920798	1.040525086	5.270922441	3.173802384	-0.482096565	0.988297958	4.383061268	1.214814243	26.52341028	6.5		0.023398836	0.071779767		
	19/10/2012 3:29	86.144144	0	12.213847	35.99526	14.115984	148.469235	90.4500535	0.391558025	4.10052475	-0.136684158	-0.136684158	4.707402413	32.82470062	1.131744831	5.40449162	5.49060264	-0.49206297	0.848808623	3.313223998	1.635466413	32.65175689	5.4		0.028312304	0.079579251		
	26/10/2012 3:31	42.284039	0	6.289934	14.900573	31.107935	94.582481	50.04749816	0.644113429	28.41173268	-0.134812492	-0.134812492	5.848165901	96.71717799	1.302288672	25.74648972	6.086784012	1.670326775	5.54079342	14.05015791	1.238028411	95.89329031	18.2		0.076216714	0.102421711		
	02/11/2012 4:20	34.139546	0	11.553239	8.688135	21.565649	75.946569	40.35600884	0.524839313	7.170370291	-0.136891376	-0.136891376	4.225836787	76.57840482	1.006151616	9.034830836	4.657044622	0.747426915	1.457893158	2.48457848	0.434613145	76.28929023	5.9		0.053252204	0.139620072		
	09/11/2012 4:58	81.692374	0	10.14845	33.09792	19.555569	144.494313	86.71735873	0.428289944	24.97568742	-0.137470759	0.40416403	8.788505598	336.9119605	3.126085051	45.02304815	28.41108168	3.880799515	7.823460872	11.40732355	1.977638937	335.4712229	16.6		0.229690548	0.32856066		
	16/11/2012 3:16	77.877584	0	26.322571	44.094274	21.340012	169.634441	91.25653058	0.506277782	17.79710665	-0.137164598	-0.137164598	7.01596921	196.0315291	2.036894287	26.95695853	22.89962971	3.31663999	3.954455373	3.040939147	0.740749733	195.1689065	16.5		0.142569824	0.258103179		
	23/11/2012 3:29	94.006712	0	16.220689	36.113333	24.50955	170.850284	101.0250238	0.422971582	10.32760257	2.460906093	0.389643465	8.47782149	379.0164519	1.788258427	26.03638646	35.62981871	4.802868391	3.994870891	4.50345815	0.632856454	378.1832875	57.4		0.272098715	0.357245395		
	30/11/2012 3:31	10.642072	0	8.239583	6.750749	11.507829	37.140233	16.17117708	0.791901469	51.24007974	-0.140276171	0.542868782	16.05881606	82.13730917	1.813770891	37.36957195	29.59686932	2.449221946	6.203012281	11.37920299	0.389438073	80.94148286	1.8		0.08341425	0.088893815		
	07/12/2012 4:20	4.165247	0	10.81529	3.386878	10.496998	28.864413	10.16135103	0.955651077	63.21792651	-0.136427827	-0.136427827	15.65100032	97.04520623	1.092786895	51.37326256	11.77508575	2.918191221	9.429891407	5.787268424	0.304803231	95.40126183	5.2		0.086743881	0.159415236		
	14/12/2012 4:58	25.589566	0	9.262231	7.714344	19.325562	61.891703	31.55858607	0.599824875	43.2312907	-0.141389622	0.347818469	27.36313347	203.8597981	1.925726646	48.72851919	41.14862157	5.081543	7.775015291	6.532200518	0.690981261	202.3004855	16.1		0.174678987	0.213320015		
	21/12/2012 3:16	43.731544	0	18.859821	25.01644	35.590372	123.198177	58.58326365	0.726282311	65.31185454	1.35073776	0.992178282	26.44498946	638.4618127	3.22212353	91.17234293	85.28803807	12.80499397	13.66455436	8.51701555	1.538296785	635.5442978	22.1		0.457295928	0.483561251		
	28/12/2012 2:44	13.146593	0	39.28649	5.569304	64.647135	122.649522	40.33262329	1.213219225	214.4978088	0.940875832	1.95177033	26.94405812	580.8398484	2.818251329	210.8349573	39.31548127	14.00373331	41.55170243	16.87449864	0.853457527	574.0931297	0		0.418373016	0.423665464		
	04/01/2013 3:15	10.165186	0	41.659333	5.482908	61.789784	119.097211	37.65583573	1.245043523	140.3425626	1.93776844	1.836447214	11.22976917	713.7784823	3.921975774	188.4912534	46.27424807	11.51262426	29.63645849	13.33640632	0.734545112	707.7467622	20		0.498126981	0.476544778	0.21228027	0.688825048
	11/01/2013 3:35	6.845195	0	35.862603	4.576787	59.114142	106.398727	32.28957696	1.374359458	151.8057711	1.265350325	2.397717973	13.09274907	436.3725818	2.708010888	146.1560222	26.8181733	7.829858861	24.73477802	12.11754277	0.466148612	431.6955891	9.3		0.313858462	0.449723534	0.212620823	0.662344357
	18/01/2013 3:09	30.755524	0	48.589997	20.478137	21.621875	121.445533	50.71502074	0.583723218	115.0613303	1.675320183	7.300824249	11.20423523	691.8944793	3.584504858	153.878584	61.59565525	12.30552439	31.92888135	12.02913908	0.799990049	686.9703646	41.9		0.487255478	0.561030651	0.173312292	0.734342943
	25/01/2013 3:55	180.212155	0	32.854842	149.26685	33.942756	396.276603	212.0870982	0.611813112	25.73494004	2.952503292	6.947805618	24.51205924	1093.640723	11.34515095	84.90226841	173.1800229	18.14637839	18.70756341	12.32931871	2.462262107	1090.92385	217		0.847774113	0.721166023	0.192475343	0.913641366
	01/02/2013 4:27	82.132217	0	21.94216	74.198534	12.623243	190.896154	99.46256424	0.618773393	19.54112593	1.476821128	9.417410088	10.77865391	700.5996622	5.603359003	71.72213911	80.39899831	8.642614077	12.07996876	6.373874373	1.181035687	698.3045538	63.6		0.493619765	0.488936799	0.099193723	0.588130521
	08/02/2013 4:59	84.76435	0	59.84318	31.96351	20.688444	197.259484	102.8966125	0.360765697	55.23260151	1.375445431	3.548070947	19.91298025	683.7368151	6.427006279	82.93151161	88.77612207	14.06010885	29.05370319	12.05683247	1.746126736	681.0830067	105		0.504046331	0.578009004	0.1791676	0.757176604
	15/02/2013 7:10	149.536155	0	21.494475	54.245535	29.221013	254.497178	156.1243256	0.377277939	4.154055986	-0.140863207	0.595851367	16.34576659	273.1619318	1.335383206	25.71457851	30.32080539	3.072226554	4.940072684	2.746832544	0.458535095	272.3390653			0.184982154	0.188824404	0.043286193	0.232110597
	22/02/2013 7:39	64.95183	0	8.788265	40.56251	13.405982	127.708587	72.38367872	0.527333686	3.396295193	1.738834613	1.541823795	8.94257801	641.2702134	4.291409562	18.91732139	65.57462257	6.878247263	3.794599673	7.105237988	0.987159537	640.6648591	62.5		0.434130283	0.410710163	0.05087231	0.461582473
	02/03/2013 20:20	212.673787	0	41.024753	154.095156	55.354217	463.147913	249.0126586	0.594692896	39.95630746	0.870869182	3.840118392	16.17328481	624.2473235	8.389373118	71.54812378	67.66653543	11.87284985	23.74984669	9.496621078	1.246051237	621.9577836	61.1		0.434915743	0.513150655	0.128632547	0.641783202
	08/03/2013 5:05	124.15993	60.602214	16.23969	2.837408	37.739809	241.579051	147.4259906	0.426663771	5.954178904	0.888812213	1.02688013	12.07231346	645.5063418	2.217715911	24.36467266	64.28355905	6.32523643	4.034171939	4.771972368	1.168137415	644.7266723	55.1		0.43610376	0.363444688	0.049221862	0.412666551
	12/03/2013 15:51	15.765297	0	31.13779	11.719796	9.308975	67.931858	27.55894345	0.537389464	277.6718197	0.72598303	3.800980116	27.88776191	359.5076309	6.9010111	189.3981245	43.73839139	9.996869768	35.58985773	13.13027928	1.563583864	353.4468909	0		0.29402543	0.304651986	0.183088388	0.487740374
	22/03/2013 3:22	98.811667	0	18.140459	91.445558	226.731352	435.129036	173.1759038	1.286288134	16.72321587	-0.14554583	2.034730704	22.78374423	589.639633	5.767981244	55.252108	80.74737105	7.239449586	12.97686621	8.095259067	2.868547627	587.8715656	28.5		0.412827217	0.320902225	0.085100873	0.406003099
	29/03/2013 2:44	10.081812	0	4.553501	11.586509	7.952975	34.174797	15.04784192	0.915200978	4.071996683	-0.140656189	2.244872783	16.87030336	759.2691432	6.228256067	37.576301	95.31426019	7.797979141	7.903471283	4.093095112	3.148955631	758.0667016	39.9		0.514119592	0.420736558	0.066934164	0.487670722
	05/04/2013 3:35	167.691948	56.338845	13.129788	12.810389	34.017391	283.988361	183.7522317	0.353560373	3.635201137	0.969949259	3.011059875	9.623583521	1274.504892	6.02633692	50.98137651	117.9542643	9.935654152	8.042144511	6.093811651	3.072897092	1272.873488	42.2		0.816140279	0.636652246	0.08264862	0.719300866
	12/04/2013 4:18	127.109652	0	22.74555	20.965513	36.286189	207.106904	130.2112279	0.308355709	111.6784067	-0.140651134	3.202626314	30.0979361	888.1570552	8.78506981	162.3128148	120.0035473	13.4729721	29.85320312	15.24517638	4.070179385	882.9630452	13.5		0.630875302	0.586948537	0.173310431	0.760258968
	19/04/2013 3:38	59.011536	83.071784	63.695535	0	20.907564	226.686419	109.0091664	0.568887785	98.75533122	1.378935069	4.690429695	23.10357009	1524.717725	10.06776385	243.9279749	118.1168099	17.09059301	42.05495652	19.65366934	13.96720563	1516.912029	33.6		1.016046222	0.720415187	0.248172724	0.96858791
	26/04/2013 3:26	220.06566	0	52.709495	85.09303	17.406419	375.274604	230.235305	0.315413886	71.15310859	0.585140696	3.909606722	64.19643588	1084.32639	12.17092647	167.9700547	113.8770481	12.98578907	31.11214751	17.57589275	14.50862163	1078.951349	44		0.772093742	0.667441578	0.159078757	0.826520334
	03/05/2013 5:13	53.030246	59.78085	24.709194	1.881308	26.254996	165.656594	85.16454347	0.631279727	25.02360303	-0.136316408	2.114267489	14.10874824	1081.515297	5.320429408	89.56396961	91.62098421	8.199431947	15.49508611	9.017330395	10.00650496	1078.64925	12.5		0.692850509	0.755297683	0.125651221	0.880948904
	10/05/2013 4:50	159.101397	0	21.948667	89.159653	26.030687	296.240404	172.9251476	0.4713642	21.50002576	-0.1383261	2.303129569	25.35932396	721.759309	4.203730186	78.71308407	94.43661189	6.589855415	13.95157047	7.614851818	8.869055675	719.2404904	10.4		0.49616597	0.383440751	0.089798995	0.473239746
	17/05/2013 2:31	168.427839	0	12.455324	66.10252	18.142537	265.12822	170.1238001	0.350492593	8.666503371	-0.136458878	0.806471972	16.07212671	460.5937462	3.962765831	34.15838646	65.21779178	3.713046083	6.116086933	7.753593474	16.02674976	459.5006779	16.6		0.319458996	0.27168919	0.04031187	0.31200106
	24/05/2013 1:30	122.352854	0	20.24775	43.763399	48.606296	234.970299	134.7461315	0.48189669	20.49480477	-0.138235564	0.646942441	13.90511542	260.9749219	2.820005512	40.69931485	65.93421712	3.205682737	7.311278997	5.988364647	18.7771195	259.6725438	20.4		0.211567791	0.220695764	0.051002383	0.271698147
	31/05/2013 3:52	132.140921	0	9.548563	44.946935	28.515818	215.152237	135.2925585	0.382869215	14.00828931	-0.136055646	-0.136055646	9.269471159	292.9169213	2.775535177	22.84510351	66.43325081	2.130631416	4.40003959	13.82461419	11.99810306	292.185878	0		0.211263313	0.199035029	0.030437018	0.229472047
	07/06/2013 2:49	66.750538	0	11.993625	42.544633	75.87843	197.167226	91.625344	0.906288068	12.0619436	-0.134695071	-0.134695071	8.784812528	175.3729824	2.303285714	23.52584109	43.38258846	1.907282205	5.099555387	15.15319548	8.180790801	174.6201555	7.4		0.136248998	0.144562171	0.057157842	0.201720013
	14/06/2013 2:09	15.095761	0	1.985758	4.040679	11.635421	32.757619	17.5936357	0.623383241	3.360234702	-0.134786791	-0.134786791	2.029889074	82.49355976	-0.485232448	4.492443747	27.38328448	0.837025973	0.986639311	3.416845154	5.514399893	82.34980156	0.6		0.063630475	0.063961945	0.008427544	0.072389489
	21/06/2013 1:58	20.315464	0	0.20957	4.433066	8.805928	33.764028	20.94975985	0.442881709	0.895343215	-0.133235598	-0.133235598	0.875357876	78.93409741	-0.479648151	1.970554488	22.08779736	0.88734908	-0.479648151	2.853906499	11.36615029	78.87103967	2.8		0.059369017	0.077972277	0.006103589	0.084075867
	28/06/2013 14:01	18.872192	0	1.090798	6.255963	7.653086	33.872039	20.13836895	0.485271212	2.248041705	-0.117268738	-0.117268738	1.287610742	34.26944327	-0.422167456	2.466161557	10.73008951	-0.422167456	-0.422167456	2.226933332	3.422124581	34.1905261	0		0.027250375	0.05666427	0.006140122	0.062804392
	05/07/2013 13:46	2.527668	0	1.747589	0	6.511347	10.786604	4.341800014	1.043261477	1.061517651	-0.155192639	-0.155192639	0.405052788	7.961382384	-0.558693501	-0.558693501	2.565334324	-0.558693501	-0.558693501	1.163944793	0.910659232	7.979260576	9.3		0.010985377	0.031877947	0.00260257	0.034480517
	12/07/2013 2:27	3.78552	0	1.07053	2.999285	8.346262	16.201597	6.513789228	1.218786779	0.726005881	-0.132241508	-0.132241508	0.864859465	19.98698157	-0.47606943	-0.47606943	5.669193462	-0.47606943	-0.47606943	0.884695691	2.226306952	20.00221579	13.6		0.021757308	0.039741397	0.00322455	0.042965947
	19/07/2013 2:21	6.806062	0	2.687207	11.104496	9.965197	30.562962	12.12745761	1.222749394	-0.481391475	-0.133719854	-0.133719854	0.377089988	50.92720641	1.424116445	-0.481391475	17.98398317	0.790284337	-0.481391475	1.753067286	4.529619382	50.94261094	17.8		0.047619386	0.102045099	0.006071695	0.108116795
	26/07/2013 2:01	10.976563	0	5.555655	8.7079409	7.107363	32.3475219	15.09987348	0.73752711	13.37250922	-0.13168399	-0.13168399	2.654749245	55.31122646	2.44932222	13.40411338	17.57191167	1.264166307	1.615762561	3.460655266	8.584431924	54.88229483	4		0.048664851	0.124473023	0.027032509	0.151505532
	02/08/2013 4:23	1.561183	0	2.373209	1.960017	11.200204	17.094613	5.429859223	1.691615887	3.206474475	-0.131466768	-0.131466768	0.729640563	8.526934582	1.151648889	2.666146058	2.918562253	-0.473280365	-0.473280365	0.769080594	1.554563507	8.441617908	4		0.010439495	0.04291182	0.008614328	0.051526148
	09/08/2013 4:01	1.680552	0	2.745187	5.997807	7.767785	18.191331	5.814954402	1.662744547	2.813328589	-0.139550029	-0.139550029	0.661467138	14.97511363	-0.502380105	2.394678501	4.132076365	-0.502380105	-0.502380105	1.833687384	1.906293031	14.89848392	3.6		0.014359565	0.036957755	0.004749786	0.041707541
	16/08/2013 5:22	1.620223	0	1.899148	0.118456	9.441214	13.079041	4.401225684	1.511405435	6.258893333	-0.137709424	-0.137709424	0.698186781	19.00803183	1.417029976	4.738581289	3.003442543	-0.495753927	0.764287305	2.726646601	4.287978977	18.85639723			0.01409778	0.038315216	0.011596548	0.049911764
	24/08/2013 14:41	5.605431	0	6.023762	6.408729	30.94169	48.979612	16.22823894	1.607196715	9.171083557	4.605742403	-0.134670831	3.33714318	36.02175374	1.733213589	9.04987981	9.445812051	-0.48481499	1.547367842	3.284621556	8.619627515	35.73215759	9.4		0.034560996	0.065444329	0.022988333	0.088432662
	30/08/2013 13:54	1.769465	0	1.937476	5.202024	13.71164	22.620605	7.009242796	1.88861331	1.58676703	-0.114983118	-0.114983118	1.159029831	20.09329989	1.086590466	1.886872968	5.250129173	-0.413939225	-0.413939225	2.080044607	4.812356707	20.03291996	0.5		0.016233024	0.048453793	0.006132228	0.054586021
	06/09/2013 13:57	2.536609	0	4.055559	6.019961	6.292129	18.904258	6.527045721	1.326479811	3.030351329	-0.152585666	-0.152585666	1.510598095	71.8586936	1.762364444	4.682854093	5.140611092	-0.549308398	1.025375676	5.914220419	5.161677069	71.70884227	0		0.044828723	0.064793096	0.020644911	0.085438007
	13/09/2013 1:48	43.379319	0	2.49257	11.893127	9.874657	67.639673	43.60956326	0.351451843	1.004140874	-0.131260245	-0.131260245	0.275646514	117.4608554	1.260098352	1.673568124	4.78443593	-0.472536882	-0.472536882	2.630455309	2.616357959	117.4073012	12.6		0.075582497	0.105219646	0.005843649	0.111063295
	20/09/2013 2:39	27.737214	0	1.287082	5.65084	6.982086	41.657222	27.45408163	0.323284477	1.260948742	-0.132174921	-0.132174921	0.388594266	52.34523378	1.21336577	1.01510339	2.482245007	-0.475829714	-0.475829714	2.692403131	1.448076707	52.31275047	1.2		0.03218913	0.040155811	0.004791051	0.044946862
	27/09/2013 3:25	26.13801	0	3.542665	13.727959	9.301689	52.710323	29.45750657	0.551059687	-0.487753958	-0.13548721	-0.13548721	0.491818574	88.2265617	1.475455722	-0.487753958	6.064407539	-0.487753958	-0.487753958	2.158311262	1.644847794	88.24216982	28.5		0.067135987	0.09265356	0.005245023	0.097898583
	04/10/2013 5:43	32.327461	0	7.152537	13.804282	6.114517	59.398797	34.93617745	0.402733109	8.201985547	-0.131315811	-0.131315811	1.571850256	37.36197451	1.280329156	7.882888127	4.100992774	-0.472736919	1.22911599	2.182468777	2.180593587	37.10972209	0		0.026411908	0.051967516	0.012028641	0.063996157
	10/10/2013 18:33	21.79765	0	8.237171	9.154523	29.357578	68.546922	31.02990592	0.867954484	53.97659967	-0.1569863	-0.1569863	5.656216404	52.2528901	1.436424649	37.75677512	3.72057532	1.370490403	6.372073934	3.951345182	1.740615119	51.04467329	11.1		0.051328512	0.080667563	0.041488456	0.122156019
	17/10/2013 16:28	5.86772	0	1.373239	6.216844	5.683039	19.140842	8.544350993	0.980096123	2.482037326	-0.114749761	-0.114749761	1.218642459	65.39015118	1.191102517	4.192956259	7.325624728	-0.413099139	1.105040196	2.261717785	1.219653175	65.25597658	11.2		0.047585717	0.069373186	0.010067252	0.079440438
	25/10/2013 3:19	21.675042	0	3.408671	16.982108	8.186696	50.252517	26.17246693	0.679005865	13.26509752	1.726935426	-0.132943451	3.493753886	185.8190495	1.758841854	24.24090881	8.33156606	1.479660607	3.621379599	4.343262537	0.980656833	185.0433404	14.7		0.12499914	0.183376235	0.019326286	0.202702521
	01/11/2013 5:22	39.399552	0	11.382951	33.871915	26.556899	111.211317	52.83588312	0.805533231	40.20561451	0.914283445	-0.126983812	6.079984912	390.7685541	1.916185721	70.81887188	17.79805107	3.382848748	9.721880637	8.506645557	1.594057759	388.5023502	27		0.267582778	0.322030751	0.075915521	0.397946272
	09/11/2013 6:47	79.725884	0	53.369176	3.601166	244.911482	381.607708	147.7419646	1.170513974	514.182327	-0.099916117	0.77634823	27.51390117	449.6045421	4.484235336	338.7246295	35.69403368	15.88966011	55.75319335	25.10991939	2.590783752	438.765354	0		0.389738413	0.466369523	0.333155433	0.799524955
	16/11/2013 19:12	2.564181	0	9.612897	4.504358	9.881656	26.563092	8.598554048	1.171975479	50.52789329	-0.153435648	-0.153435648	14.79886826	249.6520744	2.361374625	69.60761614	18.3938655	4.197999333	10.08992822	5.901135028	0.606393639	247.4246307	2.7		0.181305697	0.250034797	0.183912272	0.433947069
	22/11/2013 17:36	6.437125	0	1.877279	2.523585	3.566723	14.404712	7.632926374	0.560171516	39.78210792	-0.152089719	0.602275289	12.00444156	452.0806075	2.527731137	80.50869299	18.99904775	5.028086125	13.51012978	7.441749972	0.999318886	449.5043293	31.3		0.308708154	0.295011311	0.083572902	0.378584213
	29/11/2013 5:41	92.871015	52.19834	24.507135	3.812846	12.780318	186.169654	113.0089633	0.366604867	14.33026003	1.4875034	0.772729039	7.877972555	734.8150889	3.214552803	40.51804717	65.91378704	9.415703343	7.68092665	6.487060284	1.849407955	733.5185114	65.1		0.493374052	0.488360048	0.066637798	0.554997846
	06/12/2013 3:24	4.65232	0	12.265701	8.370222	6.144639	31.432882	11.16790254	0.915721578	39.31427086	1.767707361	0.646628883	17.73829291	537.1343344	3.083922366	75.48340005	48.30968213	8.314346528	13.38789623	6.34002402	1.274761885	534.7188656	30.3		0.372716807	0.365589916	0.113404906	0.478994823
	13/12/2013 4:00	19.142631	0	22.155779	12.756115	101.950646	156.005171	52.44790597	1.525193469	68.15302975	2.466288238	1.236938409	10.05107314	637.474801	3.141671787	113.1153615	52.34601929	9.70958708	17.76865819	7.933859549	0.790034838	633.8551094	47.8		0.448521603	0.47296778		
	19/12/2013 16:42	16.566884	0	9.503529	10.726596	4.084369	40.881378	20.717971	0.505315013	85.00203544	-0.146535022	5.31482524	13.80359905	453.1800698	2.281550289	118.1746337	30.04261017	6.840254817	18.30955097	7.899703024	0.730416125	449.3984815			0.313767619			
	26/12/2013 18:30	20.748269	0	3.459219	7.787838	2.544043	34.539369	21.46807413	0.34040255	9.757996994	0.639054435	2.893956353	4.503181511	906.0699204	2.549595414	41.56171641	64.40542909	7.390515538	6.811062035	4.079352663	1.234217419	904.7399455			0.554546851			
	03/01/2014 6:17	124.634729	61.104949	41.914203	0	24.366994	252.020875	150.8053564	0.343940476	11.74941762	0.769473227	3.484557517	5.422194763	1090.981469	3.069919094	50.04366814	77.54934584	8.898778465	8.20106958	4.91187055	1.493870075	1089.380071	90.9		0.713169262			
	10/01/2014 5:57	7.608088	0	6.966443	6.903552	4.311974	25.790057	11.38696727	0.694550747	28.60098819	0.40441914	1.333805432	7.878395931	182.6574599	1.361025951	33.46957245	21.48865544	3.157580205	5.206896422	3.464783206	0.204786964	181.5864335	15.6		0.136232583			
	17/01/2014 5:00	26.930227	0	5.611784	14.374767	29.415334	76.332112	36.12037485	0.849517695	22.00575936	-0.13026555	0.273557655	14.38913265	87.01087411	0.988715524	26.50773677	8.949243284	1.836744255	4.009573629	1.293536911	0.478082254	86.16262654	13.9		0.076789426			
	24/01/2014 4:28									27.96653518	-0.128670509	9.908915917	5.087631935	250.8688919	1.146454237	42.78165762	17.78355108	4.894626172	9.916636147	4.497034298	0.313829688	249.4998788	11.5		0.168389634			
	31/01/2014 4:38	2.171531	0	1.849247	3.816432	3.926149	11.763359	4.407580359	1.235403746	8.332201561	-0.127990807	2.791479509	2.161764737	38.00559034	-0.460766907	9.453401033	4.377285613	0.821700983	1.547408861	-0.460766907	-0.048636507	37.70308151	9.82		0.032591068			
	07/02/2014 4:29	6.622314	0	14.169975	4.458677	61.733671	86.984637	26.83422423	1.718543335	117.6957212	-0.128696717	16.57098922	12.6483133	181.3272388	1.397646341	89.32967791	18.0767408	8.192832974	24.05341632	6.876265564	0.17327224	178.4686891	7.6		0.140540033	0.257743281		
	14/02/2014 4:35	10.389534	0	15.198143	18.658455	37.322129	81.568261	27.76205851	1.413132057	32.6646757	-0.127317882	1.714971865	14.1055481	337.0244375	2.467420545	51.82729005	34.20012935	8.120334487	10.41587589	6.416821231	0.648957576	335.3659642	21.1		0.238906491	0.218224102		
	21/02/2014 4:07	54.678656	0	24.000542	49.210695	78.350194	206.240087	86.97505484	1.029016365	61.63556533	-0.129231277	2.496748275	20.22211025	563.8192622	4.815157387	78.07378378	65.93508992	14.50750317	21.10605219	33.08966852	0.777561462	561.3209011	70.1		0.412617774	0.440961528		
	28/02/2014 4:11	111.586725	81.811535	23.355145	7.151412	95.705831	319.610648	163.9512174	0.722244509	16.73565574	1.015792206	3.856177205	9.383620078	948.822751	5.136458703	63.47359676	87.44245965	16.37150382	16.62449358	17.93160732	0.930498626	946.7915959	56.1		0.622854219	0.445824097		
	07/03/2014 3:24	7.983552	0	18.883777	5.974629	4.782815	37.624773	14.83409084	0.510702058	54.03676024	1.630956503	3.420478221	12.4888984	712.9016583	5.262855011	103.6638973	59.64317322	14.16138389	23.93579682	19.85085484	0.847166755	709.5844136	41.7		0.482658913	0.487211609		
	14/03/2014 3:32	91.775616	114.270644	27.60829	0	21.842018	255.496568	140.8653982	0.571410433	8.362272184	0.746493308	3.040123005	7.499743647	1646.370811	7.901999109	30.08406709	142.6111645	22.35998867	8.679435144	24.96691348	1.019200077	1645.408121	168		1.087882046	0.820770366		
	21/03/2014 2:44	61.356391	0	10.631758	25.021766	14.55024	111.560155	65.95894837	0.423220239	4.713885339	0.534800606	3.476203937	3.957524482	1229.527986	6.203687026	42.15374774	116.4490119	17.1250794	8.70578986	5.309806014	1.179867164	1228.179066	68.1		0.795413516	0.58838216		
	28/03/2014 2:15	13.919373	0	2.549001	5.413381	3.668627	25.550382	15.02667463	0.426015994	35.20058677	1.241569612	4.214502353	10.88936284	1059.613219	5.84335056	95.65781287	68.75713794	12.15371354	20.78015439	15.53290912	1.125646118	1056.552169	37.1		0.676386369	0.519680252		
	04/04/2014 2:45	57.13702	0	5.324801	22.302279	16.063626	100.827726	60.56459256	0.446367978	7.080453603	0.278187897	3.147715111	11.03224606	842.680681	6.051539463	42.68469365	82.08448364	10.54827534	7.499640846	5.216975771	1.553127222	841.3147708	26.6		0.545957551	0.468543435		
	11/04/2014 14:04	57.453382	51.895265	8.38024	0	15.327058	133.055945	77.77046681	0.518406794	18.50882534	0.390337635	2.656569731	7.283776066	938.6445323	7.488419098	76.39627561	88.8416037	12.00193486	13.79445623	7.556633442	3.255847901	936.1998515	21.8		0.608281321	0.346156612		
	18/04/2014 16:03	96.31066	0	16.389291	41.644785	33.123636	187.468372	106.7680254	0.493186968	78.62404811	-0.144293432	5.995392096	21.30203935	1357.754458	17.41044549	186.0346359	114.9686777	21.27173773	38.29259096	23.75647063	7.286620341	1351.80135	16		0.888443928	0.728494371		
	25/04/2014 3:15	66.425169	0	8.845035	23.166272	13.072319	111.508795	68.93598412	0.370888744	16.75442964	-0.130212401	2.738366793	6.48457757	1379.004307	10.07453347	94.83499378	124.6327996	16.51614094	15.74658565	7.890871501	9.55549147	1375.969587	59.7		0.898032264	0.724019604		
	06/05/2014 3:15	10.993346	0	6.957547	4.512681	2.833747	25.297321	13.26300077	0.390584299	7.720224101	-0.118269485	1.695755748	10.87860072	474.7306506	8.524949252	28.21243477	73.51721975	7.675681573	6.060672473	10.98126448	6.515257765	473.8278527	15.1		0.325587236			
	17/05/2014 6:55	92.636811	0	44.900219	52.595887	152.709821	342.842738	145.5114096	0.987100867	2.763994756	-0.148362574	1.241794746	4.473131611	870.377943	8.283082515	20.86126155	60.02453025	6.160014079	7.909208828	32.99435287	3.817484014	869.7103826	17.6		0.530460187	0.530133483		
	24/05/2014 6:09	107.374753	0	21.773744	38.429249	32.591322	200.169068	116.7236801	0.428359437														6.07					
	30/05/2014 16:17	178.734355	0	53.79175	72.275628	39.114153	343.915886	197.3485459	0.398309738	11.46249327	0.886933905	0.364544868	9.309047812	219.0764328	4.276825358	20.67006983	29.13352388	2.867502415	8.380773767	46.12056308	7.193995695	218.4149906	25.5		0.157572847	0.128406921		
	06/06/2014 3:35	51.815726	0	8.761006	23.537292	10.574181	94.688205	55.8379379	0.431491254	-0.460008187	1.77103152	-0.127780052	-0.127780052	82.27629765	-0.460008187	0.831848138	15.33360623	0.697679084	-0.460008187	4.412245194	1.30410021	82.24967851	0		0.05497068	0.085522342		
	13/06/2014 1:28	36.151861	0	1.883365	5.814482	13.632419	57.482127	36.60776618	0.372002066	1.625323082	0.765741129	0.7169439	1.54649679	277.8063772	7.679933087	5.957015547	57.17158399	2.747659345	2.210889828	9.324024334	6.341530203	277.6157527	21		0.198154869	0.230368457		
	20/06/2014 2:43	48.413468	0	7.712434	16.613271	11.696792	84.435965	51.08219202	0.390562339	1.538174052	1.182355476	-0.123548117	1.953295724	80.47430123	0.863601335	3.2208994	15.69678821	-0.44477322	1.174942589	7.216445491	8.894401017	80.37123245	4.5		0.057159397	0.076595543		
	27/06/2014 3:28	75.97968	0	4.153285	11.30749	13.408205	104.84866	72.77127737	0.238670109	-0.548251383	1.228996851	-0.152292051	-0.152292051	110.7239356	-0.548251383	-0.548251383	11.07010918	-0.548251383	-0.548251383	6.91253619	10.56329601	110.7414796	0		0.067836024	0.103666086		
	04/07/2014 1:21	33.760268	0	4.389366	5.270663	6.941118	50.361415	33.35070896	0.257164873	3.566188536	-0.1240845	-0.1240845	5.453513784	51.59433518	1.306609787	4.050118087	1.109315432	-0.446704201	4.024060341	53.77946323	3.383821174	51.4647314	4.52		0.032693272	0.070253676		
	11/07/2014 3:06	19.899722	0	6.171627	1.078313	10.083316	37.232978	21.65805597	0.359278832	1.824719466	-0.123375217	-0.123375217	1.821018209	74.55070889	2.020886062	2.268870249	24.65777096	1.051156853	0.806873922	6.177397137	3.027283989	74.47810504			0.056425716	0.13149665		
	18/07/2014 2:30	11.977922	0	5.340418	2.349081	3.032131	22.699552	13.14068022	0.287638544	0.993824171	-0.12500933	-0.12500933	1.597619233	33.6250095	0.866314655	1.402604679	8.044350365	-0.450033587	-0.450033587	4.80035826	2.755632908	33.58012615	6.73		0.028471096	0.111850799		
	25/07/2014 1:52	3.246689	0	8.86412	5.26774	3.412926	20.791475	7.495422747	0.816519367	3.926143841	-0.124048779	-0.124048779	1.916553628	19.68654115	1.034566813	4.636943342	5.358907233	0.740571208	-0.446575603	1.592786316	4.580201073	19.53815897	0		0.017541931	0.080002286		
	01/08/2014 13:08	76.806213	62.848575	26.035403	2.061323	12.270486	180.022	103.6202474	0.443111193	2.221545007	0.292049491	-0.109381832	1.115694686	42.55718936	4.410275464	3.376617152	15.91505655	2.083723899	0.616913532	1.621038749	5.704957439	42.44913761	30		0.04909256	0.270631066		
	08/08/2014 13:18	37.224163	0	14.719694	16.76302	6.085956	74.792833	41.97866679	0.384816373	1.591689568	1.809729235	-0.145359778	2.590311242	26.91045569	2.302498882	2.899927569	8.599484461	0.885241047	-0.5232952	0.850354701	6.659896034	26.817658	20.4		0.033197193	0.134727277		
	15/08/2014 1:20	9.692	0	5.855902	6.21282	6.881995	28.642717	13.3565478	0.689211034	2.218055291	-0.123431012	-0.123431012	1.177531857	21.31777014	0.718368492	2.492072138	5.584018997	-0.444351644	-0.444351644	-0.444351644	4.527500015	21.23802383	5		0.019667594	0.075956861		
	22/08/2014 1:31	21.81557	0	7.857639	10.592024	7.20785	47.473083	25.54690088	0.491107024	3.649068251	-0.123112964	-0.123112964	1.255752232	23.91838663	0.923347229	3.985166642	6.618552941	-0.44320667	-0.44320667	-0.44320667	5.502907201	23.7908613	0		0.019920758	0.121957481		
	29/08/2014 1:29	14.737119	0	4.192687	12.480929	4.053711	35.464446	18.16101394	0.64397837	2.449088042	-0.123504188	-0.123504188	0.804012262	28.0440959	1.059665931	2.389806032	8.506968449	-0.444615076	-0.444615076	-0.444615076	6.244269345	27.96762211	5.63		0.025088692	0.084339168		
	05/09/2014 4:36	23.326481	0	5.632739	6.7214388	4.749851	40.4305098	24.56180336	0.32912624	1.602800553	-0.120330372	-0.120330372	0.725592142	30.62648624	1.079363435	0.714762409	8.533829971	-0.433189339	-0.433189339	0.685883119	4.884527465	30.60361384	15.2		0.030493575	0.088955438		
	12/09/2014 4:27	47.841351	0	2.359005	15.571077	10.684273	76.455706	48.58972614	0.380848074	0.934934287	-0.126171969	-0.126171969	1.04091874	52.06864797	0.821379515	1.945571755	5.560398653	-0.454219087	-0.454219087	1.411864328	2.478982047	52.00638968	14.4		0.041118586	0.050250201		
	19/09/2014 4:12	69.608476	0	24.182589	34.877327	10.864474	139.532866	78.39449069	0.412778365	-0.432213252	1.156170448	-0.120059237	1.39028596	541.4515493	1.073329575	2.899430563	6.605659197	0.749169636	-0.432213252	1.883729422	4.660997071	541.3587675	11		0.312493856	0.337910502		