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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS HIGH/LOW

HIGH/LOW FROM: 08/11/2019 TO 08/11/2019

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
08/11/2019	\$ / R 2019/11/29	14.25	P	Any day expiry	0.05059	0.04749			-6.12933	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	13.00	C	Any day expiry	1.72711	1.72711			-0.00024	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29			Any day expiry	14.72710	14.72710			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	14.20	C	Any day expiry	0.56849	0.56571			-0.48915	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	14.25	C	Any day expiry	0.52769	0.52459			-0.58758	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	13.00	P	Any day expiry	0.00001	0.00001			-32.55814	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	14.20	P	Any day expiry	0.04139	0.03861			-6.71803	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	17.26	P	Any day expiry	2.53298	2.53295			-0.00084	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	17.26	C	Any day expiry	0.00008	0.00005			-28.28685	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	16.87	P	Any day expiry	2.14321	2.14314			-0.00346	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	16.87	C	Any day expiry	0.00031	0.00024			-23.62883	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	16.03	P	Any day expiry	1.30879	1.30797			-0.06197	0.00000	0.00000	0
08/11/2019	\$ / R 2019/11/29	16.03	C	Any day expiry	0.00589	0.00507			-13.78033	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/02	13.44	C	Any day expiry	1.29341	1.29326			-0.01191	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/02			Any day expiry	14.73250	14.73250			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/02	13.44	P	Any day expiry	0.00091	0.00076			-16.90620	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/04	14.84	P	Any day expiry	0.30396	0.29938			-1.50731	0.00000	0.00000	0
08/11/2019	\$ / 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
08/11/2019	\$ / R 2019/12/04	14.84	C	Any day expiry	0.20016	0.19558			-2.28899	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.03	P	Foreign Exchange Future	0.00038	0.00032			-14.20591	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.12	P	Foreign Exchange Future	0.05856	0.05628			-3.90404	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.55	P	Foreign Exchange Future	1.80470	1.80406			-0.03528	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.13	C	Foreign Exchange Future	0.01898	0.01772			-6.63909	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.37	C	Foreign Exchange Future	0.01108	0.01022			-7.80893	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.08	P	Foreign Exchange Future	0.05133	0.04921			-4.14230	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	12.87	C	Foreign Exchange Future	1.88274	1.88272			-0.00120	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.94	C	Foreign Exchange Future	0.84412	0.84252			-0.18871	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.41	P	Foreign Exchange Future	0.13443	0.13108			-2.49067	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.80	C	Foreign Exchange Future	0.97117	0.97004			-0.11637	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.00	P	Foreign Exchange Future	0.00031	0.00027			-14.56342	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.85	P	Foreign Exchange Future	2.10101	2.10064			-0.01764	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	17.38	C	Foreign Exchange Future	0.00102	0.00089			-13.07617	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	15.81	C	Foreign Exchange Future	0.03780	0.03584			-5.17099	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	15.80	P	Foreign Exchange Future	1.08600	1.08403			-0.18225	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.55	C	Foreign Exchange Future	0.00730	0.00666			-8.72263	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.11	C	Foreign Exchange Future	0.69929	0.69704			-0.32123	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.11	P	Foreign Exchange Future	0.05669	0.05444			-3.96252	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.94	P	Foreign Exchange Future	0.03152	0.02992			-5.05424	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	17.02	P	Foreign Exchange Future	2.26981	2.26954			-0.01186	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	17.02	C	Foreign Exchange Future	0.00241	0.00214			-11.17520	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.00	C	Foreign Exchange Future	0.79149	0.78968			-0.22868	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.00	P	Foreign Exchange Future	0.03889	0.03708			-4.65382	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.25	P	Foreign Exchange Future	1.51199	1.51094			-0.06958	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.25	C	Foreign Exchange Future	0.01459	0.01354			-7.21146	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	11.89	C	Foreign Exchange Future	2.86260	2.86260			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	11.89	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.66	C	Foreign Exchange Future	1.10293	1.10218			-0.06800	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.66	P	Foreign Exchange Future	0.01033	0.00958			-7.26252	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	15.82	C	Foreign Exchange Future	0.03701	0.03508			-5.21543	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	15.82	P	Foreign Exchange Future	1.10441	1.10248			-0.17475	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.03	C	Foreign Exchange Future	1.72298	1.72292			-0.00310	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.12	C	Foreign Exchange Future	0.69116	0.68888			-0.33079	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.99	P	Foreign Exchange Future	2.23999	2.23970			-0.01272	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.13	P	Foreign Exchange Future	1.39638	1.39512			-0.09024	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.37	P	Foreign Exchange Future	1.62848	1.62762			-0.05314	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.08	C	Foreign Exchange Future	0.72393	0.72181			-0.29372	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.35	P	Foreign Exchange Future	1.60900	1.60811			-0.05559	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	12.87	P	Foreign Exchange Future	0.00014	0.00012			-16.24730	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.41	C	Foreign Exchange Future	0.47703	0.47368			-0.70187	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.80	P	Foreign Exchange Future	0.01857	0.01744			-6.08624	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	13.00	C	Foreign Exchange Future	1.75291	1.75287			-0.00261	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.85	C	Foreign Exchange Future	0.00361	0.00324			-10.28094	0.00000	0.00000	0

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08/11/2019	\$ / R 2019/12/13	17.38	P	Foreign Exchange Future	2.62842	2.62829			-0.00509	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	15.81	P	Foreign Exchange Future	1.09520	1.09324			-0.17846	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	15.80	C	Foreign Exchange Future	0.03860	0.03663			-5.12689	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.99	C	Foreign Exchange Future	0.00259	0.00230			-11.01407	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.10	C	Foreign Exchange Future	0.70746	0.70525			-0.31186	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.10	P	Foreign Exchange Future	0.05486	0.05265			-4.02173	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.35	C	Foreign Exchange Future	0.01160	0.01071			-7.70835	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.20	P	Foreign Exchange Future	1.46368	1.46255			-0.07756	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	16.20	C	Foreign Exchange Future	0.01628	0.01515			-6.97182	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.07	C	Foreign Exchange Future	0.73223	0.73015			-0.28492	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	14.07	P	Foreign Exchange Future	0.04963	0.04755			-4.20350	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	20.00	P	Foreign Exchange Future	5.24740	5.24740			-0.00001	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/13	20.00	C	Foreign Exchange Future	0.00000	0.00000			-37.50000	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	17.44	P	Any day expiry	2.65994	2.65958			-0.01350	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	16.21	P	Any day expiry	1.46670	1.46517			-0.10449	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31			Any day expiry	14.78540	14.78540			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	14.20	P	Any day expiry	0.11222	0.10990			-2.06852	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	17.44	C	Any day expiry	0.00534	0.00498			-6.72168	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	17.05	C	Any day expiry	0.01032	0.00973			-5.71855	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	16.21	C	Any day expiry	0.04210	0.04057			-3.64037	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	14.20	C	Any day expiry	0.69762	0.69530			-0.33275	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	17.05	P	Any day expiry	2.27492	2.27433			-0.02594	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	14.25	C	Any day expiry	0.66162	0.65918			-0.36970	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	14.25	P	Any day expiry	0.12622	0.12378			-1.93782	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	13.00	P	Any day expiry	0.00182	0.00168			-7.58916	0.00000	0.00000	0
08/11/2019	\$ / R 2019/12/31	13.00	C	Any day expiry	1.78722	1.78708			-0.00773	0.00000	0.00000	0
08/11/2019	\$ / R 2020/01/02			Any day expiry	14.78910	14.78910			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/01/02	13.49	P	Any day expiry	0.01483	0.01417			-4.48729	0.00000	0.00000	0
08/11/2019	\$ / R 2020/01/02	13.49	C	Any day expiry	1.31393	1.31327			-0.05066	0.00000	0.00000	0
08/11/2019	\$ / R 2020/01/31	13.54	P	Any day expiry	0.03956	0.03865			-2.29857	0.00000	0.00000	0
08/11/2019	\$ / R 2020/01/31			Any day expiry	14.84240	14.84240			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/01/31	13.54	C	Any day expiry	1.34196	1.34105			-0.06776	0.00000	0.00000	0
08/11/2019	\$ / R 2020/02/28			Any day expiry	14.89510	14.89510			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/02/28	14.78	P	Any day expiry	0.45406	0.45181			-0.49533	0.00000	0.00000	0
08/11/2019	\$ / R 2020/02/28	14.78	C	Any day expiry	0.56916	0.56691			-0.39516	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/02			Any day expiry	14.90060	14.90060			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/02	13.59	P	Any day expiry	0.07097	0.06996			-1.42635	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/02	13.59	C	Any day expiry	1.38157	1.38056			-0.07327	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	13.19	P	Foreign Exchange Future	0.03425	0.03367			-1.69020	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	14.51	P	Foreign Exchange Future	0.34673	0.34479			-0.55908	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	16.81	C	Foreign Exchange Future	0.11850	0.11706			-1.21640	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	14.40	C	Foreign Exchange Future	0.82622	0.82437			-0.22418	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	16.60	P	Foreign Exchange Future	1.81550	1.81393			-0.08655	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	17.73	C	Foreign Exchange Future	0.05547	0.05453			-1.68820	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	15.61	C	Foreign Exchange Future	0.32072	0.31863			-0.65184	0.00000	0.00000	0

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08/11/2019	\$ / R 2020/03/16	14.01	P	Foreign Exchange Future	0.17043	0.16896			-0.86598	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	15.63	C	Foreign Exchange Future	0.31548	0.31339			-0.66040	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	14.51	C	Foreign Exchange Future	0.76263	0.76069			-0.25419	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	13.06	C	Foreign Exchange Future	1.89032	1.88987			-0.02426	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	13.06	P	Foreign Exchange Future	0.02442	0.02397			-1.87721	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	15.61	P	Foreign Exchange Future	1.00482	1.00273			-0.20806	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	11.91	C	Foreign Exchange Future	3.01624	3.01623			-0.00051	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	11.91	P	Foreign Exchange Future	0.00034	0.00033			-4.44897	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	13.19	C	Foreign Exchange Future	1.77015	1.76957			-0.03270	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	16.81	P	Foreign Exchange Future	2.00260	2.00116			-0.07198	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	14.40	P	Foreign Exchange Future	0.30032	0.29847			-0.61673	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	16.60	C	Foreign Exchange Future	0.14140	0.13983			-1.11123	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	17.73	P	Foreign Exchange Future	2.85957	2.85863			-0.03275	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	14.01	C	Foreign Exchange Future	1.08633	1.08486			-0.13586	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	15.63	P	Foreign Exchange Future	1.01958	1.01749			-0.20434	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	14.66	C	Foreign Exchange Future	0.68214	0.68010			-0.29830	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	14.66	P	Foreign Exchange Future	0.41624	0.41420			-0.48886	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	17.04	P	Foreign Exchange Future	2.21185	2.21054			-0.05891	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	17.04	C	Foreign Exchange Future	0.09775	0.09644			-1.33313	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	17.88	P	Foreign Exchange Future	3.00328	3.00241			-0.02892	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	17.88	C	Foreign Exchange Future	0.04918	0.04831			-1.76572	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	13.78	C	Foreign Exchange Future	1.26272	1.26149			-0.09697	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	13.78	P	Foreign Exchange Future	0.11682	0.11559			-1.04820	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	12.96	C	Foreign Exchange Future	1.98440	1.98403			-0.01896	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	12.96	P	Foreign Exchange Future	0.01850	0.01813			-2.03390	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	15.62	C	Foreign Exchange Future	0.31809	0.31600			-0.65610	0.00000	0.00000	0
08/11/2019	\$ / R 2020/03/16	15.62	P	Foreign Exchange Future	1.01219	1.01010			-0.20619	0.00000	0.00000	0
08/11/2019	\$ / R 2020/04/02	13.64	C	Any day expiry	1.42260	1.42155			-0.07406	0.00000	0.00000	0
08/11/2019	\$ / R 2020/04/02			Any day expiry	14.95720	14.95720			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/04/02	13.64	P	Any day expiry	0.10540	0.10435			-0.99958	0.00000	0.00000	0
08/11/2019	\$ / R 2020/04/29			Any day expiry	15.00870	15.00870			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/04/29	13.69	P	Any day expiry	0.13691	0.13585			-0.77837	0.00000	0.00000	0
08/11/2019	\$ / R 2020/04/29	13.69	C	Any day expiry	1.45561	1.45455			-0.07321	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/02	13.74	P	Any day expiry	0.17484	0.17379			-0.60505	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/02			Any day expiry	15.07600	15.07600			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/02	13.74	C	Any day expiry	1.51084	1.50979			-0.07002	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	11.90	C	Foreign Exchange Future	3.20160	3.20150			-0.00312	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	14.25	C	Foreign Exchange Future	1.18082	1.17945			-0.11575	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	15.17	P	Foreign Exchange Future	0.78776	0.78604			-0.21819	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12			Foreign Exchange Future	15.09580	15.09580			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	14.25	P	Foreign Exchange Future	0.33502	0.33365			-0.40798	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	17.26	P	Foreign Exchange Future	2.38222	2.38085			-0.05735	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	17.26	C	Foreign Exchange Future	0.21802	0.21665			-0.62664	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	15.17	C	Foreign Exchange Future	0.71356	0.71184			-0.24088	0.00000	0.00000	0

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08/11/2019	\$ / R 2020/06/12	11.90	P	Foreign Exchange Future	0.00580	0.00570			-1.72140	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	15.18	C	Foreign Exchange Future	0.70952	0.70780			-0.24244	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	15.16	P	Foreign Exchange Future	0.78182	0.78010			-0.21965	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	15.18	P	Foreign Exchange Future	0.79372	0.79200			-0.21673	0.00000	0.00000	0
08/11/2019	\$ / R 2020/06/12	15.16	C	Foreign Exchange Future	0.71762	0.71590			-0.23930	0.00000	0.00000	0
08/11/2019	\$ / R 2020/07/28			Any day expiry	15.18680	15.18680			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/07/28	15.37	P	Any day expiry	0.94297	0.94137			-0.16962	0.00000	0.00000	0
08/11/2019	\$ / R 2020/07/28	15.37	C	Any day expiry	0.75977	0.75817			-0.21053	0.00000	0.00000	0
08/11/2019	\$ / R 2020/09/14	15.35	P	Foreign Exchange Future	0.96021	0.95873			-0.15414	0.00000	0.00000	0
08/11/2019	\$ / R 2020/09/14	15.34	C	Foreign Exchange Future	0.89460	0.89312			-0.16530	0.00000	0.00000	0
08/11/2019	\$ / R 2020/09/14			Foreign Exchange Future	15.28040	15.28040			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R 2020/09/14	15.35	C	Foreign Exchange Future	0.89061	0.88913			-0.16619	0.00000	0.00000	0
08/11/2019	\$ / R 2020/09/14	15.34	P	Foreign Exchange Future	0.95420	0.95272			-0.15498	0.00000	0.00000	0
08/11/2019	\$ / R 2020/09/14	15.36	C	Foreign Exchange Future	0.88664	0.88516			-0.16707	0.00000	0.00000	0
08/11/2019	\$ / R 2020/09/14	15.36	P	Foreign Exchange Future	0.96624	0.96476			-0.15331	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2019/12/13	14.02	P	Foreign Exchange Future	0.04176	0.03987			-4.52141	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2019/12/13	14.01	C	Foreign Exchange Future	0.78290	0.78105			-0.23615	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2019/12/13	14.02	C	Foreign Exchange Future	0.77436	0.77247			-0.24383	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2019/12/13	14.01	P	Foreign Exchange Future	0.04030	0.03845			-4.58725	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2019/12/13	14.03	C	Foreign Exchange Future	0.76585	0.76392			-0.25168	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2019/12/13	14.03	P	Foreign Exchange Future	0.04325	0.04132			-4.45635	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2020/03/16	14.68	C	Foreign Exchange Future	0.67194	0.66989			-0.30445	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2020/03/16	14.69	P	Foreign Exchange Future	0.43099	0.42893			-0.47589	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2020/03/16	14.68	P	Foreign Exchange Future	0.42604	0.42399			-0.48017	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2020/03/16	14.69	C	Foreign Exchange Future	0.66689	0.66483			-0.30755	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2020/03/16	14.67	C	Foreign Exchange Future	0.67702	0.67498			-0.30137	0.00000	0.00000	0
08/11/2019	\$ / R MAXI 2020/03/16	14.67	P	Foreign Exchange Future	0.42112	0.41908			-0.48450	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	19.96	C	Foreign Exchange Future	0.12143	0.11756			-3.18990	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	19.95	P	Foreign Exchange Future	0.80241	0.79851			-0.48612	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13			Foreign Exchange Future	19.27110	19.27110			0.00000	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	19.97	C	Foreign Exchange Future	0.11938	0.11554			-3.22164	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	19.97	P	Foreign Exchange Future	0.81828	0.81444			-0.47002	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	19.96	P	Foreign Exchange Future	0.81033	0.80646			-0.47803	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	19.95	C	Foreign Exchange Future	0.12351	0.11961			-3.15814	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	18.75	C	Foreign Exchange Future	0.66132	0.65740			-0.59226	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	18.75	P	Foreign Exchange Future	0.14022	0.13630			-2.79326	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	22.13	P	Foreign Exchange Future	2.86034	2.86016			-0.00632	0.00000	0.00000	0
08/11/2019	£ / R 2019/12/13	22.13	C	Foreign Exchange Future	0.00144	0.00126			-12.58785	0.00000	0.00000	0
08/11/2019	£ / R 2020/03/16	19.00	P	Foreign Exchange Future	0.41895	0.41652			-0.57826	0.00000	0.00000	0
08/11/2019	£ / R 2020/03/16	20.31	C	Foreign Exchange Future	0.41480	0.41223			-0.61868	0.00000	0.00000	0
08/11/2019	£ / R 2020/03/16			Foreign Exchange Future	19.57520	19.57520			0.00000	0.00000	0.00000	0
08/11/2019	£ / R 2020/03/16	20.29	C	Foreign Exchange Future	0.42081	0.41824			-0.61161	0.00000	0.00000	0
08/11/2019	£ / R 2020/03/16	20.29	P	Foreign Exchange Future	1.13561	1.13304			-0.22664	0.00000	0.00000	0

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08/11/2019	£ / R 2020/03/16	19.00	C	Foreign Exchange Future	0.99415	0.99172			-0.24369	0.00000	0.00000	0
08/11/2019	£ / R 2020/03/16	20.31	P	Foreign Exchange Future	1.14960	1.14703			-0.22323	0.00000	0.00000	0
08/11/2019	£ / R 2020/03/16	20.30	C	Foreign Exchange Future	0.41780	0.41523			-0.61513	0.00000	0.00000	0
08/11/2019	£ / R 2020/03/16	20.30	P	Foreign Exchange Future	1.14260	1.14003			-0.22493	0.00000	0.00000	0
08/11/2019	£ / R 2020/06/12	20.01	P	Foreign Exchange Future	1.01826	1.01610			-0.21196	0.00000	0.00000	0
08/11/2019	£ / R 2020/06/12			Foreign Exchange Future	19.86290	19.86290			0.00000	0.00000	0.00000	0
08/11/2019	£ / R 2020/06/12	20.00	C	Foreign Exchange Future	0.87536	0.87320			-0.24648	0.00000	0.00000	0
08/11/2019	£ / R 2020/06/12	20.00	P	Foreign Exchange Future	1.01246	1.01030			-0.21310	0.00000	0.00000	0
08/11/2019	£ / R 2020/06/12	20.01	C	Foreign Exchange Future	0.87116	0.86900			-0.24775	0.00000	0.00000	0
08/11/2019	£ / R 2020/06/12	19.99	C	Foreign Exchange Future	0.87958	0.87742			-0.24521	0.00000	0.00000	0
08/11/2019	£ / R 2020/06/12	19.99	P	Foreign Exchange Future	1.00668	1.00452			-0.21425	0.00000	0.00000	0
08/11/2019	£ / R 2020/09/14	20.30	C	Foreign Exchange Future	1.11700	1.11511			-0.16906	0.00000	0.00000	0
08/11/2019	£ / R 2020/09/14	20.29	P	Foreign Exchange Future	1.24079	1.23891			-0.15214	0.00000	0.00000	0
08/11/2019	£ / R 2020/09/14			Foreign Exchange Future	20.17040	20.17040			0.00000	0.00000	0.00000	0
08/11/2019	£ / R 2020/09/14	20.31	C	Foreign Exchange Future	1.11280	1.11091			-0.16977	0.00000	0.00000	0
08/11/2019	£ / R 2020/09/14	20.31	P	Foreign Exchange Future	1.25240	1.25051			-0.15085	0.00000	0.00000	0
08/11/2019	£ / R 2020/09/14	20.30	P	Foreign Exchange Future	1.24660	1.24471			-0.15148	0.00000	0.00000	0
08/11/2019	£ / R 2020/09/14	20.29	C	Foreign Exchange Future	1.12119	1.11931			-0.16837	0.00000	0.00000	0
08/11/2019	¥ / R 2019/12/13	0.13	P	Foreign Exchange Future	0.00100	0.00097			-2.98686	0.00000	0.00000	0
08/11/2019	¥ / R 2019/12/13	0.12	C	Foreign Exchange Future	0.01461	0.01461			-0.00754	0.00000	0.00000	0
08/11/2019	¥ / R 2019/12/13			Foreign Exchange Future	0.13460	0.13460			0.00000	0.00000	0.00000	0
08/11/2019	¥ / R 2019/12/13	0.13	C	Foreign Exchange Future	0.00560	0.00557			-0.53283	0.00000	0.00000	0
08/11/2019	¥ / R 2019/12/13	0.12	P	Foreign Exchange Future	0.00001	0.00001			-12.19809	0.00000	0.00000	0
08/11/2019	¥ / R 2019/12/13	0.14	C	Foreign Exchange Future	0.00110	0.00106			-3.04903	0.00000	0.00000	0
08/11/2019	¥ / R 2019/12/13	0.14	P	Foreign Exchange Future	0.00650	0.00646			-0.51522	0.00000	0.00000	0
08/11/2019	¥ / R 2020/03/16	0.15	P	Foreign Exchange Future	0.01478	0.01476			-0.12287	0.00000	0.00000	0
08/11/2019	¥ / R 2020/03/16			Foreign Exchange Future	0.13720	0.13720			0.00000	0.00000	0.00000	0
08/11/2019	¥ / R 2020/03/16	0.14	C	Foreign Exchange Future	0.00457	0.00455			-0.48502	0.00000	0.00000	0
08/11/2019	¥ / R 2020/03/16	0.14	P	Foreign Exchange Future	0.00737	0.00735			-0.30087	0.00000	0.00000	0
08/11/2019	¥ / R 2020/03/16	0.15	C	Foreign Exchange Future	0.00198	0.00196			-0.91853	0.00000	0.00000	0
08/11/2019	¥ / R 2020/03/16	0.13	C	Foreign Exchange Future	0.00954	0.00952			-0.17836	0.00000	0.00000	0
08/11/2019	¥ / R 2020/03/16	0.13	P	Foreign Exchange Future	0.00234	0.00232			-0.72673	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	18.03	P	Foreign Exchange Future	1.29145	1.28970			-0.13534	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	19.80	P	Foreign Exchange Future	3.03171	3.03162			-0.00287	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	14.09	P	Foreign Exchange Future	0.00001	0.00000			-22.95082	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	15.70	P	Foreign Exchange Future	0.01643	0.01537			-6.46300	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	13.73	C	Foreign Exchange Future	3.03890	3.03890			-0.00001	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	16.15	C	Foreign Exchange Future	0.69280	0.69013			-0.38472	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13			Foreign Exchange Future	16.76890	16.76890			0.00000	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	18.02	C	Foreign Exchange Future	0.03097	0.02920			-5.71671	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	18.02	P	Foreign Exchange Future	1.28207	1.28030			-0.13810	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	14.09	C	Foreign Exchange Future	2.67891	2.67890			-0.00005	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	20.62	P	Foreign Exchange Future	3.85119	3.85117			-0.00042	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	20.62	C	Foreign Exchange Future	0.00009	0.00007			-18.62857	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	18.03	C	Foreign Exchange Future	0.03035	0.02860			-5.75979	0.00000	0.00000	0

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08/11/2019	€ / R 2019/12/13	15.85	P	Foreign Exchange Future	0.02830	0.02677			-5.38974	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	19.80	C	Foreign Exchange Future	0.00061	0.00052			-14.37057	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	15.70	C	Foreign Exchange Future	1.08533	1.08427			-0.09783	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	19.79	P	Foreign Exchange Future	3.02172	3.02163			-0.00294	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	13.73	P	Foreign Exchange Future	0.00000	0.00000			-28.57143	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	16.15	P	Foreign Exchange Future	0.07390	0.07123			-3.60681	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	18.01	C	Foreign Exchange Future	0.03161	0.02981			-5.67365	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	18.01	P	Foreign Exchange Future	1.27271	1.27091			-0.14090	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	14.23	C	Foreign Exchange Future	2.53891	2.53891			-0.00011	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	14.23	P	Foreign Exchange Future	0.00001	0.00001			-21.80451	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	15.85	C	Foreign Exchange Future	0.94720	0.94567			-0.16102	0.00000	0.00000	0
08/11/2019	€ / R 2019/12/13	19.79	C	Foreign Exchange Future	0.00062	0.00053			-14.30645	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10	16.65	C	Any day expiry	0.66794	0.66546			-0.37078	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10	17.00	P	Any day expiry	0.51783	0.51516			-0.51578	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10			Any day expiry	16.97740	16.97740			0.00000	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10	17.07	P	Any day expiry	0.55808	0.55540			-0.48118	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10	17.07	C	Any day expiry	0.46548	0.46280			-0.57691	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10	16.65	P	Any day expiry	0.34054	0.33806			-0.72726	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10	16.91	P	Any day expiry	0.46840	0.46576			-0.56377	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10	17.00	C	Any day expiry	0.49523	0.49256			-0.53932	0.00000	0.00000	0
08/11/2019	€ / R 2020/02/10	16.91	C	Any day expiry	0.53580	0.53316			-0.49285	0.00000	0.00000	0
08/11/2019	€ / R 2020/03/16	18.46	C	Foreign Exchange Future	0.21226	0.21031			-0.91648	0.00000	0.00000	0
08/11/2019	€ / R 2020/03/16	18.45	P	Foreign Exchange Future	1.56761	1.56566			-0.12446	0.00000	0.00000	0
08/11/2019	€ / R 2020/03/16			Foreign Exchange Future	17.09630	17.09630			0.00000	0.00000	0.00000	0
08/11/2019	€ / R 2020/03/16	18.47	C	Foreign Exchange Future	0.21062	0.20868			-0.92084	0.00000	0.00000	0
08/11/2019	€ / R 2020/03/16	18.47	P	Foreign Exchange Future	1.58432	1.58238			-0.12242	0.00000	0.00000	0
08/11/2019	€ / R 2020/03/16	18.46	P	Foreign Exchange Future	1.57596	1.57401			-0.12344	0.00000	0.00000	0
08/11/2019	€ / R 2020/03/16	18.45	C	Foreign Exchange Future	0.21391	0.21196			-0.91207	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13	10.91	P	Foreign Exchange Future	0.48295	0.48167			-0.26400	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13	11.00	P	Foreign Exchange Future	0.56381	0.56278			-0.18269	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13			Foreign Exchange Future	10.45630	10.45630			0.00000	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13	10.90	C	Foreign Exchange Future	0.03047	0.02916			-4.27730	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13	10.90	P	Foreign Exchange Future	0.47417	0.47286			-0.27482	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13	10.91	C	Foreign Exchange Future	0.02925	0.02797			-4.35930	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13	11.00	C	Foreign Exchange Future	0.02011	0.01908			-5.12252	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13	10.89	C	Foreign Exchange Future	0.03173	0.03040			-4.19593	0.00000	0.00000	0
08/11/2019	AU\$ / R 2019/12/13	10.89	P	Foreign Exchange Future	0.46543	0.46410			-0.28604	0.00000	0.00000	0
08/11/2019	AU\$ / R 2020/03/16	11.06	C	Foreign Exchange Future	0.14490	0.14384			-0.73257	0.00000	0.00000	0
08/11/2019	AU\$ / R 2020/03/16	11.05	P	Foreign Exchange Future	0.59410	0.59303			-0.17950	0.00000	0.00000	0
08/11/2019	AU\$ / R 2020/03/16			Foreign Exchange Future	10.60320	10.60320			0.00000	0.00000	0.00000	0
08/11/2019	AU\$ / R 2020/03/16	11.07	C	Foreign Exchange Future	0.14254	0.14148			-0.74120	0.00000	0.00000	0
08/11/2019	AU\$ / R 2020/03/16	11.07	P	Foreign Exchange Future	0.60934	0.60828			-0.17338	0.00000	0.00000	0
08/11/2019	AU\$ / R 2020/03/16	11.06	P	Foreign Exchange Future	0.60170	0.60064			-0.17642	0.00000	0.00000	0
08/11/2019	AU\$ / R 2020/03/16	11.05	C	Foreign Exchange Future	0.14730	0.14623			-0.72397	0.00000	0.00000	0
08/11/2019	CAD/ R 2019/12/13	11.54	C	Foreign Exchange Future	0.03565	0.03412			-4.30260	0.00000	0.00000	0

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08/11/2019	CAD/ R 2019/12/13	11.55	P	Foreign Exchange Future	0.57415	0.57264			-0.26229	0.00000	0.00000	0
08/11/2019	CAD/ R 2019/12/13	11.53	P	Foreign Exchange Future	0.55660	0.55503			-0.28067	0.00000	0.00000	0
08/11/2019	CAD/ R 2019/12/13			Foreign Exchange Future	11.01030	11.01030			0.00000	0.00000	0.00000	0
08/11/2019	CAD/ R 2019/12/13	11.54	P	Foreign Exchange Future	0.56535	0.56382			-0.27133	0.00000	0.00000	0
08/11/2019	CAD/ R 2019/12/13	11.55	C	Foreign Exchange Future	0.03445	0.03294			-4.37173	0.00000	0.00000	0
08/11/2019	CAD/ R 2019/12/13	11.53	C	Foreign Exchange Future	0.03690	0.03533			-4.23402	0.00000	0.00000	0
08/11/2019	CAD/ R 2020/03/16	11.70	C	Foreign Exchange Future	0.16904	0.16780			-0.73538	0.00000	0.00000	0
08/11/2019	CAD/ R 2020/03/16			Foreign Exchange Future	11.16030	11.16030			0.00000	0.00000	0.00000	0
08/11/2019	CAD/ R 2020/03/16	11.68	C	Foreign Exchange Future	0.17383	0.17257			-0.72066	0.00000	0.00000	0
08/11/2019	CAD/ R 2020/03/16	11.68	P	Foreign Exchange Future	0.69353	0.69227			-0.18063	0.00000	0.00000	0
08/11/2019	CAD/ R 2020/03/16	11.70	P	Foreign Exchange Future	0.70874	0.70750			-0.17540	0.00000	0.00000	0
08/11/2019	CAD/ R 2020/03/16	11.69	C	Foreign Exchange Future	0.17142	0.17017			-0.72805	0.00000	0.00000	0
08/11/2019	CAD/ R 2020/03/16	11.69	P	Foreign Exchange Future	0.70112	0.69987			-0.17800	0.00000	0.00000	0
08/11/2019	CHF / R 2019/12/13	15.96	P	Foreign Exchange Future	1.21277	1.21124			-0.12612	0.00000	0.00000	0
08/11/2019	CHF / R 2019/12/13	15.95	C	Foreign Exchange Future	0.02646	0.02490			-5.86445	0.00000	0.00000	0
08/11/2019	CHF / R 2019/12/13			Foreign Exchange Future	14.77310	14.77310			0.00000	0.00000	0.00000	0
08/11/2019	CHF / R 2019/12/13	15.96	C	Foreign Exchange Future	0.02587	0.02434			-5.91200	0.00000	0.00000	0
08/11/2019	CHF / R 2019/12/13	15.95	P	Foreign Exchange Future	1.20336	1.20180			-0.12893	0.00000	0.00000	0
08/11/2019	CHF / R 2019/12/13	15.97	C	Foreign Exchange Future	0.02530	0.02379			-5.95952	0.00000	0.00000	0
08/11/2019	CHF / R 2019/12/13	15.97	P	Foreign Exchange Future	1.22220	1.22069			-0.12336	0.00000	0.00000	0
08/11/2019	CHF / R 2020/03/16	16.64	P	Foreign Exchange Future	1.71781	1.71617			-0.09545	0.00000	0.00000	0
08/11/2019	CHF / R 2020/03/16			Foreign Exchange Future	15.07740	15.07740			0.00000	0.00000	0.00000	0
08/11/2019	CHF / R 2020/03/16	16.63	C	Foreign Exchange Future	0.15655	0.15490			-1.05151	0.00000	0.00000	0
08/11/2019	CHF / R 2020/03/16	16.63	P	Foreign Exchange Future	1.70915	1.70750			-0.09631	0.00000	0.00000	0
08/11/2019	CHF / R 2020/03/16	16.64	C	Foreign Exchange Future	0.15521	0.15357			-1.05647	0.00000	0.00000	0
08/11/2019	CHF / R 2020/03/16	16.62	C	Foreign Exchange Future	0.15790	0.15625			-1.04650	0.00000	0.00000	0
08/11/2019	CHF / R 2020/03/16	16.62	P	Foreign Exchange Future	1.70050	1.69885			-0.09717	0.00000	0.00000	0
08/11/2019	CNH / R 2019/12/13	2.11	P	Foreign Exchange Future	0.00553	0.00527			-4.62450	0.00000	0.00000	0
08/11/2019	CNH / R 2019/12/13	2.10	C	Foreign Exchange Future	0.11900	0.11878			-0.18443	0.00000	0.00000	0
08/11/2019	CNH / R 2019/12/13			Foreign Exchange Future	2.21470	2.21470			0.00000	0.00000	0.00000	0
08/11/2019	CNH / R 2019/12/13	2.11	C	Foreign Exchange Future	0.11023	0.10997			-0.23193	0.00000	0.00000	0
08/11/2019	CNH / R 2019/12/13	2.10	P	Foreign Exchange Future	0.00430	0.00408			-5.10275	0.00000	0.00000	0
08/11/2019	CNH / R 2019/12/13	2.12	C	Foreign Exchange Future	0.10171	0.10142			-0.28820	0.00000	0.00000	0
08/11/2019	CNH / R 2019/12/13	2.12	P	Foreign Exchange Future	0.00701	0.00672			-4.18059	0.00000	0.00000	0
08/11/2019	DKK / R 2019/12/13	2.54	P	Foreign Exchange Future	0.29069	0.29067			-0.00806	0.00000	0.00000	0
08/11/2019	DKK / R 2019/12/13			Foreign Exchange Future	2.24950	2.24950			0.00000	0.00000	0.00000	0
08/11/2019	DKK / R 2019/12/13	2.54	C	Foreign Exchange Future	0.00019	0.00017			-12.04733	0.00000	0.00000	0
08/11/2019	DKK / R 2019/12/13	2.55	C	Foreign Exchange Future	0.00015	0.00013			-12.56121	0.00000	0.00000	0
08/11/2019	DKK / R 2019/12/13	2.53	P	Foreign Exchange Future	0.28075	0.28072			-0.01011	0.00000	0.00000	0
08/11/2019	DKK / R 2019/12/13	2.55	P	Foreign Exchange Future	0.30065	0.30063			-0.00640	0.00000	0.00000	0
08/11/2019	DKK / R 2019/12/13	2.53	C	Foreign Exchange Future	0.00025	0.00022			-11.53705	0.00000	0.00000	0
08/11/2019	DKK / R 2020/03/16	2.61	C	Foreign Exchange Future	0.00868	0.00854			-1.54502	0.00000	0.00000	0
08/11/2019	DKK / R 2020/03/16	2.60	P	Foreign Exchange Future	0.31434	0.31420			-0.04459	0.00000	0.00000	0
08/11/2019	DKK / R 2020/03/16			Foreign Exchange Future	2.29500	2.29500			0.00000	0.00000	0.00000	0
08/11/2019	DKK / R 2020/03/16	2.62	C	Foreign Exchange Future	0.00806	0.00793			-1.59005	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
08/11/2019	DKK / R 2020/03/16	2.62	P	Foreign Exchange Future	0.33306	0.33293			-0.03847	0.00000	0.00000	0
08/11/2019	DKK / R 2020/03/16	2.61	P	Foreign Exchange Future	0.32368	0.32354			-0.04142	0.00000	0.00000	0
08/11/2019	DKK / R 2020/03/16	2.60	C	Foreign Exchange Future	0.00934	0.00920			-1.50010	0.00000	0.00000	0
08/11/2019	HK\$/R 2019/12/13	1.84	C	Foreign Exchange Future	0.06384	0.06342			-0.64844	0.00000	0.00000	0
08/11/2019	HK\$/R 2019/12/13	1.83	P	Foreign Exchange Future	0.01276	0.01238			-2.97599	0.00000	0.00000	0
08/11/2019	HK\$/R 2019/12/13			Foreign Exchange Future	1.88810	1.88810			0.00000	0.00000	0.00000	0
08/11/2019	HK\$/R 2019/12/13	1.85	C	Foreign Exchange Future	0.05724	0.05680			-0.77540	0.00000	0.00000	0
08/11/2019	HK\$/R 2019/12/13	1.85	P	Foreign Exchange Future	0.01914	0.01870			-2.31862	0.00000	0.00000	0
08/11/2019	HK\$/R 2019/12/13	1.84	P	Foreign Exchange Future	0.01574	0.01532			-2.63036	0.00000	0.00000	0
08/11/2019	HK\$/R 2019/12/13	1.83	C	Foreign Exchange Future	0.07086	0.07048			-0.53604	0.00000	0.00000	0
08/11/2019	KES / R 2019/12/13			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
08/11/2019	KES / R 2020/03/16			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
08/11/2019	NOK/R 2019/12/13			Foreign Exchange Future	1.71570	1.71570			0.00000	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2019/12/13	10.35	P	Foreign Exchange Future	0.49804	0.49672			-0.26502	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2019/12/13			Foreign Exchange Future	9.88230	9.88230			0.00000	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2019/12/13	10.35	C	Foreign Exchange Future	0.03034	0.02902			-4.35092	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2019/12/13	10.34	P	Foreign Exchange Future	0.48926	0.48792			-0.27558	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2019/12/13	10.36	C	Foreign Exchange Future	0.02915	0.02786			-4.43077	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2019/12/13	10.36	P	Foreign Exchange Future	0.50685	0.50556			-0.25483	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2019/12/13	10.34	C	Foreign Exchange Future	0.03156	0.03022			-4.27169	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2020/03/16	10.52	C	Foreign Exchange Future	0.13986	0.13879			-0.76435	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2020/03/16	10.53	P	Foreign Exchange Future	0.65356	0.65249			-0.16279	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2020/03/16			Foreign Exchange Future	10.01410	10.01410			0.00000	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2020/03/16	10.52	P	Foreign Exchange Future	0.64576	0.64469			-0.16554	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2020/03/16	10.53	C	Foreign Exchange Future	0.13766	0.13659			-0.77286	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2020/03/16	10.51	C	Foreign Exchange Future	0.14209	0.14102			-0.75585	0.00000	0.00000	0
08/11/2019	NZ\$ / R 2020/03/16	10.51	P	Foreign Exchange Future	0.63799	0.63692			-0.16834	0.00000	0.00000	0
08/11/2019	PULA / R 2019/12/13	1.35	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
08/11/2019	PULA / R 2019/12/13			Foreign Exchange Future	1.35080	1.35080			0.00000	0.00000	0.00000	0
08/11/2019	PULA / R 2019/12/13	1.34	C	Foreign Exchange Future	0.01080	0.01080			0.00000	0.00000	0.00000	0
08/11/2019	PULA / R 2019/12/13	1.34	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
08/11/2019	PULA / R 2019/12/13	1.35	C	Foreign Exchange Future	0.00080	0.00080			0.00000	0.00000	0.00000	0
08/11/2019	PULA / R 2019/12/13	1.33	C	Foreign Exchange Future	0.02080	0.02080			0.00000	0.00000	0.00000	0
08/11/2019	PULA / R 2019/12/13	1.33	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
08/11/2019	QUANTO £ / \$ 2019/12/13			Foreign Exchange Future	1.30630	1.30630			0.00000	0.00000	0.00000	0
08/11/2019	QUANTO £ / \$ 2020/03/16			Foreign Exchange Future	1.31150	1.31150			0.00000	0.00000	0.00000	0
08/11/2019	QUANTO € / \$ 2019/12/13			Foreign Exchange Future	1.13670	1.13670			0.00000	0.00000	0.00000	0
08/11/2019	QUANTO € / \$ 2020/03/16			Foreign Exchange Future	1.14540	1.14540			0.00000	0.00000	0.00000	0
08/11/2019	SGD / R 2019/12/13	10.67	P	Foreign Exchange Future	0.08526	0.08314			-2.47855	0.00000	0.00000	0
08/11/2019	SGD / R 2019/12/13	10.66	C	Foreign Exchange Future	0.30568	0.30359			-0.68173	0.00000	0.00000	0
08/11/2019	SGD / R 2019/12/13			Foreign Exchange Future	10.88370	10.88370			0.00000	0.00000	0.00000	0
08/11/2019	SGD / R 2019/12/13	10.67	C	Foreign Exchange Future	0.29896	0.29684			-0.70683	0.00000	0.00000	0
08/11/2019	SGD / R 2019/12/13	10.66	P	Foreign Exchange Future	0.08198	0.07989			-2.54200	0.00000	0.00000	0
08/11/2019	SGD / R 2019/12/13	10.68	C	Foreign Exchange Future	0.29232	0.29018			-0.73259	0.00000	0.00000	0
08/11/2019	SGD / R 2019/12/13	10.68	P	Foreign Exchange Future	0.08862	0.08648			-2.41652	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
08/11/2019	TRY / R 2019/12/13	2.30	C	Foreign Exchange Future	0.01361	0.01307			-3.93059	0.00000	0.00000	0
08/11/2019	TRY / R 2019/12/13	2.28	P	Foreign Exchange Future	0.14734	0.14674			-0.40526	0.00000	0.00000	0
08/11/2019	TRY / R 2019/12/13			Foreign Exchange Future	2.14970	2.14970			0.00000	0.00000	0.00000	0
08/11/2019	TRY / R 2019/12/13	2.30	P	Foreign Exchange Future	0.16391	0.16337			-0.32628	0.00000	0.00000	0
08/11/2019	TRY / R 2019/12/13	2.28	C	Foreign Exchange Future	0.01704	0.01644			-3.50448	0.00000	0.00000	0
08/11/2019	TRY / R 2019/12/13	2.29	P	Foreign Exchange Future	0.15554	0.15498			-0.36395	0.00000	0.00000	0
08/11/2019	TRY / R 2019/12/13	2.29	C	Foreign Exchange Future	0.01524	0.01468			-3.71393	0.00000	0.00000	0

**Future Open Interest**

**0**

**Option Open Interest**

**0**

**Total**

**0**