

NATIONAL RESERVE BANK OF TONGA

Commercial Banks Average Buying Exchange Rates
04 January 2016 - 30 December 2016

Commercial Banks Average Mid Exchange Rates
04 January 2016 - 30 December 2016

Commercial Banks Average Selling Exchange Rates
04 January 2016 - 30 December 2016

DATE	AUD	EUR	USD	FJD	GBP	JPY	NZD	USD	WST	CHF	CAD	SEK	SGD
JANUARY													
PUBLIC HOLIDAY - New Year's Day													
01-Jan-16	-	-	-	-	-	-	-	-	-	-	-	-	-
04-Jan-16	0.6169	0.4155	0.9193	0.3064	54.2814	0.6590	0.4522	1.1377	-	-	-	-	-
05-Jan-16	0.6236	0.4147	0.9185	0.3056	53.6411	0.6640	0.4497	1.1313	-	-	-	-	-
06-Jan-16	0.6237	0.4162	0.9175	0.3051	53.4675	0.6675	0.4478	1.1264	-	-	-	-	-
07-Jan-16	0.6312	0.4131	0.9155	0.3047	52.8128	0.6693	0.4461	1.1220	-	-	-	-	-
08-Jan-16	0.6329	0.4069	0.9174	0.3051	52.2945	0.6660	0.4450	1.1192	-	-	-	-	-
11-Jan-16	0.6329	0.4044	0.9167	0.3044	51.8499	0.6730	0.4425	1.1328	-	-	-	-	-
12-Jan-16	0.6318	0.4065	0.9155	0.3052	52.0100	0.6740	0.4429	1.1318	-	-	-	-	-
13-Jan-16	0.6316	0.4067	0.9222	0.3064	52.1523	0.6749	0.4428	1.1334	-	-	-	-	-
14-Jan-16	0.6329	0.4063	0.9220	0.3060	52.2698	0.6751	0.4424	1.1125	-	-	-	-	-
15-Jan-16	0.6293	0.4058	0.9160	0.3061	52.3888	0.6788	0.4415	1.1350	-	-	-	-	-
18-Jan-16	0.6386	0.4005	0.9212	0.3075	51.3594	0.6805	0.4387	1.1314	-	-	-	-	-
19-Jan-16	0.6385	0.4018	0.9222	0.3077	51.6006	0.6814	0.4387	1.1320	-	-	-	-	-
20-Jan-16	0.6357	0.4019	0.9227	0.3099	51.7688	0.6789	0.4399	1.1352	-	-	-	-	-
21-Jan-16	0.6348	0.4023	0.9073	0.3096	51.3737	0.6841	0.4387	1.1370	-	-	-	-	-
22-Jan-16	0.6287	0.4037	0.9205	0.3092	51.8167	0.6777	0.4400	1.1355	-	-	-	-	-
25-Jan-16	0.6257	0.4062	0.9196	0.3079	52.7355	0.6784	0.4397	1.1328	-	-	-	-	-
26-Jan-16	0.6294	0.4047	0.9163	0.3088	52.2020	0.6791	0.4394	1.1338	-	-	-	-	-
27-Jan-16	0.6284	0.4048	0.9192	0.3070	52.2668	0.6770	0.4400	1.1355	-	-	-	-	-
28-Jan-16	0.6252	0.4025	0.9165	0.3087	52.3845	0.6796	0.4403	1.1363	-	-	-	-	-
29-Jan-16	0.6181	0.4004	0.9168	0.3058	52.3172	0.6793	0.4395	1.1342	-	-	-	-	-
FEBRUARY													
01-Feb-16	0.6202	0.4053	0.9193	0.3085	53.4809	0.6786	0.4400	1.1312	-	-	-	-	-
02-Feb-16	0.6196	0.4033	0.9155	0.3048	53.4962	0.6761	0.4385	1.1365	-	-	-	-	-
03-Feb-16	0.6218	0.4015	0.9112	0.3043	52.8721	0.6772	0.4391	1.1331	-	-	-	-	-
04-Feb-16	0.6166	0.3983	0.9196	0.3031	52.2001	0.6647	0.4432	1.1439	-	-	-	-	-
05-Feb-16	0.6161	0.3953	0.9150	0.3040	51.9378	0.6606	0.4443	1.1274	-	-	-	-	-
08-Feb-16	0.6225	0.3951	0.9118	0.3043	51.7250	0.6669	0.4415	1.1192	-	-	-	-	-
09-Feb-16	0.6224	0.3934	0.9119	0.3057	51.0619	0.6672	0.4415	1.1163	-	-	-	-	-
10-Feb-16	0.6251	0.3907	0.9109	0.3054	50.9010	0.6663	0.4418	1.1171	-	-	-	-	-
11-Feb-16	0.6223	0.3920	0.9129	0.3047	50.5216	0.6638	0.4426	1.1191	-	-	-	-	-
12-Feb-16	0.6226	0.3900	0.9092	0.3064	49.6674	0.6616	0.4427	1.1194	-	-	-	-	-
15-Feb-16	0.6213	0.3927	0.9086	0.3048	50.1187	0.6661	0.4419	1.1174	-	-	-	-	-
16-Feb-16	0.6193	0.3964	0.9100	0.3066	50.9076	0.6606	0.4428	1.1245	-	-	-	-	-
17-Feb-16	0.6200	0.3948	0.9081	0.3083	50.3134	0.6719	0.4408	1.1287	-	-	-	-	-
18-Feb-16	0.6137	0.3951	0.9075	0.3082	50.2655	0.6646	0.4408	1.1174	-	-	-	-	-
19-Feb-16	0.6175	0.3880	0.9060	0.3086	50.3404	0.6675	0.4425	1.1219	-	-	-	-	-
22-Feb-16	0.6180	0.3973	0.9079	0.3086	49.9439	0.6669	0.4427	1.1225	-	-	-	-	-
23-Feb-16	0.6136	0.4023	0.9020	0.3137	50.1441	0.6629	0.4444	1.1241	-	-	-	-	-
24-Feb-16	0.6139	0.4024	0.9045	0.3162	49.6943	0.6660	0.4438	1.1223	-	-	-	-	-
25-Feb-16	0.6141	0.4019	0.9036	0.3184	49.4901	0.6664	0.4434	1.1212	-	-	-	-	-
26-Feb-16	0.6132	0.4018	0.8981	0.3177	50.0989	0.6616	0.4446	1.1244	-	-	-	-	-
29-Feb-16	0.6192	0.4043	0.9174	0.3186	50.3724	0.6669	0.4426	1.1201	-	-	-	-	-
MARCH													
01-Mar-16	0.6180	0.4049	0.9191	0.3169	49.7581	0.6714	0.4417	1.1178	-	-	-	-	-
02-Mar-16	0.6161	0.4068	0.9200	0.3169	50.4869	0.6687	0.4430	1.1281	-	-	-	-	-
03-Mar-16	0.6080	0.4081	0.9187	0.3153	50.3599	0.6666	0.4444	1.1316	-	-	-	-	-
04-Mar-16	0.6057	0.4066	0.9188	0.3147	50.6516	0.6634	0.4463	1.1302	-	-	-	-	-
07-Mar-16	0.6008	0.4046	0.9137	0.3133	50.7638	0.6565	0.4460	1.1234	-	-	-	-	-
08-Mar-16	0.5987	0.4062	0.9149	0.3138	50.7323	0.6620	0.4482	1.1237	-	-	-	-	-
09-Mar-16	0.5995	0.4062	0.9134	0.3147	50.3722	0.6630	0.4478	1.1212	-	-	-	-	-
10-Mar-16	0.5971	0.4067	0.9113	0.3150	50.9470	0.6729	0.4484	1.1249	-	-	-	-	-
11-Mar-16	0.5985	0.3978	0.9159	0.3120	50.4281	0.6703	0.4463	1.1162	-	-	-	-	-
14-Mar-16	0.5924	0.4014	0.9127	0.3111	51.0092	0.6667	0.4479	1.1237	-	-	-	-	-
15-Mar-16	0.5938	0.4017	0.9100	0.3120	50.8003	0.6708	0.4467	1.1202	-	-	-	-	-
16-Mar-16	0.5949	0.4013	0.9109	0.3137	50.3845	0.6734	0.4445	1.1199	-	-	-	-	-
17-Mar-16	0.5904	0.3974	0.9109	0.3132	50.2611	0.6649	0.4470	1.1317	-	-	-	-	-
18-Mar-16	0.5874	0.3971	0.9105	0.3104	50.1107	0.6651	0.4501	1.1310	-	-	-	-	-
21-Mar-16	0.5894	0.3983	0.9093	0.3108	50.0941	0.6612	0.4493	1.1166	-	-	-	-	-
22-Mar-16	0.5901	0.3981	0.9096	0.3115	50.1215	0.6636	0.4485	1.1143	-	-	-	-	-
23-Mar-16	0.5876	0.3990	0.9094	0.3153	50.3995	0.6650	0.4485	1.1143	-	-	-	-	-
24-Mar-16	0.5931	0.3993	0.9070	0.3165	50.2254	0.6677	0.4471	1.1119	-	-	-	-	-
APRIL													
PUBLIC HOLIDAY - Easter Monday													
29-Mar-16	0.5916	0.3987	0.9117	0.3135	50.6788	0.6652	0.4473	1.1217	-	-	-	-	-
30-Mar-16	0.5876	0.3994	0.9141	0.3125	50.6553	0.6567	0.4501	1.1287	-	-	-	-	-
31-Mar-16	0.5886	0.3983	0.9121	0.3141	50.8148	0.6528	0.4524	1.1245	-	-	-	-	-
MAY													
01-Apr-16	0.5886	0.3965	0.9105	0.3143	50.8286	0.6548	0.4521	1.1184	-	-	-	-	-
04-Apr-16	0.5888	0.3961	0.9101	0.3174	50.4311	0.6555	0.4521	1.1194	-	-	-	-	-
05-Apr-16	0.5912	0.3946	0.9073	0.3154	50.2581	0.6598	0.4505	1.1162	-	-	-	-	-
06-Apr-16	0.5951	0.3939	0.9093	0.3169	49.5288	0.6615	0.4492	1.1180	-	-	-	-	-
07-Apr-16	0.5913	0.3944	0.9106	0.3186	49.3917	0.6603	0.4504	1.1170	-	-	-	-	-
08-Apr-16	0.5962	0.3955	0.9122	0.3187	48.5630	0.6623	0.4486	1.1177	-	-	-	-	-
11-Apr-16	0.5938	0.3926	0.9118	0.3178	48.4079	0.6597	0.4492	1.1242	-	-	-	-	-
12-Apr-16	0.5920	0.3945	0.9113	0.3162	48.5979	0.6576	0.4508	1.1252	-	-	-	-	-
13-Apr-16	0.5875	0.3965	0.9078	0.3168	49.0498	0.6544	0.4525	1.1254	-	-	-	-	-
14-Apr-16	0.5896	0.4004	0.9087	0.3181	49.3827	0.6541	0.4525	1.1198	-	-	-	-	-
15-Apr-16	0.5863	0.4003	0.9093	0.3196	49.3380	0.6595	0.4517	1.1180	-	-	-	-	-
18-Apr-16	0.5907	0.3985	0.9076	0.3172	48.7634	0.6559	0.4513	1.1199	-	-	-	-	-
19-Apr-16	0.5840	0.4020	0.9090	0.3173	49.2671	0.6534	0.4534	1.1252	-	-	-	-	-
20-Apr-16	0.5819	0.4005	0.9113	0.3163	49.7211	0.6474	0.4559	1.1248	-	-	-	-	-
21-Apr-16	0.5826	0.4019	0.9113	0.3165	49.8818	0.6459	0.4549	1.1148	-	-	-	-	-
22-Apr-16	0.5834	0.4007	0.8982	0.3159	49.5625	0.6552	0.4532	1.1105	-	-	-	-	-
PUBLIC HOLIDAY - ANZAC Day													
25-Apr-16	0.5836	0.4003	0.8948	0.3115	50.1659	0.6586	0.4518	1.1204	-	-	-	-	-
26-Apr-16	0.5825	0.4002	0.8930	0.3102	50.3807	0.6563	0.4524						

06-Sep-16	0.6171	0.4292	0.9377	0.3565	48.5693	0.6433	0.4682	1.2386	0.4614	0.6108	4.0810	0.6474	0.6023	0.4087	0.9194	0.3430	47.2386	0.6261	0.4573	1.1440	0.4464	0.5915	3.9189	0.6247	0.6061	0.3882	0.9012	0.3295	45.9079	0.6089	0.4464	1.0494	0.4314	0.5722	3.7568	0.6019
07-Sep-16	0.6135	0.4282	0.9377	0.3558	48.2519	0.6385	0.4712	1.2461	0.4599	0.6107	4.0654	0.6445	0.6023	0.4077	0.9193	0.3423	46.9219	0.6213	0.4603	1.1515	0.4449	0.5914	3.9033	0.6237	0.6061	0.3872	0.9009	0.3288	45.5919	0.6041	0.4494	1.0569	0.4299	0.5721	3.7412	0.6010
08-Sep-16	0.6158	0.4295	0.9411	0.3587	48.2277	0.6372	0.4723	1.2488	0.4608	0.6149	4.0587	0.6468	0.6023	0.4080	0.9207	0.3452	46.9979	0.6200	0.4614	1.1440	0.4458	0.5966	3.9066	0.6256	0.6061	0.3872	0.9009	0.3288	45.5919	0.6041	0.4494	1.0569	0.4299	0.5721	3.7412	0.6010
09-Sep-16	0.6173	0.4278	0.9354	0.3592	48.5150	0.6413	0.4715	1.2351	0.4615	0.6149	4.0665	0.6494	0.6023	0.4080	0.9168	0.3457	47.1846	0.6241	0.4606	1.1405	0.4465	0.5966	3.9044	0.6267	0.6061	0.3877	0.9012	0.3295	45.8541	0.6069	0.4497	1.0459	0.4315	0.5763	3.7323	0.6039
12-Sep-16	0.6221	0.4248	0.9308	0.3540	48.3234	0.6461	0.4690	1.2329	0.4597	0.6175	4.0643	0.6529	0.6023	0.4083	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
13-Sep-16	0.6214	0.4277	0.9358	0.3569	48.0262	0.6422	0.4698	1.2414	0.4615	0.6185	4.0642	0.6495	0.6023	0.4080	0.9168	0.3457	47.1846	0.6241	0.4606	1.1405	0.4465	0.5966	3.9044	0.6267	0.6061	0.3877	0.9012	0.3295	45.8541	0.6069	0.4497	1.0459	0.4315	0.5763	3.7323	0.6039
14-Sep-16	0.6260	0.4262	0.9293	0.3591	48.3173	0.6479	0.4674	1.2334	0.4595	0.6207	4.0614	0.6512	0.6023	0.4080	0.9168	0.3457	47.1846	0.6241	0.4606	1.1405	0.4465	0.5966	3.9044	0.6267	0.6061	0.3877	0.9012	0.3295	45.8541	0.6069	0.4497	1.0459	0.4315	0.5763	3.7323	0.6039
15-Sep-16	0.6257	0.4272	0.9403	0.3579	48.0437	0.6451	0.4677	1.2428	0.4579	0.6225	4.0483	0.6495	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
16-Sep-16	0.6247	0.4269	0.9426	0.3540	48.1268	0.6464	0.4683	1.2442	0.4589	0.6228	4.0544	0.6516	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
19-Sep-16	0.6252	0.4289	0.9429	0.3540	48.0109	0.6469	0.4681	1.2385	0.4597	0.6228	4.0820	0.6526	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
20-Sep-16	0.6236	0.4273	0.9437	0.3544	47.9239	0.6472	0.4691	1.2392	0.4592	0.6229	4.0808	0.6509	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
21-Sep-16	0.6220	0.4306	0.9416	0.3663	47.9940	0.6450	0.4699	1.2431	0.4626	0.6258	4.1089	0.6520	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
22-Sep-16	0.6192	0.4312	0.9445	0.3665	47.9111	0.6444	0.4718	1.2464	0.4623	0.6249	4.1132	0.6507	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
23-Sep-16	0.6169	0.4300	0.9368	0.3649	47.6785	0.6477	0.4712	1.2412	0.4597	0.6208	4.1013	0.6513	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
26-Sep-16	0.6149	0.4270	0.9351	0.3631	47.5965	0.6471	0.4686	1.2350	0.4585	0.6175	4.0872	0.6485	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
27-Sep-16	0.6152	0.4266	0.9375	0.3661	47.3774	0.6492	0.4693	1.2433	0.4588	0.6265	4.0879	0.6511	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
28-Sep-16	0.6139	0.4282	0.9420	0.3651	47.4470	0.6475	0.4702	1.2450	0.4601	0.6267	4.1158	0.6513	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
29-Sep-16	0.6124	0.4285	0.9366	0.3651	47.5213	0.6472	0.4702	1.2407	0.4603	0.6227	4.1089	0.6515	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
30-Sep-16	0.6153	0.4278	0.9366	0.3659	47.7359	0.6487	0.4695	1.2398	0.4578	0.6229	4.1023	0.6527	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
OCTOBER												OCTOBER												OCTOBER												
03-Oct-16	0.6133	0.4285	0.9411	0.3686	47.8041	0.6481	0.4692	1.2440	0.4596	0.6228	4.1089	0.6532	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
04-Oct-16	0.6140	0.4295	0.9390	0.3707	48.0289	0.6505	0.4711	1.2452	0.4612	0.6228	4.1076	0.6548	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
05-Oct-16	0.6174	0.4296	0.9359	0.3732	48.4605	0.6553	0.4696	1.2405	0.4626	0.6249	4.1113	0.6554	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
06-Oct-16	0.6157	0.4314	0.9386	0.3730	48.2519	0.6541	0.4691	1.2411	0.4622	0.6249	4.1088	0.6548	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
07-Oct-16	0.6174	0.4294	0.9383	0.3733	48.4886	0.6566	0.4683	1.2437	0.4619	0.6259	4.1106	0.6546	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
10-Oct-16	0.6164	0.4285	0.9373	0.3817	48.4621	0.6554	0.4684	1.2439	0.4606	0.6259	4.1113	0.6550	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
11-Oct-16	0.6150	0.4294	0.9431	0.3836	48.6301	0.6580	0.4676	1.2442	0.4622	0.6210	4.1194	0.6549	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
12-Oct-16	0.6176	0.4306	0.9343	0.3889	48.2366	0.6632	0.4657	1.2403	0.4629	0.6233	4.1751	0.6542	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
13-Oct-16	0.6159	0.4324	0.9394	0.3866	48.3262	0.6616	0.4660	1.2472	0.4629	0.6219	4.1917	0.6570	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
14-Oct-16	0.6161	0.4313	0.9396	0.3848	48.4845	0.6599	0.4663	1.2459	0.4626	0.6207	4.1701	0.6560	0.6023	0.4080	0.9214	0.3465	46.9932	0.6263	0.4581	1.1383	0.4447	0.5962	3.9022	0.6267	0.6061	0.3877	0.9012	0.3295	45.6631	0.6097	0.4472	1.0437	0.4297	0.5789	3.7301	0.6042
17-Oct-16	0.6122	0.4349	0.9392	0.3893	48.8622	0.6604	0.4669	1.2463	0.4642	0.6182	4.1991	0.6609																								