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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS HIGH/LOW

HIGH/LOW FROM: 01/11/2019 TO 01/11/2019

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
01/11/2019	\$ / R 2019/11/29	14.25	P	Any day expiry	0.07189	0.06890			-4.16350	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	13.00	C	Any day expiry	1.72720	1.72718			-0.00114	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29			Any day expiry	14.72710	14.72710			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	14.20	C	Any day expiry	0.58790	0.58515			-0.46824	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	14.25	C	Any day expiry	0.54899	0.54600			-0.54523	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	13.00	P	Any day expiry	0.00010	0.00008			-20.56367	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	14.20	P	Any day expiry	0.06080	0.05805			-4.52763	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	17.26	P	Any day expiry	2.53332	2.53325			-0.00301	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	17.26	C	Any day expiry	0.00042	0.00035			-18.02504	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	16.03	P	Any day expiry	1.31589	1.31474			-0.08761	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	16.03	C	Any day expiry	0.01299	0.01184			-8.87303	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	16.87	P	Any day expiry	2.14419	2.14399			-0.00905	0.00000	0.00000	0
01/11/2019	\$ / R 2019/11/29	16.87	C	Any day expiry	0.00129	0.00109			-15.06520	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/02	13.44	C	Any day expiry	1.29500	1.29472			-0.02177	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/02			Any day expiry	14.73250	14.73250			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/02	13.44	P	Any day expiry	0.00250	0.00222			-11.28322	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/04	14.84	P	Any day expiry	0.33395	0.32987			-1.22371	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/04			Any day expiry	14.73620	14.73620			0.00000	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
01/11/2019	\$ / R 2019/12/04	14.84	C	Any day expiry	0.23015	0.22607			-1.77561	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.85	P	Foreign Exchange Future	2.10421	2.10369			-0.02482	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.00	P	Foreign Exchange Future	0.00079	0.00070			-10.79980	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	17.38	C	Foreign Exchange Future	0.00232	0.00209			-9.70551	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.80	C	Foreign Exchange Future	0.97957	0.97833			-0.12725	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.41	P	Foreign Exchange Future	0.15695	0.15382			-1.99113	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	12.87	C	Foreign Exchange Future	1.88299	1.88294			-0.00250	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.94	C	Foreign Exchange Future	0.85558	0.85391			-0.19447	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.55	P	Foreign Exchange Future	1.80989	1.80908			-0.04511	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.37	C	Foreign Exchange Future	0.01791	0.01686			-5.87079	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.08	P	Foreign Exchange Future	0.06622	0.06410			-3.20631	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.12	P	Foreign Exchange Future	0.07447	0.07221			-3.03215	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.13	C	Foreign Exchange Future	0.02853	0.02709			-5.02263	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.03	P	Foreign Exchange Future	0.00092	0.00082			-10.52689	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	15.81	C	Foreign Exchange Future	0.05191	0.04986			-3.95647	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	15.80	P	Foreign Exchange Future	1.10028	1.09820			-0.18859	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.66	C	Foreign Exchange Future	1.10873	1.10785			-0.07967	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.66	P	Foreign Exchange Future	0.01613	0.01525			-5.47525	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	11.89	C	Foreign Exchange Future	2.86260	2.86260			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	11.89	P	Foreign Exchange Future	0.00000	0.00000			-25.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.25	P	Foreign Exchange Future	1.52012	1.51888			-0.08126	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.25	C	Foreign Exchange Future	0.02272	0.02148			-5.43758	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	17.02	P	Foreign Exchange Future	2.27222	2.27182			-0.01765	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	17.02	C	Foreign Exchange Future	0.00482	0.00442			-8.31588	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.00	C	Foreign Exchange Future	0.80436	0.80251			-0.23033	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.00	P	Foreign Exchange Future	0.05176	0.04991			-3.57949	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.94	P	Foreign Exchange Future	0.04298	0.04131			-3.87131	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.55	C	Foreign Exchange Future	0.01249	0.01168			-6.53465	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.11	C	Foreign Exchange Future	0.71494	0.71272			-0.31114	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.11	P	Foreign Exchange Future	0.07234	0.07012			-3.07499	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	15.82	C	Foreign Exchange Future	0.05096	0.04893			-3.98841	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	15.82	P	Foreign Exchange Future	1.11836	1.11633			-0.18175	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.85	C	Foreign Exchange Future	0.00681	0.00629			-7.66532	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.00	C	Foreign Exchange Future	1.75339	1.75330			-0.00484	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	17.38	P	Foreign Exchange Future	2.62972	2.62949			-0.00856	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	13.80	P	Foreign Exchange Future	0.02697	0.02573			-4.62129	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.41	C	Foreign Exchange Future	0.49955	0.49642			-0.62557	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.35	P	Foreign Exchange Future	1.61604	1.61496			-0.06687	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	12.87	P	Foreign Exchange Future	0.00039	0.00034			-12.05220	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.37	P	Foreign Exchange Future	1.63531	1.63426			-0.06429	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.08	C	Foreign Exchange Future	0.73882	0.73670			-0.28739	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.12	C	Foreign Exchange Future	0.70707	0.70481			-0.31935	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.13	P	Foreign Exchange Future	1.40593	1.40449			-0.10191	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.99	P	Foreign Exchange Future	2.24253	2.24211			-0.01875	0.00000	0.00000	0

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01/11/2019	\$ / R 2019/12/13	13.03	C	Foreign Exchange Future	1.72352	1.72342			-0.00560	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	15.81	P	Foreign Exchange Future	1.10931	1.10726			-0.18515	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	15.80	C	Foreign Exchange Future	0.05288	0.05080			-3.92414	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	20.00	P	Foreign Exchange Future	5.24741	5.24740			-0.00002	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	20.00	C	Foreign Exchange Future	0.00001	0.00000			-21.56863	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.07	C	Foreign Exchange Future	0.74687	0.74478			-0.27977	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.07	P	Foreign Exchange Future	0.06427	0.06218			-3.25116	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.20	P	Foreign Exchange Future	1.47238	1.47107			-0.08931	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.20	C	Foreign Exchange Future	0.02498	0.02367			-5.26392	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.35	C	Foreign Exchange Future	0.01864	0.01756			-5.79852	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.10	C	Foreign Exchange Future	0.72286	0.72067			-0.30307	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	14.10	P	Foreign Exchange Future	0.07026	0.06807			-3.11818	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/13	16.99	C	Foreign Exchange Future	0.00513	0.00471			-8.20213	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	17.44	P	Any day expiry	2.66283	2.66238			-0.01696	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	16.21	P	Any day expiry	1.47773	1.47613			-0.10862	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31			Any day expiry	14.78540	14.78540			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	14.20	P	Any day expiry	0.12818	0.12593			-1.75524	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	17.44	C	Any day expiry	0.00823	0.00778			-5.48583	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	16.21	C	Any day expiry	0.05313	0.05153			-3.02089	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	17.05	C	Any day expiry	0.01488	0.01419			-4.68387	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	14.20	C	Any day expiry	0.71358	0.71133			-0.31530	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	14.25	C	Any day expiry	0.67839	0.67603			-0.34762	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	14.25	P	Any day expiry	0.14299	0.14063			-1.64919	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	17.05	P	Any day expiry	2.27948	2.27879			-0.03058	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	13.00	P	Any day expiry	0.00297	0.00278			-6.18070	0.00000	0.00000	0
01/11/2019	\$ / R 2019/12/31	13.00	C	Any day expiry	1.78837	1.78818			-0.01026	0.00000	0.00000	0
01/11/2019	\$ / R 2020/01/02			Any day expiry	14.78910	14.78910			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/01/02	13.49	P	Any day expiry	0.01978	0.01904			-3.71885	0.00000	0.00000	0
01/11/2019	\$ / R 2020/01/02	13.49	C	Any day expiry	1.31888	1.31814			-0.05577	0.00000	0.00000	0
01/11/2019	\$ / R 2020/01/31	13.54	P	Any day expiry	0.04604	0.04510			-2.03542	0.00000	0.00000	0
01/11/2019	\$ / R 2020/01/31			Any day expiry	14.84240	14.84240			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/01/31	13.54	C	Any day expiry	1.34844	1.34750			-0.06950	0.00000	0.00000	0
01/11/2019	\$ / R 2020/02/28			Any day expiry	14.89510	14.89510			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/02/28	14.78	P	Any day expiry	0.46954	0.46735			-0.46484	0.00000	0.00000	0
01/11/2019	\$ / R 2020/02/28	14.78	C	Any day expiry	0.58464	0.58245			-0.37333	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/02			Any day expiry	14.90060	14.90060			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/02	13.59	P	Any day expiry	0.07809	0.07707			-1.30716	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/02	13.59	C	Any day expiry	1.38869	1.38767			-0.07351	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	14.01	P	Foreign Exchange Future	0.18069	0.17923			-0.80647	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	17.73	C	Foreign Exchange Future	0.06214	0.06118			-1.55464	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	14.40	C	Foreign Exchange Future	0.83903	0.83721			-0.21591	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	16.60	P	Foreign Exchange Future	1.82650	1.82493			-0.08595	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	14.51	P	Foreign Exchange Future	0.36012	0.35822			-0.52561	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	16.81	C	Foreign Exchange Future	0.12861	0.12717			-1.12576	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	13.19	P	Foreign Exchange Future	0.03838	0.03778			-1.55638	0.00000	0.00000	0

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01/11/2019	\$ / R 2020/03/16	15.61	C	Foreign Exchange Future	0.33518	0.33313			-0.61068	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	15.63	C	Foreign Exchange Future	0.32989	0.32785			-0.61854	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	11.91	C	Foreign Exchange Future	3.01637	3.01635			-0.00063	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	11.91	P	Foreign Exchange Future	0.00047	0.00045			-4.06190	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	13.06	C	Foreign Exchange Future	1.89361	1.89314			-0.02526	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	13.06	P	Foreign Exchange Future	0.02771	0.02724			-1.72616	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	14.51	C	Foreign Exchange Future	0.77602	0.77412			-0.24391	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	15.61	P	Foreign Exchange Future	1.01928	1.01723			-0.20082	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	14.01	C	Foreign Exchange Future	1.09659	1.09513			-0.13288	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	17.73	P	Foreign Exchange Future	2.86624	2.86528			-0.03371	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	14.40	P	Foreign Exchange Future	0.31313	0.31131			-0.57852	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	16.60	C	Foreign Exchange Future	0.15240	0.15083			-1.03015	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	16.81	P	Foreign Exchange Future	2.01271	2.01127			-0.07194	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	13.19	C	Foreign Exchange Future	1.77428	1.77368			-0.03366	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	15.63	P	Foreign Exchange Future	1.03399	1.03195			-0.19734	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	12.96	C	Foreign Exchange Future	1.98712	1.98672			-0.01994	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	12.96	P	Foreign Exchange Future	0.02122	0.02082			-1.86791	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	13.78	C	Foreign Exchange Future	1.27127	1.27005			-0.09593	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	13.78	P	Foreign Exchange Future	0.12537	0.12415			-0.97271	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	17.88	P	Foreign Exchange Future	3.00949	3.00859			-0.02990	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	17.88	C	Foreign Exchange Future	0.05539	0.05449			-1.62473	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	14.66	C	Foreign Exchange Future	0.69617	0.69419			-0.28496	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	14.66	P	Foreign Exchange Future	0.43027	0.42829			-0.46106	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	17.04	P	Foreign Exchange Future	2.22103	2.21971			-0.05931	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	17.04	C	Foreign Exchange Future	0.10693	0.10561			-1.23195	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	15.62	C	Foreign Exchange Future	0.33252	0.33048			-0.61460	0.00000	0.00000	0
01/11/2019	\$ / R 2020/03/16	15.62	P	Foreign Exchange Future	1.02662	1.02458			-0.19907	0.00000	0.00000	0
01/11/2019	\$ / R 2020/04/02	13.64	C	Any day expiry	1.42998	1.42893			-0.07369	0.00000	0.00000	0
01/11/2019	\$ / R 2020/04/02			Any day expiry	14.95720	14.95720			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/04/02	13.64	P	Any day expiry	0.11278	0.11173			-0.93438	0.00000	0.00000	0
01/11/2019	\$ / R 2020/04/29			Any day expiry	15.00870	15.00870			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/04/29	13.69	P	Any day expiry	0.14436	0.14330			-0.73587	0.00000	0.00000	0
01/11/2019	\$ / R 2020/04/29	13.69	C	Any day expiry	1.46306	1.46200			-0.07261	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/02	13.74	P	Any day expiry	0.18223	0.18118			-0.57763	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/02			Any day expiry	15.07600	15.07600			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/02	13.74	C	Any day expiry	1.51823	1.51718			-0.06933	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	11.90	C	Foreign Exchange Future	3.20233	3.20222			-0.00333	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	14.25	C	Foreign Exchange Future	1.19032	1.18897			-0.11346	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	15.17	P	Foreign Exchange Future	0.79969	0.79799			-0.21155	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12			Foreign Exchange Future	15.09580	15.09580			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	14.25	P	Foreign Exchange Future	0.34452	0.34317			-0.39199	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	17.26	P	Foreign Exchange Future	2.39177	2.39041			-0.05699	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	17.26	C	Foreign Exchange Future	0.22757	0.22621			-0.59897	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	15.17	C	Foreign Exchange Future	0.72549	0.72379			-0.23318	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
01/11/2019	\$ / R 2020/06/12	11.90	P	Foreign Exchange Future	0.00653	0.00642			-1.63116	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	15.18	C	Foreign Exchange Future	0.72145	0.71976			-0.23468	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	15.16	P	Foreign Exchange Future	0.79373	0.79204			-0.21294	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	15.18	P	Foreign Exchange Future	0.80565	0.80396			-0.21015	0.00000	0.00000	0
01/11/2019	\$ / R 2020/06/12	15.16	C	Foreign Exchange Future	0.72953	0.72784			-0.23168	0.00000	0.00000	0
01/11/2019	\$ / R 2020/07/28			Any day expiry	15.18680	15.18680			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/07/28	15.37	P	Any day expiry	0.95408	0.95250			-0.16547	0.00000	0.00000	0
01/11/2019	\$ / R 2020/07/28	15.37	C	Any day expiry	0.77088	0.76930			-0.20479	0.00000	0.00000	0
01/11/2019	\$ / R 2020/09/14	15.35	P	Foreign Exchange Future	0.97051	0.96904			-0.15081	0.00000	0.00000	0
01/11/2019	\$ / R 2020/09/14	15.34	C	Foreign Exchange Future	0.90488	0.90342			-0.16161	0.00000	0.00000	0
01/11/2019	\$ / R 2020/09/14			Foreign Exchange Future	15.28040	15.28040			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R 2020/09/14	15.35	C	Foreign Exchange Future	0.90091	0.89944			-0.16246	0.00000	0.00000	0
01/11/2019	\$ / R 2020/09/14	15.34	P	Foreign Exchange Future	0.96448	0.96302			-0.15162	0.00000	0.00000	0
01/11/2019	\$ / R 2020/09/14	15.36	C	Foreign Exchange Future	0.89694	0.89548			-0.16332	0.00000	0.00000	0
01/11/2019	\$ / R 2020/09/14	15.36	P	Foreign Exchange Future	0.97654	0.97508			-0.15001	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2019/12/13	14.02	P	Foreign Exchange Future	0.05513	0.05321			-3.48310	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2019/12/13	14.01	C	Foreign Exchange Future	0.79602	0.79413			-0.23697	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2019/12/13	14.02	C	Foreign Exchange Future	0.78773	0.78581			-0.24376	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2019/12/13	14.01	P	Foreign Exchange Future	0.05342	0.05153			-3.53112	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2019/12/13	14.03	C	Foreign Exchange Future	0.77947	0.77752			-0.25068	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2019/12/13	14.03	P	Foreign Exchange Future	0.05687	0.05492			-3.43565	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2020/03/16	14.68	C	Foreign Exchange Future	0.68605	0.68406			-0.29067	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2020/03/16	14.69	P	Foreign Exchange Future	0.44513	0.44313			-0.44912	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2020/03/16	14.68	P	Foreign Exchange Future	0.44015	0.43816			-0.45306	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2020/03/16	14.69	C	Foreign Exchange Future	0.68103	0.67903			-0.29355	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2020/03/16	14.67	C	Foreign Exchange Future	0.69110	0.68911			-0.28781	0.00000	0.00000	0
01/11/2019	\$ / R MAXI 2020/03/16	14.67	P	Foreign Exchange Future	0.43520	0.43321			-0.45704	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	19.96	C	Foreign Exchange Future	0.14789	0.14418			-2.50806	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	19.95	P	Foreign Exchange Future	0.82903	0.82530			-0.44996	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13			Foreign Exchange Future	19.27110	19.27110			0.00000	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	19.97	C	Foreign Exchange Future	0.14567	0.14198			-2.53146	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	19.97	P	Foreign Exchange Future	0.84457	0.84088			-0.43662	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	19.96	P	Foreign Exchange Future	0.83679	0.83308			-0.44325	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	19.95	C	Foreign Exchange Future	0.15013	0.14640			-2.48468	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	18.75	C	Foreign Exchange Future	0.68783	0.68413			-0.53701	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	18.75	P	Foreign Exchange Future	0.16673	0.16303			-2.21542	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	22.13	P	Foreign Exchange Future	2.86205	2.86176			-0.01030	0.00000	0.00000	0
01/11/2019	£ / R 2019/12/13	22.13	C	Foreign Exchange Future	0.00315	0.00286			-9.34953	0.00000	0.00000	0
01/11/2019	£ / R 2020/03/16	20.31	C	Foreign Exchange Future	0.43254	0.43003			-0.58032	0.00000	0.00000	0
01/11/2019	£ / R 2020/03/16	19.00	P	Foreign Exchange Future	0.43568	0.43331			-0.54320	0.00000	0.00000	0
01/11/2019	£ / R 2020/03/16			Foreign Exchange Future	19.57520	19.57520			0.00000	0.00000	0.00000	0
01/11/2019	£ / R 2020/03/16	20.29	C	Foreign Exchange Future	0.43860	0.43608			-0.57383	0.00000	0.00000	0
01/11/2019	£ / R 2020/03/16	20.29	P	Foreign Exchange Future	1.15340	1.15088			-0.21821	0.00000	0.00000	0

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01/11/2019	£ / R 2020/03/16	20.31	P	Foreign Exchange Future	1.16734	1.16483			-0.21503	0.00000	0.00000	0
01/11/2019	£ / R 2020/03/16	19.00	C	Foreign Exchange Future	1.01088	1.00851			-0.23411	0.00000	0.00000	0
01/11/2019	£ / R 2020/03/16	20.30	C	Foreign Exchange Future	0.43556	0.43304			-0.57705	0.00000	0.00000	0
01/11/2019	£ / R 2020/03/16	20.30	P	Foreign Exchange Future	1.16036	1.15784			-0.21661	0.00000	0.00000	0
01/11/2019	£ / R 2020/06/12	20.01	P	Foreign Exchange Future	1.03323	1.03111			-0.20562	0.00000	0.00000	0
01/11/2019	£ / R 2020/06/12			Foreign Exchange Future	19.86290	19.86290			0.00000	0.00000	0.00000	0
01/11/2019	£ / R 2020/06/12	20.00	C	Foreign Exchange Future	0.89033	0.88820			-0.23853	0.00000	0.00000	0
01/11/2019	£ / R 2020/06/12	20.00	P	Foreign Exchange Future	1.02743	1.02530			-0.20670	0.00000	0.00000	0
01/11/2019	£ / R 2020/06/12	20.01	C	Foreign Exchange Future	0.88613	0.88401			-0.23975	0.00000	0.00000	0
01/11/2019	£ / R 2020/06/12	19.99	C	Foreign Exchange Future	0.89454	0.89242			-0.23732	0.00000	0.00000	0
01/11/2019	£ / R 2020/06/12	19.99	P	Foreign Exchange Future	1.02164	1.01951			-0.20779	0.00000	0.00000	0
01/11/2019	£ / R 2020/09/14	20.30	C	Foreign Exchange Future	1.13013	1.12826			-0.16525	0.00000	0.00000	0
01/11/2019	£ / R 2020/09/14	20.29	P	Foreign Exchange Future	1.25392	1.25206			-0.14887	0.00000	0.00000	0
01/11/2019	£ / R 2020/09/14			Foreign Exchange Future	20.17040	20.17040			0.00000	0.00000	0.00000	0
01/11/2019	£ / R 2020/09/14	20.31	C	Foreign Exchange Future	1.12594	1.12407			-0.16591	0.00000	0.00000	0
01/11/2019	£ / R 2020/09/14	20.31	P	Foreign Exchange Future	1.26554	1.26367			-0.14761	0.00000	0.00000	0
01/11/2019	£ / R 2020/09/14	20.30	P	Foreign Exchange Future	1.25973	1.25786			-0.14825	0.00000	0.00000	0
01/11/2019	£ / R 2020/09/14	20.29	C	Foreign Exchange Future	1.13432	1.13246			-0.16456	0.00000	0.00000	0
01/11/2019	¥ / R 2019/12/13	0.13	P	Foreign Exchange Future	0.00120	0.00117			-2.35840	0.00000	0.00000	0
01/11/2019	¥ / R 2019/12/13	0.12	C	Foreign Exchange Future	0.01462	0.01462			-0.01197	0.00000	0.00000	0
01/11/2019	¥ / R 2019/12/13			Foreign Exchange Future	0.13460	0.13460			0.00000	0.00000	0.00000	0
01/11/2019	¥ / R 2019/12/13	0.13	C	Foreign Exchange Future	0.00580	0.00577			-0.48844	0.00000	0.00000	0
01/11/2019	¥ / R 2019/12/13	0.12	P	Foreign Exchange Future	0.00002	0.00002			-9.06642	0.00000	0.00000	0
01/11/2019	¥ / R 2019/12/13	0.14	C	Foreign Exchange Future	0.00133	0.00129			-2.40426	0.00000	0.00000	0
01/11/2019	¥ / R 2019/12/13	0.14	P	Foreign Exchange Future	0.00673	0.00669			-0.47396	0.00000	0.00000	0
01/11/2019	¥ / R 2020/03/16	0.15	P	Foreign Exchange Future	0.01490	0.01489			-0.12058	0.00000	0.00000	0
01/11/2019	¥ / R 2020/03/16			Foreign Exchange Future	0.13720	0.13720			0.00000	0.00000	0.00000	0
01/11/2019	¥ / R 2020/03/16	0.14	C	Foreign Exchange Future	0.00473	0.00471			-0.45751	0.00000	0.00000	0
01/11/2019	¥ / R 2020/03/16	0.14	P	Foreign Exchange Future	0.00753	0.00751			-0.28734	0.00000	0.00000	0
01/11/2019	¥ / R 2020/03/16	0.15	C	Foreign Exchange Future	0.00210	0.00209			-0.85450	0.00000	0.00000	0
01/11/2019	¥ / R 2020/03/16	0.13	C	Foreign Exchange Future	0.00966	0.00964			-0.17297	0.00000	0.00000	0
01/11/2019	¥ / R 2020/03/16	0.13	P	Foreign Exchange Future	0.00246	0.00244			-0.67926	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	18.03	P	Foreign Exchange Future	1.30431	1.30241			-0.14524	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	13.73	C	Foreign Exchange Future	3.03890	3.03890			-0.00003	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	16.15	C	Foreign Exchange Future	0.71119	0.70859			-0.36522	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	14.09	P	Foreign Exchange Future	0.00003	0.00002			-17.09091	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	15.70	P	Foreign Exchange Future	0.02443	0.02323			-4.89515	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	19.80	P	Foreign Exchange Future	3.03259	3.03244			-0.00525	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13			Foreign Exchange Future	16.76890	16.76890			0.00000	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	18.02	C	Foreign Exchange Future	0.04398	0.04207			-4.35307	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	18.02	P	Foreign Exchange Future	1.29508	1.29317			-0.14783	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	20.62	P	Foreign Exchange Future	3.85139	3.85135			-0.00103	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	20.62	C	Foreign Exchange Future	0.00029	0.00025			-13.72958	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	14.09	C	Foreign Exchange Future	2.67893	2.67892			-0.00018	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	18.03	C	Foreign Exchange Future	0.04321	0.04131			-4.38431	0.00000	0.00000	0

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01/11/2019	€ / R 2019/12/13	13.73	P	Foreign Exchange Future	0.00000	0.00000			-21.73913	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	16.15	P	Foreign Exchange Future	0.09229	0.08969			-2.81436	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	15.70	C	Foreign Exchange Future	1.09333	1.09213			-0.10936	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	19.79	P	Foreign Exchange Future	3.02262	3.02246			-0.00535	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	15.85	P	Foreign Exchange Future	0.03939	0.03777			-4.11544	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	19.80	C	Foreign Exchange Future	0.00149	0.00134			-10.64499	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	18.01	C	Foreign Exchange Future	0.04477	0.04283			-4.32176	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	18.01	P	Foreign Exchange Future	1.28587	1.28393			-0.15046	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	19.79	C	Foreign Exchange Future	0.00152	0.00136			-10.61093	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	14.23	C	Foreign Exchange Future	2.53895	2.53894			-0.00033	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	14.23	P	Foreign Exchange Future	0.00005	0.00005			-15.88785	0.00000	0.00000	0
01/11/2019	€ / R 2019/12/13	15.85	C	Foreign Exchange Future	0.95829	0.95667			-0.16916	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10	16.65	C	Any day expiry	0.68495	0.68255			-0.34975	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10	17.00	P	Any day expiry	0.53615	0.53357			-0.48065	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10			Any day expiry	16.97740	16.97740			0.00000	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10	17.07	P	Any day expiry	0.57650	0.57391			-0.44952	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10	17.07	C	Any day expiry	0.48390	0.48131			-0.53555	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10	16.65	P	Any day expiry	0.35755	0.35515			-0.67001	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10	16.91	P	Any day expiry	0.48651	0.48396			-0.52377	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10	17.00	C	Any day expiry	0.51355	0.51097			-0.50180	0.00000	0.00000	0
01/11/2019	€ / R 2020/02/10	16.91	C	Any day expiry	0.55391	0.55136			-0.46004	0.00000	0.00000	0
01/11/2019	€ / R 2020/03/16	18.46	C	Foreign Exchange Future	0.22579	0.22387			-0.85259	0.00000	0.00000	0
01/11/2019	€ / R 2020/03/16	18.45	P	Foreign Exchange Future	1.58118	1.57925			-0.12209	0.00000	0.00000	0
01/11/2019	€ / R 2020/03/16			Foreign Exchange Future	17.09630	17.09630			0.00000	0.00000	0.00000	0
01/11/2019	€ / R 2020/03/16	18.47	C	Foreign Exchange Future	0.22412	0.22220			-0.85664	0.00000	0.00000	0
01/11/2019	€ / R 2020/03/16	18.47	P	Foreign Exchange Future	1.59782	1.59590			-0.12016	0.00000	0.00000	0
01/11/2019	€ / R 2020/03/16	18.46	P	Foreign Exchange Future	1.58949	1.58757			-0.12111	0.00000	0.00000	0
01/11/2019	€ / R 2020/03/16	18.45	C	Foreign Exchange Future	0.22748	0.22555			-0.84859	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13	11.00	P	Foreign Exchange Future	0.57123	0.57015			-0.18901	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13	10.91	P	Foreign Exchange Future	0.49193	0.49065			-0.26150	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13			Foreign Exchange Future	10.45630	10.45630			0.00000	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13	10.90	C	Foreign Exchange Future	0.03963	0.03832			-3.30485	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13	10.90	P	Foreign Exchange Future	0.48333	0.48202			-0.27096	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13	11.00	C	Foreign Exchange Future	0.02753	0.02645			-3.92125	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13	10.91	C	Foreign Exchange Future	0.03823	0.03695			-3.36471	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13	10.89	C	Foreign Exchange Future	0.04107	0.03973			-3.24548	0.00000	0.00000	0
01/11/2019	AU\$ / R 2019/12/13	10.89	P	Foreign Exchange Future	0.47477	0.47343			-0.28073	0.00000	0.00000	0
01/11/2019	AU\$ / R 2020/03/16	11.05	P	Foreign Exchange Future	0.60148	0.60044			-0.17404	0.00000	0.00000	0
01/11/2019	AU\$ / R 2020/03/16	11.06	C	Foreign Exchange Future	0.15226	0.15121			-0.68464	0.00000	0.00000	0
01/11/2019	AU\$ / R 2020/03/16			Foreign Exchange Future	10.60320	10.60320			0.00000	0.00000	0.00000	0
01/11/2019	AU\$ / R 2020/03/16	11.07	C	Foreign Exchange Future	0.14986	0.14882			-0.69252	0.00000	0.00000	0
01/11/2019	AU\$ / R 2020/03/16	11.07	P	Foreign Exchange Future	0.61666	0.61562			-0.16829	0.00000	0.00000	0
01/11/2019	AU\$ / R 2020/03/16	11.05	C	Foreign Exchange Future	0.15468	0.15364			-0.67673	0.00000	0.00000	0
01/11/2019	AU\$ / R 2020/03/16	11.06	P	Foreign Exchange Future	0.60906	0.60801			-0.17115	0.00000	0.00000	0
01/11/2019	CAD/ R 2019/12/13	11.54	C	Foreign Exchange Future	0.04645	0.04490			-3.32364	0.00000	0.00000	0

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01/11/2019	CAD/ R 2019/12/13	11.55	P	Foreign Exchange Future	0.58476	0.58324			-0.26000	0.00000	0.00000	0
01/11/2019	CAD/ R 2019/12/13	11.53	P	Foreign Exchange Future	0.56757	0.56600			-0.27607	0.00000	0.00000	0
01/11/2019	CAD/ R 2019/12/13			Foreign Exchange Future	11.01030	11.01030			0.00000	0.00000	0.00000	0
01/11/2019	CAD/ R 2019/12/13	11.54	P	Foreign Exchange Future	0.57615	0.57460			-0.26794	0.00000	0.00000	0
01/11/2019	CAD/ R 2019/12/13	11.55	C	Foreign Exchange Future	0.04506	0.04354			-3.37396	0.00000	0.00000	0
01/11/2019	CAD/ R 2019/12/13	11.53	C	Foreign Exchange Future	0.04787	0.04630			-3.27351	0.00000	0.00000	0
01/11/2019	CAD/ R 2020/03/16	11.70	C	Foreign Exchange Future	0.17765	0.17643			-0.68718	0.00000	0.00000	0
01/11/2019	CAD/ R 2020/03/16			Foreign Exchange Future	11.16030	11.16030			0.00000	0.00000	0.00000	0
01/11/2019	CAD/ R 2020/03/16	11.68	C	Foreign Exchange Future	0.18250	0.18127			-0.67380	0.00000	0.00000	0
01/11/2019	CAD/ R 2020/03/16	11.68	P	Foreign Exchange Future	0.70220	0.70097			-0.17512	0.00000	0.00000	0
01/11/2019	CAD/ R 2020/03/16	11.70	P	Foreign Exchange Future	0.71735	0.71613			-0.17018	0.00000	0.00000	0
01/11/2019	CAD/ R 2020/03/16	11.69	C	Foreign Exchange Future	0.18006	0.17884			-0.68043	0.00000	0.00000	0
01/11/2019	CAD/ R 2020/03/16	11.69	P	Foreign Exchange Future	0.70976	0.70854			-0.17262	0.00000	0.00000	0
01/11/2019	CHF / R 2019/12/13	15.96	P	Foreign Exchange Future	1.22408	1.22241			-0.13653	0.00000	0.00000	0
01/11/2019	CHF / R 2019/12/13	15.95	C	Foreign Exchange Future	0.03791	0.03622			-4.46018	0.00000	0.00000	0
01/11/2019	CHF / R 2019/12/13			Foreign Exchange Future	14.77310	14.77310			0.00000	0.00000	0.00000	0
01/11/2019	CHF / R 2019/12/13	15.96	C	Foreign Exchange Future	0.03718	0.03551			-4.49476	0.00000	0.00000	0
01/11/2019	CHF / R 2019/12/13	15.95	P	Foreign Exchange Future	1.21481	1.21312			-0.13919	0.00000	0.00000	0
01/11/2019	CHF / R 2019/12/13	15.97	C	Foreign Exchange Future	0.03647	0.03481			-4.52921	0.00000	0.00000	0
01/11/2019	CHF / R 2019/12/13	15.97	P	Foreign Exchange Future	1.23337	1.23171			-0.13391	0.00000	0.00000	0
01/11/2019	CHF / R 2020/03/16	16.64	P	Foreign Exchange Future	1.72926	1.72763			-0.09447	0.00000	0.00000	0
01/11/2019	CHF / R 2020/03/16			Foreign Exchange Future	15.07740	15.07740			0.00000	0.00000	0.00000	0
01/11/2019	CHF / R 2020/03/16	16.63	C	Foreign Exchange Future	0.16804	0.16640			-0.97570	0.00000	0.00000	0
01/11/2019	CHF / R 2020/03/16	16.63	P	Foreign Exchange Future	1.72064	1.71900			-0.09529	0.00000	0.00000	0
01/11/2019	CHF / R 2020/03/16	16.64	C	Foreign Exchange Future	0.16666	0.16503			-0.98026	0.00000	0.00000	0
01/11/2019	CHF / R 2020/03/16	16.62	C	Foreign Exchange Future	0.16944	0.16779			-0.97120	0.00000	0.00000	0
01/11/2019	CHF / R 2020/03/16	16.62	P	Foreign Exchange Future	1.71204	1.71039			-0.09612	0.00000	0.00000	0
01/11/2019	CNH / R 2019/12/13	2.11	P	Foreign Exchange Future	0.00734	0.00708			-3.55833	0.00000	0.00000	0
01/11/2019	CNH / R 2019/12/13	2.10	C	Foreign Exchange Future	0.12058	0.12035			-0.19057	0.00000	0.00000	0
01/11/2019	CNH / R 2019/12/13			Foreign Exchange Future	2.21470	2.21470			0.00000	0.00000	0.00000	0
01/11/2019	CNH / R 2019/12/13	2.11	C	Foreign Exchange Future	0.11204	0.11178			-0.23323	0.00000	0.00000	0
01/11/2019	CNH / R 2019/12/13	2.10	P	Foreign Exchange Future	0.00588	0.00565			-3.90648	0.00000	0.00000	0
01/11/2019	CNH / R 2019/12/13	2.12	C	Foreign Exchange Future	0.10377	0.10347			-0.28261	0.00000	0.00000	0
01/11/2019	CNH / R 2019/12/13	2.12	P	Foreign Exchange Future	0.00907	0.00877			-3.23441	0.00000	0.00000	0
01/11/2019	DKK / R 2019/12/13	2.54	P	Foreign Exchange Future	0.29091	0.29087			-0.01267	0.00000	0.00000	0
01/11/2019	DKK / R 2019/12/13			Foreign Exchange Future	2.24950	2.24950			0.00000	0.00000	0.00000	0
01/11/2019	DKK / R 2019/12/13	2.54	C	Foreign Exchange Future	0.00041	0.00037			-8.95178	0.00000	0.00000	0
01/11/2019	DKK / R 2019/12/13	2.55	C	Foreign Exchange Future	0.00034	0.00030			-9.33262	0.00000	0.00000	0
01/11/2019	DKK / R 2019/12/13	2.53	P	Foreign Exchange Future	0.28100	0.28096			-0.01539	0.00000	0.00000	0
01/11/2019	DKK / R 2019/12/13	2.55	P	Foreign Exchange Future	0.30084	0.30080			-0.01041	0.00000	0.00000	0
01/11/2019	DKK / R 2019/12/13	2.53	C	Foreign Exchange Future	0.00050	0.00046			-8.58090	0.00000	0.00000	0
01/11/2019	DKK / R 2020/03/16	2.61	C	Foreign Exchange Future	0.00963	0.00949			-1.42440	0.00000	0.00000	0
01/11/2019	DKK / R 2020/03/16	2.60	P	Foreign Exchange Future	0.31534	0.31519			-0.04536	0.00000	0.00000	0
01/11/2019	DKK / R 2020/03/16			Foreign Exchange Future	2.29500	2.29500			0.00000	0.00000	0.00000	0
01/11/2019	DKK / R 2020/03/16	2.62	C	Foreign Exchange Future	0.00897	0.00884			-1.46534	0.00000	0.00000	0



Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
01/11/2019	DKK / R 2020/03/16	2.62	P	Foreign Exchange Future	0.33397	0.33384			-0.03935	0.00000	0.00000	0
01/11/2019	DKK / R 2020/03/16	2.61	P	Foreign Exchange Future	0.32463	0.32449			-0.04225	0.00000	0.00000	0
01/11/2019	DKK / R 2020/03/16	2.60	C	Foreign Exchange Future	0.01034	0.01019			-1.38377	0.00000	0.00000	0
01/11/2019	HK\$/R 2019/12/13	1.84	C	Foreign Exchange Future	0.06663	0.06624			-0.58255	0.00000	0.00000	0
01/11/2019	HK\$/R 2019/12/13	1.83	P	Foreign Exchange Future	0.01535	0.01498			-2.35036	0.00000	0.00000	0
01/11/2019	HK\$/R 2019/12/13			Foreign Exchange Future	1.88810	1.88810			0.00000	0.00000	0.00000	0
01/11/2019	HK\$/R 2019/12/13	1.85	C	Foreign Exchange Future	0.06022	0.05981			-0.68434	0.00000	0.00000	0
01/11/2019	HK\$/R 2019/12/13	1.85	P	Foreign Exchange Future	0.02212	0.02171			-1.86308	0.00000	0.00000	0
01/11/2019	HK\$/R 2019/12/13	1.84	P	Foreign Exchange Future	0.01853	0.01814			-2.09479	0.00000	0.00000	0
01/11/2019	HK\$/R 2019/12/13	1.83	C	Foreign Exchange Future	0.07345	0.07308			-0.49107	0.00000	0.00000	0
01/11/2019	KES / R 2019/12/13			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
01/11/2019	KES / R 2020/03/16			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
01/11/2019	NOK/R 2019/12/13			Foreign Exchange Future	1.71570	1.71570			0.00000	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2019/12/13	10.35	P	Foreign Exchange Future	0.50734	0.50600			-0.26239	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2019/12/13			Foreign Exchange Future	9.88230	9.88230			0.00000	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2019/12/13	10.35	C	Foreign Exchange Future	0.03964	0.03830			-3.35863	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2019/12/13	10.34	P	Foreign Exchange Future	0.49874	0.49739			-0.27160	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2019/12/13	10.36	C	Foreign Exchange Future	0.03827	0.03696			-3.41711	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2019/12/13	10.36	P	Foreign Exchange Future	0.51597	0.51466			-0.25346	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2019/12/13	10.34	C	Foreign Exchange Future	0.04104	0.03969			-3.30063	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2020/03/16	10.52	C	Foreign Exchange Future	0.14727	0.14622			-0.71374	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2020/03/16	10.53	P	Foreign Exchange Future	0.66093	0.65989			-0.15831	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2020/03/16			Foreign Exchange Future	10.01410	10.01410			0.00000	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2020/03/16	10.52	P	Foreign Exchange Future	0.65317	0.65212			-0.16092	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2020/03/16	10.53	C	Foreign Exchange Future	0.14503	0.14399			-0.72142	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2020/03/16	10.51	C	Foreign Exchange Future	0.14954	0.14848			-0.70592	0.00000	0.00000	0
01/11/2019	NZ\$ / R 2020/03/16	10.51	P	Foreign Exchange Future	0.64544	0.64438			-0.16355	0.00000	0.00000	0
01/11/2019	PULA / R 2019/12/13	1.35	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
01/11/2019	PULA / R 2019/12/13			Foreign Exchange Future	1.35080	1.35080			0.00000	0.00000	0.00000	0
01/11/2019	PULA / R 2019/12/13	1.34	C	Foreign Exchange Future	0.01080	0.01080			0.00000	0.00000	0.00000	0
01/11/2019	PULA / R 2019/12/13	1.34	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
01/11/2019	PULA / R 2019/12/13	1.35	C	Foreign Exchange Future	0.00080	0.00080			0.00000	0.00000	0.00000	0
01/11/2019	PULA / R 2019/12/13	1.33	C	Foreign Exchange Future	0.02080	0.02080			0.00000	0.00000	0.00000	0
01/11/2019	PULA / R 2019/12/13	1.33	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
01/11/2019	QUANTO £ / \$ 2019/12/13			Foreign Exchange Future	1.30630	1.30630			0.00000	0.00000	0.00000	0
01/11/2019	QUANTO £ / \$ 2020/03/16			Foreign Exchange Future	1.31150	1.31150			0.00000	0.00000	0.00000	0
01/11/2019	QUANTO € / \$ 2019/12/13			Foreign Exchange Future	1.13670	1.13670			0.00000	0.00000	0.00000	0
01/11/2019	QUANTO € / \$ 2020/03/16			Foreign Exchange Future	1.14540	1.14540			0.00000	0.00000	0.00000	0
01/11/2019	SGD / R 2019/12/13	10.67	P	Foreign Exchange Future	0.09947	0.09749			-1.98219	0.00000	0.00000	0
01/11/2019	SGD / R 2019/12/13	10.66	C	Foreign Exchange Future	0.31971	0.31776			-0.60940	0.00000	0.00000	0
01/11/2019	SGD / R 2019/12/13			Foreign Exchange Future	10.88370	10.88370			0.00000	0.00000	0.00000	0
01/11/2019	SGD / R 2019/12/13	10.67	C	Foreign Exchange Future	0.31317	0.31119			-0.62957	0.00000	0.00000	0
01/11/2019	SGD / R 2019/12/13	10.66	P	Foreign Exchange Future	0.09601	0.09406			-2.02929	0.00000	0.00000	0
01/11/2019	SGD / R 2019/12/13	10.68	C	Foreign Exchange Future	0.30670	0.30471			-0.65017	0.00000	0.00000	0
01/11/2019	SGD / R 2019/12/13	10.68	P	Foreign Exchange Future	0.10300	0.10101			-1.93597	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
01/11/2019	TRY / R 2019/12/13	2.30	C	Foreign Exchange Future	0.01733	0.01680			-3.05096	0.00000	0.00000	0
01/11/2019	TRY / R 2019/12/13	2.28	P	Foreign Exchange Future	0.15145	0.15087			-0.38251	0.00000	0.00000	0
01/11/2019	TRY / R 2019/12/13			Foreign Exchange Future	2.14970	2.14970			0.00000	0.00000	0.00000	0
01/11/2019	TRY / R 2019/12/13	2.30	P	Foreign Exchange Future	0.16763	0.16710			-0.31540	0.00000	0.00000	0
01/11/2019	TRY / R 2019/12/13	2.28	C	Foreign Exchange Future	0.02115	0.02057			-2.73927	0.00000	0.00000	0
01/11/2019	TRY / R 2019/12/13	2.29	P	Foreign Exchange Future	0.15946	0.15891			-0.34755	0.00000	0.00000	0
01/11/2019	TRY / R 2019/12/13	2.29	C	Foreign Exchange Future	0.01916	0.01861			-2.89239	0.00000	0.00000	0

**Future Open Interest**

**0**

**Option Open Interest**

**0**

**Total**

**0**