



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 01-April-2019

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Apr 2019	DAEU	Future	4	15.9303	16.3032	0.0000	0.0000	0	0.00
Apr 2019	DAEU	Future	1	15.9663	16.3396	0.0000	0.0000	0	0.00
May 2019	DAEU	Future	2	16.0805	16.1540	0.0000	0.0000	2	32,308.00
			<u>7</u>					<u>2.00</u>	<u>32,308.00</u>
									<i>816 216.00</i>
									<i>12 205 897 911.20</i>
Option									
Feb 2020	DAEU	16.65 Call	21,000	1092.3979	1332.4205	0.0000	0.0000	0	0.00
Feb 2020	DAEU	16.91 Call	15,000	981.4237	1204.2562	0.0000	0.0000	0	0.00
Feb 2020	DAEU	17.00 Call	15,000	945.6606	1162.7454	0.0000	0.0000	0	0.00
Feb 2020	DAEU	17.07 Call	15,000	918.7392	1131.4378	0.0000	0.0000	0	0.00
			<u>66,000</u>					<u>0.00</u>	<u>0.00</u>
									<i>1 812 387.00</i>
									<i>0.00</i>
		Total	66,007					2.00	32,308.00
									<i>2 628 603.00</i>
									<i>12 205 897 911.20</i>
Future									
Apr 2019	DAGB	Future	43	18.6487	18.8530	0.0000	0.0000	15	280,341.00
Apr 2019	DAGB	Future	120	18.6837	18.8880	0.0000	0.0000	45	842,890.50
Apr 2019	DAGB	Future	27	18.6933	18.8976	0.0000	0.0000	0	0.00
May 2019	DAGB	Future	91	18.7949	18.9994	0.0000	0.0000	0	0.00
			<u>281</u>					<u>60.00</u>	<u>1,123,231.50</u>
									<i>67 157.00</i>
									<i>1 126 945 082.80</i>
		Total	281					60.00	1,123,231.50
									<i>274 470.00</i>
									<i>1 126 945 082.80</i>
Future									
Apr 2019	DAUS	Future	0	14.1931	14.4781	0.0000	0.0000	10,000	141,931,000.00
Apr 2019	DAUS	Future	55	14.1576	14.4798	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	30,000	14.1611	14.4833	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	2,025	14.1628	14.4851	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	1,830	14.1800	14.5024	0.0000	0.0000	66	941,589.00
Apr 2019	DAUS	Future	349	14.1989	14.5214	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	15	14.2041	14.5266	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	4,563	14.2058	14.5284	0.0000	0.0000	218	3,120,670.00
May 2019	DAUS	Future	303	14.2178	14.5405	0.0000	0.0000	0	0.00

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May 2019	DAUS	Future	25,000	14.2212	14.5440	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	93	14.2280	14.5509	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	2	14.2315	14.5544	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	387	14.2555	14.5787	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	452	14.2589	14.5822	0.0000	0.0000	56	801,192.00
Jun 2019	DAUS	Future	74	14.2658	14.5893	0.0000	0.0000	0	0.00
Jun 2019	DAUS	Future	2,421	14.3073	14.6315	0.0000	0.0000	0	0.00
Jul 2019	DAUS	Future	55	14.3125	14.6368	0.0000	0.0000	0	0.00
Jul 2019	DAUS	Future	1,029	14.3642	14.6899	0.0000	0.0000	0	0.00
Aug 2019	DAUS	Future	55	14.3659	14.6917	0.0000	0.0000	0	0.00
Aug 2019	DAUS	Future	2,229	14.4154	14.7431	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	55	14.4206	14.7485	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	74	14.4241	14.7522	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	3,617	14.4397	14.7684	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	98	14.4693	14.7991	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	55	14.4728	14.8028	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	153	14.5235	14.8560	0.0000	0.0000	0	0.00
Nov 2019	DAUS	Future	97	14.5747	14.9095	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	55	14.5800	14.9150	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	321	14.5835	14.9187	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	45	14.6311	14.9688	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	14.6347	14.9726	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	14.6873	15.0273	0.0000	0.0000	0	0.00
Feb 2020	DAUS	Future	3,500	14.7383	15.0810	0.0000	0.0000	0	0.00
Mar 2020	DAUS	Future	55	14.7438	15.0868	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	14.8016	15.1467	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	14.8542	15.2026	0.0000	0.0000	0	0.00
Jun 2020	DAUS	Future	1,055	14.9204	15.2730	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	15.0296	15.3870	0.0000	0.0000	0	0.00
			<u>164,337</u>					<u>10,340.00</u>	<u>146,794,451.00</u>
									<u>12 004 603.00</u>
									<u>149 519 320 022.90</u>
Option									
Apr 2019	DAUS	14.00 Call	30,000	192.8968	503.8897	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.68 Call	6,000	7.4365	72.1313	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.76 Put	100	13.1366	6.4611	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.35 Call	100	43.7297	231.6239	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.40 Put	35,000	272.3853	115.1392	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.40 Call	20,000	104.0273	275.9523	0.0000	0.0000	380	0.00
Apr 2019	DAUS	14.44 Call	60,000	93.5172	255.9988	0.0000	0.0000	4,000	0.00
Apr 2019	DAUS	14.45 Call	40,000	91.0454	251.1977	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Call	25,000	206.7497	425.3551	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.50 Call	50,000	107.8654	258.2141	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.55 Call	25,000	96.4481	236.9881	0.0000	0.0000	0	0.00

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Apr 2019	DAUS	13.00 Put	3,000	5.8991	4.0300	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	737.7392	1054.0702	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Put	250	238.7873	133.4658	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	267.8669	152.0582	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	74.5203	174.8942	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	15.9539	51.2230	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.96 Call	250	7.4493	29.2922	0.0000	0.0000	0	0.00
May 2019	DAUS	13.72 Call	50,000	587.5390	869.6174	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Call	50,000	296.8141	510.2641	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Call	61,000	332.3452	534.2336	0.0000	0.0000	0	0.00
May 2019	DAUS	15.25 Call	40,000	89.1625	169.3948	0.0000	0.0000	0	0.00
May 2019	DAUS	15.50 Call	21,000	64.0094	126.2336	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	18.8727	9.4218	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Put	250	350.1180	233.3569	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	377.0208	254.1580	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	161.7639	269.9562	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	65.4109	120.6226	0.0000	0.0000	0	0.00
May 2019	DAUS	16.15 Call	250	41.5254	83.1247	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.83 Put	45,000	202.7385	125.3771	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.06 Put	18,000	299.2444	196.4155	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.15 Put	18,000	343.0409	229.8710	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	18,000	395.5726	270.8287	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	40.4616	25.6227	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.02 Put	29,000	313.3453	210.3766	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.20 Put	250	401.2979	279.6229	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	250	427.8377	300.9578	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	205.8346	311.0529	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.33 Call	29,000	177.5134	271.3431	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.96 Call	250	99.3026	159.7076	0.0000	0.0000	0	0.00
Jun 2019	DAUS	16.32 Call	250	70.8673	117.8201	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.00 Put	500	67.0568	48.2167	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.20 Put	250	449.7870	329.1619	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.25 Put	250	476.1250	350.9254	0.0000	0.0000	0	0.00
Jul 2019	DAUS	15.34 Call	500	253.8365	359.9532	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.14 Call	250	139.1575	205.8969	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.50 Call	250	106.5059	159.7255	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.48 Put	3,147	623.5921	477.5092	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.35 Call	3,147	139.2938	202.2041	0.0000	0.0000	0	0.00
Aug 2019	DAUS	13.00 Put	500	90.8159	67.9584	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.20 Put	250	486.4675	367.0243	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.25 Put	250	512.6314	388.9995	0.0000	0.0000	0	0.00
Aug 2019	DAUS	15.52 Call	500	286.3752	391.4055	0.0000	0.0000	0	0.00

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Aug 2019	DAUS	16.33 Call	250	169.1298	238.2728	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.70 Call	250	133.8844	190.0961	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	19.00 Call	20,000	51.7855	76.9191	0.0000	0.0000	20,000	0.00		
Sep 2019	DAUS	13.00 Put	500	113.7361	85.6880	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.20 Put	250	516.8638	399.1519	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.25 Put	250	542.8239	421.2077	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	319.7921	424.8517	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.50 Call	250	199.3006	271.1340	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.89 Call	250	160.6158	219.5815	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	136.6082	100.8789	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.20 Put	250	547.2560	429.5012	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.25 Put	250	573.1330	451.7381	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	348.5981	453.4650	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	16.70 Call	250	226.5146	300.6349	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	17.09 Call	250	186.7069	248.8057	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	155.1145	112.4858	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.20 Put	250	571.2065	453.7915	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.25 Put	250	596.9995	476.1269	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	375.2694	480.7765	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.87 Call	250	251.1302	327.4704	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	17.26 Call	250	210.5190	275.4175	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	172.5562	125.0468	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.20 Put	250	594.3952	477.7478	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.25 Put	250	620.0487	500.1216	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	400.6267	507.6981	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.05 Call	250	277.2048	356.1449	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.44 Call	250	235.8947	303.9239	0.0000	0.0000	0	0.00		
			<u>719,494</u>					<u>24,380.00</u>	<u>0.00</u>	<u>24 463 692.00</u>	<u>0.00</u>
Total			883,831					34,720.00	146,794,451.00	36 468 295.00	149 519 320 022.90
Future											
Jun 2019	EUUS	Future	5	1.1291	1.1298	0.0000	0.0000	0	0.00		
Sep 2019	EUUS	Future	143	1.1379	1.1386	0.0000	0.0000	0	0.00		
			<u>148</u>					<u>0.00</u>	<u>0.00</u>	<u>746 137.00</u>	<u>8 464 558 774.00</u>
Total			148					0.00	0.00	746 137.00	8 464 558 774.00
Future											
Jun 2019	GBUS	Future	5	1.3190	1.3038	0.0000	0.0000	0	0.00		
			<u>5</u>					<u>0.00</u>	<u>0.00</u>	<u>176 170.00</u>	<u>2 268 656 737.00</u>
Total			5					0.00	0.00	176 170.00	2 268 656 737.00

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Jun 2019	ZAAD	Future	17,568	10.1874	10.3683	10.2226	10.2140	8	81,737.80		
Sep 2019	ZAAD	Future	1,731	10.3223	10.5069	0.0000	0.0000	0	0.00		
Dec 2019	ZAAD	Future	400	10.4517	10.6408	0.0000	0.0000	0	0.00		
			<u>19,699</u>					<u>8.00</u>	<u>81,737.80</u>	<u>3 871 805.00</u>	<u>33 957 964 515.60</u>
Option											
Dec 2019	ZAAD	11.00 Call	1,000	254.4005	331.0907	0.0000	0.0000	0	0.00		
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>34 377.00</u>	<u>0.00</u>
Total			20,699					8.00	81,737.80	3 906 182.00	33 957 964 515.60
Future											
Jun 2019	ZACA	Future	2,200	10.7228	10.9519	0.0000	0.0000	0	0.00		
Sep 2019	ZACA	Future	415	10.8671	11.1002	10.9850	10.9850	135	1,482,975.00		
			<u>2,615</u>					<u>135.00</u>	<u>1,482,975.00</u>	<u>156 698.00</u>	<u>1 560 598 600.10</u>
Total			2,615					135.00	1,482,975.00	156 698.00	1 560 598 600.10
Future											
Jun 2019	ZADK	Future	235	2.1612	2.2119	2.1890	2.1742	235	5,129,350.00		
			<u>235</u>					<u>235.00</u>	<u>5,129,350.00</u>	<u>14 310.00</u>	<u>309 200 039.00</u>
Total			235					235.00	5,129,350.00	14 310.00	309 200 039.00
Future											
Jun 2019	ZAEU	Future	120,663	16.1270	16.5034	16.3800	16.1284	1,209	19,692,006.50		
Sep 2019	ZAEU	Future	42,836	16.4372	16.8217	16.6833	16.6413	750	12,481,353.00		
Dec 2019	ZAEU	Future	32,686	16.7331	17.1281	0.0000	0.0000	0	0.00		
Mar 2020	ZAEU	Future	4,361	17.0570	17.4612	0.0000	0.0000	0	0.00		
			<u>200,546</u>					<u>1,959.00</u>	<u>32,173,359.50</u>	<u>16 673 776.00</u>	<u>241 881 294 353.00</u>
Option											
Jun 2019	ZAEU	15.35 Put	570	129.4652	68.5555	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	16.64 Call	300	269.9761	425.8971	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	16.73 Put	500	850.2235	620.0789	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	15.62 Put	14,429	293.5117	206.6893	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	15.85 Put	587	383.9688	273.0402	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	18.27 Call	14,429	226.9918	319.7191	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	18.60 Call	0	186.1451	267.3093	0.0000	0.0000	40,000	0.00		
Dec 2019	ZAEU	13.73 Put	17,150	39.5419	26.0647	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	14.09 Put	136,646	63.0864	43.4879	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	14.23 Put	61,500	74.9264	52.4588	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	15.70 Put	136,646	365.6059	275.9311	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	15.85 Put	61,500	419.0933	319.7599	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	16.15 Put	17,150	549.2425	420.4647	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	19.79 Call	136,646	223.3993	295.8848	0.0000	0.0000	0	0.00		

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Dec 2019	ZAEU	19.80 Call	61,500	222.5121	294.7346	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	20.62 Call	17,150	176.3481	218.8869	0.0000	0.0000	0	0.00	
			676,703					40,000.00	0.00	12 048 500.00
		Total	877,249					41,959.00	32,173,359.50	28 722 276.00 241 881 294 353.00
Future										
Jun 2019	ZAFR	Future	1,093	14.4123	14.7764	0.0000	0.0000	0	0.00	
Sep 2019	ZAFR	Future	300	14.7034	15.0761	0.0000	0.0000	0	0.00	
			1,393					0.00	0.00	632 802.00 6 844 538 485.90
		Total	1,393					0.00	0.00	632 802.00 6 844 538 485.90
Future										
Jun 2019	ZAGB	Future	119,484	18.8400	19.0449	18.9348	18.8164	5,674	107,081,540.50	
Sep 2019	ZAGB	Future	21,179	19.1380	19.3483	0.0000	0.0000	0	0.00	
Dec 2019	ZAGB	Future	12,845	19.4201	19.6378	19.5625	19.5625	1	19,562.50	
Mar 2020	ZAGB	Future	4,674	19.7296	19.9524	0.0000	0.0000	0	0.00	
			158,182					5,675.00	107,101,103.00	14 656 907.00 252 030 932 543.70
Option										
Jun 2019	ZAGB	18.00 Call	1,000	1063.4286	1238.1265	0.0000	0.0000	0	0.00	
Dec 2019	ZAGB	18.75 Put	500	702.2521	648.4299	0.0000	0.0000	0	0.00	
Dec 2019	ZAGB	22.13 Call	500	309.7330	370.2982	0.0000	0.0000	0	0.00	
			2,000					0.00	0.00	1 790 313.00 0.00
		Total	160,182					5,675.00	107,101,103.00	16 447 220.00 252 030 932 543.70
Future										
Jun 2019	ZAKS	Future	2,166	0.1400	0.1426	0.0000	0.0000	0	0.00	
			2,166					0.00	0.00	38 066.00 515 662 000.00
		Total	2,166					0.00	0.00	38 066.00 515 662 000.00
Future										
Sep 2019	ZANZ	Future	646	9.8858	10.0964	0.0000	0.0000	0	0.00	
			646					0.00	0.00	146 792.00 1 127 677 204.60
		Total	646					0.00	0.00	166 792.00 1 127 677 204.60
Future										
Jun 2019	ZATR	Future	3,646	2.4491	2.4202	0.0000	0.0000	0	0.00	
			3,646					0.00	0.00	556 277.00 1 668 453 313.10
		Total	3,646					0.00	0.00	556 277.00 1 668 453 313.10
Future										
Jun 2019	ZAUM	Future	480	14.2831	14.6068	14.4461	14.4417	10	14,443,900.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			480					10.00	14,443,900.00	156 733.00	182 206 810 940.00
		Total	480					10.00	14,443,900.00	161 256.00	182 206 810 940.00
Future											
Jun 2019	ZAUS	Future	857,286	14.2831	14.6068	14.5000	14.2880	86,561	1,245,407,019.80		
Sep 2019	ZAUS	Future	26,299	14.4449	14.7738	14.6348	14.4595	522	7,620,094.70		
Dec 2019	ZAUS	Future	22,753	14.5994	14.9354	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	Future	10,345	14.7699	15.1136	0.0000	0.0000	0	0.00		
Jun 2020	ZAUS	Future	700	14.9399	15.2937	0.0000	0.0000	0	0.00		
			977,383					87,083.00	1,253,027,114.50	202 249 207.00	2 455 678 108 887.70
Option											
Jun 2019	ZAUS	10.69 Put	1,000	0.4434	0.3116	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	7.5535	6.3856	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.65 Put	1,050	12.6180	10.7863	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.75 Put	1,000	14.5844	12.4679	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.92 Put	2,100	21.6483	16.0061	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.98 Put	911	26.4869	17.5013	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.00 Put	165,703	28.2734	18.0319	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.10 Put	14,000	38.6272	20.9612	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.22 Put	122,704	54.5495	28.2409	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.24 Put	30,000	57.6122	30.0349	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.25 Put	4,582	59.1891	30.9641	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.28 Put	122,704	64.1094	33.8833	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.30 Put	143,800	67.5486	35.9435	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.35 Put	4,317	76.7247	41.5094	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.50 Call	7,500	892.5904	1168.8972	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.60 Call	700	818.9732	1086.2222	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.60 Put	700	135.8732	79.4222	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.83 Put	25,000	211.2895	131.7125	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.90 Call	100	621.6152	858.1494	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.91 Put	1,000	242.5695	154.3320	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.98 Call	1,000	575.1976	803.0865	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.00 Call	23,500	564.0040	789.7057	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.00 Put	301,700	280.9040	182.9057	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.06 Put	2,100	308.3023	203.6875	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.07 Put	39,589	313.0084	207.2879	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.20 Put	13,600	377.8616	257.6353	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.25 Put	1,982	404.5786	278.7546	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.30 Put	30,000	432.2515	300.8433	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.35 Call	1,050	394.9946	580.6948	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.42 Call	30	368.0330	544.5653	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.44 Put	31,500	517.5469	367.7831	0.0000	0.0000	0	0.00		

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Jun 2019	ZAUS	14.58 Call	1,000	312.7302	468.8241	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.63 Put	8,203	644.0417	470.7135	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.65 Put	1,000	658.0172	482.5574	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.66 Call	122,704	288.1521	435.3310	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.72 Call	122,704	270.9623	411.8854	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.75 Call	1,000	262.7470	400.6118	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.78 Call	250	254.7805	389.6305	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	244.5325	375.4338	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.00 Call	17,500	203.3060	317.5051	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.10 Call	2,900	183.4191	289.2266	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.30 Call	14,000	149.4519	240.0644	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.32 Call	1,980	146.4375	235.6452	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.50 Call	146,182	122.0500	199.2666	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.58 Call	1,380	112.6447	185.0120	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.60 Call	143,800	110.4188	181.6200	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.64 Call	39,589	106.1060	175.0326	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.66 Call	122,704	104.0202	171.8348	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.73 Call	122,704	96.8042	161.1259	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	89.7884	151.1318	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.89 Call	6,800	81.5260	139.2580	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	78.9487	135.5294	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.00 Call	5,020	72.4809	126.1114	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.09 Call	6,800	65.8588	116.0326	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	17.96 Call	8,203	7.3703	17.1610	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	5.5641	4.6648	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.50 Put	1,000	51.4251	37.0748	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.87 Put	9,783	86.8070	65.2122	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.02 Put	17,287	106.8189	80.8173	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.15 Put	11,333	131.6729	96.7030	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.25 Put	3,900	153.4122	110.5691	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.65 Call	5,666	1060.1594	1320.3332	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.70 Put	2,000	282.1972	210.0807	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.77 Put	28,500	308.8412	230.0779	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.80 Put	14,000	320.7004	239.0233	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.90 Put	5,908	362.1197	270.4849	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.92 Put	2,149	370.7502	277.0834	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.97 Put	800	392.8345	294.0269	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.00 Put	1,000	406.4309	304.5053	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.12 Put	177	463.3669	350.6448	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.21 Put	2,700	508.7069	388.8285	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.30 Put	9,783	556.2552	429.2391	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.36 Put	111	589.1526	457.4064	0.0000	0.0000	0	0.00

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Sep 2019	ZAUS	14.46 Put	17,287	646.1782	506.4906	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.50 Call	14,000	615.0228	800.6647	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.50 Put	14,000	670.1228	526.8647	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.65 Put	3,000	763.4008	606.9325	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.70 Put	1,000	795.6726	634.8809	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.82 Put	1,000	875.3962	704.9550	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.85 Put	3,000	895.8124	723.1015	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.00 Call	750	445.5531	590.7046	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.03 Call	177	437.0521	580.0588	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.16 Call	111	402.1820	536.1322	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.38 Put	5,000	1285.6331	1075.6116	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.51 Call	28,500	323.5090	434.1657	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.56 Put	2,571	1428.8511	1207.7481	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.87 Call	1,000	260.2700	351.8244	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	16.66 Call	2,149	161.4636	223.7880	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	16.67 Call	14,000	160.5227	222.5183	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.12 Call	17,287	124.2209	173.2017	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.18 Call	9,783	120.1649	167.6447	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.23 Call	800	116.9064	163.1741	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.64 Call	5,000	98.8131	131.4410	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.85 Call	2,700	92.2378	120.1408	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.93 Call	2,571	89.9566	117.0502	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	18.47 Call	1,200	77.2033	99.7559	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	18.60 Call	0	74.7099	0.0000	0.0000	0.0000	80,000	0.00
Dec 2019	ZAUS	11.89 Put	1,000	25.5554	15.5409	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	12.87 Put	139,860	136.5845	96.7997	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	13.00 Put	49,600	162.8510	118.0879	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	13.03 Put	69,000	169.3801	123.4342	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	13.66 Put	1,000	347.8670	274.1965	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	13.80 Put	500	399.1702	317.5573	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	13.94 Put	139,860	457.8718	365.0638	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	14.00 Put	26,500	485.1544	386.7075	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	14.07 Put	1,351	518.0558	412.9347	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	14.08 Put	4,150	522.8533	416.7706	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	14.10 Put	52,300	532.5091	424.4983	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	14.11 Put	24,055	537.3766	428.3989	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	14.12 Put	69,000	542.2627	432.3165	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	14.41 Put	49,600	693.8722	562.2447	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	15.80 Call	250	446.2465	566.1697	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	16.13 Call	52,300	382.8510	488.3612	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	16.20 Call	50,100	370.3777	473.5113	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	16.25 Call	26,000	361.7538	463.2324	0.0000	0.0000	0	0.00

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Dec 2019	ZAUS	16.35 Call	4,150	345.2003	443.4645	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.37 Call	500	341.9982	439.6336	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.55 Call	24,055	314.6844	406.0625	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.85 Call	1,351	274.7110	355.5829	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.99 Call	69,000	258.1718	334.5715	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.02 Call	139,860	254.7882	330.2642	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.38 Call	1,000	218.1647	283.4329	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	85.7784	121.7857	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	11.91 Put	1,000	46.6008	40.7223	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	12.96 Put	277,778	204.1109	159.9137	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	13.06 Put	275,862	228.3677	179.8043	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	13.19 Put	272,897	262.6724	208.1269	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	13.78 Put	60,000	455.8056	373.5687	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	14.01 Put	1,000	549.0271	454.9328	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	14.40 Put	277,778	743.5401	617.1314	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	14.51 Put	275,862	804.1636	671.3041	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	14.66 Put	272,897	890.4293	748.8898	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	16.60 Call	277,778	463.7654	574.5179	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	16.81 Call	275,862	428.9595	532.2743	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	17.04 Call	272,897	394.5088	490.2532	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	17.73 Call	1,000	311.4661	386.7741	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	17.88 Call	60,000	301.6064	368.0925	0.0000	0.0000	0	0.00		
Jun 2020	ZAUS	11.90 Put	900	72.8109	60.1868	0.0000	0.0000	0	0.00		
Jun 2020	ZAUS	14.25 Put	900	729.9060	614.5719	0.0000	0.0000	0	0.00		
Jun 2020	ZAUS	17.26 Call	900	528.8816	637.4963	0.0000	0.0000	0	0.00		
			<u>5,891,892</u>					<u>80,000.00</u>	<u>0.00</u>	<u>71 642 816.00</u>	<u>0.00</u>
	Total		6,809,275					167,083.00	1,253,027,114.50	273 892 023.00	2 455 678 108 887.70
	Grand Total		8,828,858					249,887.00	1 561 389 530.30	374,376,697	3,405,313,038,747.42