



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 28-November-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	526.7555	318.1569	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	14.6201	15.0563	0.0000	0.0000	849	12,454,310.00		
Jan 2017	DAEU	Future	349	14.8179	14.9180	0.0000	0.0000	349	5,216,852.00		
Jan 2017	DAEU	Future	12	14.6713	15.1051	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	14.9332	15.3798	0.0000	0.0000	0	0.00		
Mar 2017	DAEU	Future	2	15.0581	15.2275	0.0000	0.0000	2	30,455.00		
			<u>2,363</u>					<u>1,200.00</u>	<u>17,701,617.00</u>	<u>108 359.00</u>	<u>1 383 786 082.80</u>
		Total	2,363					1,200.00	17,701,617.00	397 959.00	1 383 786 082.80
Future											
Dec 2016	DAGB	Future	35	17.1518	17.6480	0.0000	0.0000	0	0.00		
Dec 2016	DAGB	Future	14	17.1980	17.6951	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	12	17.3862	17.8905	0.0000	0.0000	0	0.00		
Mar 2017	DAGB	Future	31	17.6034	18.1178	0.0000	0.0000	29	515,717.00		
Apr 2017	DAGB	Future	73	17.6998	18.2176	0.0000	0.0000	0	0.00		
			<u>165</u>					<u>29.00</u>	<u>515,717.00</u>	<u>50 996.00</u>	<u>835 022 373.30</u>
		Total	165					29.00	515,717.00	242 109.00	835 022 373.30
Future											
Nov 2016	DAUS	Future	0	13.8105	14.1862	0.0000	0.0000	4,514	62,340,597.00		
Nov 2016	DAUS	Future	78	13.8131	14.1862	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	275	13.8452	14.2219	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	13.8480	14.2247	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	1,777	13.8507	14.2275	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	720	13.8670	14.2442	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	1,776	13.8860	13.9499	0.0000	0.0000	3,715	51,823,878.50		

<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	790	13.8888	14.2665	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,000	13.9054	14.2839	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	50	13.9249	14.3042	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,600	13.9416	14.3216	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	169	13.9500	14.3303	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	13.9584	14.3390	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	3,189	13.9806	14.3620	0.0000	0.0000	19	266,712.50		
Feb 2017	DAUS	Future	2,730	14.0516	14.4365	0.0000	0.0000	0	0.00		
Mar 2017	DAUS	Future	1,365	14.1378	14.5257	0.0000	0.0000	23	326,163.00		
Apr 2017	DAUS	Future	40	14.1675	14.5564	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	14.1944	14.5843	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.4400	14.8380	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.6878	15.1023	0.0000	0.0000	0	0.00		
			<u>18,354</u>					<u>8,271.00</u>	<u>114,757,351.00</u>	<u>4 564 272.00</u>	<u>51 343 318 455.00</u>

Option

Dec 2016	DAUS	13.75 Call	15,000	208.5185	494.1715	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.00 Put	15,000	286.3286	113.6509	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.35 Call	7,000	38.1483	138.7615	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.11 Put	30,000	385.4345	182.5299	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.75 Put	5,000	938.4762	619.3608	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.50 Put	20,000	137.9718	69.4127	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.30 Call	20,000	147.8709	306.4961	0.0000	0.0000	0	0.00
Dec 2016	DAUS	15.00 Call	20,000	41.1087	110.1570	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	403.0664	257.8086	0.0000	0.0000	0	0.00
Jan 2017	DAUS	16.17 Call	2,000	24.3001	55.2298	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.28 Call	5,000	285.2250	464.9348	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.10 Put	1,000	516.3617	346.0660	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.89 Call	1,000	58.5287	106.4930	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.80 Put	1,000	356.1122	229.0015	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.41 Call	1,000	286.4896	452.3702	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.15 Put	210	559.7841	381.4564	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.07 Call	210	159.3880	258.6167	0.0000	0.0000	0	0.00
Feb 2017	DAUS	14.32 Put	1,500	705.8610	501.4399	0.0000	0.0000	0	0.00
Feb 2017	DAUS	15.03 Call	1,500	227.7749	336.2955	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.95 Put	1,000	565.8473	407.7889	0.0000	0.0000	0	0.00
Apr 2017	DAUS	17.02 Call	1,000	123.9140	168.0018	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.80 Put	1,000	505.1361	362.5300	0.0000	0.0000	0	0.00
Apr 2017	DAUS	14.10 Put	1,000	660.2195	488.3018	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.06 Call	1,000	438.1781	573.1775	0.0000	0.0000	0	0.00
Apr 2017	DAUS	16.67 Call	1,000	175.5286	234.5588	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.95 Put	1,000	644.9159	495.9125	0.0000	0.0000	0	0.00
Jul 2017	DAUS	17.98 Call	1,000	207.9353	251.7196	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			156,420					0.00	0.00	10 306 007.00	0.00
		Total	174,774					8,271.00	114,757,351.00	14 870 279.00	51 343 318 455.00
Future											
	Dec 2016 EUUS	Future	52	1.0592	1.0619	0.0000	0.0000	0	0.00		
			52					0.00	0.00	352 822.00	3 989 281 201.00
		Total	52					0.00	0.00	352 822.00	3 989 281 201.00
Future											
	Dec 2016 GBUS	Future	2,118	1.2417	1.2438	0.0000	0.0000	0	0.00		
			2,118					0.00	0.00	2 270.00	28 316 521.00
		Total	2,118					0.00	0.00	2 270.00	28 316 521.00
Future											
	Dec 2016 ZAAD	Future	11,305	10.3485	10.5913	0.0000	0.0000	0	0.00		
	Mar 2017 ZAAD	Future	10,587	10.4971	10.7453	10.5270	10.5270	23	242,121.00		
	Jun 2017 ZAAD	Future	91	10.6716	10.9254	0.0000	0.0000	0	0.00		
			21,983					23.00	242,121.00	3 006 747.00	25 123 827 408.70
		Total	21,983					23.00	242,121.00	3 039 124.00	25 123 827 408.70
Future											
	Dec 2016 ZACA	Future	12	10.3233	10.5504	0.0000	0.0000	0	0.00		
			12					0.00	0.00	73 738.00	694 437 653.50
		Total	12					0.00	0.00	73 738.00	694 437 653.50
Future											
	Dec 2016 ZACR	Future	10	1.9952	2.0466	0.0000	0.0000	0	0.00		
			10					0.00	0.00	109 754.00	2 502 692 756.00
		Total	10					0.00	0.00	109 754.00	2 502 692 756.00
Future											
	Dec 2016 ZAEU	Future	50,912	14.6827	15.1204	14.8609	14.6916	553	8,199,784.70		
	Mar 2017 ZAEU	Future	29,887	14.9937	15.4424	15.1848	14.9900	510	7,761,808.00		
	Jun 2017 ZAEU	Future	77,772	15.3502	15.8118	15.6240	15.3658	350	5,406,789.00		
	Sep 2017 ZAEU	Future	19	15.6866	16.1632	0.0000	0.0000	0	0.00		
			158,590					1,413.00	21,368,381.70	9 730 397.00	134 507 737 453.00
Option											
	Dec 2016 ZAEU	16.50 Call	450	8.1995	24.1850	0.0000	0.0000	0	0.00		
	Dec 2016 ZAEU	16.90 Put	2,961	2222.2038	1792.3831	0.0000	0.0000	0	0.00		
	Dec 2016 ZAEU	21.90 Call	2,961	0.0180	0.0972	0.0000	0.0000	0	0.00		
	Mar 2017 ZAEU	14.30 Put	1,000	276.7987	177.5587	0.0000	0.0000	0	0.00		

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Mar 2017	ZAEU	14.80 Call	500	684.8148	968.1920	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	16.00 Call	680	282.7198	425.6868	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	17.17 Call	1,000	118.2229	188.1163	0.0000	0.0000	0	0.00
			9,552					0.00	0.00
		Total	168,142					1,413.00	21,368,381.70
									14 519 398.00
									134 507 737 453.00
Future									
Dec 2016	ZAFR	Future	1,945	13.6616	14.0831	0.0000	0.0000	0	0.00
			1,945					0.00	0.00
		Total	1,945					0.00	0.00
									564 502.00
									5 895 831 281.10
Future									
Dec 2016	ZAGB	Future	44,469	17.2123	17.7097	17.5200	17.2250	601	10,442,161.60
Mar 2017	ZAGB	Future	9,144	17.5364	18.0479	0.0000	0.0000	0	0.00
Jun 2017	ZAGB	Future	30,240	17.9068	18.4317	0.0000	0.0000	0	0.00
Sep 2017	ZAGB	Future	17	18.2527	18.7930	0.0000	0.0000	0	0.00
			83,870					601.00	10,442,161.60
									6 995 296.00
									115 136 498 825.60
Option									
Dec 2016	ZAGB	15.89 Put	525	22.1141	10.8620	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	16.76 Call	525	611.3284	1014.0559	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	16.76 Put	1,050	159.0284	64.3559	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.13 Put	4,885	311.4264	144.7722	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.30 Call	656	316.7660	609.6933	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.30 Put	525	404.4660	199.9933	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.80 Put	800	749.2099	435.3759	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	18.00 Call	1,000	121.7357	271.0954	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	18.00 Put	1,000	909.4357	561.3954	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	19.39 Call	525	14.5403	40.3572	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	21.41 Put	4,885	4200.9015	3704.4579	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	24.46 Call	4,885	0.1602	0.5331	0.0000	0.0000	0	0.00
			21,261					0.00	0.00
		Total	105,131					601.00	10,442,161.60
									8 746 109.00
									115 136 498 825.60
Future									
Dec 2016	ZAHK	Future	16,430	1.7874	1.8360	0.0000	0.0000	0	0.00
Mar 2017	ZAHK	Future	3,500	1.8181	1.8680	0.0000	0.0000	0	0.00
			19,930					0.00	0.00
		Total	19,930					0.00	0.00
									56 677.00
									1 060 468 026.00
Future									
Dec 2016	ZAJY	Future	11,155	0.1232	0.1261	0.0000	0.0000	0	0.00

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			11,155					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	0.1357	0.1392	0.0000	0.0000	0	0.00		
			1,382					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	9.7118	9.9676	0.0000	0.0000	0	0.00		
			153					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	4.0308	4.1044	0.0000	0.0000	0	0.00		
			83					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	458	13.8616	14.2386	13.9713	13.8475	8	11,110,930.00		
	Mar 2017 ZAUM	Future	91	14.0893	14.4755	0.0000	0.0000	0	0.00		
	Jun 2017 ZAUM	Future	55	14.3536	14.7488	0.0000	0.0000	0	0.00		
			604					8.00	11,110,930.00	133 359.00	150 862 754 670.00
		Total	604					8.00	11,110,930.00	137 882.00	150 862 754 670.00
Future											
	Dec 2016 ZAUS	Future	417,228	13.8616	14.2386	14.0131	13.8330	60,979	853,798,045.00		
	Mar 2017 ZAUS	Future	173,269	14.0893	14.4755	14.2300	14.0700	2,911	41,258,759.20		
	Jun 2017 ZAUS	Future	180,812	14.3536	14.7488	14.4670	14.3696	1,107	15,979,017.20		
	Sep 2017 ZAUS	Future	4,400	14.5973	15.0033	14.7097	14.7097	5	73,575.00		
	Dec 2017 ZAUS	Future	670	14.8358	15.2612	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	Future	70	15.0876	15.5217	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	Future	70	15.3394	15.7821	0.0000	0.0000	0	0.00		
			776,519					65,002.00	911,109,396.40	125 924 761.00	1 419 224 373 300.40
Option											
	Dec 2016 ZAUS	11.80 Put	250	2.0727	1.8821	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	12.59 Put	2,800	11.9575	7.5753	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	12.75 Put	25,850	17.9702	10.1958	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.00 Put	166,585	33.4691	18.3867	0.0000	0.0000	3,600	0.00		
	Dec 2016 ZAUS	13.22 Put	725	60.0326	32.2653	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.34 Call	2,800	607.0780	941.8465	0.0000	0.0000	0	0.00		

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Dec 2016	ZAUS	13.34 Put	7,800	85.4780	43.2465	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	87.9033	44.2953	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	100.7702	49.8792	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	124.0256	60.0915	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	55,386	130.3702	62.9100	0.0000	0.0000	18,000	0.00
Dec 2016	ZAUS	13.70 Call	500	367.6396	643.3077	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	206.0396	104.7077	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	228.5076	118.3651	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	237.8975	124.1571	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.85 Put	20,000	277.7345	149.2656	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	305.6899	166.5675	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	227.2853	443.5775	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	365.6853	204.9775	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	209.2333	414.7115	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	198.9947	398.0130	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	195.6783	392.5488	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	430.8106	248.5377	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	444.4135	257.8703	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.14 Put	10,000	458.2021	267.4077	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	465.1639	272.2542	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	167.9175	345.7016	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	162.2370	335.8540	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	500.6370	297.2540	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	148.7726	312.1232	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	2,000	537.1726	323.5232	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	574.7132	352.0877	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	127.0310	274.4191	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	114.1818	251.4395	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	692.7964	444.9479	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	95.3923	216.7538	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	32,849	733.7923	478.1538	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	742.0804	484.9237	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	78.7165	186.2859	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	842.4255	569.3136	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	867.9794	591.2778	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	65.3684	162.1673	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	902.4144	621.0688	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	990.1811	697.9320	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	49.5992	132.2898	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	45.4812	124.1676	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	33.3748	98.7085	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1171.7748	860.1085	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	15.10 Call	1,500	26.6074	82.9385	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1359.5207	1030.8760	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1369.0339	1039.6460	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	14.8428	48.3568	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1553.2428	1209.7568	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	13.1426	41.7190	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1651.1546	1301.5983	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1719.8998	1366.6762	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	1828.2153	1470.0760	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	1946.7076	1585.2127	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	7.7642	22.1391	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	6.3791	17.8625	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2144.7791	1779.2625	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	5.5564	15.3214	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	4.3788	11.6939	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2671.8323	2300.2054	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	3.3603	8.5872	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	2831.5524	2458.6283	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	3.1276	6.5677	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	3.0964	5.5788	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	3.0887	5.2702	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	3.0838	5.0384	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	3.0848	4.2152	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	3.0991	4.1310	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	3.1294	4.0313	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	3.1363	4.0153	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	3.2244	3.8922	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	2.9236	3.8763	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	2.7380	3.8671	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	2.6494	3.8627	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	0.7147	2.2656	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	0.6100	1.9671	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.5888	1.9060	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.4508	1.5021	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.3767	1.2796	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.1506	0.5639	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.1347	0.5101	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.1035	0.4030	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0809	0.3232	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0695	0.2819	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0531	0.2216	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.0473	0.1997	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	20.90 Call	32,200	0.0164	0.0772	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0083	0.0418	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0074	0.0375	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	48.4608	31.9963	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	76.7639	50.9475	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	91,132	162.5493	103.5194	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.25 Put	100	229.1815	149.3219	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	315.1871	210.3412	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	789.7478	1045.7159	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	605.7373	430.4533	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	516.6132	704.3024	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	727.3132	528.8024	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	791.8408	582.0613	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Call	100	467.6166	639.6070	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	818.3166	604.1070	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	448.0111	613.4526	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	963.1433	728.4602	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.00 Call	500	313.8505	435.6049	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1407.8065	1126.1677	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1514.7248	1224.6597	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	224.6303	313.5939	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1802.6449	1494.9236	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1837.2390	1527.7820	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	178.7278	252.9475	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	132.9820	190.0348	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.50 Call	1,000	109.6654	156.9646	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2753.3446	2407.1489	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	79.6407	112.4018	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	68.3117	91.9191	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	41.0323	54.1980	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	40.6884	53.9771	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	25.1850	40.7317	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	18.0273	29.7479	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	2.6934	4.9436	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	569.6452	429.6209	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	589.0700	444.6695	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	712.7642	545.0041	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	751.0828	577.6675	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	779.0598	601.6270	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	836.4835	651.1039	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	1,000	792.2799	988.6674	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1192.5363	964.8860	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	15.40 Call	5,000	515.5618	648.5654	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	15.50 Put	150	1638.6269	1370.1411	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	15.78 Call	2,280	432.9979	544.8171	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	15.78 Put	3,155	1859.3979	1576.0171	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	15.85 Call	3,000	418.9693	527.8429	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	15.86 Call	30,000	416.9798	525.4674	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	16.00 Call	2,000	390.1519	493.4199	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	16.10 Call	1,400	372.1475	471.8686	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	16.26 Call	2,850	345.2084	439.4847	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	16.73 Call	2,000	277.8941	354.3751	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	18.15 Call	1,297	165.8634	199.1580	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	18.65 Call	150	144.2994	171.0350	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	19.71 Call	3,155	79.7191	111.7558	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.75 Put	2,000	242.0891	170.7483	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.00 Put	10,000	313.7357	228.4244	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.40 Put	500	447.7322	344.3932	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.75 Put	2,000	586.0736	463.2216	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.76 Put	960	590.3508	466.8514	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.22 Put	110	817.3282	652.5284	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.32 Put	110	872.2321	699.8205	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.47 Put	150	957.7697	775.4236	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.40 Call	960	525.3426	646.2854	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.80 Call	110	454.8160	561.1799	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.00 Call	650	423.8110	523.2836	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.03 Call	110	419.3843	517.8628	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	18.00 Call	10,000	312.0564	374.1114	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	479.6970	372.2845	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	749.1673	610.5473	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.09 Put	16,000	791.7922	647.9704	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.15 Put	16,000	822.0655	673.6150	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.18 Put	16,000	837.5349	686.6462	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	1011.2564	834.2158	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.53 Put	22,000	1028.3431	849.5325	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.55 Call	52,000	708.0149	855.0361	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.82 Call	22,000	653.4109	790.9066	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	16,000	597.0312	723.6138	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.17 Call	16,000	590.2098	715.4525	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.20 Call	16,000	585.1615	709.4079	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	578.5125	701.4453	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	466.8265	560.6282	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	696.9547	585.5470	0.0000	0.0000	0	0.00		
			<u>2,432,082</u>					<u>21,600.00</u>	<u>0.00</u>	<u>30 789 228.00</u>	<u>0.00</u>

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		Total	3,208,601				86,602.00	911,109,396.40	156 713 989.00	1 419 224 373 300.40
		Grand Total	3,738,603				98,147.00	1 087 247 675.70	208,710,704	1,959,763,142,609.60