



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-February-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Feb 2018	DAAD	Future	46	9.4511	9.4189	0.0000	0.0000	0	0.00
Mar 2018	DAAD	Future	4	9.4709	9.4395	0.0000	0.0000	0	0.00
			<u>50</u>					<u>0.00</u>	<u>0.00</u>
		Total	50					0.00	0.00
									77 074.00
									730 365 560.80
Future									
Feb 2018	DAEU	Future	44	14.8277	14.7484	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	337	14.8688	14.7890	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	14.9153	14.8366	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	14.9612	14.8818	0.0000	0.0000	0	0.00
Apr 2018	DAEU	Future	16	15.0638	14.9829	0.0000	0.0000	0	0.00
			<u>463</u>					<u>0.00</u>	<u>0.00</u>
									788 925.00
									11 776 008 390.40
Option									
Feb 2018	DAEU	16.41 Put	1,647	1546.1588	1624.8204	0.0000	0.0000	0	0.00
			<u>1,647</u>					<u>0.00</u>	<u>0.00</u>
		Total	2,110					0.00	0.00
									946 787.00
									0.00
Future									
Mar 2018	DAGB	Future	17	16.9980	16.6935	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	17.0414	16.7375	0.0000	0.0000	0	0.00
Apr 2018	DAGB	Future	9	17.1891	16.8819	0.0000	0.0000	0	0.00
			<u>64</u>					<u>0.00</u>	<u>0.00</u>
		Total	64					0.00	0.00
									53 655.00
									880 282 013.10
Future									
Feb 2018	DAUS	Future	1,346	12.0709	11.9388	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	12.0673	11.9442	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	200	12.0695	11.9460	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	19	12.0716	11.9478	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	4,771	12.0956	11.9709	0.0000	0.0000	0	0.00

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Mar 2018	DAUS	Future	0	12.0990	11.9745	0.0000	0.0000	30,000	364,500,000.00		
Mar 2018	DAUS	Future	5,713	12.1215	11.9975	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	30,000	12.1339	12.0097	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	1,199	12.1462	12.0220	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	12.1915	12.0668	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	506	12.2018	12.0771	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.2208	12.0958	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.2549	12.1295	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	445	12.3042	12.1784	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.3093	12.1835	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.3399	12.2138	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.3467	12.2206	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.3484	12.2223	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	12.3587	12.2324	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.3808	12.2542	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,336	12.4108	12.2836	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.4574	12.3293	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.5024	12.3734	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.5090	12.3799	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.5340	12.4043	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.6842	12.5519	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.6307	13.4970	0.0000	0.0000	0	0.00		
			<u>136,049</u>					<u>30,000.00</u>	<u>364,500,000.00</u>	<u>7 668 468.00</u>	<u>93 293 083 430.00</u>

Option

Feb 2018	DAUS	11.75 Put	30,000	0.7715	10.4631	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.05 Call	20,000	52.8670	23.7891	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	1679.1131	1807.6171	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1829.1128	1957.6151	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.68 Put	100	8.6649	22.3086	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	1,260	26.6839	62.5087	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.91 Call	1,260	195.4514	116.8315	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.10 Call	100	76.4907	44.7436	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	2126.3220	2250.4156	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.65 Put	100	25.1823	50.8779	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	340	74.4490	121.6584	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.96 Call	340	247.3155	180.9119	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.50 Call	3,450	60.6568	42.9864	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	1.3997	1.0050	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	2085.0350	2209.5680	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	1305.4391	1429.1301	0.0000	0.0000	0	0.00
Mar 2018	DAUS	12.00 Call	20,000	317.0624	254.5081	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.00 Call	4,000	66.9967	54.5671	0.0000	0.0000	0	0.00

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Apr 2018	DAUS	15.00 Put	1,000	2814.5399	2937.6276	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	2.3502	1.4787	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	123.7569	163.9765	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	391.5071	332.1608	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1644.7644	1762.7660	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	6.4157	5.0806	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	3.2753	2.4539	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	721.0139	817.2774	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1695.7731	1813.6040	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	4.2613	3.1174	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	730.9903	826.7612	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2302.5174	2424.6787	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	4.1837	2.7286	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	76,000	261.4186	319.6306	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1629.2865	1743.7266	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	10.5861	7.7290	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	4.6337	3.1070	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1617.9618	1729.1672	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	25.7459	23.7049	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	16.9137	14.8224	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	338.3221	397.6432	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	156.5172	137.9132	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	139.5706	123.1236	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	1956.7336	2070.5710	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2195.7729	2312.2670	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	38.9182	36.8619	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	34.2028	31.3437	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1606.4041	1714.6941	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	41.2701	37.4915	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	27.9223	24.1423	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	492.3473	560.8939	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1656.1429	1764.7097	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	36.1059	31.3942	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1598.6160	1704.5898	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	55.3806	50.7022	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	35.8725	32.0386	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1592.3668	1696.6516	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	66.4816	59.0853	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	42.7577	37.8086	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1584.8603	1686.7116	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	76.4202	66.9522	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	50.9308	44.2870	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	11.90 Put	1,880	327.5125	376.9775	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	13.86 Put	1,880	1632.5442	1735.0801	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	16.81 Call	1,880	62.1328	54.2439	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	13.80 Put	1,000	1579.1805	1679.5395	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	16.70 Call	500	82.9910	74.1164	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	17.31 Call	500	54.4243	48.3395	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.65 Put	20,000	1455.7088	1554.3185	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	15.69 Call	20,000	141.5444	132.5886	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.80 Put	1,000	1572.3156	1671.8468	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	16.93 Call	500	90.0610	79.4010	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	17.58 Call	500	59.0585	51.6555	0.0000	0.0000	0	0.00	
			<u>449,356</u>					<u>0.00</u>	<u>0.00</u>	<u>16 847 819.00</u>
		Total	585,405					30,000.00	364,500,000.00	24 516 287.00
										93 293 083 430.00
Future										
Mar 2018	EUUS	Future	2,548	1.2309	1.2370	0.0000	0.0000	0	0.00	
			<u>2,548</u>					<u>0.00</u>	<u>0.00</u>	<u>686 513.00</u>
		Total	2,548					0.00	0.00	7 754 801 985.00
										686 513.00
										7 754 801 985.00
Option										
Jun 2018	JYZA	8.89 Put	1,200	3723.9596	3459.4704	0.0000	0.0000	0	0.00	
			<u>1,200</u>					<u>0.00</u>	<u>0.00</u>	<u>2 400.00</u>
		Total	1,200					0.00	0.00	2 400.00
										0.00
Future										
Mar 2018	ZAAD	Future	11,198	9.4764	9.4450	0.0000	0.0000	0	0.00	
Jun 2018	ZAAD	Future	5,799	9.6002	9.5681	0.0000	0.0000	0	0.00	
Sep 2018	ZAAD	Future	400	9.7259	9.6920	0.0000	0.0000	0	0.00	
Dec 2018	ZAAD	Future	10,812	9.8460	9.8101	0.0000	0.0000	0	0.00	
			<u>28,209</u>					<u>0.00</u>	<u>0.00</u>	<u>3 530 919.00</u>
		Total	28,209					0.00	0.00	30 519 613 122.60
										3 563 296.00
										30 519 613 122.60
Future										
Mar 2018	ZACA	Future	1,050	9.6523	9.5937	0.0000	0.0000	0	0.00	
Jun 2018	ZACA	Future	300	9.7886	9.7280	0.0000	0.0000	0	0.00	
			<u>1,350</u>					<u>0.00</u>	<u>0.00</u>	<u>126 303.00</u>
		Total	1,350					0.00	0.00	1 243 300 322.10
										126 303.00
										1 243 300 322.10
Future										
Mar 2018	ZAEU	Future	106,744	14.9285	14.8495	14.9581	14.8944	3,491	51,935,614.00	
Jun 2018	ZAEU	Future	15,002	15.2194	15.1365	0.0000	0.0000	1,360	20,520,496.00	

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Sep 2018	ZAEU	Future	45,425	15.5173	15.4295	0.0000	0.0000	1,360	20,527,296.00		
Dec 2018	ZAEU	Future	2,962	15.8103	15.7164	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	Future	1,088	16.1113	16.0138	0.0000	0.0000	0	0.00		
			<u>171,221</u>					<u>6,211.00</u>	<u>92,983,406.00</u>	<u>13 785 531.00</u>	<u>195 847 293 454.60</u>
Option											
Mar 2018	ZAEU	15.05 Put	5,648	357.8105	408.9959	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	14,172	390.0120	443.1921	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	16.8815	15.6619	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	7.9938	7.4754	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,995	30.6683	37.0985	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	58.2011	69.1271	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,995	528.6382	577.6354	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	1409.3938	1479.2648	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	32.2455	30.1108	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	50,995	9.1726	8.7566	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	124,767	153.7014	171.1992	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	124,767	889.8253	946.1242	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.00 Put	21,525	992.1159	1051.1135	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	124,767	70.7250	64.2301	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	21.63 Call	21,525	16.9646	14.4119	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		783,640					6,211.00	92,983,406.00	21 051 946.00	195 847 293 454.60
Future											
Mar 2018	ZAFR	Future	1,215	12.9386	12.7930	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	195,959	17.0546	16.7503	17.0424	16.9072	2,040	34,321,095.00		
Jun 2018	ZAGB	Future	10,315	17.3397	17.0299	17.3303	17.3303	1,450	24,710,255.00		
Sep 2018	ZAGB	Future	13,656	17.6232	17.3079	0.0000	0.0000	1,200	20,383,680.00		
Dec 2018	ZAGB	Future	895	17.8947	17.5742	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	Future	948	18.1924	17.8672	0.0000	0.0000	0	0.00		
			<u>221,773</u>					<u>4,690.00</u>	<u>79,415,030.00</u>	<u>9 862 462.00</u>	<u>165 089 742 431.90</u>
Option											
Mar 2018	ZAGB	17.00 Put	500	343.9409	524.2466	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	19.00 Call	1,500	24.7908	16.6042	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	20.14 Call	500	5.6307	4.1367	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	17.50 Put	500	768.3907	958.5183	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	20.40 Call	500	80.9725	63.9874	0.0000	0.0000	0	0.00		

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			3,500					0.00	0.00	1 774 113.00	0.00
		Total	225,273					4,690.00	79,415,030.00	11 636 575.00	165 089 742 431.90
Future											
	Mar 2018 ZAJY	Future	5,608	0.1110	0.1102	0.0000	0.0000	0	0.00		
			5,608					0.00	0.00	958 953.00	10 685 740 729.80
		Total	5,608					0.00	0.00	958 953.00	10 685 740 729.80
Future											
	Jun 2018 ZAKS	Future	1,145	0.1181	0.1163	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1166	0.1148	0.0000	0.0000	0	0.00		
			1,707					0.00	0.00	31 923.00	432 652 210.00
		Total	1,707					0.00	0.00	31 923.00	432 652 210.00
Future											
	Mar 2018 ZATR	Future	433	3.1470	3.1413	0.0000	0.0000	0	0.00		
	Jun 2018 ZATR	Future	4,015	3.1024	3.0999	0.0000	0.0000	0	0.00		
			4,448					0.00	0.00	242 204.00	873 033 255.50
		Total	4,448					0.00	0.00	242 204.00	873 033 255.50
Future											
	Mar 2018 ZAUM	Future	477	12.1286	12.0045	0.0000	0.0000	18	21,897,000.00		
	Jun 2018 ZAUM	Future	69	12.2855	12.1599	0.0000	0.0000	0	0.00		
	Sep 2018 ZAUM	Future	45	12.4391	12.3113	0.0000	0.0000	0	0.00		
	Dec 2018 ZAUM	Future	3	12.5846	12.4540	0.0000	0.0000	0	0.00		
			594					18.00	21,897,000.00	147 187.00	169 354 434 850.00
		Total	594					18.00	21,897,000.00	151 710.00	169 354 434 850.00
Future											
	Mar 2018 ZAUS	Future	799,686	12.1286	12.0045	12.2100	12.0917	55,485	673,164,976.10		
	Jun 2018 ZAUS	Future	182,317	12.2855	12.1599	12.3352	12.2572	2,791	34,160,503.00		
	Sep 2018 ZAUS	Future	37,613	12.4391	12.3113	12.4900	12.4721	64,038	798,247,260.80		
	Dec 2018 ZAUS	Future	18,500	12.5846	12.4540	0.0000	0.0000	14,000	177,100,000.00		
			1,038,116					136,314.00	1,682,672,739.90	166 000 908.00	1 955 810 640 176.30
Option											
	Mar 2018 ZAUS	11.50 Put	32,520	31.8845	50.2590	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	11.60 Put	750	46.0882	74.0796	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	11.80 Put	90,000	97.5360	142.0159	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	11.99 Put	83,000	171.8252	232.7491	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	12.00 Put	227,000	176.4444	238.2158	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	12.13 Put	5,460	242.7916	317.7114	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	ZAUS	12.20 Put	32,520	284.0719	364.6980	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.25 Put	3,750	315.6823	399.8771	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	390.2628	481.5452	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	418.9617	512.5625	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.47 Call	750	129.6165	102.8518	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	25,380	493.9922	592.8062	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.55 Call	2,000	111.7066	88.7296	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Call	11,000	84.5116	66.6226	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Put	2,000	655.9116	762.1226	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	758.5390	868.2441	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	864.4224	977.2835	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.95 Call	13,200	51.9895	40.9824	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Call	41,000	47.1201	37.2078	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	95,146	918.5201	1032.7078	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Call	1,000	31.8438	25.3715	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Put	1,073	1103.2438	1220.8715	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.21 Put	5,460	1112.6294	1230.2968	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	1122.0266	1239.7349	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	1150.2913	1268.1191	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	1216.6270	1334.7356	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.35 Call	2,000	23.8082	17.9373	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	1273.6399	1392.2225	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	1292.6475	1411.4567	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	35,000	16.8866	12.6033	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	1388.2866	1508.1033	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	98,694	1484.7912	1605.4324	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	11.6405	8.6015	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	10.5989	7.8121	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	1621.0479	1742.5932	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	9.2041	6.7583	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	8.5755	6.2847	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	1719.0197	1841.0664	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	1787.8548	1910.1941	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	6.1553	4.4704	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	1807.5553	1929.9704	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1827.2695	1949.7573	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1856.8652	1979.4563	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	5.2110	3.7673	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	4.9685	3.5873	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	1926.0256	2048.8330	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	4.4100	3.1734	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	3.9137	2.8068	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	14.16 Put	750	2034.9569	2158.0440	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	2054.7908	2177.9219	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	3.2324	2.3056	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	2094.4814	2217.6948	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	1.9094	1.4021	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	1.8201	1.3959	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	1.7771	1.3928	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	2363.0150	2486.8814	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	1.5769	1.3787	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	2372.9769	2496.8787	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	2392.9033	2516.8734	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	1.4331	1.3684	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	1.3341	1.3614	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	1.2435	1.3548	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	1.2215	1.3291	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	1.2118	1.3168	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	1.2094	1.3135	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	1.2089	1.3129	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	1.2060	1.3080	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	1.2060	1.3059	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	1.2119	1.3091	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	1.2289	1.3229	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	1.2334	1.3268	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	1.2423	1.3347	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	1.2599	1.1021	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	0.8318	0.5561	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	0.5859	0.3873	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	60,750	30.1782	40.0257	0.0000	0.0000	120,000	0.00
Jun 2018	ZAUS	11.20 Put	550	51.4654	70.1679	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	110.2663	141.2641	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.75 Put	60,000	185.6738	0.0000	0.0000	0.0000	60,000	0.00
Jun 2018	ZAUS	12.00 Put	20,550	289.4789	346.5493	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	348.5391	411.3037	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Call	8,000	504.4440	442.5365	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	164,000	358.9440	422.6365	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	364.2055	428.3576	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.24 Call	500	458.8046	402.4866	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	418.9501	488.7931	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	447.7330	520.3420	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	508.8673	585.9530	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	550	358.9209	314.6096	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	573.4209	654.7096	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	12.75 Put	66	748.2305	838.8129	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	907.6608	1004.5778	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	28,358	939.0925	1037.1670	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	978.8524	1078.3200	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1076.2775	1178.8391	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1101.0458	1204.3307	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	1117.6475	1221.4017	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	1184.7166	1290.2640	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	162.6503	0.0000	0.0000	0.0000	120,000	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1321.7940	1429.3763	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1339.1827	1446.9307	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1356.6216	1464.5346	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1479.1799	1589.0627	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1576.7390	1688.3682	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1621.5290	1733.8903	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1630.5192	1743.0212	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1648.5283	1761.3111	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1657.5471	1770.4682	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1711.8717	1825.5924	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	5,630	1803.1476	1918.0992	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1895.2677	2011.3323	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2034.8530	2152.3830	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	54.6747	48.7937	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	46.6885	41.2519	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	42.2121	37.4043	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	34.2042	31.1015	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	30.2690	27.9757	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	29.2753	27.1826	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	26.7802	25.1834	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	24.4960	23.3404	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	21.1881	20.6483	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	19.5946	19.3393	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	18.9493	18.8060	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	14.1730	14.8007	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	9.0252	9.1860	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	6.6644	6.8541	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	6.3917	6.5833	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	5.7149	5.9094	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	5.4790	5.6739	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	4.5589	4.7523	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	3.0938	3.2712	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	2.7540	2.9246	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	17.21 Call	500	2.0229	2.1735	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	1.8234	1.9670	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	1.5707	1.7042	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	245.2097	288.4919	0.0000	0.0000	73,314	0.00
Sep 2018	ZAUS	12.61 Put	5,300	688.1936	765.7135	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	714.0809	792.9246	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	849.3187	934.3842	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1145.5968	1241.6907	0.0000	0.0000	146,628	0.00
Sep 2018	ZAUS	13.65 Call	1,464	258.3170	233.2933	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	67.3405	64.7450	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	65.3915	61.9307	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	62.7567	57.0488	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	56.8987	50.3882	0.0000	0.0000	73,314	0.00
Dec 2018	ZAUS	12.96 Put	23,443	942.6309	1025.1723	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	202.0153	185.0342	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	131.6111	123.8012	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.24 Call	23,443	65.2752	56.9656	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	156.1407	144.3275	0.0000	0.0000	0	0.00
			<u>2,922,454</u>					<u>593,256.00</u>	<u>0.00</u>
		Total	3,960,570					729,570.00	1,682,672,739.90
									211 604 771.00
									1 955 810 640 176.30
		Grand Total	5,603,991					770,489.00	2 241 468 175.90
									285,710,803
									2,694,917,257,486.87