



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 12-December-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	608.7710	498.6311	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											
Jan 2017	DAEU	Future	349	14.6285	14.6742	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	67	14.6354	14.6812	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	14.6561	14.7018	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	14.7387	14.7848	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	26	14.7524	14.7986	0.0000	0.0000	0	0.00		
Mar 2017	DAEU	Future	7	14.8621	14.9091	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>
		Total	2,461					0.00	0.00	398 057.00	1 385 249 059.10
Future											
Dec 2016	DAGB	Future	14	17.2717	17.3178	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	30	17.4565	17.5026	0.0000	0.0000	6	105,062.40		
Feb 2017	DAGB	Future	34	17.5593	17.6055	0.0000	0.0000	0	0.00		
Mar 2017	DAGB	Future	89	17.6761	17.7227	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	17.7715	17.8181	0.0000	0.0000	0	0.00		
			<u>240</u>					<u>6.00</u>	<u>105,062.40</u>	<u>51 147.00</u>	<u>837 722 481.20</u>
		Total	240					6.00	105,062.40	242 260.00	837 722 481.20
Future											
Dec 2016	DAUS	Future	0	13.6390	13.7592	0.0000	0.0000	5,000	68,195,000.00		
Dec 2016	DAUS	Future	250	13.6414	13.7592	0.0000	0.0000	103	1,404,137.20		
Dec 2016	DAUS	Future	251	13.6414	13.7593	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	1,777	13.6415	13.7614	0.0000	0.0000	721	10,053,155.00		
Dec 2016	DAUS	Future	720	13.6542	13.7741	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	2,412	13.6734	13.7945	0.0000	0.0000	2,966	41,372,718.40		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Jan 2017	DAUS	Future	2,000	13.6933	13.8149	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	50	13.7132	13.8353	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,600	13.7303	13.8517	0.0000	0.0000	2,600	37,041,800.00		
Jan 2017	DAUS	Future	184	13.7382	13.8596	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	13.7460	13.8676	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,339	13.7670	13.8887	0.0000	0.0000	4,007	56,305,259.10		
Feb 2017	DAUS	Future	5,745	13.8377	13.9600	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	365	13.8403	13.9626	0.0000	0.0000	0	0.00		
Mar 2017	DAUS	Future	1,561	13.9220	14.0451	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	40	13.9511	14.0746	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	13.9776	14.1014	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.2188	14.3452	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.4685	14.5980	0.0000	0.0000	0	0.00		
			<u>20,838</u>					<u>15,397.00</u>	<u>214,372,069.70</u>	<u>4 649 226.00</u>	<u>52 516 002 808.40</u>

Option

Dec 2016	DAUS	13.50 Put	20,000	112.6801	84.3935	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.30 Call	20,000	22.7483	46.5010	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	15.00 Call	20,000	4.8037	8.4331	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.95 Put	2,000	445.5093	378.8459	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	16.17 Call	2,000	5.6547	7.5312	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.28 Call	5,000	148.4378	189.6282	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.10 Put	1,000	578.8457	509.2108	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.89 Call	1,000	18.4528	24.7462	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.80 Put	1,000	393.5958	340.2911	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.41 Call	1,000	161.5748	201.3932	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.15 Put	210	626.8317	556.7652	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.07 Call	210	76.0849	98.7725	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	14.32 Put	1,500	781.1794	707.3223	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	15.03 Call	1,500	131.3122	159.1683	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.95 Put	1,000	620.3917	560.6757	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	17.02 Call	1,000	76.3677	86.0933	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.80 Put	1,000	554.5384	499.3123	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	14.10 Put	1,000	722.2373	656.9746	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	15.06 Call	1,000	325.2941	359.8362	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	16.67 Call	1,000	113.3178	127.7964	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.95 Put	1,000	706.3614	646.7686	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	17.98 Call	1,000	152.9851	167.3963	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>
Total			105,258					15,397.00	214,372,069.70	14 955 373.00	52 516 002 808.40

Future

Dec 2016	EUUS	Future	2	1.0619	1.0559	0.0000	0.0000	0	0.00
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Mar 2017	EUUS	Future	10	1.0665	1.0605	0.0000	0.0000	0	0.00
Jun 2017	EUUS	Future	25,352	1.0718	1.0657	0.0000	0.0000	0	0.00
			<u>25,364</u>					<i>0.00</i>	<i>0.00</i>
		Total	25,364					0.00	0.00
									<i>392 184.00</i>
									<i>4 415 154 730.00</i>
Future									
Dec 2016	GBUS	Future	2	1.2662	1.2585	0.0000	0.0000	0	0.00
Jun 2017	GBUS	Future	8,095	1.2720	1.2641	0.0000	0.0000	0	0.00
			<u>8,097</u>					<i>0.00</i>	<i>0.00</i>
		Total	8,097					0.00	0.00
									<i>12 531.00</i>
									<i>157 699 877.00</i>
Future									
Dec 2016	ZAAD	Future	8,043	10.2363	10.2873	0.0000	0.0000	0	0.00
Mar 2017	ZAAD	Future	12,259	10.3844	10.4368	0.0000	0.0000	0	0.00
Jun 2017	ZAAD	Future	102	10.5568	10.6103	0.0000	0.0000	0	0.00
			<u>20,404</u>					<i>0.00</i>	<i>0.00</i>
		Total	20,404					0.00	0.00
									<i>3 021 185.00</i>
									<i>25 273 277 063.90</i>
Future									
Dec 2016	ZACA	Future	12	10.4118	10.4531	0.0000	0.0000	0	0.00
Mar 2017	ZACA	Future	160	10.5952	10.6372	0.0000	0.0000	0	0.00
			<u>172</u>					<i>0.00</i>	<i>0.00</i>
		Total	172					0.00	0.00
									<i>73 738.00</i>
									<i>694 437 653.50</i>
Future									
Dec 2016	ZACR	Future	10	1.9670	1.9859	0.0000	0.0000	0	0.00
			<u>10</u>					<i>0.00</i>	<i>0.00</i>
		Total	10					0.00	0.00
									<i>109 754.00</i>
									<i>2 502 692 756.00</i>
Future									
Dec 2016	ZAEU	Future	50,929	14.4950	14.5401	14.7000	14.5350	515	7,496,407.50
Mar 2017	ZAEU	Future	45,466	14.7972	14.8437	15.0240	14.8006	760	11,284,912.00
Jun 2017	ZAEU	Future	78,242	15.1484	15.1964	15.2275	15.1775	100	1,525,000.00
Sep 2017	ZAEU	Future	1,156	15.4826	15.5308	0.0000	0.0000	0	0.00
			<u>175,793</u>					<i>1,375.00</i>	<i>20,306,319.50</i>
									<i>9 774 265.00</i>
									<i>135 165 066 489.20</i>
Option									
Dec 2016	ZAEU	16.50 Call	450	0.2540	1.5334	0.0000	0.0000	0	0.00
Dec 2016	ZAEU	16.90 Put	2,961	2405.0784	2360.6901	0.0000	0.0000	0	0.00
Dec 2016	ZAEU	21.90 Call	2,961	0.0004	0.0001	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	14.30 Put	1,000	304.3204	294.1403	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	14.80 Call	500	531.4960	562.6672	0.0000	0.0000	0	0.00

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Mar 2017	ZAEU	16.00 Call	680	186.0238	202.7830	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	17.17 Call	1,000	61.5793	70.8345	0.0000	0.0000	0	0.00
			9,552					0.00	0.00
		Total	185,345					1,375.00	20,306,319.50
									4 789 001.00
									135 165 066 489.20
Future									
Dec 2016	ZAFR	Future	1,712	13.4530	13.5049	0.0000	0.0000	0	0.00
Mar 2017	ZAFR	Future	121	13.7499	13.8033	0.0000	0.0000	0	0.00
			1,833					0.00	0.00
		Total	1,833					0.00	0.00
									565 124.00
									5 904 444 698.40
Future									
Dec 2016	ZAGB	Future	32,345	17.2837	17.3295	17.4562	17.2964	5,053	87,863,743.20
Mar 2017	ZAGB	Future	23,375	17.6071	17.6533	17.8291	17.6101	3,599	63,776,951.90
Jun 2017	ZAGB	Future	32,002	17.9780	18.0256	0.0000	0.0000	300	5,435,760.00
Sep 2017	ZAGB	Future	17	18.3274	18.3769	0.0000	0.0000	0	0.00
Dec 2017	ZAGB	Future	5,698	18.6832	18.7334	0.0000	0.0000	0	0.00
			93,437					8,952.00	157,076,455.10
									7 060 294.00
									116 302 985 861.70
Option									
Dec 2016	ZAGB	15.89 Put	525	3.9152	5.2586	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	16.76 Call	525	574.7035	624.7117	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	16.76 Put	1,050	51.0035	55.2117	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.13 Put	4,885	160.8971	163.7867	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.30 Call	656	225.6566	272.0486	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.30 Put	525	241.9566	242.5486	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	18.00 Call	1,000	46.4705	69.7678	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	18.00 Put	1,000	762.7705	740.2678	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	19.39 Call	525	1.8423	3.7640	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	21.41 Put	4,885	4126.4526	4080.8822	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	24.46 Call	4,885	0.0006	0.0029	0.0000	0.0000	0	0.00
			20,461					0.00	0.00
		Total	113,898					8,952.00	157,076,455.10
									8 811 907.00
									116 302 985 861.70
Future									
Dec 2016	ZAHK	Future	16,430	1.7595	1.7746	0.0000	0.0000	0	0.00
Mar 2017	ZAHK	Future	3,500	1.7880	1.8039	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	11,156	0.1183	0.1197	0.0000	0.0000	0	0.00

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Mar 2017	ZAJY	Future	137	0.1207	0.1222	0.0000	0.0000	28	338,228.80		
			11,293					28.00	338,228.80	888 448.00	9 852 500 611.70
		Total	11,293					28.00	338,228.80	888 448.00	9 852 500 611.70
Future											
Sep 2017	ZAKS	Future	1,382	0.1343	0.1342	0.0000	0.0000	0	0.00		
			1,382					0.00	0.00	27 127.00	372 831 350.00
		Total	1,382					0.00	0.00	27 127.00	372 831 350.00
Future											
Mar 2017	ZANZ	Future	58	9.9537	9.9925	0.0000	0.0000	0	0.00		
			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	153	9.5736	9.6338	0.0000	0.0000	0	0.00		
Mar 2017	ZASD	Future	36	9.7306	9.7935	0.0000	0.0000	0	0.00		
			189					0.00	0.00	8 583.00	87 643 864.10
		Total	189					0.00	0.00	8 583.00	87 643 864.10
Future											
Dec 2016	ZATR	Future	83	3.9147	3.9591	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	399	13.6500	13.7699	0.0000	0.0000	0	0.00		
Mar 2017	ZAUM	Future	522	13.8743	13.9969	0.0000	0.0000	10	14,080,000.00		
Jun 2017	ZAUM	Future	54	14.1341	14.2595	0.0000	0.0000	0	0.00		
			975					10.00	14,080,000.00	134 334.00	152 227 187 790.00
		Total	975					10.00	14,080,000.00	138 857.00	152 227 187 790.00
Future											
Dec 2016	ZAUS	Future	319,181	13.6500	13.7699	13.9028	13.6400	16,868	233,770,069.80		
Mar 2017	ZAUS	Future	311,002	13.8743	13.9969	14.1283	13.8659	11,006	153,343,024.70		
Jun 2017	ZAUS	Future	189,120	14.1341	14.2595	14.3818	14.1460	1,069	15,309,578.50		
Sep 2017	ZAUS	Future	4,455	14.3752	14.5034	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	Future	14,956	14.6178	14.7495	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	Future	70	14.8635	14.9992	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	70	15.1092	15.2489	0.0000	0.0000	0	0.00		
			838,854					28,943.00	402,422,673.00	126 951 211.00	1 433 497 687 873.90

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Option									
Dec 2016	ZAUS	11.80 Put	250	0.3505	0.3281	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.59 Put	2,800	3.3829	3.3449	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.75 Put	25,850	5.0726	4.8525	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.00 Put	166,585	11.4304	9.1969	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.22 Put	725	32.1802	22.4811	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Call	2,800	363.1728	466.7819	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	53.1728	36.8819	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	55.3335	38.3774	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	67.2186	46.6467	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	90.3034	62.9459	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	36,016	96.9214	67.6769	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	500	136.3244	202.1167	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	186.3244	132.2167	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	216.6162	153.8603	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	229.3824	164.3792	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.85 Put	20,000	283.9309	210.2731	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	320.6407	241.9253	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	49.3031	81.3641	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	399.3031	311.4641	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	40.9021	68.9402	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	36.4884	62.2897	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	35.1136	60.1987	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	483.7849	388.2692	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	501.2615	404.3861	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.14 Put	10,000	518.9079	420.7314	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	527.7916	428.9858	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	24.6722	43.9633	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	22.7723	40.9306	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	572.7723	471.0306	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	18.5915	34.1490	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	2,000	618.5915	514.2490	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	665.1259	558.4967	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	12.7951	24.4457	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	10.7006	19.4581	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	809.3753	696.1435	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	8.2476	14.0385	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	32,849	858.2476	744.1385	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	868.0427	753.7744	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	6.4592	10.8604	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	986.0207	870.1825	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	1015.6197	899.4720	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>
Dec 2016	ZAUS	14.69 Call	7,150	5.2526	8.7222	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	1055.1372	938.6181	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	1154.1466	1036.8719	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	3.9795	6.4784	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	3.6713	5.9387	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	2.8160	4.4503	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1352.8160	1234.5503	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	2.1075	3.6752	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1551.5864	1433.0984	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1561.5425	1443.0327	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	0.9160	1.9581	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1750.9160	1632.0581	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	0.7407	1.6677	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1850.7029	1731.7034	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1920.5863	1801.5013	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	2030.4438	1911.2433	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	2150.3307	2031.0260	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	0.2934	0.8511	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	0.2070	0.6682	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2350.2070	2230.7682	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	0.1619	0.5655	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	0.1057	0.4266	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2880.1013	2760.4235	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	0.1034	0.3166	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	3040.1194	2920.3738	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	0.1292	0.2532	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	0.1477	0.2227	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	0.1546	0.2132	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	0.1603	0.2061	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	0.2237	0.1539	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	0.2442	0.1433	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	0.2761	0.1304	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	0.2824	0.1282	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	0.1594	0.0871	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	0.1370	0.0736	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	0.1239	0.0658	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	0.1178	0.0622	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	0.0155	0.0065	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	0.0122	0.0049	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.0115	0.0046	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.0076	0.0029	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.0058	0.0021	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	19.75 Call	150	0.0014	0.0004	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.0012	0.0004	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.0008	0.0002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0005	0.0001	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0004	0.0001	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0003	0.0001	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.0002	0.0001	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0000	0.0000	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0000	0.0000	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0000	0.0000	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	47.7414	43.4083	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	75.4759	66.7579	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	95,797	173.6874	150.2985	148.0020	147.9545	15,983	0.00
Mar 2017	ZAUS	13.03 Put	1,000	181.5972	157.3636	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.10 Put	4,800	201.0322	174.7718	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.25 Put	100	249.6130	216.5862	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	348.2400	305.3094	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.65 Call	2,400	641.3481	715.5508	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	615.8725	688.2464	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.00 Call	1	481.7930	540.6915	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.00 Put	11,320	607.4930	543.7915	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	669.5462	602.3184	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	375.9989	424.6822	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	801.6989	727.7822	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Call	7,300	345.8159	391.3590	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	29,152	871.5159	794.4590	0.0000	0.0000	31,061	0.00
Mar 2017	ZAUS	14.44 Call	100	334.3967	378.7231	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	900.0967	821.8231	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	317.9384	360.4846	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	1056.1871	971.5631	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.91 Call	1,000	225.9395	257.3636	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.96 Call	3,000	216.7545	247.0712	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.00 Call	506	209.6863	239.1378	200.8020	188.4616	6	0.00
Mar 2017	ZAUS	15.10 Call	7,300	193.0341	220.4306	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1529.1269	1431.4464	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1640.9964	1541.6618	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	140.1900	161.6614	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1942.0122	1837.5499	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1978.1476	1873.1342	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	106.9013	123.6895	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.00 Call	11,320	90.4054	104.7820	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	29,152	75.3424	87.4574	0.0000	0.0000	15,980	0.00

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Mar 2017	ZAUS	16.50 Call	1,000	59.9681	69.7146	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2924.2201	2810.2446	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	39.0265	46.0797	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	29.8834	35.1400	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	10.2309	12.6633	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	10.1124	12.5202	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	5.1979	6.5395	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	3.2633	4.1506	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	0.2271	0.3061	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	624.5753	567.4907	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	645.2908	587.2232	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	776.8280	713.0022	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	817.5795	752.0175	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	847.4058	780.5058	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	908.5365	839.2497	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	2,500	650.9187	703.2318	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1284.5820	1203.2924	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	405.8920	440.8694	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1751.5564	1659.6320	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	332.4653	363.5774	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	1978.3653	1884.0774	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	320.3034	350.5235	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	318.6067	348.7001	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	295.8100	324.2002	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	280.5981	307.8350	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	257.9890	283.4793	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	202.3285	223.3796	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	114.6353	126.6449	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	90.3110	104.8722	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	45.6592	54.1317	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	277.3735	240.7409	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	10,000	354.2826	316.7791	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	500	494.9816	451.3093	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	645.2800	591.5986	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	650.1285	595.9409	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	893.1332	828.5580	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	950.9342	884.4930	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1040.3751	971.6093	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	434.7405	466.5323	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	372.5497	400.4640	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	650	345.4033	371.5877	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	341.5387	367.4735	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	18.00 Call	10,000	253.4770	269.9468	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.35 Put	52,000	523.8803	480.1044	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.00 Put	33,000	811.2425	751.6355	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.09 Put	16,000	858.3261	797.0968	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.15 Put	16,000	890.4382	828.1578	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.18 Put	16,000	906.7117	843.9084	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.50 Put	2,055	1088.9021	1020.7797	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.53 Put	22,000	1106.7629	1038.1732	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	16.55 Call	52,000	614.1034	651.1880	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	16.82 Call	22,000	564.7734	599.1926	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.13 Call	16,000	514.0613	545.7036	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.17 Call	16,000	507.9459	539.2478	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.20 Call	16,000	503.4151	534.4669	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.24 Call	33,000	497.4603	528.1795	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	18.06 Call	2,055	403.0553	424.7285	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	741.2949	690.5229	0.0000	0.0000	0	0.00	
			<u>2,439,364</u>					<u>63,030.00</u>	<u>0.00</u>	<u>31 019 683.00</u>
		Total	3,278,218					91,973.00	402,422,673.00	157 970 894.00
										1 433 497 687 873.90

Grand Total	3,795,210					117,741.00	808 700 808.50	210,231,318	1,979,154,632,092.90
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