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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS HIGH/LOW

HIGH/LOW FROM: 07/11/2019 TO 07/11/2019

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
07/11/2019	\$ / R 2019/11/29	14.25	P	Any day expiry	0.05368	0.05059			-5.75568	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	13.00	C	Any day expiry	1.72712	1.72711			-0.00031	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29			Any day expiry	14.72710	14.72710			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	14.20	C	Any day expiry	0.57128	0.56849			-0.48721	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	14.25	C	Any day expiry	0.53078	0.52769			-0.58205	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	13.00	P	Any day expiry	0.00002	0.00001			-29.50820	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	14.20	P	Any day expiry	0.04418	0.04139			-6.30042	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	17.26	P	Any day expiry	2.53300	2.53298			-0.00106	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	17.26	C	Any day expiry	0.00010	0.00008			-26.24878	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	16.03	P	Any day expiry	1.30965	1.30879			-0.06617	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	16.03	C	Any day expiry	0.00675	0.00589			-12.83510	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	16.87	P	Any day expiry	2.14330	2.14321			-0.00413	0.00000	0.00000	0
07/11/2019	\$ / R 2019/11/29	16.87	C	Any day expiry	0.00040	0.00031			-22.00945	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/02	13.44	C	Any day expiry	1.29358	1.29341			-0.01329	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/02			Any day expiry	14.73250	14.73250			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/02	13.44	P	Any day expiry	0.00108	0.00091			-15.86672	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/04	14.84	P	Any day expiry	0.30846	0.30396			-1.45877	0.00000	0.00000	0
07/11/2019	\$ / 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
07/11/2019	\$ / R 2019/12/04	14.84	C	Any day expiry	0.20466	0.20016			-2.19865	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.85	P	Foreign Exchange Future	2.10140	2.10101			-0.01870	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.00	P	Foreign Exchange Future	0.00036	0.00031			-13.93308	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	17.38	C	Foreign Exchange Future	0.00117	0.00102			-12.48611	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.80	C	Foreign Exchange Future	0.97232	0.97117			-0.11827	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.41	P	Foreign Exchange Future	0.13774	0.13443			-2.40570	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	12.87	C	Foreign Exchange Future	1.88276	1.88274			-0.00137	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.94	C	Foreign Exchange Future	0.84572	0.84412			-0.18992	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.55	P	Foreign Exchange Future	1.80536	1.80470			-0.03680	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.37	C	Foreign Exchange Future	0.01198	0.01108			-7.47102	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.08	P	Foreign Exchange Future	0.05346	0.05133			-3.98077	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.12	P	Foreign Exchange Future	0.06085	0.05856			-3.75387	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.13	C	Foreign Exchange Future	0.02027	0.01898			-6.35808	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.03	P	Foreign Exchange Future	0.00043	0.00038			-13.54646	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	15.81	C	Foreign Exchange Future	0.03977	0.03780			-4.96074	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	15.80	P	Foreign Exchange Future	1.08800	1.08600			-0.18355	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.66	C	Foreign Exchange Future	1.10370	1.10293			-0.06990	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.66	P	Foreign Exchange Future	0.01110	0.01033			-6.95139	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	11.89	C	Foreign Exchange Future	2.86260	2.86260			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	11.89	P	Foreign Exchange Future	0.00000	0.00000			-100.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.25	P	Foreign Exchange Future	1.51307	1.51199			-0.07148	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.25	C	Foreign Exchange Future	0.01567	0.01459			-6.90258	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	17.02	P	Foreign Exchange Future	2.27010	2.26981			-0.01269	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	17.02	C	Foreign Exchange Future	0.00270	0.00241			-10.67537	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.00	C	Foreign Exchange Future	0.79331	0.79149			-0.22928	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.00	P	Foreign Exchange Future	0.04071	0.03889			-4.46776	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.94	P	Foreign Exchange Future	0.03312	0.03152			-4.84930	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.55	C	Foreign Exchange Future	0.00796	0.00730			-8.34275	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.11	C	Foreign Exchange Future	0.70153	0.69929			-0.32003	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.11	P	Foreign Exchange Future	0.05893	0.05669			-3.80953	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	15.82	C	Foreign Exchange Future	0.03895	0.03701			-5.00277	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	15.82	P	Foreign Exchange Future	1.10635	1.10441			-0.17615	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.85	C	Foreign Exchange Future	0.00400	0.00361			-9.82594	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.00	C	Foreign Exchange Future	1.75296	1.75291			-0.00290	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	17.38	P	Foreign Exchange Future	2.62857	2.62842			-0.00556	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	13.80	P	Foreign Exchange Future	0.01972	0.01857			-5.83220	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.41	C	Foreign Exchange Future	0.48034	0.47703			-0.68985	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.35	P	Foreign Exchange Future	1.60993	1.60900			-0.05739	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	12.87	P	Foreign Exchange Future	0.00016	0.00014			-15.59466	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.37	P	Foreign Exchange Future	1.62938	1.62848			-0.05491	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.08	C	Foreign Exchange Future	0.72606	0.72393			-0.29310	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.12	C	Foreign Exchange Future	0.69345	0.69116			-0.32938	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.13	P	Foreign Exchange Future	1.39767	1.39638			-0.09220	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.99	P	Foreign Exchange Future	2.24029	2.23999			-0.01359	0.00000	0.00000	0

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07/11/2019	\$ / R 2019/12/13	13.03	C	Foreign Exchange Future	1.72303	1.72298			-0.00342	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	15.81	P	Foreign Exchange Future	1.09717	1.09520			-0.17982	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	15.80	C	Foreign Exchange Future	0.04060	0.03860			-4.91856	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	20.00	P	Foreign Exchange Future	5.24740	5.24740			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	20.00	C	Foreign Exchange Future	0.00000	0.00000			-20.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.07	C	Foreign Exchange Future	0.73432	0.73223			-0.28451	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.07	P	Foreign Exchange Future	0.05172	0.04963			-4.03932	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.20	P	Foreign Exchange Future	1.46485	1.46368			-0.07950	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.20	C	Foreign Exchange Future	0.01745	0.01628			-6.67442	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.35	C	Foreign Exchange Future	0.01253	0.01160			-7.37607	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.10	C	Foreign Exchange Future	0.70967	0.70746			-0.31086	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	14.10	P	Foreign Exchange Future	0.05707	0.05486			-3.86590	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/13	16.99	C	Foreign Exchange Future	0.00289	0.00259			-10.52559	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	17.44	P	Any day expiry	2.66032	2.65994			-0.01401	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	16.21	P	Any day expiry	1.46824	1.46670			-0.10521	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31			Any day expiry	14.78540	14.78540			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	14.20	P	Any day expiry	0.11453	0.11222			-2.01771	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	17.44	C	Any day expiry	0.00572	0.00534			-6.51961	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	16.21	C	Any day expiry	0.04364	0.04210			-3.53925	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	17.05	C	Any day expiry	0.01092	0.01032			-5.54864	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	14.20	C	Any day expiry	0.69993	0.69762			-0.33016	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	14.25	C	Any day expiry	0.66406	0.66162			-0.36638	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	14.25	P	Any day expiry	0.12866	0.12622			-1.89107	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	17.05	P	Any day expiry	2.27552	2.27492			-0.02664	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	13.00	P	Any day expiry	0.00196	0.00182			-7.35668	0.00000	0.00000	0
07/11/2019	\$ / R 2019/12/31	13.00	C	Any day expiry	1.78736	1.78722			-0.00808	0.00000	0.00000	0
07/11/2019	\$ / R 2020/01/02			Any day expiry	14.78910	14.78910			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/01/02	13.49	P	Any day expiry	0.01551	0.01483			-4.36123	0.00000	0.00000	0
07/11/2019	\$ / R 2020/01/02	13.49	C	Any day expiry	1.31461	1.31393			-0.05145	0.00000	0.00000	0
07/11/2019	\$ / R 2020/01/31	13.54	P	Any day expiry	0.04047	0.03956			-2.25755	0.00000	0.00000	0
07/11/2019	\$ / R 2020/01/31			Any day expiry	14.84240	14.84240			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/01/31	13.54	C	Any day expiry	1.34287	1.34196			-0.06804	0.00000	0.00000	0
07/11/2019	\$ / R 2020/02/28			Any day expiry	14.89510	14.89510			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/02/28	14.78	P	Any day expiry	0.45630	0.45406			-0.49073	0.00000	0.00000	0
07/11/2019	\$ / R 2020/02/28	14.78	C	Any day expiry	0.57140	0.56916			-0.39188	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/02			Any day expiry	14.90060	14.90060			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/02	13.59	P	Any day expiry	0.07199	0.07097			-1.40821	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/02	13.59	C	Any day expiry	1.38258	1.38157			-0.07332	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	14.01	P	Foreign Exchange Future	0.17190	0.17043			-0.85693	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	17.73	C	Foreign Exchange Future	0.05641	0.05547			-1.66802	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	14.40	C	Foreign Exchange Future	0.82807	0.82622			-0.22295	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	16.60	P	Foreign Exchange Future	1.81707	1.81550			-0.08647	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	14.51	P	Foreign Exchange Future	0.34866	0.34673			-0.55406	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	16.81	C	Foreign Exchange Future	0.11994	0.11850			-1.20268	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	13.19	P	Foreign Exchange Future	0.03483	0.03425			-1.67002	0.00000	0.00000	0

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07/11/2019	\$ / R 2020/03/16	15.61	C	Foreign Exchange Future	0.32281	0.32072			-0.64562	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	15.63	C	Foreign Exchange Future	0.31755	0.31548			-0.65409	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	11.91	C	Foreign Exchange Future	3.01626	3.01624			-0.00052	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	11.91	P	Foreign Exchange Future	0.00036	0.00034			-4.39255	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	13.06	C	Foreign Exchange Future	1.89079	1.89032			-0.02441	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	13.06	P	Foreign Exchange Future	0.02489	0.02442			-1.85445	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	14.51	C	Foreign Exchange Future	0.76456	0.76263			-0.25267	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	15.61	P	Foreign Exchange Future	1.00691	1.00482			-0.20698	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	14.01	C	Foreign Exchange Future	1.08780	1.08633			-0.13542	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	17.73	P	Foreign Exchange Future	2.86051	2.85957			-0.03289	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	14.40	P	Foreign Exchange Future	0.30217	0.30032			-0.61098	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	16.60	C	Foreign Exchange Future	0.14297	0.14140			-1.09895	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	16.81	P	Foreign Exchange Future	2.00404	2.00260			-0.07198	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	13.19	C	Foreign Exchange Future	1.77073	1.77015			-0.03285	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	15.63	P	Foreign Exchange Future	1.02165	1.01958			-0.20331	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	12.96	C	Foreign Exchange Future	1.98478	1.98440			-0.01911	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	12.96	P	Foreign Exchange Future	0.01888	0.01850			-2.00841	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	13.78	C	Foreign Exchange Future	1.26394	1.26272			-0.09682	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	13.78	P	Foreign Exchange Future	0.11804	0.11682			-1.03674	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	17.88	P	Foreign Exchange Future	3.00415	3.00328			-0.02906	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	17.88	C	Foreign Exchange Future	0.05005	0.04918			-1.74412	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	14.66	C	Foreign Exchange Future	0.68416	0.68214			-0.29632	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	14.66	P	Foreign Exchange Future	0.41826	0.41624			-0.48469	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	17.04	P	Foreign Exchange Future	2.21315	2.21185			-0.05898	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	17.04	C	Foreign Exchange Future	0.09905	0.09775			-1.31778	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	15.62	C	Foreign Exchange Future	0.32017	0.31809			-0.64987	0.00000	0.00000	0
07/11/2019	\$ / R 2020/03/16	15.62	P	Foreign Exchange Future	1.01427	1.01219			-0.20514	0.00000	0.00000	0
07/11/2019	\$ / R 2020/04/02	13.64	C	Any day expiry	1.42366	1.42260			-0.07401	0.00000	0.00000	0
07/11/2019	\$ / R 2020/04/02			Any day expiry	14.95720	14.95720			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/04/02	13.64	P	Any day expiry	0.10646	0.10540			-0.98978	0.00000	0.00000	0
07/11/2019	\$ / R 2020/04/29			Any day expiry	15.00870	15.00870			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/04/29	13.69	P	Any day expiry	0.13798	0.13691			-0.77207	0.00000	0.00000	0
07/11/2019	\$ / R 2020/04/29	13.69	C	Any day expiry	1.45668	1.45561			-0.07313	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/02	13.74	P	Any day expiry	0.17590	0.17484			-0.60096	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/02			Any day expiry	15.07600	15.07600			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/02	13.74	C	Any day expiry	1.51190	1.51084			-0.06992	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	11.90	C	Foreign Exchange Future	3.20170	3.20160			-0.00315	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	14.25	C	Foreign Exchange Future	1.18218	1.18082			-0.11542	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	15.17	P	Foreign Exchange Future	0.78948	0.78776			-0.21721	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12			Foreign Exchange Future	15.09580	15.09580			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	14.25	P	Foreign Exchange Future	0.33638	0.33502			-0.40564	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	17.26	P	Foreign Exchange Future	2.38359	2.38222			-0.05730	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	17.26	C	Foreign Exchange Future	0.21939	0.21802			-0.62255	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	15.17	C	Foreign Exchange Future	0.71528	0.71356			-0.23974	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
07/11/2019	\$ / R 2020/06/12	11.90	P	Foreign Exchange Future	0.00590	0.00580			-1.70892	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	15.18	C	Foreign Exchange Future	0.71124	0.70952			-0.24131	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	15.16	P	Foreign Exchange Future	0.78353	0.78182			-0.21866	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	15.18	P	Foreign Exchange Future	0.79544	0.79372			-0.21577	0.00000	0.00000	0
07/11/2019	\$ / R 2020/06/12	15.16	C	Foreign Exchange Future	0.71933	0.71762			-0.23818	0.00000	0.00000	0
07/11/2019	\$ / R 2020/07/28			Any day expiry	15.18680	15.18680			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/07/28	15.37	P	Any day expiry	0.94456	0.94297			-0.16901	0.00000	0.00000	0
07/11/2019	\$ / R 2020/07/28	15.37	C	Any day expiry	0.76136	0.75977			-0.20968	0.00000	0.00000	0
07/11/2019	\$ / R 2020/09/14	15.35	P	Foreign Exchange Future	0.96169	0.96021			-0.15366	0.00000	0.00000	0
07/11/2019	\$ / R 2020/09/14	15.34	C	Foreign Exchange Future	0.89608	0.89460			-0.16476	0.00000	0.00000	0
07/11/2019	\$ / R 2020/09/14			Foreign Exchange Future	15.28040	15.28040			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R 2020/09/14	15.35	C	Foreign Exchange Future	0.89209	0.89061			-0.16564	0.00000	0.00000	0
07/11/2019	\$ / R 2020/09/14	15.34	P	Foreign Exchange Future	0.95568	0.95420			-0.15449	0.00000	0.00000	0
07/11/2019	\$ / R 2020/09/14	15.36	C	Foreign Exchange Future	0.88812	0.88664			-0.16652	0.00000	0.00000	0
07/11/2019	\$ / R 2020/09/14	15.36	P	Foreign Exchange Future	0.96772	0.96624			-0.15282	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2019/12/13	14.02	P	Foreign Exchange Future	0.04365	0.04176			-4.34191	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2019/12/13	14.01	C	Foreign Exchange Future	0.78476	0.78290			-0.23664	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2019/12/13	14.02	C	Foreign Exchange Future	0.77625	0.77436			-0.24418	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2019/12/13	14.01	P	Foreign Exchange Future	0.04216	0.04030			-4.40462	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2019/12/13	14.03	C	Foreign Exchange Future	0.76779	0.76585			-0.25189	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2019/12/13	14.03	P	Foreign Exchange Future	0.04519	0.04325			-4.27995	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2020/03/16	14.68	C	Foreign Exchange Future	0.67398	0.67194			-0.30240	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2020/03/16	14.69	P	Foreign Exchange Future	0.43303	0.43099			-0.47188	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2020/03/16	14.68	P	Foreign Exchange Future	0.42808	0.42604			-0.47611	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2020/03/16	14.69	C	Foreign Exchange Future	0.66893	0.66689			-0.30547	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2020/03/16	14.67	C	Foreign Exchange Future	0.67905	0.67702			-0.29935	0.00000	0.00000	0
07/11/2019	\$ / R MAXI 2020/03/16	14.67	P	Foreign Exchange Future	0.42315	0.42112			-0.48038	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	19.96	C	Foreign Exchange Future	0.12528	0.12143			-3.07288	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	19.95	P	Foreign Exchange Future	0.80629	0.80241			-0.48072	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13			Foreign Exchange Future	19.27110	19.27110			0.00000	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	19.97	C	Foreign Exchange Future	0.12321	0.11938			-3.10332	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	19.97	P	Foreign Exchange Future	0.82211	0.81828			-0.46509	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	19.96	P	Foreign Exchange Future	0.81418	0.81033			-0.47284	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	19.95	C	Foreign Exchange Future	0.12739	0.12351			-3.04266	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	18.75	C	Foreign Exchange Future	0.66520	0.66132			-0.58373	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	18.75	P	Foreign Exchange Future	0.14410	0.14022			-2.69461	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	22.13	P	Foreign Exchange Future	2.86053	2.86034			-0.00687	0.00000	0.00000	0
07/11/2019	£ / R 2019/12/13	22.13	C	Foreign Exchange Future	0.00163	0.00144			-12.02865	0.00000	0.00000	0
07/11/2019	£ / R 2020/03/16	20.31	C	Foreign Exchange Future	0.41736	0.41480			-0.61290	0.00000	0.00000	0
07/11/2019	£ / R 2020/03/16	19.00	P	Foreign Exchange Future	0.42136	0.41895			-0.57298	0.00000	0.00000	0
07/11/2019	£ / R 2020/03/16			Foreign Exchange Future	19.57520	19.57520			0.00000	0.00000	0.00000	0
07/11/2019	£ / R 2020/03/16	20.29	C	Foreign Exchange Future	0.42338	0.42081			-0.60592	0.00000	0.00000	0
07/11/2019	£ / R 2020/03/16	20.29	P	Foreign Exchange Future	1.13818	1.13561			-0.22539	0.00000	0.00000	0

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07/11/2019	£ / R 2020/03/16	20.31	P	Foreign Exchange Future	1.15216	1.14960			-0.22202	0.00000	0.00000	0
07/11/2019	£ / R 2020/03/16	19.00	C	Foreign Exchange Future	0.99656	0.99415			-0.24226	0.00000	0.00000	0
07/11/2019	£ / R 2020/03/16	20.30	C	Foreign Exchange Future	0.42036	0.41780			-0.60941	0.00000	0.00000	0
07/11/2019	£ / R 2020/03/16	20.30	P	Foreign Exchange Future	1.14516	1.14260			-0.22370	0.00000	0.00000	0
07/11/2019	£ / R 2020/06/12	20.01	P	Foreign Exchange Future	1.02041	1.01826			-0.21104	0.00000	0.00000	0
07/11/2019	£ / R 2020/06/12			Foreign Exchange Future	19.86290	19.86290			0.00000	0.00000	0.00000	0
07/11/2019	£ / R 2020/06/12	20.00	C	Foreign Exchange Future	0.87751	0.87536			-0.24532	0.00000	0.00000	0
07/11/2019	£ / R 2020/06/12	20.00	P	Foreign Exchange Future	1.01461	1.01246			-0.21217	0.00000	0.00000	0
07/11/2019	£ / R 2020/06/12	20.01	C	Foreign Exchange Future	0.87331	0.87116			-0.24659	0.00000	0.00000	0
07/11/2019	£ / R 2020/06/12	19.99	C	Foreign Exchange Future	0.88173	0.87958			-0.24405	0.00000	0.00000	0
07/11/2019	£ / R 2020/06/12	19.99	P	Foreign Exchange Future	1.00883	1.00668			-0.21331	0.00000	0.00000	0
07/11/2019	£ / R 2020/09/14	20.30	C	Foreign Exchange Future	1.11888	1.11700			-0.16851	0.00000	0.00000	0
07/11/2019	£ / R 2020/09/14	20.29	P	Foreign Exchange Future	1.24268	1.24079			-0.15166	0.00000	0.00000	0
07/11/2019	£ / R 2020/09/14			Foreign Exchange Future	20.17040	20.17040			0.00000	0.00000	0.00000	0
07/11/2019	£ / R 2020/09/14	20.31	C	Foreign Exchange Future	1.11469	1.11280			-0.16920	0.00000	0.00000	0
07/11/2019	£ / R 2020/09/14	20.31	P	Foreign Exchange Future	1.25429	1.25240			-0.15037	0.00000	0.00000	0
07/11/2019	£ / R 2020/09/14	20.30	P	Foreign Exchange Future	1.24848	1.24660			-0.15102	0.00000	0.00000	0
07/11/2019	£ / R 2020/09/14	20.29	C	Foreign Exchange Future	1.12308	1.12119			-0.16781	0.00000	0.00000	0
07/11/2019	¥ / R 2019/12/13	0.13	P	Foreign Exchange Future	0.00103	0.00100			-2.87927	0.00000	0.00000	0
07/11/2019	¥ / R 2019/12/13	0.12	C	Foreign Exchange Future	0.01461	0.01461			-0.00815	0.00000	0.00000	0
07/11/2019	¥ / R 2019/12/13			Foreign Exchange Future	0.13460	0.13460			0.00000	0.00000	0.00000	0
07/11/2019	¥ / R 2019/12/13	0.13	C	Foreign Exchange Future	0.00563	0.00560			-0.52608	0.00000	0.00000	0
07/11/2019	¥ / R 2019/12/13	0.12	P	Foreign Exchange Future	0.00001	0.00001			-11.65704	0.00000	0.00000	0
07/11/2019	¥ / R 2019/12/13	0.14	C	Foreign Exchange Future	0.00113	0.00110			-2.93849	0.00000	0.00000	0
07/11/2019	¥ / R 2019/12/13	0.14	P	Foreign Exchange Future	0.00653	0.00650			-0.50897	0.00000	0.00000	0
07/11/2019	¥ / R 2020/03/16	0.15	P	Foreign Exchange Future	0.01479	0.01478			-0.12254	0.00000	0.00000	0
07/11/2019	¥ / R 2020/03/16			Foreign Exchange Future	0.13720	0.13720			0.00000	0.00000	0.00000	0
07/11/2019	¥ / R 2020/03/16	0.14	C	Foreign Exchange Future	0.00460	0.00457			-0.48086	0.00000	0.00000	0
07/11/2019	¥ / R 2020/03/16	0.14	P	Foreign Exchange Future	0.00740	0.00737			-0.29883	0.00000	0.00000	0
07/11/2019	¥ / R 2020/03/16	0.15	C	Foreign Exchange Future	0.00199	0.00198			-0.90888	0.00000	0.00000	0
07/11/2019	¥ / R 2020/03/16	0.13	C	Foreign Exchange Future	0.00956	0.00954			-0.17756	0.00000	0.00000	0
07/11/2019	¥ / R 2020/03/16	0.13	P	Foreign Exchange Future	0.00236	0.00234			-0.71955	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	18.03	P	Foreign Exchange Future	1.29322	1.29145			-0.13714	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	13.73	C	Foreign Exchange Future	3.03890	3.03890			-0.00001	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	16.15	C	Foreign Exchange Future	0.69545	0.69280			-0.38201	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	14.09	P	Foreign Exchange Future	0.00001	0.00001			-21.79487	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	15.70	P	Foreign Exchange Future	0.01751	0.01643			-6.19079	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	19.80	P	Foreign Exchange Future	3.03180	3.03171			-0.00318	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13			Foreign Exchange Future	16.76890	16.76890			0.00000	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	18.02	C	Foreign Exchange Future	0.03277	0.03097			-5.48033	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	18.02	P	Foreign Exchange Future	1.28387	1.28207			-0.13987	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	20.62	P	Foreign Exchange Future	3.85121	3.85119			-0.00049	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	20.62	C	Foreign Exchange Future	0.00011	0.00009			-17.68579	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	14.09	C	Foreign Exchange Future	2.67891	2.67891			-0.00006	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	18.03	C	Foreign Exchange Future	0.03212	0.03035			-5.52146	0.00000	0.00000	0

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07/11/2019	€ / R 2019/12/13	13.73	P	Foreign Exchange Future	0.00000	0.00000			-30.00000	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	16.15	P	Foreign Exchange Future	0.07655	0.07390			-3.47041	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	15.70	C	Foreign Exchange Future	1.08641	1.08533			-0.09980	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	19.79	P	Foreign Exchange Future	3.02182	3.02172			-0.00325	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	15.85	P	Foreign Exchange Future	0.02984	0.02830			-5.16848	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	19.80	C	Foreign Exchange Future	0.00070	0.00061			-13.71014	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	18.01	C	Foreign Exchange Future	0.03343	0.03161			-5.43924	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	18.01	P	Foreign Exchange Future	1.27453	1.27271			-0.14265	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	19.79	C	Foreign Exchange Future	0.00072	0.00062			-13.66105	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	14.23	C	Foreign Exchange Future	2.53892	2.53891			-0.00013	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	14.23	P	Foreign Exchange Future	0.00002	0.00001			-20.35928	0.00000	0.00000	0
07/11/2019	€ / R 2019/12/13	15.85	C	Foreign Exchange Future	0.94874	0.94720			-0.16256	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10	16.65	C	Any day expiry	0.67040	0.66794			-0.36761	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10	17.00	P	Any day expiry	0.52049	0.51783			-0.51046	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10			Any day expiry	16.97740	16.97740			0.00000	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10	17.07	P	Any day expiry	0.56075	0.55808			-0.47638	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10	17.07	C	Any day expiry	0.46815	0.46548			-0.57060	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10	16.65	P	Any day expiry	0.34300	0.34054			-0.71851	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10	16.91	P	Any day expiry	0.47102	0.46840			-0.55772	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10	17.00	C	Any day expiry	0.49789	0.49523			-0.53363	0.00000	0.00000	0
07/11/2019	€ / R 2020/02/10	16.91	C	Any day expiry	0.53842	0.53580			-0.48791	0.00000	0.00000	0
07/11/2019	€ / R 2020/03/16	18.46	C	Foreign Exchange Future	0.21420	0.21226			-0.90686	0.00000	0.00000	0
07/11/2019	€ / R 2020/03/16	18.45	P	Foreign Exchange Future	1.56956	1.56761			-0.12412	0.00000	0.00000	0
07/11/2019	€ / R 2020/03/16			Foreign Exchange Future	17.09630	17.09630			0.00000	0.00000	0.00000	0
07/11/2019	€ / R 2020/03/16	18.47	C	Foreign Exchange Future	0.21256	0.21062			-0.91118	0.00000	0.00000	0
07/11/2019	€ / R 2020/03/16	18.47	P	Foreign Exchange Future	1.58626	1.58432			-0.12210	0.00000	0.00000	0
07/11/2019	€ / R 2020/03/16	18.46	P	Foreign Exchange Future	1.57790	1.57596			-0.12311	0.00000	0.00000	0
07/11/2019	€ / R 2020/03/16	18.45	C	Foreign Exchange Future	0.21586	0.21391			-0.90249	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13	11.00	P	Foreign Exchange Future	0.56485	0.56381			-0.18400	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13	10.91	P	Foreign Exchange Future	0.48423	0.48295			-0.26395	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13			Foreign Exchange Future	10.45630	10.45630			0.00000	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13	10.90	C	Foreign Exchange Future	0.03177	0.03047			-4.10940	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13	10.90	P	Foreign Exchange Future	0.47547	0.47417			-0.27459	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13	11.00	C	Foreign Exchange Future	0.02115	0.02011			-4.91474	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13	10.91	C	Foreign Exchange Future	0.03053	0.02925			-4.18694	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13	10.89	C	Foreign Exchange Future	0.03306	0.03173			-4.03189	0.00000	0.00000	0
07/11/2019	AU\$ / R 2019/12/13	10.89	P	Foreign Exchange Future	0.46676	0.46543			-0.28558	0.00000	0.00000	0
07/11/2019	AU\$ / R 2020/03/16	11.05	P	Foreign Exchange Future	0.59516	0.59410			-0.17869	0.00000	0.00000	0
07/11/2019	AU\$ / R 2020/03/16	11.06	C	Foreign Exchange Future	0.14596	0.14490			-0.72533	0.00000	0.00000	0
07/11/2019	AU\$ / R 2020/03/16			Foreign Exchange Future	10.60320	10.60320			0.00000	0.00000	0.00000	0
07/11/2019	AU\$ / R 2020/03/16	11.07	C	Foreign Exchange Future	0.14359	0.14254			-0.73388	0.00000	0.00000	0
07/11/2019	AU\$ / R 2020/03/16	11.07	P	Foreign Exchange Future	0.61039	0.60934			-0.17264	0.00000	0.00000	0
07/11/2019	AU\$ / R 2020/03/16	11.05	C	Foreign Exchange Future	0.14836	0.14730			-0.71683	0.00000	0.00000	0
07/11/2019	AU\$ / R 2020/03/16	11.06	P	Foreign Exchange Future	0.60276	0.60170			-0.17564	0.00000	0.00000	0
07/11/2019	CAD/ R 2019/12/13	11.54	C	Foreign Exchange Future	0.03719	0.03565			-4.13387	0.00000	0.00000	0

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07/11/2019	CAD/ R 2019/12/13	11.55	P	Foreign Exchange Future	0.57566	0.57415			-0.26231	0.00000	0.00000	0
07/11/2019	CAD/ R 2019/12/13	11.53	P	Foreign Exchange Future	0.55816	0.55660			-0.28033	0.00000	0.00000	0
07/11/2019	CAD/ R 2019/12/13			Foreign Exchange Future	11.01030	11.01030			0.00000	0.00000	0.00000	0
07/11/2019	CAD/ R 2019/12/13	11.54	P	Foreign Exchange Future	0.56689	0.56535			-0.27120	0.00000	0.00000	0
07/11/2019	CAD/ R 2019/12/13	11.55	C	Foreign Exchange Future	0.03596	0.03445			-4.19954	0.00000	0.00000	0
07/11/2019	CAD/ R 2019/12/13	11.53	C	Foreign Exchange Future	0.03846	0.03690			-4.06827	0.00000	0.00000	0
07/11/2019	CAD/ R 2020/03/16	11.70	C	Foreign Exchange Future	0.17028	0.16904			-0.72809	0.00000	0.00000	0
07/11/2019	CAD/ R 2020/03/16			Foreign Exchange Future	11.16030	11.16030			0.00000	0.00000	0.00000	0
07/11/2019	CAD/ R 2020/03/16	11.68	C	Foreign Exchange Future	0.17508	0.17383			-0.71369	0.00000	0.00000	0
07/11/2019	CAD/ R 2020/03/16	11.68	P	Foreign Exchange Future	0.69478	0.69353			-0.17984	0.00000	0.00000	0
07/11/2019	CAD/ R 2020/03/16	11.70	P	Foreign Exchange Future	0.70998	0.70874			-0.17462	0.00000	0.00000	0
07/11/2019	CAD/ R 2020/03/16	11.69	C	Foreign Exchange Future	0.17266	0.17142			-0.72083	0.00000	0.00000	0
07/11/2019	CAD/ R 2020/03/16	11.69	P	Foreign Exchange Future	0.70236	0.70112			-0.17720	0.00000	0.00000	0
07/11/2019	CHF / R 2019/12/13	15.96	P	Foreign Exchange Future	1.21432	1.21277			-0.12796	0.00000	0.00000	0
07/11/2019	CHF / R 2019/12/13	15.95	C	Foreign Exchange Future	0.02803	0.02646			-5.62080	0.00000	0.00000	0
07/11/2019	CHF / R 2019/12/13			Foreign Exchange Future	14.77310	14.77310			0.00000	0.00000	0.00000	0
07/11/2019	CHF / R 2019/12/13	15.96	C	Foreign Exchange Future	0.02742	0.02587			-5.66565	0.00000	0.00000	0
07/11/2019	CHF / R 2019/12/13	15.95	P	Foreign Exchange Future	1.20493	1.20336			-0.13076	0.00000	0.00000	0
07/11/2019	CHF / R 2019/12/13	15.97	C	Foreign Exchange Future	0.02683	0.02530			-5.71122	0.00000	0.00000	0
07/11/2019	CHF / R 2019/12/13	15.97	P	Foreign Exchange Future	1.22373	1.22220			-0.12522	0.00000	0.00000	0
07/11/2019	CHF / R 2020/03/16	16.64	P	Foreign Exchange Future	1.71944	1.71781			-0.09532	0.00000	0.00000	0
07/11/2019	CHF / R 2020/03/16			Foreign Exchange Future	15.07740	15.07740			0.00000	0.00000	0.00000	0
07/11/2019	CHF / R 2020/03/16	16.63	C	Foreign Exchange Future	0.15819	0.15655			-1.04007	0.00000	0.00000	0
07/11/2019	CHF / R 2020/03/16	16.63	P	Foreign Exchange Future	1.71079	1.70915			-0.09617	0.00000	0.00000	0
07/11/2019	CHF / R 2020/03/16	16.64	C	Foreign Exchange Future	0.15684	0.15521			-1.04492	0.00000	0.00000	0
07/11/2019	CHF / R 2020/03/16	16.62	C	Foreign Exchange Future	0.15955	0.15790			-1.03516	0.00000	0.00000	0
07/11/2019	CHF / R 2020/03/16	16.62	P	Foreign Exchange Future	1.70215	1.70050			-0.09703	0.00000	0.00000	0
07/11/2019	CNH / R 2019/12/13	2.11	P	Foreign Exchange Future	0.00579	0.00553			-4.44025	0.00000	0.00000	0
07/11/2019	CNH / R 2019/12/13	2.10	C	Foreign Exchange Future	0.11922	0.11900			-0.18569	0.00000	0.00000	0
07/11/2019	CNH / R 2019/12/13			Foreign Exchange Future	2.21470	2.21470			0.00000	0.00000	0.00000	0
07/11/2019	CNH / R 2019/12/13	2.11	C	Foreign Exchange Future	0.11049	0.11023			-0.23249	0.00000	0.00000	0
07/11/2019	CNH / R 2019/12/13	2.10	P	Foreign Exchange Future	0.00452	0.00430			-4.89541	0.00000	0.00000	0
07/11/2019	CNH / R 2019/12/13	2.12	C	Foreign Exchange Future	0.10201	0.10171			-0.28771	0.00000	0.00000	0
07/11/2019	CNH / R 2019/12/13	2.12	P	Foreign Exchange Future	0.00731	0.00701			-4.01743	0.00000	0.00000	0
07/11/2019	DKK / R 2019/12/13	2.54	P	Foreign Exchange Future	0.29072	0.29069			-0.00870	0.00000	0.00000	0
07/11/2019	DKK / R 2019/12/13			Foreign Exchange Future	2.24950	2.24950			0.00000	0.00000	0.00000	0
07/11/2019	DKK / R 2019/12/13	2.54	C	Foreign Exchange Future	0.00022	0.00019			-11.50765	0.00000	0.00000	0
07/11/2019	DKK / R 2019/12/13	2.55	C	Foreign Exchange Future	0.00017	0.00015			-12.00161	0.00000	0.00000	0
07/11/2019	DKK / R 2019/12/13	2.53	P	Foreign Exchange Future	0.28078	0.28075			-0.01085	0.00000	0.00000	0
07/11/2019	DKK / R 2019/12/13	2.55	P	Foreign Exchange Future	0.30067	0.30065			-0.00695	0.00000	0.00000	0
07/11/2019	DKK / R 2019/12/13	2.53	C	Foreign Exchange Future	0.00028	0.00025			-11.02149	0.00000	0.00000	0
07/11/2019	DKK / R 2020/03/16	2.61	C	Foreign Exchange Future	0.00881	0.00868			-1.52665	0.00000	0.00000	0
07/11/2019	DKK / R 2020/03/16	2.60	P	Foreign Exchange Future	0.31448	0.31434			-0.04471	0.00000	0.00000	0
07/11/2019	DKK / R 2020/03/16			Foreign Exchange Future	2.29500	2.29500			0.00000	0.00000	0.00000	0
07/11/2019	DKK / R 2020/03/16	2.62	C	Foreign Exchange Future	0.00819	0.00806			-1.57105	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
07/11/2019	DKK / R 2020/03/16	2.62	P	Foreign Exchange Future	0.33319	0.33306			-0.03860	0.00000	0.00000	0
07/11/2019	DKK / R 2020/03/16	2.61	P	Foreign Exchange Future	0.32381	0.32368			-0.04155	0.00000	0.00000	0
07/11/2019	DKK / R 2020/03/16	2.60	C	Foreign Exchange Future	0.00948	0.00934			-1.48250	0.00000	0.00000	0
07/11/2019	HK\$/R 2019/12/13	1.84	C	Foreign Exchange Future	0.06425	0.06384			-0.63814	0.00000	0.00000	0
07/11/2019	HK\$/R 2019/12/13	1.83	P	Foreign Exchange Future	0.01314	0.01276			-2.86885	0.00000	0.00000	0
07/11/2019	HK\$/R 2019/12/13			Foreign Exchange Future	1.88810	1.88810			0.00000	0.00000	0.00000	0
07/11/2019	HK\$/R 2019/12/13	1.85	C	Foreign Exchange Future	0.05768	0.05724			-0.76091	0.00000	0.00000	0
07/11/2019	HK\$/R 2019/12/13	1.85	P	Foreign Exchange Future	0.01958	0.01914			-2.24133	0.00000	0.00000	0
07/11/2019	HK\$/R 2019/12/13	1.84	P	Foreign Exchange Future	0.01615	0.01574			-2.53905	0.00000	0.00000	0
07/11/2019	HK\$/R 2019/12/13	1.83	C	Foreign Exchange Future	0.07124	0.07086			-0.52919	0.00000	0.00000	0
07/11/2019	KES / R 2019/12/13			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
07/11/2019	KES / R 2020/03/16			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
07/11/2019	NOK/R 2019/12/13			Foreign Exchange Future	1.71570	1.71570			0.00000	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2019/12/13	10.35	P	Foreign Exchange Future	0.49936	0.49804			-0.26498	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2019/12/13			Foreign Exchange Future	9.88230	9.88230			0.00000	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2019/12/13	10.35	C	Foreign Exchange Future	0.03166	0.03034			-4.17950	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2019/12/13	10.34	P	Foreign Exchange Future	0.49061	0.48926			-0.27531	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2019/12/13	10.36	C	Foreign Exchange Future	0.03045	0.02915			-4.25568	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2019/12/13	10.36	P	Foreign Exchange Future	0.50815	0.50685			-0.25499	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2019/12/13	10.34	C	Foreign Exchange Future	0.03291	0.03156			-4.10369	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2020/03/16	10.52	C	Foreign Exchange Future	0.14092	0.13986			-0.75665	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2020/03/16	10.53	P	Foreign Exchange Future	0.65462	0.65356			-0.16213	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2020/03/16			Foreign Exchange Future	10.01410	10.01410			0.00000	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2020/03/16	10.52	P	Foreign Exchange Future	0.64682	0.64576			-0.16485	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2020/03/16	10.53	C	Foreign Exchange Future	0.13872	0.13766			-0.76508	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2020/03/16	10.51	C	Foreign Exchange Future	0.14316	0.14209			-0.74831	0.00000	0.00000	0
07/11/2019	NZ\$ / R 2020/03/16	10.51	P	Foreign Exchange Future	0.63906	0.63799			-0.16764	0.00000	0.00000	0
07/11/2019	PULA / R 2019/12/13	1.35	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
07/11/2019	PULA / R 2019/12/13			Foreign Exchange Future	1.35080	1.35080			0.00000	0.00000	0.00000	0
07/11/2019	PULA / R 2019/12/13	1.34	C	Foreign Exchange Future	0.01080	0.01080			0.00000	0.00000	0.00000	0
07/11/2019	PULA / R 2019/12/13	1.34	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
07/11/2019	PULA / R 2019/12/13	1.35	C	Foreign Exchange Future	0.00080	0.00080			0.00000	0.00000	0.00000	0
07/11/2019	PULA / R 2019/12/13	1.33	C	Foreign Exchange Future	0.02080	0.02080			0.00000	0.00000	0.00000	0
07/11/2019	PULA / R 2019/12/13	1.33	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
07/11/2019	QUANTO £ / \$ 2019/12/13			Foreign Exchange Future	1.30630	1.30630			0.00000	0.00000	0.00000	0
07/11/2019	QUANTO £ / \$ 2020/03/16			Foreign Exchange Future	1.31150	1.31150			0.00000	0.00000	0.00000	0
07/11/2019	QUANTO € / \$ 2019/12/13			Foreign Exchange Future	1.13670	1.13670			0.00000	0.00000	0.00000	0
07/11/2019	QUANTO € / \$ 2020/03/16			Foreign Exchange Future	1.14540	1.14540			0.00000	0.00000	0.00000	0
07/11/2019	SGD / R 2019/12/13	10.67	P	Foreign Exchange Future	0.08735	0.08526			-2.39413	0.00000	0.00000	0
07/11/2019	SGD / R 2019/12/13	10.66	C	Foreign Exchange Future	0.30774	0.30568			-0.67034	0.00000	0.00000	0
07/11/2019	SGD / R 2019/12/13			Foreign Exchange Future	10.88370	10.88370			0.00000	0.00000	0.00000	0
07/11/2019	SGD / R 2019/12/13	10.67	C	Foreign Exchange Future	0.30105	0.29896			-0.69464	0.00000	0.00000	0
07/11/2019	SGD / R 2019/12/13	10.66	P	Foreign Exchange Future	0.08404	0.08198			-2.45462	0.00000	0.00000	0
07/11/2019	SGD / R 2019/12/13	10.68	C	Foreign Exchange Future	0.29444	0.29232			-0.71951	0.00000	0.00000	0
07/11/2019	SGD / R 2019/12/13	10.68	P	Foreign Exchange Future	0.09074	0.08862			-2.33476	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
07/11/2019	TRY / R 2019/12/13	2.30	C	Foreign Exchange Future	0.01414	0.01361			-3.77854	0.00000	0.00000	0
07/11/2019	TRY / R 2019/12/13	2.28	P	Foreign Exchange Future	0.14793	0.14734			-0.40201	0.00000	0.00000	0
07/11/2019	TRY / R 2019/12/13			Foreign Exchange Future	2.14970	2.14970			0.00000	0.00000	0.00000	0
07/11/2019	TRY / R 2019/12/13	2.30	P	Foreign Exchange Future	0.16444	0.16391			-0.32492	0.00000	0.00000	0
07/11/2019	TRY / R 2019/12/13	2.28	C	Foreign Exchange Future	0.01763	0.01704			-3.37267	0.00000	0.00000	0
07/11/2019	TRY / R 2019/12/13	2.29	P	Foreign Exchange Future	0.15611	0.15554			-0.36174	0.00000	0.00000	0
07/11/2019	TRY / R 2019/12/13	2.29	C	Foreign Exchange Future	0.01581	0.01524			-3.57240	0.00000	0.00000	0

**Future Open Interest**

**0**

**Option Open Interest**

**0**

**Total**

**0**