



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 19-December-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Dec 2016	CAGZ	Future	0	160.7000	292.7286	0.0000	0.0000	20,000	3,214,000.00
			0					20,000.00	3,214,000.00
		Total	0					20,000.00	3,214,000.00
									40,000.00
									10,428,600.00
									10,428,600.00
Future									
Jan 2017	DAEU	Future	349	14.8209	14.7220	0.0000	0.0000	0	0.00
Jan 2017	DAEU	Future	67	14.8283	14.7288	0.0000	0.0000	0	0.00
Jan 2017	DAEU	Future	12	14.8500	14.7495	0.0000	0.0000	0	0.00
Feb 2017	DAEU	Future	2,000	14.9363	14.8322	0.0000	0.0000	0	0.00
Feb 2017	DAEU	Future	26	14.9504	14.8462	0.0000	0.0000	0	0.00
Mar 2017	DAEU	Future	7	15.0612	14.9566	0.0000	0.0000	0	0.00
			2,461					0.00	0.00
		Total	2,461					0.00	0.00
									108,457.00
									1,385,249,059.10
									398,057.00
									1,385,249,059.10
Future									
Jan 2017	DAGB	Future	30	17.6094	17.6283	0.0000	0.0000	0	0.00
Feb 2017	DAGB	Future	34	17.7153	17.7314	0.0000	0.0000	0	0.00
Mar 2017	DAGB	Future	89	17.8321	17.8490	0.0000	0.0000	0	0.00
Apr 2017	DAGB	Future	73	17.9291	17.9457	0.0000	0.0000	0	0.00
			226					0.00	0.00
		Total	226					0.00	0.00
									51,161.00
									837,966,936.60
									242,274.00
									837,966,936.60
Future									
Dec 2016	DAUS	Future	720	14.0917	13.9978	0.0000	0.0000	0	0.00
Dec 2016	DAUS	Future	3,148	14.1030	14.0208	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	2,250	14.1213	14.0368	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	50	14.1415	14.0527	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	2,600	14.1588	14.0664	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	184	14.1675	14.0732	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	70	14.1761	14.0812	0.0000	0.0000	0	0.00

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Jan 2017	DAUS	Future	1,289	14.1873	14.0918	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	2,339	14.1985	14.1025	0.0000	0.0000	0	0.00
Feb 2017	DAUS	Future	5,745	14.2732	14.1746	0.0000	0.0000	0	0.00
Feb 2017	DAUS	Future	720	14.2759	14.1773	0.0000	0.0000	63	897,246.00
Mar 2017	DAUS	Future	1,561	14.3601	14.2614	0.0000	0.0000	0	0.00
Apr 2017	DAUS	Future	40	14.3901	14.2911	0.0000	0.0000	0	0.00
Apr 2017	DAUS	Future	1,450	14.4091	14.3100	0.0000	0.0000	0	0.00
Apr 2017	DAUS	Future	70	14.4173	14.3181	0.0000	0.0000	0	0.00
Jul 2017	DAUS	Future	70	14.6653	14.5644	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	334	14.9207	14.8176	0.0000	0.0000	0	0.00
			<u>22,640</u>					<u>63.00</u>	<u>897,246.00</u>
									<u>4,659,988.00</u>
									<u>52,666,257,745.60</u>
Option									
Dec 2016	DAUS	13.50 Put	20,000	8.0193	22.7773	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.30 Call	20,000	41.9751	59.8647	0.0000	0.0000	0	0.00
Dec 2016	DAUS	15.00 Call	20,000	2.8320	5.5602	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	178.7547	249.4704	0.0000	0.0000	0	0.00
Jan 2017	DAUS	16.17 Call	2,000	7.7431	8.4388	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.28 Call	5,000	247.4634	244.0199	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.10 Put	1,000	291.8365	366.0145	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.89 Call	1,000	26.4602	29.6852	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.80 Put	1,000	173.8996	230.3185	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.41 Call	1,000	257.7218	249.1239	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.15 Put	210	336.9913	410.1692	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.07 Call	210	116.3948	117.8973	0.0000	0.0000	0	0.00
Feb 2017	DAUS	14.32 Put	1,500	481.0510	551.5710	0.0000	0.0000	0	0.00
Feb 2017	DAUS	15.03 Call	1,500	193.7614	184.4677	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.95 Put	1,000	397.2002	444.5004	0.0000	0.0000	0	0.00
Apr 2017	DAUS	17.02 Call	1,000	96.0350	96.0452	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.80 Put	1,000	350.8153	393.0225	0.0000	0.0000	0	0.00
Apr 2017	DAUS	14.10 Put	1,000	482.7371	534.6325	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.06 Call	1,000	430.4607	409.4615	0.0000	0.0000	0	0.00
Apr 2017	DAUS	16.67 Call	1,000	147.7829	145.1232	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.95 Put	1,000	495.3568	539.3664	0.0000	0.0000	0	0.00
Jul 2017	DAUS	17.98 Call	1,000	176.9103	178.1481	0.0000	0.0000	0	0.00
			<u>84,420</u>					<u>0.00</u>	<u>0.00</u>
			<u>107,060</u>					<u>63.00</u>	<u>897,246.00</u>
									<u>14,966,135.00</u>
									<u>52,666,257,745.60</u>
Future									
Mar 2017	EUUS	Future	12	1.0479	1.0478	0.0000	0.0000	0	0.00
Jun 2017	EUUS	Future	25,352	1.0530	1.0530	0.0000	0.0000	0	0.00
			<u>25,364</u>					<u>0.00</u>	<u>0.00</u>
									<u>392,188.00</u>
									<u>4,415,197,302.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Total			25,364					0.00	0.00	392,188.00	4,415,197,302.00
Future											
Dec 2016	GBUS	Future	0	1.2385	1.2483	0.0000	0.0000	2	24,770.00		
Jun 2017	GBUS	Future	8,095	1.2440	1.2539	0.0000	0.0000	0	0.00		
			<u>8,095</u>					<u>2.00</u>	<u>24,770.00</u>	<u>12,533.00</u>	<u>157,724,647.00</u>
Total			8,095					2.00	24,770.00	12,533.00	157,724,647.00
Future											
Dec 2016	ZAAD	Future	0	10.2221	10.2972	10.1832	10.1710	4,698	48,057,594.20		
Mar 2017	ZAAD	Future	19,286	10.3624	10.4396	10.3679	10.3355	661	6,829,465.20		
Jun 2017	ZAAD	Future	102	10.5326	10.6119	0.0000	0.0000	0	0.00		
			<u>19,388</u>					<u>5,359.00</u>	<u>54,887,059.40</u>	<u>3,040,749.00</u>	<u>25,475,011,226.30</u>
Total			19,388					5,359.00	54,887,059.40	3,073,126.00	25,475,011,226.30
Future											
Dec 2016	ZACA	Future	0	10.5219	10.4508	0.0000	0.0000	12	126,262.80		
Mar 2017	ZACA	Future	229	10.7008	10.6280	0.0000	0.0000	69	737,120.10		
			<u>229</u>					<u>81.00</u>	<u>863,382.90</u>	<u>73,819.00</u>	<u>695,301,036.40</u>
Total			229					81.00	863,382.90	73,819.00	695,301,036.40
Future											
Dec 2016	ZACR	Future	0	2.0317	2.0160	2.0220	2.0220	10	202,200.00		
Mar 2017	ZACR	Future	10	2.0283	2.0176	2.0340	2.0340	10	203,400.00		
			<u>10</u>					<u>20.00</u>	<u>405,600.00</u>	<u>109,774.00</u>	<u>2,503,098,356.00</u>
Total			10					20.00	405,600.00	109,774.00	2,503,098,356.00
Future											
Dec 2016	ZAEU	Future	0	14.6998	14.5983	14.7218	14.5908	26,820	393,405,512.00		
Mar 2017	ZAEU	Future	86,184	14.9962	14.8919	15.0525	14.9212	2,656	39,747,009.20		
Jun 2017	ZAEU	Future	78,761	15.3511	15.2448	15.4025	15.3980	9,708	148,290,210.00		
Sep 2017	ZAEU	Future	1,156	15.6900	15.5834	0.0000	0.0000	0	0.00		
			<u>166,101</u>					<u>39,184.00</u>	<u>581,442,731.20</u>	<u>9,899,074.00</u>	<u>137,009,000,599.20</u>
Option											
Mar 2017	ZAEU	14.30 Put	1,000	221.9078	258.6717	0.0000	0.0000	0	0.00		
Mar 2017	ZAEU	14.80 Call	500	615.8310	569.5852	0.0000	0.0000	0	0.00		
Mar 2017	ZAEU	16.00 Call	680	212.0403	202.8806	0.0000	0.0000	0	0.00		
Mar 2017	ZAEU	17.17 Call	1,000	69.1347	70.6161	0.0000	0.0000	0	0.00		
			<u>3,180</u>					<u>0.00</u>	<u>0.00</u>	<u>4,789,001.00</u>	<u>0.00</u>
Total			169,281					39,184.00	581,442,731.20	14,688,075.00	137,009,000,599.20

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Future											
Dec 2016	ZAFR	Future	0	13.7375	13.5918	0.0000	0.0000	1,710	23,484,847.50		
Mar 2017	ZAFR	Future	1,396	14.0305	13.8815	0.0000	0.0000	81	1,130,638.50		
			<u>1,396</u>					<u>1,791.00</u>	<u>24,615,486.00</u>	<u>570,984.00</u>	<u>5,984,992,467.40</u>
	Total		1,396					1,791.00	24,615,486.00	570,984.00	5,984,992,467.40
Future											
Dec 2016	ZAGB	Future	0	17.4492	17.4657	17.4600	17.4600	23,793	415,881,606.70		
Mar 2017	ZAGB	Future	44,162	17.7635	17.7801	17.8998	17.7609	2,157	38,361,369.50		
Jun 2017	ZAGB	Future	32,002	18.1355	18.1530	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	Future	17	18.4899	18.5088	0.0000	0.0000	0	0.00		
Dec 2017	ZAGB	Future	5,698	18.8466	18.8644	0.0000	0.0000	0	0.00		
			<u>81,879</u>					<u>25,950.00</u>	<u>454,242,976.20</u>	<u>7,140,047.00</u>	<u>117,699,814,644.50</u>
Option											
Mar 2017	ZAGB	17.00 Call	500	1088.3638	1115.6256	0.0000	0.0000	0	0.00		
Mar 2017	ZAGB	18.50 Call	1,200	423.5408	449.1834	0.0000	0.0000	0	0.00		
Mar 2017	ZAGB	19.00 Call	600	304.9015	327.1374	0.0000	0.0000	0	0.00		
Mar 2017	ZAGB	21.00 Call	1,200	75.6341	84.9405	0.0000	0.0000	0	0.00		
			<u>3,500</u>					<u>0.00</u>	<u>0.00</u>	<u>1,755,113.00</u>	<u>0.00</u>
	Total		85,379					25,950.00	454,242,976.20	8,895,160.00	117,699,814,644.50
Future											
Dec 2016	ZAHK	Future	0	1.8138	1.8032	0.0000	0.0000	100	1,813,800.00		
Mar 2017	ZAHK	Future	19,830	1.8425	1.8317	0.0000	0.0000	0	0.00		
			<u>19,830</u>					<u>100.00</u>	<u>1,813,800.00</u>	<u>91,070.00</u>	<u>1,672,386,956.00</u>
	Total		19,830					100.00	1,813,800.00	91,070.00	1,672,386,956.00
Future											
Dec 2016	ZAJY	Future	0	0.1203	0.1184	0.1189	0.1189	11,173	134,337,431.00		
Mar 2017	ZAJY	Future	320	0.1226	0.1207	0.1219	0.1219	201	2,447,407.80		
Jun 2017	ZAJY	Future	3,761	0.1255	0.1236	0.0000	0.0000	0	0.00		
			<u>4,081</u>					<u>11,374.00</u>	<u>136,784,838.80</u>	<u>911,196.00</u>	<u>10,127,175,079.50</u>
	Total		4,081					11,374.00	136,784,838.80	911,196.00	10,127,175,079.50
Future											
Sep 2017	ZAKS	Future	1,382	0.1382	0.1373	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>
	Total		1,382					0.00	0.00	27,127.00	372,831,350.00
Future											
Mar 2017	ZANZ	Future	58	9.9085	9.9947	0.0000	0.0000	0	0.00		

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			58					0.00	0.00	144,158.00	1,103,292,270.00
		Total	58					0.00	0.00	164,158.00	1,103,292,270.00
Future											
	Dec 2016 ZASD	Future	0	9.7308	9.7085	0.0000	0.0000	153	1,488,812.40		
	Mar 2017 ZASD	Future	36	9.8805	9.8599	0.0000	0.0000	0	0.00		
			36					153.00	1,488,812.40	8,736.00	89,132,676.50
		Total	36					153.00	1,488,812.40	8,736.00	89,132,676.50
Future											
	Dec 2016 ZATR	Future	0	4.0186	3.9792	0.0000	0.0000	83	332,747.00		
	Mar 2017 ZATR	Future	83	4.0084	3.9700	0.0000	0.0000	83	331,792.50		
			83					166.00	664,539.50	360.00	1,600,907.40
		Total	83					166.00	664,539.50	360.00	1,600,907.40
Future											
	Mar 2017 ZAUM	Future	510	14.3112	14.2127	0.0000	0.0000	0	0.00		
	Jun 2017 ZAUM	Future	54	14.5780	14.4776	0.0000	0.0000	0	0.00		
			564					0.00	0.00	134,471.00	152,419,086,440.00
		Total	564					0.00	0.00	138,994.00	152,419,086,440.00
Future											
	Dec 2016 ZAUS	Future	0	14.0893	13.9920	14.1484	13.9500	191,665	2,696,257,930.40		
	Mar 2017 ZAUS	Future	452,642	14.3112	14.2127	14.3744	14.1831	56,016	799,333,808.10		
	Jun 2017 ZAUS	Future	192,756	14.5780	14.4776	14.4750	14.4750	10,927	157,983,024.90		
	Sep 2017 ZAUS	Future	5,842	14.8262	14.7244	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	Future	15,312	15.0718	14.9665	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	Future	70	15.3194	15.2186	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	Future	70	15.5671	15.4710	0.0000	0.0000	0	0.00		
			666,692					258,608.00	3,653,574,763.40	127,781,898.00	1,445,075,298,518.00
Option											
	Mar 2017 ZAUS	12.20 Put	250	25.8598	25.8329	0.0000	0.0000	0	0.00		
	Mar 2017 ZAUS	12.50 Put	1,500	38.3348	42.1426	0.0000	0.0000	0	0.00		
	Mar 2017 ZAUS	13.00 Put	95,797	80.5180	97.1068	0.0000	0.0000	1,980	0.00		
	Mar 2017 ZAUS	13.03 Put	1,000	85.0841	102.3599	0.0000	0.0000	0	0.00		
	Mar 2017 ZAUS	13.10 Put	4,800	96.5011	115.4403	0.0000	0.0000	0	0.00		
	Mar 2017 ZAUS	13.25 Put	100	124.8006	147.5726	0.0000	0.0000	0	0.00		
	Mar 2017 ZAUS	13.50 Put	2,000	184.8136	214.6727	0.0000	0.0000	0	0.00		
	Mar 2017 ZAUS	13.65 Call	2,400	891.4029	830.1028	0.0000	0.0000	0	0.00		
	Mar 2017 ZAUS	13.70 Call	1,603	858.6752	799.3071	0.0000	0.0000	0	0.00		
	Mar 2017 ZAUS	14.00 Call	501	679.3014	631.6855	0.0000	0.0000	0	0.00		

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Mar 2017	ZAUS	14.00 Put	11,320	368.1014	418.9855	0.0000	0.0000	1,980	0.00
Mar 2017	ZAUS	14.10 Put	46,000	414.7974	469.5523	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	528.9277	494.2816	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	517.7277	581.5816	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Call	7,300	486.8796	455.5448	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	29,152	575.6796	642.8448	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Call	100	470.8950	440.8390	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	599.6950	668.1390	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	447.7864	419.5985	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	733.2066	807.8920	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.91 Call	1,000	315.5292	298.3291	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.96 Call	3,000	302.1738	286.2117	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.00 Call	506	291.8795	276.8731	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.10 Call	7,300	267.9590	254.8494	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1158.5504	1246.1545	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1263.3251	1352.8845	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	193.6425	186.2895	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.50 Call	1,000	190.3695	183.2634	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1549.4355	1642.5247	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1584.0957	1677.3807	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	147.2746	142.6922	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.00 Call	11,320	123.2348	120.6962	0.0000	0.0000	1,980	0.00
Mar 2017	ZAUS	16.22 Call	29,152	101.3598	100.5764	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.50 Call	1,000	79.1819	80.0191	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2502.4655	2602.7917	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	51.3364	53.8214	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	39.8420	44.2658	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	17.5932	24.8002	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	17.4745	24.6888	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	9.9935	14.0466	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	6.4288	9.4295	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	0.5054	0.9597	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Put	59,200	175.2854	194.6549	0.0000	0.0000	59,200	0.00
Jun 2017	ZAUS	13.83 Put	2,280	423.3328	464.9568	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	439.5115	482.7413	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Put	59,200	496.2154	0.0000	0.0000	0.0000	59,200	0.00
Jun 2017	ZAUS	14.11 Put	2,850	547.2229	597.1763	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	581.1107	633.0015	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	605.9831	659.2476	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	657.3850	713.3663	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	2,500	827.7056	787.7939	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	985.0321	1054.8210	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>
Jun 2017	ZAUS	15.40 Call	5,000	513.0251	492.5823	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1408.9760	1490.4794	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	421.2526	406.2667	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	1623.2526	1708.6667	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	406.3605	392.2611	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	404.2813	390.3057	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	376.3523	363.4920	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	357.1971	344.8979	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.20 Call	59,200	338.5870	0.0000	0.0000	0.0000	59,200	0.00
Jun 2017	ZAUS	16.26 Call	2,850	327.9077	317.2125	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	255.6613	248.8448	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	131.8601	135.2798	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	109.3455	115.0496	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	61.5788	63.6969	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	163.7068	188.1913	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	3,099	225.0788	251.4142	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	500	347.8996	374.1151	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	467.7051	500.6322	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	471.4549	504.5785	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	667.1592	714.1080	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	717.0086	766.1048	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	795.2214	847.5047	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	530.9458	510.7362	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	453.4475	437.3383	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	650	419.5460	405.2396	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	414.7165	400.6696	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	291.8877	287.6911	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	372.4222	399.8225	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	616.7387	652.1610	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.09 Put	16,000	655.0330	692.2771	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.15 Put	16,000	681.2875	719.7572	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.18 Put	16,000	694.6290	733.7133	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	851.5660	899.3253	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.53 Put	22,000	867.4447	915.7470	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.55 Call	52,000	725.7637	698.4685	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.82 Call	22,000	666.4570	641.7362	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	16,000	605.3825	583.3500	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.17 Call	16,000	598.0075	576.3015	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.20 Call	16,000	592.5486	571.0845	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	585.3652	564.2198	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	459.7536	446.2222	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	584.1457	607.1169	0.0000	0.0000	0	0.00

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		1,101,719					183,540.00	0.00
								31,228,226.00
	Total	1,768,411					442,148.00	3,653,574,763.40
								159,010,124.00
								1,445,075,298,518.00
	Grand Total	2,213,334					546,391.00	4,914,920,005.80
								211,592,514
								1,995,490,982,678.40