



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 25-November-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	318.1569	322.8827	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>
		Total	20,000					0.00	0.00	20,000.00	7,214,600.00
Future											
Nov 2016	DAEU	Future	0	15.0525	15.0024	0.0000	0.0000	34	511,785.00		
Nov 2016	DAEU	Future	500	15.0563	15.0024	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	15.1051	15.0488	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	15.3798	15.3233	0.0000	0.0000	0	0.00		
			<u>2,512</u>					<u>34.00</u>	<u>511,785.00</u>	<u>107,159.00</u>	<u>1,366,084,465.80</u>
		Total	2,512					34.00	511,785.00	396,759.00	1,366,084,465.80
Future											
Dec 2016	DAGB	Future	35	17.6480	17.7046	0.0000	0.0000	0	0.00		
Dec 2016	DAGB	Future	14	17.6951	17.7515	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	12	17.8905	17.9484	0.0000	0.0000	0	0.00		
Mar 2017	DAGB	Future	2	18.1178	18.1776	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	18.2176	18.2770	0.0000	0.0000	0	0.00		
			<u>136</u>					<u>0.00</u>	<u>0.00</u>	<u>50,967.00</u>	<u>834,506,656.30</u>
		Total	136					0.00	0.00	242,080.00	834,506,656.30
Future											
Nov 2016	DAUS	Future	6,290	14.1862	14.1895	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	78	14.1862	14.1869	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	275	14.2219	14.2223	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	14.2247	14.2251	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	1,777	14.2275	14.2278	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	720	14.2442	14.2443	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	790	14.2665	14.2665	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,000	14.2839	14.2840	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	50	14.3042	14.3045	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	2,600	14.3216	14.3221	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	169	14.3303	14.3308	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	70	14.3390	14.3396	0.0000	0.0000	0	0.00
Jan 2017	DAUS	Future	3,189	14.3620	14.3629	0.0000	0.0000	0	0.00
Feb 2017	DAUS	Future	2,730	14.4365	14.4379	0.0000	0.0000	625	9,018,125.00
Mar 2017	DAUS	Future	1,342	14.5257	14.5270	0.0000	0.0000	0	0.00
Apr 2017	DAUS	Future	40	14.5564	14.5576	0.0000	0.0000	0	0.00
Apr 2017	DAUS	Future	70	14.5843	14.5854	0.0000	0.0000	0	0.00
Jul 2017	DAUS	Future	70	14.8380	14.8395	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	334	15.1023	15.1030	0.0000	0.0000	0	0.00
			<u>22,845</u>					<u>625.00</u>	<u>9,018,125.00</u>
									<u>4,556,001.00</u>
									<u>51,228,561,104.00</u>

Option

Nov 2016	DAUS	11.80 Put	250	0.0000	0.0000	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.50 Put	150	0.5306	8.0535	0.0000	0.0000	0	0.00
Nov 2016	DAUS	19.40 Call	400	0.1059	0.1299	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.75 Call	15,000	494.1715	504.8925	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.00 Put	15,000	113.6509	134.1955	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.35 Call	7,000	138.7615	170.0446	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.11 Put	30,000	182.5299	202.1470	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.75 Put	5,000	619.3608	632.6278	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.50 Put	20,000	69.4127	70.3344	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.30 Call	20,000	306.4961	309.7771	0.0000	0.0000	0	0.00
Dec 2016	DAUS	15.00 Call	20,000	110.1570	114.2948	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	257.8086	254.9786	0.0000	0.0000	0	0.00
Jan 2017	DAUS	16.17 Call	2,000	55.2298	52.0078	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.28 Call	5,000	464.9348	462.7904	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.10 Put	1,000	346.0660	342.7849	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.89 Call	1,000	106.4930	105.5207	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.80 Put	1,000	229.0015	225.7918	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.41 Call	1,000	452.3702	450.5653	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.15 Put	210	381.4564	379.4820	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.07 Call	210	258.6167	258.6802	0.0000	0.0000	0	0.00
Feb 2017	DAUS	14.32 Put	1,500	501.4399	503.9135	0.0000	0.0000	0	0.00
Feb 2017	DAUS	15.03 Call	1,500	336.2955	339.8501	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.95 Put	1,000	407.7889	412.0554	0.0000	0.0000	0	0.00
Apr 2017	DAUS	17.02 Call	1,000	168.0018	170.8956	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.80 Put	1,000	362.5300	366.7639	0.0000	0.0000	0	0.00
Apr 2017	DAUS	14.10 Put	1,000	488.3018	493.0180	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.06 Call	1,000	573.1775	579.3078	0.0000	0.0000	0	0.00
Apr 2017	DAUS	16.67 Call	1,000	234.5588	238.4913	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.95 Put	1,000	495.9125	500.6742	0.0000	0.0000	0	0.00

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Jul 2017	DAUS	17.98 Call	1,000	251.7196	254.9717	0.0000	0.0000	0	0.00
			<u>157,220</u>					0.00	0.00
		Total	180,065					625.00	9,018,125.00
									14,862,008.00
									51,228,561,104.00
Future									
Dec 2016	EUUS	Future	52	1.0619	1.0579	0.0000	0.0000	0	0.00
			<u>52</u>					0.00	0.00
		Total	52					0.00	0.00
									352,822.00
									3,989,281,201.00
Future									
Dec 2016	GBUS	Future	2,118	1.2438	1.2477	0.0000	0.0000	0	0.00
			<u>2,118</u>					0.00	0.00
		Total	2,118					0.00	0.00
									2,270.00
									28,316,521.00
Future									
Dec 2016	ZAAD	Future	11,305	10.5913	10.5424	0.0000	0.0000	0	0.00
Mar 2017	ZAAD	Future	10,610	10.7453	10.6969	0.0000	0.0000	0	0.00
Jun 2017	ZAAD	Future	91	10.9254	10.8755	0.0000	0.0000	0	0.00
			<u>22,006</u>					0.00	0.00
		Total	22,006					0.00	0.00
									3,006,724.00
									25,123,585,287.70
Future									
Dec 2016	ZACA	Future	12	10.5504	10.5523	0.0000	0.0000	0	0.00
			<u>12</u>					0.00	0.00
		Total	12					0.00	0.00
									73,738.00
									694,437,653.50
Future									
Dec 2016	ZACR	Future	10	2.0466	2.0463	0.0000	0.0000	0	0.00
			<u>10</u>					0.00	0.00
		Total	10					0.00	0.00
									109,754.00
									2,502,692,756.00
Future									
Dec 2016	ZAEU	Future	51,248	15.1204	15.0632	15.1250	15.0500	40	603,106.50
Mar 2017	ZAEU	Future	29,887	15.4424	15.3858	15.4271	15.4271	25	385,677.50
Jun 2017	ZAEU	Future	77,442	15.8118	15.7536	0.0000	0.0000	0	0.00
Sep 2017	ZAEU	Future	19	16.1632	16.1040	0.0000	0.0000	0	0.00
			<u>158,596</u>					65.00	988,784.00
		Total							9,728,984.00
									134,486,369,071.30
Option									
Dec 2016	ZAEU	16.50 Call	450	24.1850	30.4987	0.0000	0.0000	0	0.00
Dec 2016	ZAEU	16.90 Put	2,961	1792.3831	1853.2657	0.0000	0.0000	0	0.00
Dec 2016	ZAEU	21.90 Call	2,961	0.0972	0.0673	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Mar 2017	ZAEU	14.30 Put	1,000	177.5587	195.5896	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.80 Call	500	968.1920	938.1707	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	16.00 Call	680	425.6868	411.3348	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	17.17 Call	1,000	188.1163	180.9097	0.0000	0.0000	0	0.00	
			9,552					0.00	0.00	4,789,001.00
		Total	168,148					65.00	988,784.00	14,517,985.00
										134,486,369,071.30
Future										
Dec 2016	ZAFR	Future	1,945	14.0831	14.0331	0.0000	0.0000	0	0.00	
			1,945					0.00	0.00	564,502.00
		Total	1,945					0.00	0.00	564,502.00
										5,895,831,281.10
Future										
Dec 2016	ZAGB	Future	44,461	17.7097	17.7663	17.7521	17.5525	88	1,551,578.30	
Mar 2017	ZAGB	Future	9,144	18.0479	18.1073	0.0000	0.0000	0	0.00	
Jun 2017	ZAGB	Future	30,240	18.4317	18.4920	0.0000	0.0000	17,620	323,908,460.00	
Sep 2017	ZAGB	Future	17	18.7930	18.8547	0.0000	0.0000	0	0.00	
			83,862					17,708.00	325,460,038.30	6,994,695.00
										115,126,056,664.00
Option										
Dec 2016	ZAGB	15.89 Put	525	10.8620	9.9564	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Call	525	1014.0559	1064.1577	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Put	1,050	64.3559	57.8577	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	144.7722	129.6911	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Call	656	609.6933	647.5347	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Put	525	199.9933	181.2347	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.80 Put	800	435.3759	404.3016	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Call	1,000	271.0954	292.5164	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Put	1,000	561.3954	526.2164	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	19.39 Call	525	40.3572	45.1345	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	3704.4579	3648.1656	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	0.5331	0.6591	0.0000	0.0000	0	0.00	
			21,261					0.00	0.00	1,750,813.00
		Total	105,123					17,708.00	325,460,038.30	8,745,508.00
										115,126,056,664.00
Future										
Dec 2016	ZAHK	Future	16,430	1.8360	1.8359	0.0000	0.0000	0	0.00	
Mar 2017	ZAHK	Future	3,500	1.8680	1.8680	0.0000	0.0000	0	0.00	
			19,930					0.00	0.00	56,677.00
		Total	19,930					0.00	0.00	56,677.00
										1,060,468,026.00

Future

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Dec 2016	ZAJY	Future	11,155	0.1261	0.1259	0.0000	0.0000	0	0.00		
			<u>11,155</u>					0.00	0.00	888,228.00	9,849,800,419.30
		Total	11,155					0.00	0.00	888,228.00	9,849,800,419.30
Future											
Dec 2016	ZAKS	Future	1,382	0.1392	0.1393	0.0000	0.0000	0	0.00		
			<u>1,382</u>					0.00	0.00	24,363.00	336,346,550.00
		Total	1,382					0.00	0.00	24,363.00	336,346,550.00
Future											
Dec 2016	ZASD	Future	153	9.9676	9.9445	0.0000	0.0000	0	0.00		
			<u>153</u>					0.00	0.00	8,583.00	87,643,864.10
		Total	153					0.00	0.00	8,583.00	87,643,864.10
Future											
Dec 2016	ZATR	Future	83	4.1044	4.1266	0.0000	0.0000	0	0.00		
			<u>83</u>					0.00	0.00	194.00	936,367.90
		Total	83					0.00	0.00	194.00	936,367.90
Future											
Dec 2016	ZAUM	Future	461	14.2386	14.2388	0.0000	0.0000	42	59,598,800.00		
		Mar 2017	91	14.4755	14.4769	0.0000	0.0000	0	0.00		
		Jun 2017	55	14.7488	14.7499	0.0000	0.0000	0	0.00		
			<u>607</u>					42.00	59,598,800.00	133,351.00	150,851,643,740.00
		Total	607					42.00	59,598,800.00	137,874.00	150,851,643,740.00
Future											
Dec 2016	ZAUS	Future	429,690	14.2386	14.2388	14.2569	14.0986	70,404	1,001,204,739.20		
		Mar 2017	173,680	14.4755	14.4769	14.4735	14.3400	3,222	46,440,443.00		
		Jun 2017	180,304	14.7488	14.7499	14.6951	14.6951	21,914	322,545,473.80		
		Sep 2017	4,400	15.0033	15.0048	0.0000	0.0000	0	0.00		
		Dec 2017	670	15.2612	15.2606	0.0000	0.0000	0	0.00		
		Mar 2018	70	15.5217	15.5179	0.0000	0.0000	0	0.00		
		Jun 2018	70	15.7821	15.7751	0.0000	0.0000	0	0.00		
			<u>788,884</u>					95,540.00	1,370,190,656.00	125,859,759.00	1,418,313,263,904.00
Option											
Dec 2016	ZAUS	11.80 Put	250	1.8821	1.9907	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	12.59 Put	2,800	7.5753	7.1719	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	12.75 Put	25,850	10.1958	9.4826	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.00 Put	166,585	18.3867	17.5808	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.22 Put	725	32.2653	32.2002	0.0000	0.0000	0	0.00		

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Dec 2016	ZAUS	13.34 Call	2,800	941.8465	942.7165	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	43.2465	43.9165	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	44.2953	45.0385	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	49.8792	51.0194	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	60.0915	61.9710	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	37,386	62.9100	64.9961	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	500	643.3077	646.8045	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	104.7077	108.0045	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	118.3651	121.8751	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	124.1571	127.7517	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.85 Put	20,000	149.2656	153.1817	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	166.5675	170.6724	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	443.5775	448.2210	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	204.9775	209.4210	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	414.7115	419.5002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	398.0130	402.8812	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	392.5488	397.4425	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	248.5377	253.2563	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	257.8703	262.6351	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.14 Put	10,000	267.4077	272.2171	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	272.2542	277.0834	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	345.7016	350.7885	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	335.8540	340.9764	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	297.2540	302.1764	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	312.1232	317.3183	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	2,000	323.5232	328.5183	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	352.0877	357.2199	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	274.4191	279.8482	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	251.4395	256.9876	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	444.9479	450.3730	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	216.7538	222.4385	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	32,849	478.1538	483.6385	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	484.9237	490.4161	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	186.2859	192.0263	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	569.3136	574.8562	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	591.2778	596.8163	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	162.1673	167.8967	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	621.0688	626.5935	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	697.9320	703.3756	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	132.2898	137.9099	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	124.1676	129.7355	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	98.7085	104.1629	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	15.00 Put	29,368	860.1085	865.3629	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	82.9385	88.3964	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1030.8760	1036.0618	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1039.6460	1044.8200	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	48.3568	53.4134	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1209.7568	1214.6134	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	41.7190	46.5921	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1301.5983	1306.2223	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1366.6762	1371.1184	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	1470.0760	1474.2119	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	1585.2127	1588.6062	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	22.1391	25.4241	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	17.8625	20.3508	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	1779.2625	1781.5508	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	15.3214	17.3317	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	11.6939	13.0243	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2300.2054	2300.8069	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	8.5872	9.3497	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	2458.6283	2458.9528	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	6.5677	6.9802	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	5.5788	5.8302	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	5.2702	5.4733	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	5.0384	5.2059	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	4.2152	4.2527	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	4.1310	4.1516	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	4.0313	4.0292	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	4.0153	4.0092	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	3.8922	3.8479	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	3.8763	3.8253	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	3.8671	3.8115	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	3.8627	3.8051	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	2.2656	2.1988	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	1.9671	1.9075	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	1.9060	1.8480	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	1.5021	1.4544	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	1.2796	1.2379	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.5639	0.5430	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.5101	0.4909	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.4030	0.3873	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.3232	0.3103	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.2819	0.2704	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.2216	0.2122	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	20.36 Call	368	0.1997	0.1912	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0772	0.0735	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0418	0.0396	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0375	0.0355	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	31.9963	35.6635	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	50.9475	54.5632	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	91,132	103.5194	105.5422	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.25 Put	100	149.3219	151.5103	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	210.3412	213.1444	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	1045.7159	1050.4155	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	430.4533	434.4109	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	704.3024	709.8395	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	528.8024	532.9395	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	582.0613	586.2591	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Call	100	639.6070	645.2257	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	604.1070	608.3257	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	613.4526	619.0951	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	728.4602	732.6338	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.00 Call	500	435.6049	440.8820	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1126.1677	1129.7762	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1224.6597	1228.0551	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	313.5939	318.1785	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1494.9236	1497.7205	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1527.7820	1530.5076	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	252.9475	256.9705	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	190.0348	193.1550	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.50 Call	1,000	156.9646	159.4839	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2407.1489	2407.8024	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	112.4018	114.0460	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	91.9191	93.1349	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	54.1980	48.3395	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	53.9771	48.0763	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	40.7317	34.0035	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	29.7479	24.4034	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	4.9436	3.6549	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	429.6209	434.3070	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	444.6695	449.4229	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	545.0041	550.1047	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	577.6675	582.8457	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	601.6270	606.8562	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	651.1039	656.4251	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	1,000	988.6674	995.2157	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	14.89 Put	1,297	964.8860	970.4450	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	648.5654	655.0092	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1370.1411	1375.4194	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	544.8171	550.9311	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	1576.0171	1581.0311	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	527.8429	533.8861	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	525.4674	531.5033	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	2,000	493.4199	499.3043	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	471.8686	477.6449	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	439.4847	445.0759	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	354.3751	359.3152	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	199.1580	202.0651	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	171.0350	173.2126	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	111.7558	113.0327	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	170.7483	173.1978	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	10,000	228.4244	231.4429	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	500	344.3932	348.3654	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	463.2216	467.8163	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	466.8514	471.4623	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	652.5284	657.7375	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	699.8205	705.0561	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	775.4236	780.6233	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	646.2854	651.3738	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	561.1799	565.7753	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	650	523.2836	527.6333	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	517.8628	522.1721	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	10,000	374.1114	377.2975	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	372.2845	377.8485	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	610.5473	615.9724	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.09 Put	16,000	647.9704	653.4527	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.15 Put	16,000	673.6150	0.0000	0.0000	0.0000	16,000	0.00
Dec 2017	ZAUS	14.18 Put	16,000	686.6462	0.0000	0.0000	0.0000	16,000	0.00
Dec 2017	ZAUS	14.50 Put	2,055	834.2158	839.9028	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.53 Put	22,000	849.5325	855.1920	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.55 Call	52,000	855.0361	857.9809	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.82 Call	22,000	790.9066	793.5619	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	16,000	723.6138	725.9293	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.17 Call	16,000	715.4525	0.0000	0.0000	0.0000	16,000	0.00
Dec 2017	ZAUS	17.20 Call	16,000	709.4079	0.0000	0.0000	0.0000	16,000	0.00
Dec 2017	ZAUS	17.24 Call	33,000	701.4453	703.6406	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	560.6282	561.9718	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	585.5470	584.3016	0.0000	0.0000	0	0.00

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		2,414,082					64,000.00	0.00
								30,767,628.00
	Total	3,202,966					159,540.00	1,370,190,656.00
								156,627,387.00
								1,418,313,263,904.00
	Grand Total	3,738,403					178,014.00	1,765,768,188.30
								208,612,557
								1,958,675,894,933.90