



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 19-February-2019

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Feb 2019	DAEU	Future	29	16.0395	16.0199	0.0000	0.0000	0	0.00		
Mar 2019	DAEU	Future	53	16.1346	16.1158	0.0000	0.0000	0	0.00		
Apr 2019	DAEU	Future	4	16.1918	16.1736	0.0000	0.0000	0	0.00		
Apr 2019	DAEU	Future	1	16.2290	16.2108	0.0000	0.0000	0	0.00		
			<u>87</u>					<u>0.00</u>	<u>0.00</u>	<u>816 079.00</u>	<u>12 203 675 785.40</u>
Option											
Aug 2019	DAEU	19.65 Call	62,400	148.1093	146.6852	0.0000	0.0000	0	0.00		
Feb 2020	DAEU	16.65 Call	21,000	1338.8526	1325.1842	0.0000	0.0000	0	0.00		
Feb 2020	DAEU	16.91 Call	15,000	1219.8483	1206.7401	0.0000	0.0000	0	0.00		
Feb 2020	DAEU	17.00 Call	15,000	1181.3399	1168.4193	0.0000	0.0000	0	0.00		
Feb 2020	DAEU	17.07 Call	15,000	1152.3073	1139.5313	0.0000	0.0000	0	0.00		
			<u>128,400</u>					<u>0.00</u>	<u>0.00</u>	<u>1 749 987.00</u>	<u>0.00</u>
Total			128,487					0.00	0.00	2 566 066.00	12 203 675 785.40
Future											
Feb 2019	DAGB	Future	47	18.3967	18.2893	0.0000	0.0000	0	0.00		
Mar 2019	DAGB	Future	80	18.4878	18.3807	0.0000	0.0000	0	0.00		
Apr 2019	DAGB	Future	43	18.5422	18.4355	0.0000	0.0000	0	0.00		
Apr 2019	DAGB	Future	120	18.5775	18.4707	0.0000	0.0000	0	0.00		
Apr 2019	DAGB	Future	27	18.5872	18.4803	0.0000	0.0000	0	0.00		
			<u>317</u>					<u>0.00</u>	<u>0.00</u>	<u>66 877.00</u>	<u>1 121 639 544.20</u>
Total			317					0.00	0.00	274 190.00	1 121 639 544.20
Future											
Feb 2019	DAUS	Future	5,759	14.1590	14.1371	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	74	14.1658	14.1440	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	10,080	14.1675	14.1457	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	3,731	14.2047	14.1833	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	3,708	14.2081	14.1868	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.2149	14.1937	0.0000	0.0000	0	0.00		

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Apr 2019	DAUS	Future	260	14.2372	14.2164	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	349	14.2564	14.2356	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	15	14.2617	14.2408	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,052	14.2635	14.2426	0.0000	0.0000	390	5,577,195.00		
May 2019	DAUS	Future	25,000	14.2795	14.2584	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	93	14.2866	14.2654	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	416	14.3188	14.2974	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	74	14.3259	14.3046	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	753	14.3687	14.3473	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	14.3741	14.3526	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	430	14.4277	14.4061	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.4294	14.4079	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	187	14.4812	14.4604	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.4866	14.4658	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	74	14.4901	14.4695	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	53	14.5373	14.5163	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.5411	14.5198	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	108	14.5945	14.5724	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	Future	52	14.6466	14.6261	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.6521	14.6316	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	321	14.6557	14.6353	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.7088	14.6884	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.7632	14.7415	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.8221	14.7997	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.8817	14.8597	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.9336	14.9119	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	15.0002	14.9783	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.1125	15.0889	0.0000	0.0000	0	0.00		
			<u>138,249</u>					<u>390.00</u>	<u>5,577,195.00</u>	<u>11 151 923.00</u>	<u>137 295 097 543.30</u>
Option											
Feb 2019	DAUS	13.80 Put	25,000	21.0542	24.4031	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.75 Put	25,000	32.6801	38.7308	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	1.3399	1.7658	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.70 Put	600	30.1926	34.9800	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.20 Put	250	198.5834	217.5985	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.25 Call	600	138.1062	135.9703	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.25 Put	250	229.1062	248.8703	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	64.8438	65.0123	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.75 Call	600	32.7660	33.4095	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	15.27 Call	250	6.5785	7.0611	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	15.63 Call	250	2.1636	2.4385	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.40 Call	50,000	775.2004	754.2045	0.0000	0.0000	0	0.00		

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Mar 2019	DAUS	13.45 Put	100,000	8.7674	0.0000	0.0000	0.0000	100,000	0.00
Mar 2019	DAUS	13.50 Call	50,000	679.6480	659.1296	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.70 Call	100,000	504.3583	487.0294	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.70 Put	100,000	36.8583	41.3294	0.0000	0.0000	100,000	0.00
Mar 2019	DAUS	13.94 Put	27,500	123.6009	135.8314	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.15 Call	27,500	31.7516	32.4121	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.80 Call	30,000	511.1500	498.7993	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Call	30,000	284.4661	278.2994	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.88 Put	32,000	156.1039	166.7851	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.00 Put	65,000	204.6901	216.9588	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	12.8314	14.8607	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.45 Put	600	50.2438	55.0574	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.87 Call	600	497.2131	486.0240	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Put	250	310.6291	325.0868	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	339.7749	354.7871	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.40 Call	600	242.5246	237.7268	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	166.5459	163.7908	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	56.2874	56.1022	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.79 Call	250	31.8824	31.6386	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.76 Put	100	139.0169	147.5985	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.35 Call	100	290.8702	285.1633	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	35.0054	38.1722	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	889.1679	875.6055	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Put	250	397.7004	412.1647	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	425.2174	440.1137	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	247.0690	244.4424	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	116.8493	116.4600	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.96 Call	250	82.6925	82.3839	0.0000	0.0000	0	0.00
May 2019	DAUS	13.72 Call	50,000	764.2861	753.8924	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Call	50,000	500.7304	494.5686	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	65.4304	69.7928	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Put	250	461.8983	476.0613	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	489.2446	503.7754	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	308.1734	304.6520	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	170.4249	168.8355	0.0000	0.0000	0	0.00
May 2019	DAUS	16.15 Call	250	129.1128	127.9818	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.83 Put	45,000	297.4877	308.2648	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.06 Put	18,000	402.3087	414.7814	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.15 Put	18,000	448.0174	461.1123	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	18,000	501.7804	515.5385	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	86.1158	90.6523	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.20 Put	250	497.6674	510.4564	0.0000	0.0000	0	0.00

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Jun 2019	DAUS	14.25 Put	250	524.8602	537.9580	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	342.0873	337.7190	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.96 Call	250	202.9662	200.3229	0.0000	0.0000	0	0.00
Jun 2019	DAUS	16.32 Call	250	159.4835	157.3850	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.00 Put	500	109.3247	114.0569	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.20 Put	250	532.4595	544.1211	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.25 Put	250	559.4352	571.3660	0.0000	0.0000	0	0.00
Jul 2019	DAUS	15.34 Call	500	380.7832	375.3034	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.14 Call	250	239.0326	235.3241	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.50 Call	250	193.5246	190.3622	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.48 Put	3,147	702.9225	715.3201	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.35 Call	3,147	232.9293	229.0251	0.0000	0.0000	0	0.00
Aug 2019	DAUS	13.00 Put	500	130.4284	133.9845	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.20 Put	250	559.6721	570.7142	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.25 Put	250	586.4880	597.7761	0.0000	0.0000	0	0.00
Aug 2019	DAUS	15.52 Call	500	407.0902	402.0612	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.33 Call	250	265.7874	261.8532	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.70 Call	250	218.6386	215.4191	0.0000	0.0000	0	0.00
Sep 2019	DAUS	19.00 Call	20,000	94.1851	91.7271	0.0000	0.0000	0	0.00
Sep 2019	DAUS	13.00 Put	500	148.5152	153.4707	0.0000	0.0000	0	0.00
Sep 2019	DAUS	14.20 Put	250	582.7824	594.3553	0.0000	0.0000	0	0.00
Sep 2019	DAUS	14.25 Put	250	609.4562	621.2691	0.0000	0.0000	0	0.00
Sep 2019	DAUS	15.68 Call	500	437.0277	432.4635	0.0000	0.0000	0	0.00
Sep 2019	DAUS	16.50 Call	250	294.1913	290.6822	0.0000	0.0000	0	0.00
Sep 2019	DAUS	16.89 Call	250	244.4193	241.5900	0.0000	0.0000	0	0.00
Oct 2019	DAUS	13.00 Put	500	164.8475	171.3699	0.0000	0.0000	0	0.00
Oct 2019	DAUS	14.20 Put	250	604.5122	616.6369	0.0000	0.0000	0	0.00
Oct 2019	DAUS	14.25 Put	250	631.0259	643.4176	0.0000	0.0000	0	0.00
Oct 2019	DAUS	15.87 Call	500	460.6062	456.0363	0.0000	0.0000	0	0.00
Oct 2019	DAUS	16.70 Call	250	318.3273	315.1012	0.0000	0.0000	0	0.00
Oct 2019	DAUS	17.09 Call	250	269.1403	266.3593	0.0000	0.0000	0	0.00
Nov 2019	DAUS	13.00 Put	500	179.1198	185.3606	0.0000	0.0000	0	0.00
Nov 2019	DAUS	14.20 Put	250	623.0153	634.5579	0.0000	0.0000	0	0.00
Nov 2019	DAUS	14.25 Put	250	649.4056	661.1559	0.0000	0.0000	0	0.00
Nov 2019	DAUS	16.03 Call	500	484.0090	480.3532	0.0000	0.0000	0	0.00
Nov 2019	DAUS	16.87 Call	250	341.3192	338.9151	0.0000	0.0000	0	0.00
Nov 2019	DAUS	17.26 Call	250	292.3556	290.3706	0.0000	0.0000	0	0.00
Dec 2019	DAUS	13.00 Put	500	190.8714	197.7932	0.0000	0.0000	0	0.00
Dec 2019	DAUS	14.20 Put	250	640.1346	651.7588	0.0000	0.0000	0	0.00
Dec 2019	DAUS	14.25 Put	250	666.3577	678.1847	0.0000	0.0000	0	0.00
Dec 2019	DAUS	16.21 Call	500	507.1947	503.3766	0.0000	0.0000	0	0.00
Dec 2019	DAUS	17.05 Call	250	366.5486	364.3076	0.0000	0.0000	0	0.00

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Dec 2019	DAUS	17.44 Call	250	317.7686	316.0722	0.0000	0.0000	0	0.00	
			918,094					200,000.00	0.00	23 293 630.00
		Total	1,056,343					200,390.00	5,577,195.00	34 445 553.00
										137 295 097 543.30
Future										
Mar 2019	EUUS	Future	5	1.1345	1.1349	0.0000	0.0000	0	0.00	
Jun 2019	EUUS	Future	582	1.1430	1.1434	0.0000	0.0000	0	0.00	
			587					0.00	0.00	745 402.00
		Total	587					0.00	0.00	745 402.00
										8 456 173 900.00
Future										
Mar 2019	GBUS	Future	5	1.3005	1.2949	0.0000	0.0000	0	0.00	
			5					0.00	0.00	171 722.00
		Total	5					0.00	0.00	171 722.00
										2 209 540 628.00
Future										
Mar 2019	ZAAD	Future	5,731	10.1134	10.1404	0.0000	0.0000	0	0.00	
Jun 2019	ZAAD	Future	15,741	10.2360	10.2632	0.0000	0.0000	0	0.00	
Sep 2019	ZAAD	Future	513	10.3697	10.3977	0.0000	0.0000	0	0.00	
Dec 2019	ZAAD	Future	400	10.4994	10.5278	0.0000	0.0000	0	0.00	
			22,385					0.00	0.00	3 849 247.00
		Total								33 725 561 648.60
Option										
Dec 2019	ZAAD	11.00 Call	1,000	323.4761	335.7689	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	34 377.00
		Total	23,385					0.00	0.00	3 883 624.00
										33 725 561 648.60
Future										
Mar 2019	ZACA	Future	500	10.6991	10.7142	0.0000	0.0000	0	0.00	
Jun 2019	ZACA	Future	650	10.8383	10.8539	0.0000	0.0000	0	0.00	
Sep 2019	ZACA	Future	400	10.9870	11.0041	0.0000	0.0000	0	0.00	
			1,550					0.00	0.00	150 363.00
		Total	1,550					0.00	0.00	150 363.00
										1 491 472 790.10
Future										
Jun 2019	ZADK	Future	250	2.1985	2.1964	0.0000	0.0000	0	0.00	
			250					0.00	0.00	13 625.00
		Total	250					0.00	0.00	13 625.00
										294 020 589.00
Future										
Mar 2019	ZAEU	Future	139,512	16.0978	16.0784	16.1500	16.0656	271	4,366,077.30	
Jun 2019	ZAEU	Future	29,914	16.3954	16.3766	0.0000	0.0000	137	2,255,828.30	

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Sep 2019	ZAEU	Future	21,578	16.7198	16.7027	0.0000	0.0000	138	2,316,399.00		
Dec 2019	ZAEU	Future	17,761	17.0304	17.0128	0.0000	0.0000	138	2,361,262.80		
			<u>208,765</u>					<u>684.00</u>	<u>11,299,567.40</u>	<u>16 208 987.00</u>	<u>234 212 482 190.80</u>
Option											
Mar 2019	ZAEU	16.00 Call	650	326.4052	320.7684	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	15.62 Put	14,429	288.8725	294.9815	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	18.27 Call	14,429	380.2418	377.7934	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	18.60 Call	55,000	326.1041	323.4428	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	13.73 Put	17,150	33.4269	32.9481	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	16.15 Put	17,150	508.2696	512.6995	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	20.62 Call	17,150	272.4845	271.5509	0.0000	0.0000	0	0.00		
			<u>135,958</u>					<u>0.00</u>	<u>0.00</u>	<u>11 000 163.00</u>	<u>0.00</u>
	Total		344,723					684.00	11,299,567.40	27 209 150.00	234 212 482 190.80
Future											
Mar 2019	ZAFR	Future	1,143	14.1800	14.1691	0.0000	0.0000	0	0.00		
Jun 2019	ZAFR	Future	150	14.4555	14.4450	0.0000	0.0000	0	0.00		
			<u>1,293</u>					<u>0.00</u>	<u>0.00</u>	<u>626 980.00</u>	<u>6 760 109 369.60</u>
	Total		1,293					0.00	0.00	626 980.00	6 760 109 369.60
Future											
Mar 2019	ZAGB	Future	326,198	18.4527	18.3453	18.4455	18.3194	276	5,088,834.70		
Jun 2019	ZAGB	Future	5,703	18.7357	18.6276	18.7407	18.7407	128	2,398,509.60		
Sep 2019	ZAGB	Future	15,894	19.0409	18.9331	19.1722	19.0060	702	13,432,224.50		
Dec 2019	ZAGB	Future	12,565	19.3311	19.2226	0.0000	0.0000	125	2,417,775.00		
			<u>360,360</u>					<u>1,231.00</u>	<u>23,337,343.80</u>	<u>13 951 130.00</u>	<u>238 663 504 028.90</u>
Option											
Mar 2019	ZAGB	18.00 Put	500	138.4898	178.4440	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	19.00 Call	2,500	144.5759	126.1829	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	19.19 Put	1,000	844.4325	938.4258	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	20.00 Call	500	23.4487	22.0395	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	20.18 Call	1,500	16.0119	15.6680	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	21.44 Call	500	3.0124	2.8844	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	18.00 Call	1,000	1102.3335	1038.0806	0.0000	0.0000	0	0.00		
			<u>7,500</u>					<u>0.00</u>	<u>0.00</u>	<u>1 784 813.00</u>	<u>0.00</u>
	Total		367,860					1,231.00	23,337,343.80	15 735 943.00	238 663 504 028.90
Future											
Mar 2019	ZAJY	Future	10,000	0.1285	0.1284	0.0000	0.0000	0	0.00		
			<u>10,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1 091 937.00</u>	<u>12 363 272 053.60</u>
	Total		10,000					0.00	0.00	1 091 937.00	12 363 272 053.60

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>		<u>CUMULATIVE VOLUME</u>	
Future											
Jun 2019	ZAKS	Future	2,166	0.1400	0.1409	0.0000	0.0000	0	0.00		
			<u>2,166</u>					<u>0.00</u>	<u>0.00</u>	<u>38 066.00</u>	<u>515 662 000.00</u>
		Total	2,166					0.00	0.00	38 066.00	515 662 000.00
Future											
Sep 2019	ZANZ	Future	646	9.9729	9.9948	0.0000	0.0000	0	0.00		
			<u>646</u>					<u>0.00</u>	<u>0.00</u>	<u>146 792.00</u>	<u>1 127 677 204.60</u>
		Total	646					0.00	0.00	166 792.00	1 127 677 204.60
Future											
Mar 2019	ZATR	Future	18,000	2.6353	2.6310	0.0000	0.0000	0	0.00		
			<u>18,000</u>					<u>0.00</u>	<u>0.00</u>	<u>438 935.00</u>	<u>1 368 996 669.90</u>
		Total	18,000					0.00	0.00	438 935.00	1 368 996 669.90
Future											
Mar 2019	ZAUM	Future	435	14.1893	14.1677	0.0000	0.0000	0	0.00		
			<u>435</u>					<u>0.00</u>	<u>0.00</u>	<u>155 688.00</u>	<u>180 687 046 090.00</u>
		Total	435					0.00	0.00	160 211.00	180 687 046 090.00
Future											
Mar 2019	ZAUS	Future	576,961	14.1893	14.1677	14.2468	14.1747	62,860	894,086,097.90		
Jun 2019	ZAUS	Future	106,010	14.3438	14.3225	14.3911	14.3365	770	11,067,770.90		
Sep 2019	ZAUS	Future	22,783	14.5115	14.4913	14.5766	14.5550	5,037	73,352,490.10		
Dec 2019	ZAUS	Future	10,513	14.6720	14.6518	0.0000	0.0000	37	545,217.20		
Mar 2020	ZAUS	Future	4,566	14.8490	14.8268	0.0000	0.0000	0	0.00		
			<u>720,833</u>					<u>68,704.00</u>	<u>979,051,576.10</u>	<u>195 876 497.00</u>	<u>2 363 786 221 403.30</u>
Option											
Mar 2019	ZAUS	10.33 Put	1,000	0.0138	0.0146	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	0.1762	0.1874	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.47 Put	721	1.8606	1.9421	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.51 Put	720	2.1094	2.2003	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.80 Put	7,520	5.1121	5.3324	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.90 Put	16,000	6.7807	7.1188	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.92 Put	139,342	7.1740	7.5407	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.00 Put	15,434	8.9841	9.4867	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.05 Put	1,155	10.3361	10.9428	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.12 Put	138,000	12.5693	13.3511	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.15 Put	10,125	13.6648	14.5339	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.25 Put	225,407	18.0311	19.2521	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.33 Put	135,043	22.4716	24.0533	0.0000	0.0000	0	0.00		

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Mar 2019	ZAUS	13.36 Put	134,750	24.3949	26.1331	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	32.0141	34.8373	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.50 Call	145	724.9603	708.4573	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.50 Put	7,550	35.6603	40.7573	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.55 Put	10,000	43.4320	49.1701	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.60 Call	500	641.6821	626.4871	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.60 Put	6,570	52.3821	58.7871	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.62 Put	6,432	56.3113	62.9878	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.68 Put	14,200	69.3598	76.8647	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.70 Put	2,500	74.1448	81.9291	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.72 Put	10,000	79.1547	87.2193	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.79 Put	262,812	98.5117	107.5603	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.82 Put	2,100	107.6993	117.1685	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.85 Put	1,000	117.4365	127.3223	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	120.8045	130.8293	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.90 Put	720	134.9004	145.4737	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.95 Call	1,000	393.2301	382.8762	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Call	100	363.8395	354.1398	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Put	29,200	174.5395	186.4398	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.04 Put	7,100	192.1641	204.5717	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.20 Call	2,000	261.9348	255.9399	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.25 Call	750	241.4658	236.1062	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.28 Put	7,028	320.5739	337.1760	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	250	222.4259	217.6598	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Put	3,000	333.1259	349.9598	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.35 Put	139,342	365.4486	382.8312	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.44 Put	7,000	426.8421	445.1075	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.45 Put	1,000	433.9048	452.2607	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.46 Call	6,332	170.3137	167.1570	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	164.6660	161.6822	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Call	225,780	159.1975	156.3775	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Put	50	469.8975	488.6775	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	492.0167	511.0336	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.56 Put	138,000	514.5120	533.7511	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.65 Put	10,000	584.0969	603.9290	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.74 Put	24,325	656.5381	676.8588	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.80 Call	2,000	95.5411	94.5355	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.81 Put	135,043	714.6248	735.2618	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	723.0372	743.7146	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.83 Put	10,010	731.4769	752.1948	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.84 Put	134,750	739.9433	760.6997	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.00 Call	1,260	67.4003	67.1005	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	15.04 Put	63,500	913.4488	934.8576	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.10 Put	1,000	967.0651	988.6167	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.12 Put	99,824	985.0857	1006.6796	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.13 Put	7,100	994.1220	1015.7361	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	49.7382	49.8264	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.19 Put	41,300	1048.6938	1070.4160	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Put	2,500	1057.8446	1079.5831	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.22 Call	2,785	45.4926	45.6612	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.25 Call	1,500	43.1240	43.3352	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.32 Put	262,812	1168.7760	1190.6701	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.40 Call	2,000	33.0442	33.4093	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	30.2536	30.6528	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	29.7253	30.1304	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.50 Call	3,050	27.7075	28.1330	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	25.8324	26.2742	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.66 Call	139,342	20.4954	20.8880	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.81 Call	10	14.8724	15.1168	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.83 Call	135,043	14.2445	14.4721	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.89 Call	4,145	12.5098	12.6905	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.00 Call	1,906	9.8420	9.9515	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.13 Call	138,000	7.3935	7.4399	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.18 Call	1,800	6.6189	6.6464	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.30 Call	10,000	5.0685	5.0603	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.38 Call	134,750	4.2387	4.2135	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.58 Call	10,000	2.7045	2.6546	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.60 Call	50	2.5853	2.5340	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.96 Call	12,600	1.1457	1.0900	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.97 Call	63,500	1.1201	1.0646	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.02 Call	262,812	1.0002	0.9914	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.08 Call	7,028	0.9353	0.9894	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.09 Call	99,824	0.9355	0.9892	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.10 Call	2,500	0.9358	0.9890	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.23 Call	41,300	0.9410	0.9886	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.30 Call	10,125	0.9452	0.9899	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.50 Call	16,000	0.9625	0.9994	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.00 Call	14,200	1.0340	1.0538	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.40 Call	7,100	1.1167	1.1239	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	2.0345	2.3428	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	24.4751	26.6840	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.65 Put	1,050	42.7225	45.9106	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	49.4815	52.9831	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	72.7566	77.2782	0.0000	0.0000	0	0.00

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Jun 2019	ZAUS	13.00 Put	165,703	75.8058	80.4515	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	120.0463	126.2839	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.25 Put	4,582	122.2152	128.5212	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.30 Put	143,800	133.4729	140.1283	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.50 Call	10,000	1029.4590	1016.2557	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.60 Call	700	960.0344	947.5776	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	302.8770	314.3716	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.90 Call	100	776.8977	767.5189	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.98 Call	1,000	733.4099	724.5002	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.00 Call	11,000	722.8638	714.0660	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.00 Put	287,700	379.0638	391.5660	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.07 Put	39,589	413.1638	426.0502	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.20 Put	13,600	480.5949	494.1439	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.25 Put	1,282	507.9097	521.6983	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.30 Put	30,000	535.9748	549.9898	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.35 Call	1,050	558.5676	552.0115	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.42 Call	30	530.7127	524.5274	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	472.0705	466.6582	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.63 Put	8,203	741.3076	757.4192	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.65 Put	1,000	754.6958	770.8963	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	396.1334	391.7085	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.00 Call	17,500	347.5924	343.7847	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.10 Call	1,500	323.3803	319.8808	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.32 Call	1,980	276.2780	273.3861	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.50 Call	145,182	243.3599	240.8774	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.60 Call	143,800	226.9945	224.7125	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.64 Call	39,589	220.8015	218.5940	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	197.8953	195.4842	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.89 Call	6,800	185.3869	183.1362	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	181.4100	179.2094	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.00 Call	20	171.2539	169.1805	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.09 Call	6,800	160.5651	158.6246	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	17.96 Call	8,203	52.7822	51.8239	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	5.4343	6.0256	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.50 Put	1,000	66.4459	69.8462	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.15 Put	11,333	172.8861	178.6473	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.25 Put	3,900	198.2396	204.4103	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.65 Call	5,666	1185.1367	1172.7167	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.70 Put	2,000	342.0817	350.0553	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.77 Put	28,500	368.9564	377.7243	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.97 Put	800	457.2939	467.6819	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.00 Put	1,000	471.5584	482.0642	0.0000	0.0000	0	0.00

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Sep 2019	ZAUS	14.12 Put	177	530.9176	541.8678	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	14.21 Put	2,700	577.7873	589.0489	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	14.50 Call	14,000	753.3355	745.3013	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	14.65 Put	3,000	833.9635	846.6787	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.03 Call	177	568.8315	562.5616	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.38 Put	5,000	1343.1416	1358.1980	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.51 Call	28,500	444.5245	439.7135	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.56 Put	2,571	1482.0442	1497.5556	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.62 Put	21	1529.2869	1544.9398	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	372.2552	368.2429	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.23 Call	800	189.5826	187.2215	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.64 Call	5,000	161.3486	159.1526	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.85 Call	2,700	150.7246	148.5534	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.93 Call	2,571	146.9963	144.8332	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	18.47 Call	1,200	125.6716	123.5494	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	11.89 Put	1,000	22.1865	25.5290	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.66 Put	1,000	389.7845	398.3582	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.80 Put	500	444.1758	453.2146	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	14.07 Put	1,351	564.7694	576.2981	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.20 Call	500	476.5301	472.6401	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.85 Call	1,351	366.5758	363.7736	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.38 Call	1,000	299.1597	297.0177	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	121.3285	120.2920	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	11.91 Put	1,000	19.6911	22.8748	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	14.01 Put	1,000	587.5687	599.4651	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	17.73 Call	1,000	399.2290	397.2464	0.0000	0.0000	0	0.00		
			<u>5,002,898</u>					<u>0.00</u>	<u>0.00</u>	<u>65 505 177.00</u>	<u>0.00</u>
	Total		5,723,731					68,704.00	979,051,576.10	261 381 674.00	2 363 786 221 403.30
	Grand Total		7,679,778					271,009.00	1 019 265 682.30	357,859,765	3,279,690,449,153.13