



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 11-November-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	300.5349	447.5775	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	DACR	Future	435	2.1110	2.0568	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>
		Total	435					0.00	0.00	435.00	9,090,195.00
Future											
Nov 2016	DAEU	Future	34	15.6752	15.2923	0.0000	0.0000	0	0.00		
Nov 2016	DAEU	Future	500	15.6858	15.3026	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	15.7415	15.3577	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	16.0338	15.6421	0.0000	0.0000	0	0.00		
			<u>2,546</u>					<u>0.00</u>	<u>0.00</u>	<u>107,125.00</u>	<u>1,365,572,680.80</u>
		Total	2,546					0.00	0.00	396,725.00	1,365,572,680.80
Future											
Dec 2016	DAGB	Future	35	18.2160	17.5727	0.0000	0.0000	0	0.00		
Dec 2016	DAGB	Future	14	18.2687	17.6231	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	12	18.4698	17.8196	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	18.8068	18.1423	0.0000	0.0000	0	0.00		
			<u>134</u>					<u>0.00</u>	<u>0.00</u>	<u>50,945.00</u>	<u>834,115,587.30</u>
		Total	134					0.00	0.00	242,058.00	834,115,587.30
Future											
Nov 2016	DAUS	Future	2,120	14.3797	14.0361	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	6,290	14.4135	14.0691	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	78	14.4193	14.0747	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	275	14.4572	14.1114	0.0000	0.0000	0	0.00		

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Dec 2016	DAUS	Future	251	14.4601	14.1143	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	700	14.4630	14.1171	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	720	14.4811	14.1354	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	790	14.5052	14.1599	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,000	14.5233	14.1783	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	50	14.5444	14.1997	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,600	14.5625	14.2370	0.0000	0.0000	2,600	37,041,800.00		
Jan 2017	DAUS	Future	44	14.5712	14.2261	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	14.5798	14.2341	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	3,183	14.6029	14.2555	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	2,105	14.6806	14.3293	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	40	14.8036	14.4498	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	14.8322	14.4779	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	15.0946	14.7294	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	15.3688	14.8194	0.0000	0.0000	0	0.00		
			<u>21,790</u>					<u>2,600.00</u>	<u>37,041,800.00</u>	<u>4,540,349.00</u>	<u>51,004,539,060.00</u>

Option

Nov 2016	DAUS	13.26 Put	9,615	6.4102	7.1180	0.0000	0.0000	0	0.00
Nov 2016	DAUS	15.60 Put	9,615	1226.5348	1561.9503	0.0000	0.0000	0	0.00
Nov 2016	DAUS	17.09 Call	9,615	0.4485	0.1831	0.0000	0.0000	0	0.00
Nov 2016	DAUS	11.80 Put	250	0.6003	0.3201	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.50 Put	150	32.1395	54.2439	0.0000	0.0000	0	0.00
Nov 2016	DAUS	19.40 Call	400	1.5750	0.1600	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.75 Call	15,000	767.5521	495.6217	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.60 Put	0	62.6382	112.0897	0.0000	0.0000	7,000	0.00
Dec 2016	DAUS	14.00 Put	15,000	155.5465	0.0000	0.0000	0.0000	15,000	0.00
Dec 2016	DAUS	14.35 Call	7,000	388.1992	216.6533	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.75 Put	5,000	555.4946	785.5791	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	232.9896	345.5327	0.0000	0.0000	0	0.00
Jan 2017	DAUS	16.17 Call	2,000	124.8511	76.7992	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.28 Call	5,000	661.5792	468.4533	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.10 Put	1,000	310.8717	442.3282	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.89 Call	1,000	195.7883	130.8536	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.80 Put	1,000	207.9901	306.6179	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.41 Call	1,000	638.8179	459.4235	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.95 Put	1,000	364.1211	473.4188	0.0000	0.0000	0	0.00
Apr 2017	DAUS	17.02 Call	1,000	245.2414	183.8353	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.80 Put	1,000	326.3961	417.3932	0.0000	0.0000	0	0.00
Apr 2017	DAUS	14.10 Put	1,000	434.3432	557.0943	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.06 Call	1,000	725.8228	568.2355	0.0000	0.0000	0	0.00
Apr 2017	DAUS	16.67 Call	1,000	326.5663	248.5619	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.95 Put	1,000	450.5154	545.6596	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jul 2017	DAUS	17.98 Call	1,000	328.7705	269.3432	0.0000	0.0000	0	0.00	
			92,645					22,000.00	0.00	10,212,587.00
		Total	114,435					24,600.00	37,041,800.00	14,752,936.00
										51,004,539,060.00
Future										
Dec 2016	EUUS	Future	4,207	1.0892	1.0887	0.0000	0.0000	0	0.00	
			4,207					0.00	0.00	348,157.00
		Total	4,207					0.00	0.00	348,157.00
										3,938,608,976.00
Future										
Dec 2016	GBUS	Future	50	1.2633	1.2485	0.0000	0.0000	0	0.00	
			50					0.00	0.00	152.00
		Total	50					0.00	0.00	152.00
										1,872,003.00
Future										
Dec 2016	ZAAD	Future	10,811	10.9169	10.7082	10.9802	10.8361	2,245	24,601,717.80	
Mar 2017	ZAAD	Future	8,560	11.0807	10.8685	0.0000	0.0000	0	0.00	
Jun 2017	ZAAD	Future	91	11.2679	11.0499	0.0000	0.0000	0	0.00	
			19,462					2,245.00	24,601,717.80	3,003,897.00
		Total	19,462					2,245.00	24,601,717.80	3,036,274.00
										25,093,164,574.60
Future										
Dec 2016	ZACA	Future	12	10.6985	10.4653	10.7000	10.7000	15	160,500.00	
			12					15.00	160,500.00	73,738.00
		Total	12					15.00	160,500.00	73,738.00
										694,437,653.50
Future										
Dec 2016	ZACR	Future	10	2.1144	2.0616	0.0000	0.0000	0	0.00	
			10					0.00	0.00	109,754.00
		Total	10					0.00	0.00	109,754.00
										2,502,692,756.00
Future										
Dec 2016	ZAEU	Future	58,750	15.7670	15.3821	15.7814	15.3900	1,364	21,348,007.40	
Mar 2017	ZAEU	Future	30,187	16.0989	15.7057	16.0050	15.8500	3,036	48,252,300.00	
Jun 2017	ZAEU	Future	77,442	16.4810	16.0768	16.4354	16.0700	15	244,353.50	
Sep 2017	ZAEU	Future	19	16.8445	16.3323	0.0000	0.0000	0	0.00	
			166,398					4,415.00	69,844,660.90	9,700,580.00
										134,051,112,126.50
Option										
Dec 2016	ZAEU	16.50 Call	450	206.7853	120.0041	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	16.90 Put	2,961	1267.4585	1593.4241	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	21.90 Call	2,961	1.2776	0.3681	0.0000	0.0000	0	0.00	

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Mar 2017	ZAEU	14.30 Put	1,000	116.7600	170.5929	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.80 Call	500	1510.1955	1210.7032	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	16.00 Call	680	785.4984	604.0298	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	17.17 Call	1,000	401.5604	303.3008	0.0000	0.0000	0	0.00	
			9,552					0.00	0.00	4,789,001.00
		Total	175,950					4,415.00	69,844,660.90	14,489,581.00
										134,051,112,126.50
Future										
Dec 2016	ZAFR	Future	1,864	14.7140	14.3102	0.0000	0.0000	0	0.00	
			1,864					0.00	0.00	564,502.00
		Total	1,864					0.00	0.00	564,502.00
										5,895,831,281.10
Future										
Dec 2016	ZAGB	Future	45,277	18.2863	17.6406	18.3750	17.7766	4,584	82,213,620.30	
Mar 2017	ZAGB	Future	8,142	18.6326	17.9738	18.5900	18.5255	40	742,922.60	
Jun 2017	ZAGB	Future	19,992	19.0292	18.3515	18.9800	18.8917	50	946,792.50	
Sep 2017	ZAGB	Future	17	19.4001	18.5968	0.0000	0.0000	0	0.00	
			73,428					4,674.00	83,903,335.40	6,969,745.00
										114,670,156,814.70
Option										
Dec 2016	ZAGB	15.89 Put	525	11.6408	19.5094	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Call	525	1567.4589	1010.0511	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Put	1,050	41.1589	129.4511	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	84.9659	240.7693	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Call	656	1100.9236	648.3764	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Put	525	114.6236	307.7764	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.80 Put	800	258.7301	566.0954	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Call	1,000	627.0557	335.3435	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Put	1,000	340.7557	694.7435	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	19.39 Call	525	164.0744	78.7310	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	3144.5162	3781.2364	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	3.6618	1.3399	0.0000	0.0000	0	0.00	
			21,261					0.00	0.00	1,750,813.00
		Total	94,689					4,674.00	83,903,335.40	8,720,558.00
										114,670,156,814.70
Future										
Dec 2016	ZAHK	Future	16,430	1.8662	1.8221	0.0000	0.0000	0	0.00	
Mar 2017	ZAHK	Future	3,500	1.8990	1.8542	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										

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Dec 2016	ZAJY	Future	10,444	0.1362	0.1324	0.1341	0.1341	7	93,891.00		
			<u>10,444</u>					7.00	93,891.00	887,457.00	9,839,631,049.40
		Total	10,444					7.00	93,891.00	887,457.00	9,839,631,049.40
Future											
Dec 2016	ZAKS	Future	1,382	0.1414	0.1381	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	10.2495	10.0217	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	ZAUM	Future	424	14.4751	14.1293	14.4645	14.4645	1	1,446,450.00		
Mar 2017	ZAUM	Future	91	14.7207	14.3685	0.0000	0.0000	0	0.00		
Jun 2017	ZAUM	Future	55	15.0021	14.6414	0.0000	0.0000	0	0.00		
			<u>570</u>					1.00	1,446,450.00	133,176.00	150,600,365,580.00
		Total	570					1.00	1,446,450.00	137,699.00	150,600,365,580.00
Future											
Dec 2016	ZAUS	Future	421,735	14.4751	14.1293	14.5500	14.0784	149,456	2,132,838,587.90		
Mar 2017	ZAUS	Future	102,209	14.7207	14.3685	14.8012	14.3140	12,281	177,753,517.10		
Jun 2017	ZAUS	Future	157,646	15.0021	14.6414	15.0500	14.7000	445	6,675,120.50		
Sep 2017	ZAUS	Future	4,400	15.2664	14.8086	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	Future	670	15.5552	14.9695	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	Future	70	15.8833	15.3641	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	70	16.2115	15.7586	0.0000	0.0000	0	0.00		
			<u>686,800</u>					162,182.00	2,317,267,225.50	124,999,194.00	1,405,899,950,543.80
Option											
Dec 2016	ZAUS	11.80 Put	250	3.1934	3.5867	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	12.59 Put	2,800	11.1288	13.1076	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	12.75 Put	25,850	14.4160	17.2733	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.00 Put	166,585	21.7021	36.8780	0.0000	0.0000	500	0.00		
Dec 2016	ZAUS	13.22 Put	725	37.3826	65.9474	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.34 Call	2,800	1185.6493	877.0983	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.34 Put	7,800	50.5493	87.7983	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.35 Put	4,500	51.7919	89.8351	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.40 Put	3,000	58.3684	100.5403	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.48 Put	9,347	70.2150	119.9909	0.0000	0.0000	0	0.00		

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Dec 2016	ZAUS	13.50 Put	27,386	73.4451	125.4209	0.0000	0.0000	500	0.00
Dec 2016	ZAUS	13.70 Call	865	887.3464	618.2715	0.0000	0.0000	365	0.00
Dec 2016	ZAUS	13.70 Put	2,000	112.2464	188.9715	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	123.9364	207.5594	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	128.8505	215.3028	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	674.6832	446.3229	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,460	199.5832	317.0229	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	642.9513	421.4919	0.0000	0.0000	600	0.00
Dec 2016	ZAUS	14.08 Call	5,000	624.4006	407.1087	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	618.2998	402.3980	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	237.1380	368.4314	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	245.1371	379.2221	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	565.2193	362.4710	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	553.8726	354.3076	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	278.7726	425.0076	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	526.2235	334.6035	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	7,000	301.1235	455.3035	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	324.4890	486.5726	0.0000	0.0000	700	0.00
Dec 2016	ZAUS	14.33 Put	5,000	338.9941	505.7899	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	479.0089	301.5700	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	449.3386	281.2096	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	400.6035	585.9098	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	403.0381	250.0555	0.0000	0.0000	2,000	0.00
Dec 2016	ZAUS	14.50 Put	32,849	427.9381	620.7555	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	433.7229	627.8230	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	362.5857	222.1416	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	506.0673	715.0579	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	524.9697	737.5360	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	329.2872	199.5673	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	550.6632	767.8978	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	617.2498	845.6646	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	286.0547	170.8209	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	273.8423	162.7795	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	234.8287	137.0563	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	759.7287	1007.7563	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	210.2596	121.1603	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Call	5,000	188.1818	107.0928	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	913.0818	1177.7928	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	921.0020	1186.4783	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.28 Call	5,000	172.0819	97.0229	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	150.2468	83.6803	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1075.1468	1354.3803	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	15.48 Call	3,000	137.2290	75.8365	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1159.0538	1444.6959	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1218.8223	1508.4724	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	1314.3030	1609.2776	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	1420.4217	1720.6418	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	90.2810	46.7266	0.0000	0.0000	1,000	0.00
Dec 2016	ZAUS	16.00 Call	52,443	76.0545	38.2647	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	1600.9545	1908.9647	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	66.8079	33.0499	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	52.8029	25.3337	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.47 Put	1,365	2038.6792	2361.1966	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2095.7186	2419.6364	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	39.8784	18.4437	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	2248.7950	2576.0453	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	30.9032	13.8212	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	26.3144	11.5211	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	24.8544	10.7997	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	23.7480	10.2567	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	15.3372	6.5295	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	13.3383	5.7708	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	10.8567	4.8369	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	3,500	10.4459	4.6813	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	7.0148	3.3661	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	6.4956	3.1633	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	6.1714	3.0357	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	6.0154	2.9742	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	2.2331	0.9611	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	1.9235	0.8190	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	1.8605	0.7902	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	1.4464	0.6034	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	1.2207	0.5032	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.70 Call	1,365	0.5592	0.2185	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.5119	0.1988	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.4602	0.1775	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.3582	0.1359	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.2833	0.1058	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.2449	0.0906	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.1895	0.0690	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.1696	0.0613	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0615	0.0208	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0319	0.0104	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0284	0.0092	0.0000	0.0000	0	0.00

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Mar 2017	ZAUS	12.20 Put	250	28.7327	39.1884	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	46.8940	63.5430	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	91,132	97.5182	132.7415	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	190.3866	261.4898	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	1264.8617	1000.2936	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	384.4155	513.4587	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	894.0179	688.8815	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	473.3179	620.3815	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	521.6515	678.0296	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	793.2096	606.9902	0.0000	0.0000	1,500	0.00
Mar 2017	ZAUS	14.65 Put	100	653.4121	833.5065	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1018.9969	1244.5904	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1110.3265	1345.0994	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	438.1530	328.5665	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1364.1544	1619.1142	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1395.2406	1652.3034	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	362.9883	270.9177	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	284.3300	208.2576	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2236.6283	2532.3067	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	150.0689	110.6126	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	93.2184	73.9366	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	92.9097	73.7085	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	78.1502	53.6609	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	62.5545	40.4631	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	14.0080	8.1492	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	388.6155	477.4818	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	402.4196	493.8567	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	491.6551	605.6748	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	519.7555	640.8531	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	540.3997	666.5991	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	1,000	1170.5438	955.6781	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	879.2039	1051.3319	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1261.2607	1471.6227	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	677.7254	543.9357	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	1455.6254	1682.5357	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	655.5824	525.8841	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	2,000	618.7595	495.9625	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	593.8835	475.8249	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	556.4293	443.9622	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	459.4791	363.5263	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	266.7009	218.0881	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	232.4918	191.6832	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	19.71 Call	3,155	171.5161	125.1162	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.75 Put	2,000	149.9662	196.6058	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.00 Put	10,000	201.6617	265.7684	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.40 Put	500	306.5581	398.6572	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.75 Put	2,000	421.7547	527.1485	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.76 Put	960	425.1214	531.1391	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.22 Put	110	597.7962	739.9474	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.32 Put	110	639.9792	792.6373	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	16.40 Call	960	778.7157	614.2627	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	16.80 Call	110	684.5576	537.4653	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	17.00 Call	500	641.6537	503.5464	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	17.03 Call	110	635.4994	498.6945	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	18.00 Call	10,000	470.4731	375.4368	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.35 Put	52,000	335.6904	448.6428	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.00 Put	33,000	557.2891	0.0000	0.0000	0.0000	33,000	0.00	
Dec 2017	ZAUS	14.53 Put	22,000	780.5752	0.0000	0.0000	0.0000	22,000	0.00	
Dec 2017	ZAUS	16.55 Call	52,000	1015.4363	785.0242	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	16.82 Call	22,000	943.7493	0.0000	0.0000	0.0000	44,000	0.00	
Dec 2017	ZAUS	17.24 Call	33,000	844.1114	0.0000	0.0000	0.0000	66,000	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	495.0251	571.5569	0.0000	0.0000	0	0.00	
			<u>2,267,631</u>					<u>172,165.00</u>	<u>0.00</u>	<u>30,524,786.00</u>
		Total	2,954,431					334,347.00	2,317,267,225.50	155,523,980.00
		Grand Total	3,420,704					370,304.00	2,534,359,580.60	207,335,594
										1,944,768,190,207.70