



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 01-November-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Nov 2017	DAEU	Future	21	16.3884	16.5432	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	16.4409	16.5919	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	16.5559	16.7043	0.0000	0.0000	0	0.00
			<u>1,621</u>					<u>0.00</u>	<u>0.00</u>
									<u>247 763.00</u>
									<u>3 573 969 135.30</u>
Option									
Jan 2018	DAEU	15.80 Put	193,000	205.0169	172.0037	0.0000	0.0000	0	0.00
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>
									<u>517 422.00</u>
									<u>0.00</u>
		Total	194,621					0.00	0.00
									765 185.00
									3 573 969 135.30
Future									
Dec 2017	DAGB	Future	8	18.8185	18.9350	0.0000	0.0000	0	0.00
Jan 2018	DAGB	Future	10	18.9933	19.1128	0.0000	0.0000	0	0.00
			<u>18</u>					<u>0.00</u>	<u>0.00</u>
									<u>53 488.00</u>
		Total	18					0.00	0.00
									245 601.00
									877 294 267.50
Future									
Nov 2017	DAUS	Future	80,000	14.0695	14.1827	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	14.0792	14.2001	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	300	14.0874	14.2074	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,630	14.0901	14.2098	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	14.1199	14.2367	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	14.1253	14.2416	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	24	14.1361	14.2514	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	241	14.1596	14.2753	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,777	14.1619	14.2777	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	14.1901	14.3064	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.2089	14.3255	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	500	14.2226	14.3396	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.2272	14.3443	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.2410	14.3583	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>
Jan 2018	DAUS	Future	70	14.2571	14.3748	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	1,564	14.2709	14.3889	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	14.3005	14.4191	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	14.4598	14.5816	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	14.4985	14.6210	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	14.6168	14.7415	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	14.6577	14.7833	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	14.6691	14.7949	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	14.7128	14.8393	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	14.8820	15.0109	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	14.9274	15.0569	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	15.1561	15.2844	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	16.5525	16.6991	0.0000	0.0000	0	0.00
			<u>178,973</u>					<u>0.00</u>	<u>0.00</u>
									<u>6 830 690.00</u>
									<u>82 649 192 922.00</u>

Option

Nov 2017	DAUS	13.35 Put	20,000	0.3604	1.2532	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.55 Put	20,000	1.9957	4.0906	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.80 Put	20,000	14.4524	15.9079	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.70 Call	40,000	390.1867	497.8558	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.70 Put	40,000	20.6867	15.1558	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	48.0531	38.7154	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	1.5077	1.6520	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	6.1344	4.7679	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	129.4328	116.7889	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	7.1741	9.0021	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	93.4050	82.5000	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	278.9637	328.7724	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	248.2849	294.2135	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	128.1808	108.8109	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	132.5759	112.6904	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	139.3706	118.6971	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	163.8135	140.4004	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	42.0334	37.1753	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	89.2601	74.7473	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	108.9310	91.9288	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	240.6943	273.7441	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	187.8644	214.4569	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	150.1368	172.5241	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	139.0293	160.3421	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1051.2069	981.2546	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	321.5380	355.9180	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	500	379.8171	345.0808	0.0000	0.0000	0	0.00

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Apr 2018	DAUS	15.66 Call	500	360.5078	398.4377	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	500	403.3954	368.9421	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	384.7342	422.0313	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	500	424.8913	389.9757	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	406.7039	443.9543	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	500	444.6214	409.3010	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	428.5934	467.1553	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	500	462.8418	427.4868	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	443.9132	481.2678	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	500	477.5374	441.6916	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	456.0038	492.3112	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	500	493.1124	455.9561	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	478.4333	514.4228	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	500	509.2690	472.2223	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	494.5858	530.2368	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	500	523.0005	485.8560	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	514.9645	549.8750	0.0000	0.0000	0	0.00
			<u>872,088</u>					0.00	0.00
		Total	1,051,061					0.00	0.00
								14 366 149.00	0.00
								21 196 839.00	82 649 192 922.00
Future									
Dec 2017	EUUS	Future	126	1.1660	1.1669	0.0000	0.0000	0	0.00
			<u>126</u>					0.00	0.00
		Total	126					0.00	0.00
								648 684.00	7 288 346 463.00
Future									
Dec 2017	ZAAD	Future	16,036	10.8821	10.9182	0.0000	0.0000	0	0.00
Mar 2018	ZAAD	Future	650	11.0359	11.0740	11.1001	11.1001	100	1,110,010.00
Jun 2018	ZAAD	Future	1,899	11.1896	11.2301	0.0000	0.0000	0	0.00
			<u>18,585</u>					100.00	1,110,010.00
		Total	18,585					100.00	1,110,010.00
								3 388 739.00	29 017 490 775.40
Future									
Dec 2017	ZACA	Future	350	10.9982	11.0914	0.0000	0.0000	0	0.00
			<u>350</u>					0.00	0.00
		Total	350					0.00	0.00
								101 203.00	970 046 312.10
Future									
Dec 2017	ZAEU	Future	99,870	16.5212	16.6691	16.6500	16.5088	1,137	18,904,715.70
Mar 2018	ZAEU	Future	13,524	16.8586	17.0119	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	Future	510	17.2004	17.3595	0.0000	0.0000	0	0.00

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	Sep 2018	ZAEU	Future	4,679	17.5530	17.7163	0.0000	0.0000	0	0.00
				<u>118,583</u>					<u>1,137.00</u>	<u>18,904,715.70</u>
									<u>12 726 135.00</u>	<u>179 165 269 656.60</u>
Option										
	Dec 2017	ZAEU	14.00 Put	18,000	5.2716	6.0237	0.0000	0.0000	0	0.00
	Dec 2017	ZAEU	16.39 Call	18,000	485.2383	581.6301	0.0000	0.0000	0	0.00
	Mar 2018	ZAEU	15.05 Put	5,648	98.3052	86.2856	0.0000	0.0000	0	0.00
	Mar 2018	ZAEU	15.10 Put	19,510	103.7483	90.9839	0.0000	0.0000	0	0.00
	Mar 2018	ZAEU	16.50 Call	643	879.3824	968.9181	0.0000	0.0000	0	0.00
	Mar 2018	ZAEU	17.00 Call	620	649.0374	719.7223	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	13.75 Put	54,617	26.6665	27.3835	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	15.25 Put	54,617	178.8952	156.7026	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	20.55 Call	54,617	204.8197	226.8415	0.0000	0.0000	0	0.00
				<u>226,272</u>					<u>0.00</u>	<u>0.00</u>
			Total	344,855					1,137.00	18,904,715.70
									<u>18 310 057.00</u>	<u>179 165 269 656.60</u>
Future										
	Dec 2017	ZAFR	Future	1,502	14.2015	14.3665	0.0000	0.0000	0	0.00
				<u>1,502</u>					<u>0.00</u>	<u>0.00</u>
			Total	1,502					0.00	0.00
									<u>598 103.00</u>	<u>6 357 013 656.60</u>
Future										
	Dec 2017	ZAGB	Future	203,705	18.8301	18.9467	19.0023	18.8149	582	11,047,147.90
	Mar 2018	ZAGB	Future	1,691	19.1629	19.2853	0.0000	0.0000	0	0.00
	Jun 2018	ZAGB	Future	3,383	19.4928	19.6217	0.0000	0.0000	0	0.00
	Sep 2018	ZAGB	Future	3,565	19.8269	19.9616	0.0000	0.0000	0	0.00
				<u>212,344</u>					<u>582.00</u>	<u>11,047,147.90</u>
										<u>9 208 986.00</u>
Option										
	Dec 2017	ZAGB	18.20 Call	400	853.6770	946.6102	0.0000	0.0000	0	0.00
	Dec 2017	ZAGB	19.80 Call	800	193.2251	229.1852	0.0000	0.0000	0	0.00
	Mar 2018	ZAGB	17.00 Put	500	139.4137	130.0399	0.0000	0.0000	0	0.00
	Mar 2018	ZAGB	20.14 Call	500	511.0634	560.6309	0.0000	0.0000	0	0.00
				<u>2,200</u>					<u>0.00</u>	<u>0.00</u>
			Total	214,544					582.00	11,047,147.90
									<u>10 978 999.00</u>	<u>153 287 324 139.40</u>
Future										
	Dec 2017	ZAJY	Future	225	0.1245	0.1262	0.0000	0.0000	0	0.00
				<u>225</u>					<u>0.00</u>	<u>0.00</u>
			Total	225					0.00	0.00
									<u>952 800.00</u>	<u>10 617 056 977.80</u>
Future										
	Jun 2018	ZAKS	Future	1,145	0.1336	0.1355	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
			1,145					0.00	0.00	30 799.00	417 691 770.00
		Total	1,145					0.00	0.00	30 799.00	417 691 770.00
Future											
	Dec 2017 ZATR	Future	4,775	3.6607	3.6997	0.0000	0.0000	0	0.00		
			4,775					0.00	0.00	232 443.00	840 432 591.50
		Total	4,775					0.00	0.00	232 443.00	840 432 591.50
Future											
	Dec 2017 ZAUM	Future	987	14.1690	14.2849	14.2724	14.2113	299	422,636,040.00		
	Mar 2018 ZAUM	Future	28	14.3779	14.4980	14.4925	14.4925	1	1,449,250.00		
	Jun 2018 ZAUM	Future	9	14.5849	14.7091	0.0000	0.0000	0	0.00		
			1,024					300.00	424,085,290.00	143 807.00	164 889 021 770.00
		Total	1,024					300.00	424,085,290.00	148 330.00	164 889 021 770.00
Future											
	Dec 2017 ZAUS	Future	1,008,891	14.1690	14.2849	14.2800	14.1533	47,136	670,753,908.60		
	Mar 2018 ZAUS	Future	174,602	14.3779	14.4980	14.4896	14.3700	11,791	170,458,329.60		
	Jun 2018 ZAUS	Future	109,751	14.5849	14.7091	14.6393	14.6393	18	263,507.40		
	Sep 2018 ZAUS	Future	2,767	14.7939	14.9216	0.0000	0.0000	0	0.00		
	Sep 2020 ZAUS	Future	184,000	16.6856	16.8361	0.0000	0.0000	0	0.00		
			1,480,011					58,945.00	841,475,745.60	157 444 840.00	1 842 116 954 462.20
Option											
	Dec 2017 ZAUS	11.75 Put	1,000	3.4979	3.9004	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.00 Put	20,141	4.6978	5.4118	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.16 Put	550	5.7160	6.7082	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.20 Put	4,000	6.0094	7.0830	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.21 Put	18,000	6.0855	7.1804	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.40 Put	114,600	7.7727	9.3403	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.50 Put	16,416	8.8818	10.7594	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.56 Put	7,100	9.6382	11.7255	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.65 Put	1,819	10.9228	13.3605	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.75 Put	10,000	12.5992	15.4831	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.76 Put	550	13.0689	15.7154	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.00 Put	10,000	30.0951	28.5468	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.10 Put	41,000	40.9398	37.9784	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.12 Put	40,000	43.4271	40.1279	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.15 Put	2,600	47.3701	43.5288	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.18 Put	16,000	51.5770	47.1499	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.20 Call	7,000	1023.5333	1134.5894	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.20 Put	6,728	54.5333	49.6894	0.0000	0.0000	0	0.00		

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Dec 2017	ZAUS	13.21 Put	5,000	56.0575	50.9980	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.22 Put	7,100	57.6130	52.3328	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	981.4728	1091.3979	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	80.8549	72.2167	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	91.3757	81.2024	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	784.1835	886.5020	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	711.8885	810.3641	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	604.9194	697.9842	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Put	3,000	195.9194	173.0842	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Put	550	210.9034	186.6061	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	503.4484	590.0422	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	465.3525	549.1075	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	296.3525	264.2075	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.27 Put	40,000	441.7366	395.4313	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	292.8389	355.8907	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,000	260.2060	318.7808	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	591.2060	533.8808	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	222.7754	275.7492	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	160.5271	203.0423	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	141.8160	181.0806	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	123.6844	159.1854	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	122.1537	157.3251	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	76.0917	100.4804	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	66.6075	89.2905	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	37.3314	53.0086	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	7.8182	10.2873	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	7.4446	9.5678	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	5.6684	7.1041	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	27.7793	23.9536	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	47.9353	42.1632	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	50.8127	44.7810	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	58.6673	51.9439	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	64.7670	57.5217	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	106.7653	96.1596	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	117.2026	104.1058	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	163.5561	144.2018	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	170.7509	150.6954	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	204.4731	181.2423	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	210.0386	186.2985	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	1117.2998	1211.0373	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,000	239.3998	213.0373	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	271.3774	242.2776	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	13.74 Put	20,880	321.6152	287.5351	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	947.4869	1032.4176	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	393.0423	352.2582	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	458.0439	412.8786	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	523.2970	474.0626	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	601.5848	663.7120	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	697.8462	638.3093	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	703.9463	644.0224	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	20,880	492.0172	545.0976	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	456.8903	507.0217	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	444.7376	493.8254	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	441.7491	490.5818	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	429.9965	477.8052	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	415.7468	462.2978	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	386.0707	429.9202	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	349.3794	389.4404	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	306.0639	341.8950	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	298.1062	333.1409	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	253.1804	283.5943	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	214.1579	241.4640	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	192.0240	216.9164	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	11.4523	11.4515	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	32,782	15.9161	15.6339	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	34.4525	30.8804	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	71.5659	64.0026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	32,782	123.3767	110.5473	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	164.9480	148.1417	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	13,658	173.8387	156.2070	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	185.4082	166.7178	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	215.1152	193.9139	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	228.0241	206.0869	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	50	249.7500	226.3155	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	297.2375	270.2693	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	303.5572	276.1358	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	357.2364	326.0661	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.70 Put	184,000	378.8088	346.1908	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	428.2722	392.4484	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	432.2294	396.1590	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	6,130	502.8318	459.8760	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	550.1286	504.5933	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	760.9801	824.1175	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	723.4428	784.2428	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.11 Call	760	621.6401	675.7597	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	612.3034	665.7826	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	529.6326	576.8408	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	504.3201	549.5416	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	371.5986	407.6911	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	332.8446	365.7631	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.41 Call	300	327.9071	360.4173	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	315.1337	346.5677	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	32,782	310.4865	341.5265	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.00 Call	500	245.5759	270.9415	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.21 Call	500	222.1054	245.3297	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.28 Call	5,630	214.8599	237.4142	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.38 Call	7,028	204.9773	226.6064	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	16.8580	19.2467	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	114.2564	104.3323	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	122.1754	111.3425	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	167.1297	151.1653	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1559.6848	1654.3575	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.73 Put	2,500	444.9632	410.2519	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	602.6561	648.1730	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	586.4182	630.8751	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	564.1042	607.0897	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	17.02 Call	2,500	399.3627	432.1722	0.0000	0.0000	0	0.00		
			<u>2,523,267</u>					<u>0.00</u>	<u>0.00</u>	<u>39 112 163.00</u>	<u>0.00</u>
	Total		4,003,278					58,945.00	841,475,745.60	196 557 003.00	1 842 116 954 462.20
	Grand Total		5,836,109					61,064.00	1 296 622 909.20	262,711,619	2,526,805,162,075.40