



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 02-November-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Dec 2016	CAGZ	Future	20,000	825.9244	702.1007	0.0000	0.0000	0	0.00		
			20,000					0.00	0.00	20,000.00	7,214,600.00
		<b>Total</b>	<b>20,000</b>					<b>0.00</b>	<b>0.00</b>	20,000.00	7,214,600.00
<b>Future</b>											
Nov 2016	DACR	Future	435	1.9926	2.0088	0.0000	0.0000	0	0.00		
			435					0.00	0.00	435.00	9,090,195.00
		<b>Total</b>	<b>435</b>					<b>0.00</b>	<b>0.00</b>	435.00	9,090,195.00
<b>Future</b>											
Nov 2016	DAEU	Future	34	14.9972	15.0513	0.0000	0.0000	0	0.00		
Nov 2016	DAEU	Future	500	15.0074	15.0617	0.0000	0.0000	0	0.00		
			534					0.00	0.00	105,113.00	1,333,859,044.80
		<b>Total</b>	<b>534</b>					<b>0.00</b>	<b>0.00</b>	394,713.00	1,333,859,044.80
<b>Future</b>											
Dec 2016	DAGB	Future	35	16.6228	16.6895	0.0000	0.0000	0	0.00		
Dec 2016	DAGB	Future	14	16.6761	16.7429	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	2	16.8496	16.8638	0.0000	0.0000	2	33,727.60		
Apr 2017	DAGB	Future	73	17.1522	17.2238	0.0000	0.0000	0	0.00		
			124					2.00	33,727.60	50,934.00	833,924,785.80
		<b>Total</b>	<b>124</b>					<b>2.00</b>	<b>33,727.60</b>	242,047.00	833,924,785.80
<b>Future</b>											
Nov 2016	DAUS	Future	0	13.3450	13.5684	0.0000	0.0000	10,700	142,791,500.00		
Nov 2016	DAUS	Future	288	13.4433	13.5764	0.0000	0.0000	17	229,117.50		
Nov 2016	DAUS	Future	700	13.4509	13.5843	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	2,120	13.4637	13.5979	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	1,000	13.4665	13.6006	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	6,970	13.4994	13.6332	0.0000	0.0000	920	12,402,704.00		

<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>		
Dec 2016	DAUS	Future	250	13.5406	13.6750	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	13.5434	13.6778	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	94	13.5462	13.6807	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	720	13.5627	13.6978	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	790	13.5848	13.7206	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,000	13.6014	13.7374	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	13.6505	13.7873	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	74	13.6712	13.8084	0.0000	0.0000	57	781,698.00		
Apr 2017	DAUS	Future	70	13.8826	14.0221	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.1237	14.2670	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.3722	14.5179	0.0000	0.0000	0	0.00		
			<u>15,801</u>					<u>11,694.00</u>	<u>156,205,019.50</u>	<u>4,470,143.00</u>	<u>50,024,963,614.10</u>

Option

Nov 2016	DAUS	14.95 Put	8,695	1508.2435	1375.2548	0.0000	0.0000	0	0.00
Nov 2016	DAUS	16.36 Call	8,695	0.1037	0.0428	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.60 Call	20,000	119.5062	167.6631	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.75 Call	10,000	78.0251	110.7751	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.80 Call	50,000	67.3388	95.7840	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.00 Call	20,000	36.6074	51.9118	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.10 Call	10,000	26.7370	37.6217	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.15 Call	50,000	22.8599	31.9250	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.25 Call	30,000	16.6792	22.8631	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.40 Call	20,000	10.3697	14.2260	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.80 Call	20,000	2.9482	4.3667	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.26 Put	9,615	129.2464	89.4010	0.0000	0.0000	0	0.00
Nov 2016	DAUS	15.60 Put	9,615	2132.9378	1999.5602	0.0000	0.0000	0	0.00
Nov 2016	DAUS	17.09 Call	9,615	1.3859	1.3136	0.0000	0.0000	0	0.00
Nov 2016	DAUS	11.80 Put	250	2.6653	2.2332	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.50 Put	150	282.6299	219.8240	0.0000	0.0000	0	0.00
Nov 2016	DAUS	19.40 Call	400	0.0388	0.0760	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.75 Call	15,000	239.3582	0.0000	0.0000	0.0000	15,000	0.00
Dec 2016	DAUS	13.60 Put	7,000	378.5487	305.2311	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.35 Call	7,000	105.0081	129.0697	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.75 Put	5,000	1285.7745	1166.9036	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	672.5407	583.3859	0.0000	0.0000	0	0.00
Jan 2017	DAUS	16.17 Call	2,000	45.9276	51.6470	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.28 Call	5,000	270.9953	307.2241	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.10 Put	1,000	2104.8571	694.7983	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.89 Call	1,000	1070.6302	85.7885	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.80 Put	1,000	591.4149	510.3109	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.41 Call	1,000	269.9177	304.3006	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.95 Put	1,000	759.9985	683.1193	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Apr 2017	DAUS	17.02 Call	1,000	131.1552	139.5541	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	13.80 Put	1,000	680.9154	610.2332	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	14.10 Put	1,000	861.5273	781.1427	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	15.06 Call	1,000	388.7979	424.7948	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	16.67 Call	1,000	168.3082	184.8045	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	13.95 Put	1,000	818.0945	748.5275	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	17.98 Call	1,000	214.2388	227.1732	0.0000	0.0000	0	0.00	
			332,035					15,000.00	0.00	10,113,587.00
		<b>Total</b>	<b>347,836</b>					<b>26,694.00</b>	<b>156,205,019.50</b>	14,583,730.00
										50,024,963,614.10
<b>Future</b>										
Dec 2016	EUUS	Future	72	1.1132	1.1062	0.0000	0.0000	15	166,965.00	
			72					15.00	166,965.00	338,542.00
		<b>Total</b>	<b>72</b>					<b>15.00</b>	<b>166,965.00</b>	338,542.00
										3,831,383,946.00
<b>Future</b>										
Dec 2016	ZAAD	Future	12,967	10.3895	10.4779	10.3399	10.2988	48	495,238.20	
Mar 2017	ZAAD	Future	11,024	10.5390	10.6301	0.0000	0.0000	216	2,266,920.00	
Jun 2017	ZAAD	Future	91	10.7142	10.8074	0.0000	0.0000	0	0.00	
			24,082					264.00	2,762,158.20	2,998,008.00
		<b>Total</b>	<b>24,082</b>					<b>264.00</b>	<b>2,762,158.20</b>	3,030,385.00
										25,028,844,451.80
<b>Future</b>										
Dec 2016	ZACA	Future	5,806	10.1148	10.2298	0.0000	0.0000	0	0.00	
			5,806					0.00	0.00	67,874.00
		<b>Total</b>	<b>5,806</b>					<b>0.00</b>	<b>0.00</b>	67,874.00
										634,753,582.70
<b>Future</b>										
Dec 2016	ZACR	Future	10	1.9977	2.0137	0.0000	0.0000	0	0.00	
			10					0.00	0.00	109,754.00
		<b>Total</b>	<b>10</b>					<b>0.00</b>	<b>0.00</b>	109,754.00
										2,502,692,756.00
<b>Future</b>										
Dec 2016	ZAEU	Future	55,923	15.0917	15.1467	15.2889	14.9805	11,526	174,313,717.30	
Mar 2017	ZAEU	Future	27,063	15.3991	15.4573	15.4800	15.3446	845	13,039,460.00	
Jun 2017	ZAEU	Future	77,407	15.7596	15.8208	0.0000	0.0000	0	0.00	
			160,393					12,371.00	187,353,177.30	9,660,188.00
										133,430,704,285.10
<b>Option</b>										
Dec 2016	ZAEU	16.50 Call	450	84.3934	83.1991	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	16.90 Put	2,961	1859.6219	1803.2380	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	21.90 Call	2,961	0.1858	0.2526	0.0000	0.0000	0	0.00	

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Mar 2017	ZAEU	14.30 Put	1,000	218.9690	202.0566	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.80 Call	500	984.4943	1015.0946	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	17.17 Call	1,000	230.5466	233.2393	0.0000	0.0000	0	0.00	
			8,872					0.00	0.00	4,787,641.00
		<b>Total</b>	<b>169,265</b>					<b>12,371.00</b>	<b>187,353,177.30</b>	14,447,829.00
										133,430,704,285.10
<b>Future</b>										
Dec 2016	ZAFR	Future	2,011	14.0067	14.0066	0.0000	0.0000	0	0.00	
			2,011					0.00	0.00	564,355.00
		<b>Total</b>	<b>2,011</b>					<b>0.00</b>	<b>0.00</b>	5,893,776,632.70
										564,355.00
										5,893,776,632.70
<b>Future</b>										
Dec 2016	ZAGB	Future	47,748	16.6918	16.7590	16.8491	16.5605	5,473	91,221,125.30	
Mar 2017	ZAGB	Future	8,276	16.9961	17.0667	0.0000	0.0000	0	0.00	
Jun 2017	ZAGB	Future	19,978	17.3507	17.4247	0.0000	0.0000	0	0.00	
			76,002					5,473.00	91,221,125.30	6,914,807.00
										113,735,278,433.60
<b>Option</b>										
Dec 2016	ZAGB	15.89 Put	525	157.2472	138.3286	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Call	525	455.8817	483.7547	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Put	1,050	524.0817	484.7547	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	760.9890	714.7099	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Call	656	274.2790	292.4871	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Put	525	882.4790	833.4871	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.40 Call	500	248.9899	265.7473	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.80 Put	800	1275.7484	1220.4556	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Put	1,000	1445.1328	1387.7945	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	19.39 Call	525	31.2023	34.0872	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	4730.6037	4663.6209	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	0.5197	0.6007	0.0000	0.0000	0	0.00	
			20,761					0.00	0.00	1,749,313.00
		<b>Total</b>	<b>96,763</b>					<b>5,473.00</b>	<b>91,221,125.30</b>	8,664,120.00
										113,735,278,433.60
<b>Future</b>										
Dec 2016	ZAHK	Future	16,430	1.7487	1.7660	0.0000	0.0000	0	0.00	
Mar 2017	ZAHK	Future	3,500	1.7788	1.7963	0.0000	0.0000	0	0.00	
			19,930					0.00	0.00	56,677.00
		<b>Total</b>	<b>19,930</b>					<b>0.00</b>	<b>0.00</b>	1,060,468,026.00
										56,677.00
										1,060,468,026.00
<b>Future</b>										
Dec 2016	ZAJY	Future	12,549	0.1316	0.1311	0.0000	0.0000	56	732,004.00	
			12,549					56.00	732,004.00	877,287.00
										9,706,333,228.50

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		<b>Total</b>	<b>12,549</b>					<b>56.00</b>	<b>732,004.00</b>	877,287.00	9,706,333,228.50	
<b>Future</b>												
	Dec 2016	ZAKS	Future	1,382	0.1324	0.1338	0.0000	0.0000	0	0.00		
				<u>1,382</u>					<u>0.00</u>	<u>0.00</u>	24,363.00	336,346,550.00
			<b>Total</b>	<b>1,382</b>					<b>0.00</b>	<b>0.00</b>	24,363.00	336,346,550.00
<b>Future</b>												
	Dec 2016	ZANZ	Future	75	9.8774	9.8106	0.0000	0.0000	0	0.00		
				<u>75</u>					<u>0.00</u>	<u>0.00</u>	144,025.00	1,101,968,190.00
			<b>Total</b>	<b>75</b>					<b>0.00</b>	<b>0.00</b>	164,025.00	1,101,968,190.00
<b>Future</b>												
	Dec 2016	ZASD	Future	153	9.8059	9.8617	0.0000	0.0000	0	0.00		
				<u>153</u>					<u>0.00</u>	<u>0.00</u>	8,583.00	87,643,864.10
			<b>Total</b>	<b>153</b>					<b>0.00</b>	<b>0.00</b>	8,583.00	87,643,864.10
<b>Future</b>												
	Dec 2016	ZAUM	Future	345	13.5572	13.6921	0.0000	0.0000	15	20,572,500.00		
	Mar 2017	ZAUM	Future	91	13.7794	13.9178	0.0000	0.0000	0	0.00		
	Jun 2017	ZAUM	Future	56	14.0389	14.1808	0.0000	0.0000	0	0.00		
				<u>492</u>					<u>15.00</u>	<u>20,572,500.00</u>	133,043.00	150,419,066,350.00
			<b>Total</b>	<b>492</b>					<b>15.00</b>	<b>20,572,500.00</b>	137,566.00	150,419,066,350.00
<b>Future</b>												
	Dec 2016	ZAUS	Future	410,505	13.5572	13.6921	13.7994	13.4419	112,202	1,520,566,520.50		
	Mar 2017	ZAUS	Future	108,072	13.7794	13.9178	13.9871	13.6752	2,285	31,480,429.60		
	Jun 2017	ZAUS	Future	150,937	14.0389	14.1808	14.0950	13.9500	835	11,739,509.50		
	Sep 2017	ZAUS	Future	4,100	14.2797	14.4246	14.1906	14.1906	50	709,530.00		
	Dec 2017	ZAUS	Future	670	14.5710	14.7182	0.0000	0.0000	0	0.00		
	Mar 2018	ZAUS	Future	70	14.9215	15.0639	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	Future	70	15.2719	15.4095	0.0000	0.0000	0	0.00		
				<u>674,424</u>					<u>115,372.00</u>	<u>1,564,495,989.60</u>	124,270,637.00	1,395,853,683,943.00
<b>Option</b>												
	Dec 2016	ZAUS	11.80 Put	250	11.2184	9.2994	0.0000	0.0000	0	0.00		
	Dec 2016	ZAUS	12.59 Put	2,800	63.6497	45.3445	0.0000	0.0000	0	0.00		
	Dec 2016	ZAUS	12.75 Put	25,850	91.2935	67.0639	0.0000	0.0000	0	0.00		
	Dec 2016	ZAUS	13.00 Put	169,885	154.1374	115.9662	0.0000	0.0000	21,000	0.00		
	Dec 2016	ZAUS	13.22 Put	725	231.6330	181.3622	0.0000	0.0000	0	0.00		
	Dec 2016	ZAUS	13.34 Call	2,800	499.7759	577.6020	0.0000	0.0000	0	0.00		
	Dec 2016	ZAUS	13.34 Put	7,800	282.5759	225.5020	0.0000	0.0000	0	0.00		

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Dec 2016	ZAUS	13.35 Put	4,500	287.1000	229.4585	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	310.3566	249.8811	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	349.7744	0.0000	0.0000	0.0000	9,347	0.00
Dec 2016	ZAUS	13.50 Put	26,886	360.0482	293.9443	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	1,230	332.8612	386.9079	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	475.6612	394.8079	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	507.3272	423.9286	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	520.2496	435.8583	0.0000	0.0000	9,800	0.00
Dec 2016	ZAUS	14.00 Call	23,025	235.9274	275.9683	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,460	678.7274	583.8683	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	222.5969	260.6018	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	214.9445	251.7698	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	212.4507	248.8896	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	752.7847	653.9406	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	767.9351	668.3350	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	191.2247	224.3351	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	186.7953	219.2029	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	829.5953	727.1029	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	176.1541	206.8611	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	7,000	868.9541	764.7611	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,100	908.8675	803.0946	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.33 Put	5,000	933.0907	826.4051	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	158.4085	186.3262	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.39 Put	0	982.1252	873.6967	0.0000	0.0000	8,756	0.00
Dec 2016	ZAUS	14.40 Call	26,120	147.5722	173.7628	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	1031.9062	921.7435	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	131.1282	154.4818	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	42,649	1073.9282	962.3818	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	1082.3879	970.5741	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	116.5288	137.3268	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	1185.2801	1070.4621	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	1211.3737	1095.8640	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	104.8074	123.5286	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	1246.3825	1129.9846	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	1334.9097	1216.4564	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	89.9776	106.0416	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	85.8662	101.1878	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	72.6317	85.9368	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1515.4317	1393.8368	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	64.3959	76.2708	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Call	5,000	57.1202	67.4869	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1699.9202	1575.3869	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>
Dec 2016	ZAUS	15.21 Put	3,500	1709.2413	1584.5669	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.28 Call	5,000	51.9171	61.2040	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	45.0224	52.8785	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1887.8224	1760.7785	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	40.9663	47.9836	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1982.8136	1854.7346	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	2049.6607	1920.9321	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	2155.2289	2025.5938	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	2271.0369	2140.5522	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,500	26.6654	30.7660	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	22.4936	25.7673	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2465.2936	2333.6673	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	19.8872	22.6546	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	15.5348	17.9803	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.47 Put	1,365	2924.9024	2792.8420	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2983.8091	2851.7318	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	10.6658	13.4806	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	3141.3293	3009.1636	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	7.4967	10.1679	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	5.9678	8.5059	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	5.4973	7.9826	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	5.1464	7.5877	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	2.6758	4.6494	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	2.2175	4.0567	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	1.6714	3.3320	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	3,500	1.5811	3.2119	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	0.8819	2.0014	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	0.7862	1.8055	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	0.7279	1.6852	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	0.7004	1.6279	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	0.1508	0.4111	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	0.1253	0.3481	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.1202	0.3354	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.0880	0.2535	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.0713	0.2100	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.70 Call	1,365	0.0272	0.0886	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.0244	0.0804	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.0214	0.0715	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.0158	0.0543	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0118	0.0419	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0099	0.0357	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0072	0.0270	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	20.36 Call	368	0.0063	0.0239	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0018	0.0079	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0008	0.0039	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0007	0.0034	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	86.6570	72.2514	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	136.6205	112.6181	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	91,132	269.5079	229.5064	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	480.9121	418.8201	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	831.2457	746.1064	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	447.4263	494.4692	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	968.0263	876.6692	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	1039.4551	945.2049	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	1226.6491	1125.4307	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1697.5608	1585.2857	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1807.4757	1693.7935	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	209.8997	232.7724	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	2102.8724	1984.3129	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	2138.2933	2019.2292	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	171.0638	189.6627	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	131.7442	145.9415	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	3070.1212	2939.3498	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	80.9674	86.4211	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	46.3030	51.3488	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	45.9511	50.9607	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	29.7844	33.1020	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	22.0420	24.5270	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	4.0383	4.5095	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	736.4271	668.4744	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	758.8862	689.8417	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	900.2374	824.8627	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	943.5026	866.3642	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	974.9470	896.5570	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	500	691.1111	0.0000	0.0000	0.0000	500	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1429.1643	1335.0720	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1903.2152	1798.7037	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	390.1963	424.3309	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2131.2963	2023.5309	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	376.6742	409.6585	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	1,000	354.3057	0.0000	0.0000	0.0000	2,000	0.00
Jun 2017	ZAUS	16.10 Call	1,400	339.2761	369.0383	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	316.7740	344.5693	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	260.3404	283.1110	0.0000	0.0000	0	0.00



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Jun 2017	ZAUS	18.15 Call	1,297	174.1785	184.1686	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	18.65 Call	150	138.1658	155.0474	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	19.71 Call	3,155	78.2388	88.8101	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.75 Put	2,000	325.2212	289.0732	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.00 Put	10,000	410.8441	373.0829	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.75 Put	2,000	731.8351	672.5094	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.76 Put	960	737.0879	677.5195	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.22 Put	110	997.7614	927.6421	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.32 Put	110	1058.9660	986.8419	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	16.40 Call	960	484.1503	522.3866	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	16.80 Call	110	424.2129	458.0581	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	17.03 Call	110	394.0598	425.6528	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	18.00 Call	10,000	311.1555	332.8024	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	720.1074	674.3566	0.0000	0.0000	0	0.00	
			<u>2,061,543</u>					<u>51,403.00</u>	<u>0.00</u>	<u>30,026,218.00</u>
		<b>Total</b>	<b><u>2,735,967</u></b>					<b><u>166,775.00</u></b>	<b><u>1,564,495,989.60</u></b>	<b><u>154,296,855.00</u></b>
										<u>1,395,853,683,943.00</u>

<b>Grand Total</b>	<b><u>3,437,486</u></b>					<b><u>211,665.00</u></b>	<b><u>2,023,542,666.50</u></b>	<b><u>205,807,107</u></b>	<b><u>1,931,605,905,278.10</u></b>
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