



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 07-February-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Feb 2018	DAAD	Future	46	9.4189	9.4998	0.0000	0.0000	0	0.00
Mar 2018	DAAD	Future	4	9.4395	9.5208	0.0000	0.0000	0	0.00
			<u>50</u>					<i>0.00</i>	<i>0.00</i>
		Total	50					0.00	0.00
									<i>77 074.00</i>
									<i>730 365 560.80</i>
Future									
Feb 2018	DAEU	Future	44	14.7484	14.8666	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	337	14.7890	14.9078	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	14.8366	14.9560	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	14.8818	15.0018	0.0000	0.0000	0	0.00
Apr 2018	DAEU	Future	16	14.9829	15.1039	0.0000	0.0000	0	0.00
			<u>463</u>					<i>0.00</i>	<i>0.00</i>
									<i>788 925.00</i>
									<i>11 776 008 390.40</i>
Option									
Feb 2018	DAEU	16.41 Put	1,647	1624.8204	1507.7610	0.0000	0.0000	0	0.00
			<u>1,647</u>					<i>0.00</i>	<i>0.00</i>
		Total	2,110					0.00	0.00
									<i>946 787.00</i>
									<i>0.00</i>
Future									
Mar 2018	DAGB	Future	17	16.6935	16.7626	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	16.7375	16.8071	0.0000	0.0000	0	0.00
Apr 2018	DAGB	Future	9	16.8819	16.9524	0.0000	0.0000	0	0.00
			<u>64</u>					<i>0.00</i>	<i>0.00</i>
		Total	64					0.00	0.00
									<i>53 655.00</i>
									<i>880 282 013.10</i>
Future									
Feb 2018	DAUS	Future	1,346	11.9388	12.0318	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	11.9442	12.0390	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	200	11.9460	12.0408	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	19	11.9478	12.0426	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	4,771	11.9709	12.0661	0.0000	0.0000	5,000	59,684,000.00

<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>
Mar 2018	DAUS	Future	5,713	11.9975	12.0930	0.0000	0.0000	336	4,047,456.00
Mar 2018	DAUS	Future	30,000	12.0097	12.1054	0.0000	0.0000	30,000	361,286,070.00
Mar 2018	DAUS	Future	1,199	12.0220	12.1179	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	12.0668	12.1634	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	506	12.0771	12.1738	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.0958	12.1928	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.1295	12.2270	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	445	12.1784	12.2766	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.1835	12.2817	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.2138	12.3125	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.2206	12.3194	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.2223	12.3211	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,853	12.2324	12.3314	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.2542	12.3535	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,336	12.2836	12.3838	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	12.3293	12.4310	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.3734	12.4765	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.3799	12.4832	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.4043	12.5083	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	12.5519	12.6604	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	13.4970	13.6245	0.0000	0.0000	0	0.00
			<u>136,049</u>					<u>35,336.00</u>	<u>425,017,526.00</u>
									<u>7 638 468.00</u>
									<u>92 928 583 430.00</u>

Option

Feb 2018	DAUS	13.16 Put	1,880	1221.2085	1128.2208	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	1921.2041	1828.2097	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	0.0000	0.0560	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.75 Put	30,000	10.4631	7.1212	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.05 Call	20,000	23.7891	62.4357	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	1807.6171	1712.8423	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1957.6151	1862.8301	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.68 Put	100	22.3086	15.5910	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	1,260	62.5087	44.1324	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.91 Call	1,260	116.8315	188.1200	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.10 Call	100	44.7436	81.8332	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	2250.4156	2155.6240	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.00 Call	0	133.1472	0.0000	0.0000	0.0000	6,000	0.00
Feb 2018	DAUS	11.65 Put	100	50.8779	33.1580	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	340	121.6584	89.3521	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.96 Call	340	180.9119	236.0037	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.50 Call	3,450	42.9864	61.3487	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	1.0050	1.5048	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	2209.5680	2114.5870	0.0000	0.0000	0	0.00

<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>
Mar 2018	DAUS	13.40 Put	100,000	1429.1301	1336.5941	0.0000	0.0000	0	0.00
Mar 2018	DAUS	12.00 Call	20,000	254.5081	311.7388	0.0000	0.0000	33,000	0.00
Mar 2018	DAUS	13.00 Call	4,000	54.5671	69.9875	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2937.6276	2843.5500	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	1.4787	2.5104	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	163.9765	139.6373	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	332.1608	385.8129	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1762.7660	1675.4799	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	5.0806	7.0375	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	2.4539	3.5273	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	817.2774	749.9870	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1813.6040	1726.5371	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	3.1174	4.7324	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	826.7612	759.4904	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2424.6787	2332.8280	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	2.7286	4.1891	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	76,000	319.6306	281.2165	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1743.7266	1659.2405	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	7.7290	11.4437	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	3.1070	5.1016	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1729.1672	1646.5881	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	23.7049	26.7095	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	14.8224	17.6331	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	397.6432	355.1014	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	137.9132	156.9026	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	123.1236	140.2289	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	2070.5710	1984.8128	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2312.2670	2224.1823	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	36.8619	40.8233	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	31.3437	36.1110	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1714.6941	1633.5656	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	37.4915	41.9987	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	24.1423	28.5164	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	560.8939	509.8729	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1764.7097	1683.2400	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	31.3942	36.7403	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1704.5898	1624.6772	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	50.7022	56.3911	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	32.0386	36.7300	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1696.6516	1617.3211	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	59.0853	67.5650	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	37.8086	43.6800	0.0000	0.0000	0	0.00

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Oct 2018	DAUS	13.80 Put	1,000	1686.7116	1608.3776	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	66.9522	77.4310	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	44.2870	51.8226	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	376.9775	337.8861	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1735.0801	1656.0425	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	54.2439	63.0965	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1679.5395	1601.6557	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	74.1164	83.9132	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	48.3395	55.2482	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1554.3185	1477.0200	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	132.5886	143.5745	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1671.8468	1593.5341	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	79.4010	90.8710	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	51.6555	59.8010	0.0000	0.0000	0	0.00		
			<u>454,996</u>					<u>39,000.00</u>	<u>0.00</u>	<u>16 847 819.00</u>	<u>0.00</u>
Total			591,045					74,336.00	425,017,526.00	24 486 287.00	92 928 583 430.00
Future											
Mar 2018	EUUS	Future	2,548	1.2370	1.2371	0.0000	0.0000	0	0.00		
			<u>2,548</u>					<u>0.00</u>	<u>0.00</u>	<u>686 513.00</u>	<u>7 754 801 985.00</u>
Total			2,548					0.00	0.00	686 513.00	7 754 801 985.00
Option											
Jun 2018	JYZA	8.89 Put	1,200	3459.4704	3631.6200	0.0000	0.0000	0	0.00		
			<u>1,200</u>					<u>0.00</u>	<u>0.00</u>	<u>2 400.00</u>	<u>0.00</u>
Total			1,200					0.00	0.00	2 400.00	0.00
Future											
Mar 2018	ZAAD	Future	11,198	9.4450	9.5264	9.4568	9.4568	250	2,364,200.00		
Jun 2018	ZAAD	Future	5,799	9.5681	9.6514	9.5470	9.5470	5	47,735.00		
Sep 2018	ZAAD	Future	400	9.6920	9.7777	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	10,812	9.8101	9.8987	0.0000	0.0000	0	0.00		
			<u>28,209</u>					<u>255.00</u>	<u>2,411,935.00</u>	<u>3 530 919.00</u>	<u>30 519 613 122.60</u>
Total			28,209					255.00	2,411,935.00	3 563 296.00	30 519 613 122.60
Future											
Mar 2018	ZACA	Future	1,050	9.5937	9.6719	0.0000	0.0000	0	0.00		
Jun 2018	ZACA	Future	300	9.7280	9.8082	0.0000	0.0000	0	0.00		
			<u>1,350</u>					<u>0.00</u>	<u>0.00</u>	<u>126 303.00</u>	<u>1 243 300 322.10</u>
Total			1,350					0.00	0.00	126 303.00	1 243 300 322.10

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Future										
Mar 2018	ZAEU	Future	105,239	14.8495	14.9690	14.9000	14.8450	885	13,158,318.60	
Jun 2018	ZAEU	Future	14,322	15.1365	15.2596	0.0000	0.0000	1,356	20,572,011.60	
Sep 2018	ZAEU	Future	45,425	15.4295	15.5566	0.0000	0.0000	0	0.00	
Dec 2018	ZAEU	Future	2,962	15.7164	15.8497	0.0000	0.0000	0	0.00	
Mar 2019	ZAEU	Future	1,088	16.0138	16.1521	0.0000	0.0000	0	0.00	
			<u>169,036</u>					<u>2,241.00</u>	<u>33,730,330.20</u>	<u>13 779 320.00</u> <u>195 754 310 048.60</u>
Option										
Mar 2018	ZAEU	15.05 Put	5,648	408.9959	345.8554	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.10 Put	14,172	443.1921	377.0164	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.50 Call	643	15.6619	24.5485	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	17.00 Call	620	7.4754	11.6049	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	37.0985	33.1725	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	7,000	69.1271	60.3103	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	577.6354	516.9982	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	7,000	1479.2648	1384.9390	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	7,000	30.1108	36.7779	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	8.7566	10.4203	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	124,767	171.1992	153.5080	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	124,767	946.1242	875.0394	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.00 Put	21,525	1051.1135	976.1167	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	124,767	64.2301	82.0941	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	21.63 Call	21,525	14.4119	22.5276	0.0000	0.0000	0	0.00	
			<u>612,419</u>					<u>0.00</u>	<u>0.00</u>	<u>7 266 415.00</u> <u>0.00</u>
		Total	781,455					2,241.00	33,730,330.20	21 045 735.00 195 754 310 048.60
Future										
Mar 2018	ZAFR	Future	1,215	12.7930	12.9296	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>605 550.00</u> <u>6 459 053 543.50</u>
		Total	1,215					0.00	0.00	605 550.00 6 459 053 543.50
Future										
Mar 2018	ZAGB	Future	196,059	16.7503	16.8199	17.0000	16.6954	2,108	35,387,697.50	
Jun 2018	ZAGB	Future	10,315	17.0299	17.1018	17.0204	16.9876	2,250	38,249,650.00	
Sep 2018	ZAGB	Future	13,656	17.3079	17.3835	17.3562	17.2591	2,000	34,586,800.00	
Dec 2018	ZAGB	Future	895	17.5742	17.6550	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	948	17.8672	17.9516	0.0000	0.0000	0	0.00	
			<u>221,873</u>					<u>6,358.00</u>	<u>108,224,147.50</u>	<u>9 857 772.00</u> <u>165 010 327 401.90</u>
Option										
Mar 2018	ZAGB	17.00 Put	500	524.2466	495.5607	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	19.00 Call	1,500	16.6042	22.1161	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	20.14 Call	500	4.1367	5.5155	0.0000	0.0000	0	0.00	

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Jun 2018	ZAGB	17.50 Put	500	958.5183	923.6995	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	63.9874	71.9096	0.0000	0.0000	0	0.00
			3,500					0.00	0.00
		Total	225,373					6,358.00	108,224,147.50
									11 631 885.00
									165 010 327 401.90
Future									
Mar 2018	ZAJY	Future	5,608	0.1102	0.1108	0.0000	0.0000	0	0.00
			5,608					0.00	0.00
		Total	5,608					0.00	0.00
									958 953.00
									10 685 740 729.80
Future									
Jun 2018	ZAKS	Future	1,145	0.1163	0.1180	0.0000	0.0000	0	0.00
Sep 2018	ZAKS	Future	562	0.1148	0.1171	0.0000	0.0000	0	0.00
			1,707					0.00	0.00
		Total	1,707					0.00	0.00
									31 923.00
									432 652 210.00
Future									
Mar 2018	ZATR	Future	433	3.1413	3.1669	0.0000	0.0000	0	0.00
Jun 2018	ZATR	Future	4,015	3.0999	3.1240	0.0000	0.0000	0	0.00
			4,448					0.00	0.00
		Total	4,448					0.00	0.00
									242 204.00
									873 033 255.50
Future									
Mar 2018	ZAUM	Future	487	12.0045	12.1001	11.9557	11.9557	15	17,996,850.00
Jun 2018	ZAUM	Future	69	12.1599	12.2578	0.0000	0.0000	0	0.00
Sep 2018	ZAUM	Future	45	12.3113	12.4124	0.0000	0.0000	0	0.00
Dec 2018	ZAUM	Future	3	12.4540	12.5594	0.0000	0.0000	0	0.00
			604					15.00	17,996,850.00
		Total	604					15.00	17,996,850.00
									147 169.00
									169 332 537 850.00
Future									
Mar 2018	ZAUS	Future	791,260	12.0045	12.1001	12.0575	11.9549	217,161	2,605,606,328.20
Jun 2018	ZAUS	Future	181,537	12.1599	12.2578	12.1970	12.1049	400	4,851,833.50
Sep 2018	ZAUS	Future	7,530	12.3113	12.4124	0.0000	0.0000	25	308,645.00
Dec 2018	ZAUS	Future	11,500	12.4540	12.5594	0.0000	0.0000	0	0.00
			991,827					217,586.00	2,610,766,806.70
		Total	991,827					217,586.00	2,610,766,806.70
									165 864 594.00
									1 954 127 967 436.40
Option									
Mar 2018	ZAUS	11.50 Put	32,520	50.2590	39.2005	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	11.60 Put	750	74.0796	58.6559	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	11.80 Put	90,000	142.0159	115.8263	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	11.99 Put	83,000	232.7491	0.0000	0.0000	0.0000	166,000	0.00

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Mar 2018	ZAUS	12.00 Put	227,000	238.2158	199.7106	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.13 Put	5,460	317.7114	269.1776	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.20 Put	32,520	364.6980	312.0556	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.25 Put	3,750	399.8771	344.4305	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	481.5452	420.3545	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	512.5625	449.4361	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.47 Call	750	102.8518	132.1398	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	25,380	592.8062	525.2061	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.55 Call	2,000	88.7296	114.6889	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Call	11,000	66.6226	87.9715	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Put	2,000	762.1226	687.8715	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	868.2441	790.2887	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	977.2835	896.2094	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.95 Call	13,200	40.9824	55.2723	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Call	41,000	37.2078	50.3730	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	95,146	1032.7078	950.2730	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Call	1,000	25.3715	34.8280	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Put	1,073	1220.8715	1134.7280	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.21 Put	5,460	1230.2968	1144.0959	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	1239.7349	1153.4751	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	1268.1191	1181.6836	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	1334.7356	1247.6884	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.35 Call	2,000	17.9373	26.0333	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	1392.2225	1304.2827	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	1411.4567	1323.2381	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	35,000	12.6033	18.7221	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	1508.1033	1418.6221	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	98,694	1605.4324	1514.8859	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	8.6015	13.1004	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	7.8121	11.9729	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	1742.5932	1650.8397	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	6.7583	10.4560	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	6.2847	9.7691	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	1841.0664	1748.6210	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	1910.1941	1817.3357	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	4.4704	7.1039	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	1929.9704	1837.0039	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1949.7573	1856.6867	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1979.4563	1886.2365	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	3.7673	6.0530	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	3.5873	5.7819	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	2048.8330	1955.2974	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	14.07 Call	100	3.1734	5.1553	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	2.8068	4.5960	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	2158.0440	2064.0920	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	2177.9219	2083.9034	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	2.3056	3.8233	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	2217.6948	2123.5510	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	1.4021	2.3021	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	1.3959	2.1983	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	1.3928	2.1481	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	2486.8814	2391.8588	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	1.3787	1.9163	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	2496.8787	2401.8163	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	2516.8734	2421.8030	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	1.3684	1.8902	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	1.3614	1.8717	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	1.3548	1.8541	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	1.3291	1.7788	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	1.3168	1.7353	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	1.3135	1.7215	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	1.3129	1.7182	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	1.3080	1.6916	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	1.3059	1.6654	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	1.3091	1.6393	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	1.3229	1.6195	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	1.3268	1.6174	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	1.3347	1.6149	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	1.1021	1.6144	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	0.5561	0.9625	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	0.3873	0.6854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	40.0257	35.0689	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.20 Put	550	70.1679	58.4471	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	141.2641	120.9180	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	20,550	346.5493	307.0390	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	411.3037	367.4322	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Call	8,000	442.5365	495.8466	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	164,000	422.6365	378.0466	0.0000	0.0000	164,000	0.00
Jun 2018	ZAUS	12.15 Put	500	428.3576	383.4115	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.24 Call	500	402.4866	451.2034	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	488.7931	439.1429	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	520.3420	468.9300	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	585.9530	531.1382	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	550	314.6096	354.4679	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	12.50 Put	114,600	654.7096	596.6679	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	838.8129	773.5037	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	1004.5778	934.1961	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	28,358	1037.1670	965.8752	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	1078.3200	1005.9283	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1178.8391	1103.9819	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1204.3307	1128.8924	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	1221.4017	1145.5847	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	1290.2640	1212.9938	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1429.3763	1350.6397	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1446.9307	1368.0873	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1464.5346	1385.5811	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1589.0627	1507.9515	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1688.3682	1605.7282	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1733.8903	1650.6008	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1743.0212	1659.6053	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1761.3111	1677.6459	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1770.4682	1686.6799	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1825.5924	1741.0860	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	5,630	1918.0992	1832.4754	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	2011.3323	1924.6850	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2152.3830	2064.3624	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	48.7937	56.5542	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	41.2519	48.4769	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	37.4043	43.7938	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	31.1015	36.1213	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	27.9757	32.3209	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	27.1826	31.3576	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	25.1834	28.9293	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	23.3404	26.6949	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	20.6483	23.4360	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	19.3393	21.8549	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	18.8060	21.2112	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	14.8007	16.3983	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	9.1860	10.6871	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	6.8541	8.0025	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	6.5833	7.6899	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	5.9094	6.9116	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	5.6739	6.6393	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	4.7523	5.5722	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	3.2712	3.8515	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	2.9246	3.4475	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	17.21 Call	500	2.1735	2.5701	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.28 Call	5,630	1.9670	2.3283	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.38 Call	7,028	1.7042	2.0202	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	73,314	288.4919	255.5779	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	765.7135	706.7198	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	792.9246	732.9267	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	934.3842	869.6622	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Put	73,314	1241.6907	1168.7529	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	233.2933	256.9182	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	64.7450	70.0435	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	61.9307	68.1395	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	57.0488	64.4639	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.29 Call	73,314	50.3882	57.0693	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.96 Put	23,443	1025.1723	959.8343	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.89 Call	1,000	185.0342	201.6404	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.95 Call	2,000	123.8012	134.0022	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	17.24 Call	23,443	56.9656	64.7497	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	144.3275	159.7720	0.0000	0.0000	0	0.00		
			<u>2,742,454</u>					<u>330,000.00</u>	<u>0.00</u>	<u>45 010 607.00</u>	<u>0.00</u>
	Total		3,734,281					547,586.00	2,610,766,806.70	210 875 201.00	1 954 127 967 436.40
Grand Total			5,381,267					630,791.00	3 198 147 595.40	284,940,314	2,692,675,789,310.97