



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-November-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Dec 2016	CAGZ	Future	20,000	896.7249	788.7229	0.0000	0.0000	0	0.00		
			<u>20,000</u>					<u>0.00</u>	<u>0.00</u>	<u>20,000.00</u>	<u>7,214,600.00</u>
		<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	1.9680	1.9881	0.0000	0.0000	0	0.00		
			<u>435</u>					<u>0.00</u>	<u>0.00</u>	<u>435.00</u>	<u>9,090,195.00</u>
		<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	14.7889	14.9219	0.0000	0.0000	0	0.00		
Nov 2016	DAEU	Future	500	14.7991	14.9321	0.0000	0.0000	0	0.00		
			<u>534</u>					<u>0.00</u>	<u>0.00</u>	<u>105,113.00</u>	<u>1,333,859,044.80</u>
		<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	16.5838	16.7544	0.0000	0.0000	0	0.00		
Dec 2016	DAGB	Future	14	16.6347	16.8071	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	2	16.8150	16.9872	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	17.1155	17.2918	0.0000	0.0000	0	0.00		
			<u>124</u>					<u>0.00</u>	<u>0.00</u>	<u>50,935.00</u>	<u>833,941,654.30</u>
		<b>Total</b>	<b>124</b>					<b>0.00</b>	<b>0.00</b>	242,048.00	833,941,654.30
<b>Future</b>											
Nov 2016	DAUS	Future	700	13.3470	13.4601	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	2,120	13.3565	13.4715	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	1,000	13.3585	13.4738	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	6,970	13.3903	13.5070	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	78	13.3958	13.5127	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	275	13.4320	13.5493	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	DAUS	Future	251	13.4348	13.5522	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	94	13.4376	13.5550	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	720	13.4546	13.5720	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	790	13.4773	13.5946	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,000	13.4943	13.6116	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	50	13.5139	13.6310	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	13.5449	13.6623	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	86	13.5655	13.6832	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	2,105	13.6357	13.7420	0.0000	0.0000	2,105	28,944,330.00		
Apr 2017	DAUS	Future	40	13.7480	13.8678	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	13.7741	13.8942	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.0127	14.1352	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.2546	14.3855	0.0000	0.0000	0	0.00		
			<u>17,823</u>					<u>2,105.00</u>	<u>28,944,330.00</u>	<u>4,481,504.00</u>	<u>50,178,527,999.20</u>

Option

Nov 2016	DAUS	13.60 Call	20,000	46.6796	81.6238	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.75 Call	10,000	25.9827	47.5396	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.80 Call	50,000	21.3824	39.5744	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.00 Call	20,000	9.9400	18.9384	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.10 Call	10,000	7.1555	13.1437	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.15 Call	50,000	6.1085	11.2483	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.25 Call	30,000	4.5072	8.3285	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.40 Call	20,000	2.9459	5.4557	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.80 Call	20,000	0.9935	2.0706	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.26 Put	9,615	150.6863	112.4917	0.0000	0.0000	0	0.00
Nov 2016	DAUS	15.60 Put	9,615	2240.3755	2125.4402	0.0000	0.0000	0	0.00
Nov 2016	DAUS	17.09 Call	9,615	0.0667	0.1860	0.0000	0.0000	0	0.00
Nov 2016	DAUS	11.80 Put	250	3.3483	1.9702	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.50 Put	150	322.4465	259.1882	0.0000	0.0000	0	0.00
Nov 2016	DAUS	19.40 Call	400	0.0394	0.0514	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.75 Call	15,000	179.0686	218.6720	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.60 Put	7,000	417.7858	348.5951	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.35 Call	7,000	71.6230	90.4982	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.75 Put	5,000	1370.6116	1266.4450	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	723.8189	650.6048	0.0000	0.0000	0	0.00
Jan 2017	DAUS	16.17 Call	2,000	34.8255	41.6496	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.28 Call	5,000	228.1963	263.0526	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.10 Put	1,000	846.1525	770.6083	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.89 Call	1,000	61.7297	72.6197	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.80 Put	1,000	640.7218	575.4646	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.41 Call	1,000	231.7739	265.3958	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.95 Put	1,000	810.4217	751.5823	0.0000	0.0000	0	0.00

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Apr 2017	DAUS	17.02 Call	1,000	116.5169	130.2672	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	13.80 Put	1,000	726.4776	673.6978	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	14.10 Put	1,000	914.8159	853.5199	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	15.06 Call	1,000	352.5318	390.3691	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	16.67 Call	1,000	151.3182	167.7593	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	13.95 Put	1,000	864.2878	809.9697	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	17.98 Call	1,000	198.3373	211.0316	0.0000	0.0000	0	0.00	
			<u>314,645</u>					<i>0.00</i>	<i>0.00</i>	<i>10,113,587.00</i>
		<b>Total</b>	<b>332,468</b>					<b>2,105.00</b>	<b>28,944,330.00</b>	14,595,091.00
										50,178,527,999.20
<b>Future</b>										
Dec 2016	EUUS	Future	72	1.1065	1.1069	0.0000	0.0000	0	0.00	
			<u>72</u>					<i>0.00</i>	<i>0.00</i>	<i>338,542.00</i>
		<b>Total</b>	<b>72</b>					<b>0.00</b>	<b>0.00</b>	3,831,383,946.00
<b>Future</b>										
Dec 2016	ZAAD	Future	13,011	10.3434	10.4362	10.3903	10.3903	45	467,563.50	
Mar 2017	ZAAD	Future	11,066	10.4943	10.5882	10.5767	10.5767	242	2,558,209.00	
Jun 2017	ZAAD	Future	91	10.6671	10.7624	0.0000	0.0000	0	0.00	
			<u>24,168</u>					<i>287.00</i>	<i>3,025,772.50</i>	<i>2,998,611.00</i>
		<b>Total</b>	<b>24,168</b>					<b>287.00</b>	<b>3,025,772.50</b>	25,035,195,574.30
<b>Future</b>										
Dec 2016	ZACA	Future	5,806	10.0592	10.1419	0.0000	0.0000	0	0.00	
			<u>5,806</u>					<i>0.00</i>	<i>0.00</i>	<i>67,932.00</i>
		<b>Total</b>	<b>5,806</b>					<b>0.00</b>	<b>0.00</b>	635,340,241.10
<b>Future</b>										
Dec 2016	ZACR	Future	10	1.9723	1.9930	0.0000	0.0000	0	0.00	
			<u>10</u>					<i>0.00</i>	<i>0.00</i>	<i>109,754.00</i>
		<b>Total</b>	<b>10</b>					<b>0.00</b>	<b>0.00</b>	2,502,692,756.00
<b>Future</b>										
Dec 2016	ZAEU	Future	55,067	14.8807	15.0161	14.9500	14.8600	946	14,117,695.20	
Mar 2017	ZAEU	Future	27,419	15.1882	15.3257	15.2020	15.1700	213	3,233,560.00	
Jun 2017	ZAEU	Future	77,442	15.5433	15.6845	15.5913	15.5913	1	15,591.30	
			<u>159,928</u>					<i>1,160.00</i>	<i>17,366,846.50</i>	<i>9,670,106.00</i>
		<b>Total</b>	<b>159,928</b>					<b>1,160.00</b>	<b>17,366,846.50</b>	133,580,644,522.20
<b>Option</b>										
Dec 2016	ZAEU	16.50 Call	450	62.1110	77.6500	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	16.90 Put	2,961	2055.1781	1930.6281	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	21.90 Call	2,961	0.1278	0.1011	0.0000	0.0000	0	0.00	

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Mar 2017	ZAEU	14.30 Put	1,000	271.9825	246.8243	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.80 Call	500	857.9758	951.0364	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	16.00 Call	680	401.4297	0.0000	0.0000	0.0000	1,360	0.00	
Mar 2017	ZAEU	17.17 Call	1,000	193.3258	224.9030	0.0000	0.0000	0	0.00	
			9,552					1,360.00	0.00	4,789,001.00
		<b>Total</b>	<b>169,480</b>					<b>2,520.00</b>	<b>17,366,846.50</b>	14,459,107.00
										133,580,644,522.20
<b>Future</b>										
Dec 2016	ZAFR	Future	1,864	13.8142	13.9276	0.0000	0.0000	0	0.00	
			1,864					0.00	0.00	564,502.00
		<b>Total</b>	<b>1,864</b>					<b>0.00</b>	<b>0.00</b>	564,502.00
										5,895,831,281.10
<b>Future</b>										
Dec 2016	ZAGB	Future	56,333	16.6511	16.8233	16.7751	16.6727	404	6,763,591.90	
Mar 2017	ZAGB	Future	8,176	16.9605	17.1347	0.0000	0.0000	0	0.00	
Jun 2017	ZAGB	Future	20,028	17.3129	17.4913	0.0000	0.0000	0	0.00	
			84,537					404.00	6,763,591.90	6,935,930.00
										114,093,361,776.80
<b>Option</b>										
Dec 2016	ZAGB	15.89 Put	525	144.3964	111.6346	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Call	525	406.5194	495.0427	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Put	1,050	515.4194	431.7427	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	758.5515	653.7548	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Call	656	234.3791	293.4300	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Put	525	883.2791	770.1300	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.40 Call	500	211.0373	265.5274	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.80 Put	800	1285.7208	1152.7875	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Put	1,000	1458.5753	1319.0175	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	19.39 Call	525	24.3938	32.8332	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	4767.2086	4596.7234	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	0.2234	0.3778	0.0000	0.0000	0	0.00	
			20,761					0.00	0.00	1,749,313.00
		<b>Total</b>	<b>105,298</b>					<b>404.00</b>	<b>6,763,591.90</b>	8,685,243.00
										114,093,361,776.80
<b>Future</b>										
Dec 2016	ZAHK	Future	16,430	1.7347	1.7497	0.0000	0.0000	0	0.00	
Mar 2017	ZAHK	Future	3,500	1.7648	1.7798	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>	56,677.00
										1,060,468,026.00
<b>Future</b>										
Dec 2016	ZAJY	Future	14,596	0.1286	0.1301	0.0000	0.0000	0	0.00	

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			14,596					0.00	0.00	879,334.00	9,733,521,482.50
		<b>Total</b>	<b>14,596</b>					<b>0.00</b>	<b>0.00</b>	879,334.00	9,733,521,482.50
<b>Future</b>											
	Dec 2016 ZAKS	Future	1,382	0.1314	0.1326	0.0000	0.0000	0	0.00		
			1,382					0.00	0.00	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	9.8502	9.9033	0.0000	0.0000	0	0.00		
			75					0.00	0.00	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	9.6800	9.7597	0.0000	0.0000	0	0.00		
			153					0.00	0.00	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	418	13.4490	13.5663	0.0000	0.0000	38	51,330,500.00		
	Mar 2017 ZAUM	Future	91	13.6723	13.7912	0.0000	0.0000	0	0.00		
	Jun 2017 ZAUM	Future	55	13.9287	14.0504	0.0000	0.0000	0	0.00		
			564					38.00	51,330,500.00	133,143.00	150,554,916,090.00
		<b>Total</b>	<b>564</b>					<b>38.00</b>	<b>51,330,500.00</b>	137,666.00	150,554,916,090.00
<b>Future</b>											
	Dec 2016 ZAUS	Future	415,703	13.4490	13.5663	13.5352	13.4375	32,636	440,067,966.80		
	Mar 2017 ZAUS	Future	110,825	13.6723	13.7912	13.7264	13.6660	338	4,637,880.40		
	Jun 2017 ZAUS	Future	156,582	13.9287	14.0504	14.0000	13.9200	5,045	70,481,512.50		
	Sep 2017 ZAUS	Future	4,400	14.1650	14.2922	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	Future	670	14.4437	14.5807	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	Future	70	14.7956	14.9303	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	Future	70	15.1476	15.2798	0.0000	0.0000	0	0.00		
			688,320					38,019.00	515,187,359.70	124,503,595.00	1,399,026,632,225.30
<b>Option</b>											
	Dec 2016 ZAUS	11.80 Put	250	7.3844	7.2727	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	12.59 Put	2,800	60.1636	49.1020	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	12.75 Put	25,850	91.8716	73.6217	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.00 Put	166,585	162.9608	131.9736	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.22 Put	725	249.1294	206.6188	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.34 Call	2,800	414.6412	482.8758	0.0000	0.0000	0	0.00		

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Dec 2016	ZAUS	13.34 Put	7,800	305.6412	256.5758	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	310.6487	261.0371	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	336.3747	284.0221	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	380.5043	323.1528	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	26,886	392.2443	333.3836	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	1,230	267.7275	315.2886	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	518.7275	448.9886	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	552.7629	480.7847	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	566.6288	493.7754	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	184.5408	219.7850	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,460	735.5408	653.4850	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	173.3536	206.8102	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	166.9626	199.3855	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	164.8853	196.9676	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	813.8305	728.2782	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	829.7283	743.5857	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	147.0134	176.4642	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	143.3006	172.2002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	894.3006	805.9002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	134.4163	161.9867	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	7,000	935.4163	845.6867	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,100	977.0757	885.8989	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.33 Put	5,000	1002.3219	910.3060	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	119.7761	144.7872	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	110.9129	134.3370	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	1105.0326	1009.9039	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	97.5839	118.5629	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	42,649	1148.5839	1052.2629	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	1157.3427	1060.7928	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	85.8797	104.6550	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	1263.6567	1164.5154	0.0000	0.0000	5,700	0.00
Dec 2016	ZAUS	14.66 Put	20,000	1290.5592	1190.8185	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	76.5804	93.5616	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	1326.6137	1226.1055	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	1417.6135	1315.3265	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	64.7253	79.6314	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	61.0913	75.7931	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	49.8436	63.4676	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1600.8436	1497.1676	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	43.0543	55.8520	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Call	5,000	37.1628	49.1741	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1788.1628	1682.8741	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	15.21 Put	3,500	1797.6189	1692.2530	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.28 Call	5,000	33.0208	44.4299	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	27.6398	38.1885	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1978.6398	1871.8885	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	24.5406	34.5444	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	2074.8214	1967.3913	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	2142.4631	2034.5789	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	2249.2162	2140.6507	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	2366.2297	2256.9656	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,500	14.1348	21.8932	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	11.3014	18.2748	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2562.3014	2451.9748	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	9.5937	16.0351	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	7.9469	12.3299	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.47 Put	1,365	3028.0354	2913.1420	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	3087.7337	2972.2328	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	6.6373	8.2484	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	3247.0194	3130.1936	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	5.7055	5.6557	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	5.2157	4.4297	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	5.0571	4.0566	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	4.9358	3.7797	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	3.9721	1.8738	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	3.7577	1.5314	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	2.9014	1.1305	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	3,500	2.7629	1.0651	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	1.6541	0.5693	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	1.4954	0.5032	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	1.3978	0.4633	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	1.3512	0.4445	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	0.3526	0.0853	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	0.2999	0.0699	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.2893	0.0668	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.2203	0.0478	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.1835	0.0381	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.70 Call	1,365	0.0794	0.0135	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.0722	0.0120	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.0645	0.0104	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.0494	0.0075	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0385	0.0055	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0330	0.0045	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0251	0.0032	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	20.36 Call	368	0.0223	0.0028	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0077	0.0007	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0039	0.0003	0.0000	0.0000	2,850	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0034	0.0003	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	92.7476	82.7171	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	146.7912	131.5067	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	91,132	291.8736	262.1227	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	519.5717	471.6505	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	603.3170	0.0000	0.0000	0.0000	1,603	0.00
Mar 2017	ZAUS	14.10 Put	46,000	887.4760	820.4003	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	401.3050	447.9801	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	1029.0050	956.7801	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	1102.9219	1028.0421	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	351.1597	0.0000	0.0000	0.0000	750	0.00
Mar 2017	ZAUS	14.65 Put	100	1295.8485	1214.7312	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1774.9232	1684.6876	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1886.8318	1794.5222	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	183.8800	208.6855	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	2186.8508	2089.7807	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	2222.7628	2125.1942	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	149.1511	169.7514	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	114.2418	130.3996	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	3165.4450	3056.9890	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	70.6546	79.6322	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	35.5346	45.2370	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	35.2483	44.8899	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	22.2537	28.9750	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	16.1698	21.3792	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	2.6701	3.8483	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	780.5285	728.8210	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	803.8989	751.1418	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	950.4249	891.7120	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	995.1453	934.7912	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	1027.6203	966.1097	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	1,000	638.9506	693.1168	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1494.6800	1418.8447	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1976.7273	1891.8349	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	356.9846	389.7920	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2208.2846	2119.3920	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	344.3930	376.1382	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	2,000	323.5841	353.5467	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	309.6253	338.3743	0.0000	0.0000	0	0.00



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Jun 2017	ZAUS	16.26 Call	2,850	288.7450	315.6585	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	16.73 Call	2,000	236.5390	258.7147	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	18.15 Call	1,297	159.4209	171.6488	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	18.65 Call	150	121.9863	135.8313	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	19.71 Call	3,155	67.9475	76.5212	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.75 Put	2,000	350.8713	324.7465	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.00 Put	10,000	437.6857	409.1993	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.40 Put	500	600.9950	563.9900	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.75 Put	2,000	778.7769	728.1422	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.76 Put	960	784.2425	733.3448	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.22 Put	110	1053.8499	991.6111	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.32 Put	110	1116.3065	1052.3219	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	16.40 Call	960	455.2927	483.8469	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	16.80 Call	110	399.1272	423.0330	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	17.00 Call	500	374.4410	396.2638	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	17.03 Call	110	371.5990	392.4416	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	18.00 Call	10,000	297.4486	307.5965	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	746.5565	730.9750	0.0000	0.0000	0	0.00	
			<u>2,063,096</u>					<u>10,903.00</u>	<u>0.00</u>	<u>30,073,021.00</u>
		<b>Total</b>	<b>2,751,416</b>					<b>48,922.00</b>	<b>515,187,359.70</b>	<b>154,576,616.00</b>
		<b>Grand Total</b>	<b>3,448,375</b>					<b>54,276.00</b>	<b>622,618,400.60</b>	<b>206,133,586</b>
										<b>1,935,612,488,817.60</b>