



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 14-December-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Dec 2016	CAGZ	Future	20,000	586.1695	642.1971	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>											
Jan 2017	DAEU	Future	349	14.6665	14.6119	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	67	14.6733	14.6186	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	14.6936	14.6391	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	14.7753	14.7206	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	26	14.7890	14.7342	0.0000	0.0000	0	0.00		
Mar 2017	DAEU	Future	7	14.8978	14.8433	0.0000	0.0000	0	0.00		
			<u>2,461</u>					<u>0.00</u>	<u>0.00</u>	<u>108,457.00</u>	<u>1,385,249,059.10</u>
		<b>Total</b>	<b>2,461</b>					<b>0.00</b>	<b>0.00</b>	398,057.00	1,385,249,059.10
<b>Future</b>											
Dec 2016	DAGB	Future	14	17.3619	17.3092	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	30	17.5183	17.4896	0.0000	0.0000	0	0.00		
Feb 2017	DAGB	Future	34	17.6198	17.5912	0.0000	0.0000	0	0.00		
Mar 2017	DAGB	Future	89	17.7356	17.7078	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	17.8307	17.8037	0.0000	0.0000	0	0.00		
			<u>240</u>					<u>0.00</u>	<u>0.00</u>	<u>51,147.00</u>	<u>837,722,481.20</u>
		<b>Total</b>	<b>240</b>					<b>0.00</b>	<b>0.00</b>	242,260.00	837,722,481.20
<b>Future</b>											
Dec 2016	DAUS	Future	0	13.6610	13.6067	0.0000	0.0000	251	3,421,757.50		
Dec 2016	DAUS	Future	2,477	13.6706	13.6067	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	720	13.6659	13.6176	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	3,232	13.6829	13.6355	0.0000	0.0000	920	12,584,680.00		
Jan 2017	DAUS	Future	2,250	13.7020	13.6552	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	50	13.7210	13.6749	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 2017	DAUS	Future	2,600	13.7374	13.6919	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	184	13.7454	13.6996	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	13.7531	13.7073	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	1,289	13.7634	13.7176	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,339	13.7737	13.7279	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	5,745	13.8434	13.7975	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	374	13.8460	13.8000	0.0000	0.0000	0	0.00		
Mar 2017	DAUS	Future	1,561	13.9269	13.8812	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	40	13.9559	13.9103	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	13.9822	13.9368	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.2235	14.1776	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.4747	14.4269	0.0000	0.0000	0	0.00		
			<u>23,405</u>					<u>1,171.00</u>	<u>16,006,437.50</u>	<u>4,653,837.00</u>	<u>52,578,995,783.40</u>

**Option**

Dec 2016	DAUS	13.50 Put	20,000	97.1290	122.6116	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.30 Call	20,000	17.3648	18.4785	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	15.00 Call	20,000	3.1521	3.4527	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.95 Put	2,000	432.4686	467.9202	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	16.17 Call	2,000	5.6981	3.8076	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.28 Call	5,000	141.9762	136.5690	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.10 Put	1,000	566.6697	601.9851	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.89 Call	1,000	17.6225	14.4796	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.80 Put	1,000	382.4573	412.3120	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.41 Call	1,000	157.0535	149.0107	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.15 Put	210	616.0187	649.8814	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.07 Call	210	72.9767	69.3801	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	14.32 Put	1,500	772.2497	803.8675	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	15.03 Call	1,500	128.6479	120.7968	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.95 Put	1,000	612.3753	634.0338	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	17.02 Call	1,000	77.0048	71.2097	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.80 Put	1,000	546.2888	565.8015	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	14.10 Put	1,000	713.9802	736.2730	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	15.06 Call	1,000	322.3796	306.7908	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	16.67 Call	1,000	112.5507	104.7803	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.95 Put	1,000	695.8391	716.3926	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	17.98 Call	1,000	153.7567	144.1491	0.0000	0.0000	0	0.00		
			<u>84,420</u>					<u>0.00</u>	<u>0.00</u>	<u>10,306,147.00</u>	<u>0.00</u>
	<b>Total</b>		<b>107,825</b>					<b>1,171.00</b>	<b>16,006,437.50</b>	<b>14,959,984.00</b>	<b>52,578,995,783.40</b>

**Future**

Mar 2017	EUUS	Future	12	1.0687	1.0683	0.0000	0.0000	0	0.00
Jun 2017	EUUS	Future	25,352	1.0740	1.0736	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
			25,364					0.00	0.00	392,188.00	4,415,197,302.00
		<b>Total</b>	<b>25,364</b>					<b>0.00</b>	<b>0.00</b>	392,188.00	4,415,197,302.00
<b>Future</b>											
	Dec 2016	GBUS	Future	2	1.2701	1.2722	0.0000	0.0000	0	0.00	
	Jun 2017	GBUS	Future	8,095	1.2758	1.2780	0.0000	0.0000	0	0.00	
				8,097					0.00	0.00	12,531.00
		<b>Total</b>		<b>8,097</b>				<b>0.00</b>	<b>0.00</b>	12,531.00	157,699,877.00
<b>Future</b>											
	Dec 2016	ZAAD	Future	4,299	10.2713	10.2272	0.0000	0.0000	426	4,356,787.20	
	Mar 2017	ZAAD	Future	18,379	10.4081	10.3722	10.4081	10.3921	429	4,450,617.40	
	Jun 2017	ZAAD	Future	102	10.5787	10.5446	0.0000	0.0000	0	0.00	
				22,780					855.00	8,807,404.60	3,034,284.00
		<b>Total</b>		<b>22,780</b>				<b>855.00</b>	<b>8,807,404.60</b>	3,066,661.00	25,408,510,315.40
<b>Future</b>											
	Dec 2016	ZACA	Future	12	10.4214	10.3810	0.0000	0.0000	0	0.00	
	Mar 2017	ZACA	Future	160	10.5932	10.5610	0.0000	0.0000	0	0.00	
				172					0.00	0.00	73,738.00
		<b>Total</b>		<b>172</b>				<b>0.00</b>	<b>0.00</b>	73,738.00	694,437,653.50
<b>Future</b>											
	Dec 2016	ZACR	Future	10	1.9781	1.9650	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	23,470	14.5472	14.4806	14.5739	14.4798	28,289	412,055,088.00	
	Mar 2017	ZAEU	Future	85,296	14.8336	14.7787	14.8819	14.7788	32,371	480,859,607.20	
	Jun 2017	ZAEU	Future	78,292	15.1831	15.1298	15.2120	15.2120	50	760,600.00	
	Sep 2017	ZAEU	Future	1,156	15.5208	15.4634	0.0000	0.0000	0	0.00	
				188,214					60,710.00	893,675,295.20	9,856,093.00
											136,369,858,601.70
<b>Option</b>											
	Dec 2016	ZAEU	16.50 Call	450	0.5122	0.2888	0.0000	0.0000	0	0.00	
	Dec 2016	ZAEU	16.90 Put	2,961	2352.9696	2419.4930	0.0000	0.0000	0	0.00	
	Dec 2016	ZAEU	21.90 Call	2,961	0.0011	0.0008	0.0000	0.0000	0	0.00	
	Mar 2017	ZAEU	14.30 Put	1,000	279.7458	304.2613	0.0000	0.0000	0	0.00	
	Mar 2017	ZAEU	14.80 Call	500	539.3956	513.9437	0.0000	0.0000	0	0.00	
	Mar 2017	ZAEU	16.00 Call	680	189.0343	175.2257	0.0000	0.0000	0	0.00	
	Mar 2017	ZAEU	17.17 Call	1,000	64.6943	56.8129	0.0000	0.0000	0	0.00	

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			9,552					0.00	0.00	4,789,001.00	0.00
	<b>Total</b>		<b>197,766</b>					<b>60,710.00</b>	<b>893,675,295.20</b>	14,645,094.00	136,369,858,601.70
<b>Future</b>											
	Dec 2016 ZAFR	Future	1,710	13.5359	13.4645	13.5550	13.5550	1,357	18,394,135.00		
	Mar 2017 ZAFR	Future	1,477	13.8198	13.7572	0.0000	0.0000	2,712	37,538,148.00		
			3,187					4,069.00	55,932,283.00	569,193.00	5,960,376,981.40
	<b>Total</b>		<b>3,187</b>					<b>4,069.00</b>	<b>55,932,283.00</b>	569,193.00	5,960,376,981.40
<b>Future</b>											
	Dec 2016 ZAGB	Future	26,550	17.3625	17.3194	0.0000	0.0000	18,376	318,114,319.50		
	Mar 2017 ZAGB	Future	43,585	17.6674	17.6388	17.7015	17.5873	24,147	425,522,538.60		
	Jun 2017 ZAGB	Future	32,002	18.0361	18.0110	0.0000	0.0000	0	0.00		
	Sep 2017 ZAGB	Future	17	18.3901	18.3612	0.0000	0.0000	0	0.00		
	Dec 2017 ZAGB	Future	5,698	18.7441	18.7190	0.0000	0.0000	0	0.00		
			107,852					42,523.00	743,636,858.10	7,112,090.00	117,210,068,895.20
<b>Option</b>											
	Dec 2016 ZAGB	15.89 Put	525	1.1806	2.5265	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	16.76 Call	525	629.2809	597.0563	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	16.76 Put	1,050	26.7809	37.6563	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	17.13 Put	4,885	97.4476	128.8488	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	17.30 Call	656	221.8764	220.9746	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	17.30 Put	525	159.3764	201.5746	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	18.00 Call	1,000	27.5679	38.2295	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	18.00 Put	1,000	665.0679	718.8295	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	19.39 Call	525	0.9504	1.4021	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	21.41 Put	4,885	4047.6251	4090.7492	0.0000	0.0000	0	0.00		
	Dec 2016 ZAGB	24.46 Call	4,885	0.0089	0.0019	0.0000	0.0000	0	0.00		
	Mar 2017 ZAGB	17.00 Call	500	1043.5674	1031.0090	0.0000	0.0000	0	0.00		
	Mar 2017 ZAGB	18.50 Call	1,200	412.7895	411.1531	0.0000	0.0000	0	0.00		
	Mar 2017 ZAGB	19.00 Call	600	299.9549	299.7475	0.0000	0.0000	0	0.00		
	Mar 2017 ZAGB	21.00 Call	1,200	77.8833	79.0642	0.0000	0.0000	0	0.00		
			23,961					0.00	0.00	1,755,113.00	0.00
	<b>Total</b>		<b>131,813</b>					<b>42,523.00</b>	<b>743,636,858.10</b>	8,867,203.00	117,210,068,895.20
<b>Future</b>											
	Dec 2016 ZAHK	Future	100	1.7626	1.7551	0.0000	0.0000	16,330	288,224,500.00		
	Mar 2017 ZAHK	Future	19,830	1.7896	1.7831	0.0000	0.0000	17,963	321,880,630.00		
			19,930					34,293.00	610,105,130.00	90,970.00	1,670,573,156.00
	<b>Total</b>		<b>19,930</b>					<b>34,293.00</b>	<b>610,105,130.00</b>	90,970.00	1,670,573,156.00

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<b>Future</b>											
Dec 2016	ZAJY	Future	11,155	0.1189	0.1182	0.1194	0.1194	1	11,939.00		
Mar 2017	ZAJY	Future	138	0.1212	0.1206	0.1212	0.1212	1	12,121.00		
			<u>11,293</u>					<u>2.00</u>	<u>24,060.00</u>	<u>888,450.00</u>	<u>9,852,524,671.70</u>
		<b>Total</b>	<b>11,293</b>					<b>2.00</b>	<b>24,060.00</b>	888,450.00	9,852,524,671.70
<b>Future</b>											
Sep 2017	ZAKS	Future	1,382	0.1346	0.1322	0.0000	0.0000	0	0.00		
			<u>1,382</u>					<u>0.00</u>	<u>0.00</u>	<u>27,127.00</u>	<u>372,831,350.00</u>
		<b>Total</b>	<b>1,382</b>					<b>0.00</b>	<b>0.00</b>	27,127.00	372,831,350.00
<b>Future</b>											
Mar 2017	ZANZ	Future	58	9.9980	9.9647	0.0000	0.0000	0	0.00		
			<u>58</u>					<u>0.00</u>	<u>0.00</u>	<u>144,158.00</u>	<u>1,103,292,270.00</u>
		<b>Total</b>	<b>58</b>					<b>0.00</b>	<b>0.00</b>	164,158.00	1,103,292,270.00
<b>Future</b>											
Dec 2016	ZASD	Future	153	9.5995	9.5589	0.0000	0.0000	0	0.00		
Mar 2017	ZASD	Future	36	9.7456	9.7122	0.0000	0.0000	0	0.00		
			<u>189</u>					<u>0.00</u>	<u>0.00</u>	<u>8,583.00</u>	<u>87,643,864.10</u>
		<b>Total</b>	<b>189</b>					<b>0.00</b>	<b>0.00</b>	8,583.00	87,643,864.10
<b>Future</b>											
Dec 2016	ZATR	Future	83	3.9294	3.9208	0.0000	0.0000	0	0.00		
			<u>83</u>					<u>0.00</u>	<u>0.00</u>	<u>194.00</u>	<u>936,367.90</u>
		<b>Total</b>	<b>83</b>					<b>0.00</b>	<b>0.00</b>	194.00	936,367.90
<b>Future</b>											
Dec 2016	ZAUM	Future	399	13.6706	13.6139	0.0000	0.0000	0	0.00		
Mar 2017	ZAUM	Future	522	13.8798	13.8337	0.0000	0.0000	20	27,810,000.00		
Jun 2017	ZAUM	Future	54	14.1375	14.0931	0.0000	0.0000	0	0.00		
			<u>975</u>					<u>20.00</u>	<u>27,810,000.00</u>	<u>134,424.00</u>	<u>152,352,177,790.00</u>
		<b>Total</b>	<b>975</b>					<b>20.00</b>	<b>27,810,000.00</b>	138,947.00	152,352,177,790.00
<b>Future</b>											
Dec 2016	ZAUS	Future	214,856	13.6706	13.6139	13.7027	13.5977	155,197	2,119,495,335.80		
Mar 2017	ZAUS	Future	423,544	13.8798	13.8337	13.9221	13.8700	177,194	2,459,030,389.30		
Jun 2017	ZAUS	Future	190,051	14.1375	14.0931	14.1515	14.1515	20	283,030.00		
Sep 2017	ZAUS	Future	4,455	14.3819	14.3336	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	Future	14,956	14.6230	14.5763	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	Future	70	14.8658	14.8208	0.0000	0.0000	0	0.00		

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Jun 2018	ZAUS	Future	70	15.1086	15.0652	0.0000	0.0000	0	0.00
			<u>848,002</u>					<u>332,411.00</u>	<u>4,578,808,755.10</u>
									<u>127,424,335.00</u>
									<u>1,440,015,049,742.80</u>
<b>Option</b>									
Dec 2016	ZAUS	11.80 Put	250	0.1530	0.4283	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.59 Put	2,800	2.0883	4.3243	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.75 Put	25,850	3.9086	6.9254	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.00 Put	166,585	10.6482	16.7599	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.22 Put	725	26.4315	40.2051	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Call	2,800	373.0714	336.5166	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	42.4714	62.6166	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	44.1455	64.8926	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	53.4403	77.3487	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	71.9445	101.3590	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	36,016	77.3606	108.2166	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	157.8453	204.6611	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	188.4288	236.5520	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	201.3828	249.9451	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.85 Put	20,000	256.9644	306.8987	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	294.4657	345.0136	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	45.3896	40.1172	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	374.7896	426.2172	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	37.7779	32.8421	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	33.8083	29.0562	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	32.5757	27.8829	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	460.7862	512.8517	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	478.5312	530.7115	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.14 Put	10,000	496.4324	548.7252	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	505.4386	557.7870	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	23.2655	19.0785	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	21.5788	17.5007	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	550.9788	603.6007	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	17.8697	14.0614	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	2,000	597.2697	650.1614	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	644.1914	697.3519	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	12.7135	10.1102	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	10.5974	8.6704	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	788.6129	843.7684	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	8.0410	6.8134	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	32,849	837.4410	892.9134	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	847.2290	902.7579	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	6.1986	5.4509	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	965.1504	1021.2151	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	14.66 Put	20,000	994.7421	1050.9071	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	4.9695	4.5242	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	1034.2526	1090.5350	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	1133.2562	1189.7660	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	3.6894	3.5353	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	3.3828	3.2935	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	2.5404	2.4422	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1331.9404	1388.5422	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	1.8104	1.8223	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1530.6930	1587.4676	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1540.6504	1597.4294	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	0.6655	0.7848	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1730.0655	1786.8848	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	0.5122	0.6330	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1829.8800	1886.7003	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1899.7828	1956.5996	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	2009.6695	2066.4768	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	2129.5850	2186.3797	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	0.1584	0.2477	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	0.1004	0.1739	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2329.5004	2386.2739	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	0.0724	0.1355	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	0.0407	0.0908	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2859.4511	2916.2153	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	0.0547	0.1177	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	3019.4853	3076.2355	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	0.1072	0.1463	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	0.1543	0.1667	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	0.1739	0.1744	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	0.1908	0.1807	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	0.4144	0.2505	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	0.4986	0.2730	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	0.6393	0.3081	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	0.6681	0.3150	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	0.4241	0.1518	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	0.3716	0.1306	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	0.3401	0.1181	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	0.3253	0.1122	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	0.0553	0.0149	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	0.0446	0.0117	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.0425	0.0110	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.0296	0.0073	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	19.25 Call	10,303	0.0232	0.0055	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.0067	0.0013	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.0057	0.0011	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.0040	0.0007	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0029	0.0005	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0023	0.0004	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0016	0.0003	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.0014	0.0002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0003	0.0000	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0001	0.0000	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0001	0.0000	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	45.7836	49.6635	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	72.3315	78.8608	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	95,797	168.7354	180.1892	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.03 Put	1,000	176.5377	188.3253	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.10 Put	4,800	195.7316	208.3119	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.25 Put	100	242.8258	258.1884	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	341.0453	359.2003	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.65 Call	2,400	639.5379	613.2248	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	614.0418	588.2643	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.00 Call	501	479.0353	457.4444	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.00 Put	11,320	599.2353	623.7444	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	661.2647	686.9161	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	373.2462	354.9494	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	793.4462	821.2494	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Call	7,300	343.1140	325.8246	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	29,152	863.3140	892.1246	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Call	100	331.7198	314.8214	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	891.9198	921.1214	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	315.3052	298.9770	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	1047.9648	1079.3228	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.91 Call	1,000	223.3233	210.8834	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.96 Call	3,000	214.1676	202.1313	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.00 Call	506	207.1217	195.3990	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.10 Call	7,300	190.5394	179.5684	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1521.2263	1557.2649	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1633.5057	1670.1376	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	138.3450	129.6086	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.50 Call	1,000	136.0015	127.3816	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1934.9196	1973.4857	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1971.0998	2009.8658	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	105.4170	98.3745	0.0000	0.0000	0	0.00



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Mar 2017	ZAUS	16.00 Call	11,320	89.1262	82.9697	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	29,152	74.2674	68.9521	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.50 Call	1,000	59.1181	54.7020	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2918.8609	2961.0990	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	41.0486	36.9335	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	33.5612	29.2818	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	14.4884	11.1472	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	14.3338	11.0217	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	7.7697	5.7744	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	5.0653	3.6753	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	0.4400	0.2779	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	614.9429	633.5578	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	635.6882	654.5059	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	767.4781	787.5013	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	808.3144	828.8993	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	838.1870	859.0804	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	899.4331	920.9169	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	2,500	645.4540	623.5118	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1276.3923	1301.2576	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	402.0631	385.0331	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1744.5223	1772.3375	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	329.3663	313.8269	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	1971.8663	2000.7269	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	317.3367	302.1681	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	315.6592	300.5388	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	293.1209	278.7122	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	278.0866	264.1662	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	255.7526	242.5764	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	200.8226	189.6148	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	116.0874	108.4155	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	91.9720	83.8904	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	46.6895	41.8729	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	266.0642	282.5789	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	10,000	343.0413	360.7753	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	500	483.3529	503.1278	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	632.1707	655.0046	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	637.0167	659.9003	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	880.3070	905.1412	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	938.2382	963.4285	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1028.0567	1053.6972	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	431.8236	416.4994	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	369.9120	356.0108	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	17.00 Call	650	342.9082	329.6556	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.03 Call	110	339.0651	325.9062	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	18.00 Call	10,000	250.8403	240.4404	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	509.6285	532.7025	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	795.9875	822.2810	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.09 Put	16,000	843.1563	869.7526	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.15 Put	16,000	875.3395	902.1192	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.18 Put	16,000	891.6495	918.5198	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	1074.3864	1102.0728	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.53 Put	22,000	1092.3078	1120.0643	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.55 Call	52,000	608.6975	593.6387	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.82 Call	22,000	559.9167	545.4348	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	16,000	509.8246	495.9417	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.17 Call	16,000	503.7860	489.9778	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.20 Call	16,000	499.3151	485.5598	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	493.4364	479.7541	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	401.0354	388.6201	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	734.1872	753.7749	0.0000	0.0000	0	0.00		
			<u>2,440,364</u>					<u>0.00</u>	<u>0.00</u>	<u>31,021,683.00</u>	<u>0.00</u>
	<b>Total</b>		<b>3,288,366</b>					<b>332,411.00</b>	<b>4,578,808,755.10</b>	<b>158,446,018.00</b>	<b>1,440,015,049,742.80</b>
<b>Grand Total</b>			<b>3,841,991</b>					<b>476,054.00</b>	<b>6,934,806,223.50</b>	<b>210,899,734</b>	<b>1,988,773,189,379.30</b>