



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-December-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	553.8786	725.8820	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	14.7414	14.6911	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	67	14.7482	14.6980	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	14.7690	14.7187	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	14.8522	14.8021	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	26	14.8661	14.8160	0.0000	0.0000	0	0.00		
Mar 2017	DAEU	Future	7	14.9766	14.9278	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	17.2831	17.0452	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	30	17.4677	17.2291	0.0000	0.0000	0	0.00		
Feb 2017	DAGB	Future	34	17.5707	17.3310	0.0000	0.0000	0	0.00		
Mar 2017	DAGB	Future	89	17.6876	17.4478	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	17.7825	17.5419	0.0000	0.0000	0	0.00		
			<u>240</u>					<u>0.00</u>	<u>0.00</u>	<u>51,141.00</u>	<u>837,617,418.80</u>
		Total	240					0.00	0.00	242,254.00	837,617,418.80
Future											
Dec 2016	DAUS	Future	353	13.7174	13.5297	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	13.7195	13.5322	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	1,777	13.7217	13.5347	0.0000	0.0000	488	6,631,773.60		
Dec 2016	DAUS	Future	720	13.7352	13.5503	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	2,562	13.7556	13.5700	0.0000	0.0000	87	1,184,748.60		
Jan 2017	DAUS	Future	2,000	13.7760	13.5896	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	13.7963	13.6088	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,600	13.8124	13.6244	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	184	13.8203	13.6322	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	13.8282	13.6400	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,339	13.8492	13.6608	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	5,745	13.9203	13.7312	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	365	13.9230	13.7339	0.0000	0.0000	0	0.00		
Mar 2017	DAUS	Future	1,561	14.0053	13.8159	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	40	14.0346	13.8452	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	14.0613	13.8718	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.3041	14.1120	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.5556	14.3594	0.0000	0.0000	0	0.00		
			<u>21,091</u>					<u>575.00</u>	<u>7,816,522.20</u>	<u>4,603,759.00</u>	<u>51,887,963,762.70</u>

Option

Dec 2016	DAUS	14.11 Put	30,000	397.9189	597.1263	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.15 Call	70	8.5519	8.4446	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.15 Put	70	436.2519	636.0446	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.75 Put	5,000	1031.9068	1226.1596	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	13.50 Put	20,000	115.1374	189.4466	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.30 Call	20,000	54.6916	34.4095	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	15.00 Call	20,000	14.0345	9.0533	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.95 Put	2,000	409.6092	540.2924	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	16.17 Call	2,000	7.2665	5.9284	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.28 Call	5,000	184.3596	146.0611	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.10 Put	1,000	539.8259	674.8248	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.89 Call	1,000	23.6513	18.9253	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.80 Put	1,000	364.4670	477.1074	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.41 Call	1,000	195.5954	158.3020	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.15 Put	210	586.8660	722.3317	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.07 Call	210	96.3201	78.9569	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	14.32 Put	1,500	736.2566	874.9670	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	15.03 Call	1,500	154.2937	130.3271	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.95 Put	1,000	581.3262	688.9227	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	17.02 Call	1,000	84.3161	77.0046	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.80 Put	1,000	518.0658	615.1560	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	14.10 Put	1,000	679.9469	792.3617	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	15.06 Call	1,000	352.1731	310.7039	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	16.67 Call	1,000	125.7629	110.9009	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.95 Put	1,000	667.8121	763.6529	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	17.98 Call	1,000	165.6497	153.8403	0.0000	0.0000	0	0.00		
			<u>119,560</u>					<u>0.00</u>	<u>0.00</u>	<u>10,306,147.00</u>	<u>0.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Total			140,651					575.00	7,816,522.20	14,909,906.00	51,887,963,762.70
Future											
Dec 2016	EUUS	Future	52	1.0638	1.0748	1.0797	1.0789	500	5,396,500.00		
Mar 2017	EUUS	Future	20	1.0683	1.0795	0.0000	0.0000	20	214,080.00		
Jun 2017	EUUS	Future	25,352	1.0735	1.0847	0.0000	0.0000	0	0.00		
			<u>25,424</u>					<u>520.00</u>	<u>5,610,580.00</u>	<u>392,124.00</u>	<u>4,414,516,720.00</u>
Total			25,424					520.00	5,610,580.00	392,124.00	4,414,516,720.00
Future											
Dec 2016	GBUS	Future	2	1.2596	1.2595	0.0000	0.0000	0	0.00		
Jun 2017	GBUS	Future	8,095	1.2652	1.2651	0.0000	0.0000	0	0.00		
			<u>8,097</u>					<u>0.00</u>	<u>0.00</u>	<u>12,531.00</u>	<u>157,699,877.00</u>
Total			8,097					0.00	0.00	12,531.00	157,699,877.00
Future											
Dec 2016	ZAAD	Future	8,045	10.2216	10.0935	10.2253	10.1712	1,503	15,305,381.70		
Mar 2017	ZAAD	Future	12,259	10.3705	10.2402	10.3645	10.3443	1,500	15,532,860.00		
Jun 2017	ZAAD	Future	102	10.5426	10.4118	0.0000	0.0000	0	0.00		
			<u>20,406</u>					<u>3,003.00</u>	<u>30,838,241.70</u>	<u>3,020,983.00</u>	<u>25,271,174,026.70</u>
Total			20,406					3,003.00	30,838,241.70	3,053,360.00	25,271,174,026.70
Future											
Dec 2016	ZACA	Future	12	10.3936	10.1964	0.0000	0.0000	0	0.00		
Mar 2017	ZACA	Future	160	10.5766	10.3756	0.0000	0.0000	0	0.00		
			<u>172</u>					<u>0.00</u>	<u>0.00</u>	<u>73,738.00</u>	<u>694,437,653.50</u>
Total			172					0.00	0.00	73,738.00	694,437,653.50
Future											
Dec 2016	ZACR	Future	10	1.9865	1.9587	0.0000	0.0000	0	0.00		
			<u>10</u>					<u>0.00</u>	<u>0.00</u>	<u>109,754.00</u>	<u>2,502,692,756.00</u>
Total			10					0.00	0.00	109,754.00	2,502,692,756.00
Future											
Dec 2016	ZAEU	Future	51,079	14.6068	14.5573	14.7100	14.5700	1,018	14,933,412.50		
Mar 2017	ZAEU	Future	44,913	14.9112	14.8620	15.0300	14.9300	729	10,945,500.00		
Jun 2017	ZAEU	Future	78,142	15.2641	15.2166	0.0000	0.0000	0	0.00		
Sep 2017	ZAEU	Future	1,156	15.5993	15.5478	15.5811	15.5811	6	93,600.00		
			<u>175,290</u>					<u>1,753.00</u>	<u>25,972,512.50</u>	<u>9,770,396.00</u>	<u>135,108,246,494.40</u>
Option											
Dec 2016	ZAEU	16.50 Call	450	3.6265	2.6128	0.0000	0.0000	0	0.00		

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Dec 2016	ZAEU	16.90 Put	2,961	2295.2194	2344.1225	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	21.90 Call	2,961	0.0000	0.0000	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.30 Put	1,000	263.2589	286.5094	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.80 Call	500	591.7519	572.5037	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	16.00 Call	680	217.5319	210.4481	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	17.17 Call	1,000	78.4047	75.6246	0.0000	0.0000	0	0.00	
			9,552					0.00	0.00	4,789,001.00
		Total	184,842					1,753.00	25,972,512.50	14,559,397.00
										135,108,246,494.40
Future										
Dec 2016	ZAFR	Future	1,718	13.5192	13.4244	0.0000	0.0000	0	0.00	
Mar 2017	ZAFR	Future	121	13.8170	13.7226	0.0000	0.0000	0	0.00	
			1,839					0.00	0.00	565,100.00
		Total	1,839					0.00	0.00	5,904,118,294.80
										565,100.00
Future										
Dec 2016	ZAGB	Future	32,715	17.2947	17.0589	17.3848	17.1200	1,284	22,263,430.90	
Mar 2017	ZAGB	Future	23,368	17.6183	17.3791	17.6800	17.4000	45	791,197.30	
Jun 2017	ZAGB	Future	32,002	17.9894	17.7479	0.0000	0.0000	0	0.00	
Sep 2017	ZAGB	Future	17	18.3399	18.0907	0.0000	0.0000	0	0.00	
Dec 2017	ZAGB	Future	5,698	18.6928	18.4416	0.0000	0.0000	0	0.00	
			93,800					1,329.00	23,054,628.20	7,050,530.00
										116,131,673,708.70
Option										
Dec 2016	ZAGB	15.89 Put	525	7.2449	12.9097	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Call	525	606.4769	442.0212	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Put	1,050	71.7769	143.1212	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	190.7277	315.5241	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Call	656	267.1153	182.2226	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Put	525	272.4153	423.3226	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Call	1,000	72.4500	47.8374	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Put	1,000	777.7500	988.9374	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	19.39 Call	525	4.6388	3.3692	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	4115.8229	4351.7609	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	0.0064	0.0061	0.0000	0.0000	0	0.00	
			20,461					0.00	0.00	1,751,613.00
		Total	114,261					1,329.00	23,054,628.20	8,802,143.00
										116,131,673,708.70
Future										
Dec 2016	ZAHK	Future	16,430	1.7702	1.7464	0.0000	0.0000	0	0.00	
Mar 2017	ZAHK	Future	3,500	1.8004	1.7761	0.0000	0.0000	0	0.00	
			19,930					0.00	0.00	56,677.00
										1,060,468,026.00

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Total			19,930					0.00	0.00	56,677.00	1,060,468,026.00	
Future												
	Dec 2016	ZAJY	Future	11,155	0.1203	0.1189	0.1195	0.1195	1	11,954.00		
	Mar 2017	ZAJY	Future	109	0.1228	0.1214	0.0000	0.0000	0	0.00		
				<u>11,264</u>					<u>1.00</u>	<u>11,954.00</u>	<u>888,416.00</u>	<u>9,852,114,618.90</u>
	Total			11,264					1.00	11,954.00	888,416.00	9,852,114,618.90
Future												
	Sep 2017	ZAKS	Future	1,382	0.1349	0.1330	0.0000	0.0000	0	0.00		
				<u>1,382</u>					<u>0.00</u>	<u>0.00</u>	<u>27,127.00</u>	<u>372,831,350.00</u>
	Total			1,382					0.00	0.00	27,127.00	372,831,350.00
Future												
	Mar 2017	ZANZ	Future	58	9.9738	9.8114	0.0000	0.0000	0	0.00		
				<u>58</u>					<u>0.00</u>	<u>0.00</u>	<u>144,158.00</u>	<u>1,103,292,270.00</u>
	Total			58					0.00	0.00	164,158.00	1,103,292,270.00
Future												
	Dec 2016	ZASD	Future	153	9.6480	9.5432	0.0000	0.0000	0	0.00		
	Mar 2017	ZASD	Future	36	9.8086	9.7018	0.0000	0.0000	0	0.00		
				<u>189</u>					<u>0.00</u>	<u>0.00</u>	<u>8,583.00</u>	<u>87,643,864.10</u>
	Total			189					0.00	0.00	8,583.00	87,643,864.10
Future												
	Dec 2016	ZATR	Future	83	3.9550	3.9771	0.0000	0.0000	0	0.00		
				<u>83</u>					<u>0.00</u>	<u>0.00</u>	<u>194.00</u>	<u>936,367.90</u>
	Total			83					0.00	0.00	194.00	936,367.90
Future												
	Dec 2016	ZAUM	Future	394	13.7302	13.5447	13.5731	13.5706	2	2,714,370.00		
	Mar 2017	ZAUM	Future	522	13.9572	13.7681	0.0000	0.0000	30	41,370,000.00		
	Jun 2017	ZAUM	Future	54	14.2187	14.0283	0.0000	0.0000	0	0.00		
				<u>970</u>					<u>32.00</u>	<u>44,084,370.00</u>	<u>134,319.00</u>	<u>152,206,207,540.00</u>
	Total			970					32.00	44,084,370.00	138,842.00	152,206,207,540.00
Future												
	Dec 2016	ZAUS	Future	349,673	13.7302	13.5447	13.8000	13.5210	81,656	1,113,464,380.80		
	Mar 2017	ZAUS	Future	302,822	13.9572	13.7681	14.0511	13.7468	67,304	933,228,660.70		
	Jun 2017	ZAUS	Future	188,216	14.2187	14.0283	14.1999	14.0419	5,074	71,873,646.50		
	Sep 2017	ZAUS	Future	4,455	14.4617	14.2665	14.2630	14.2630	5	71,400.00		

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Dec 2017	ZAUS	Future	14,956	14.7056	14.5080	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	Future	70	14.9466	14.7505	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	70	15.1877	14.9931	0.0000	0.0000	0	0.00		
			<u>860,262</u>					<u>154,039.00</u>	<u>2,118,638,088.00</u>	<u>126,820,925.00</u>	<u>1,431,698,640,321.00</u>

Option

Dec 2016	ZAUS	11.80 Put	250	0.6517	1.0650	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.59 Put	2,800	6.6660	8.2073	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.75 Put	25,850	8.9422	11.3619	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.00 Put	166,585	14.9765	29.9013	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.22 Put	725	36.1879	73.9000	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Call	2,800	448.5095	316.3138	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	58.3095	111.6138	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	60.5337	115.2480	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	72.6161	134.5979	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	95.4939	169.6883	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	36,016	101.9337	179.2605	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	500	213.5513	138.9130	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	183.3513	294.2130	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	208.6909	327.6842	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	219.4891	341.5381	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.85 Put	20,000	265.8260	399.4451	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	297.2650	437.5223	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	95.7103	62.2193	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	365.5103	517.5193	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	82.3309	53.9234	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	75.0424	49.4318	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	72.7310	48.0103	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	440.2772	601.9261	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	455.9375	619.2636	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.14 Put	10,000	471.8176	636.7394	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	479.8367	645.5274	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	54.4036	36.7808	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	50.8963	34.6349	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	520.6963	689.9349	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	42.9403	29.7618	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	2,000	562.7403	735.0618	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	605.8546	781.9004	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	31.2433	24.3576	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	25.0615	21.3946	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	740.5538	924.5464	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	18.9617	17.3503	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	32,849	788.7617	972.6503	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	14.51 Put	1,000	798.4310	982.2983	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	16.0169	14.1889	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	915.0707	1098.6802	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	944.3786	1127.9271	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	13.9352	11.9252	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	983.5309	1167.0022	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	1081.7328	1265.0325	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	11.6201	9.3898	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	11.0358	8.7486	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	9.3471	6.6646	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1279.1471	1461.9646	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	8.4082	5.4754	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1477.0775	1659.8258	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1486.9421	1669.7420	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	5.0553	3.1490	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1674.8553	1858.4490	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	4.3998	2.7421	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1774.0522	1957.9505	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1843.5808	2027.6576	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	1952.9620	2137.2728	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	2072.4231	2256.9372	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	2.4326	1.5185	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	1.9567	1.2216	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2271.7567	2456.5216	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	1.6812	1.0496	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	1.2970	0.8009	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2800.7765	2985.8919	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	0.9408	0.5765	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	2960.5268	3145.7816	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	0.6286	0.4362	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	0.4897	0.3691	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	0.4485	0.3484	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	0.4183	0.3330	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	0.2170	0.2209	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	0.1818	0.1988	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	0.1414	0.1547	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	0.1350	0.1428	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	0.0743	0.0617	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	0.0627	0.0522	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	0.0560	0.0468	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	0.0529	0.0442	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	0.0054	0.0048	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	18.98 Call	10,000	0.0041	0.0037	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.0038	0.0034	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.0024	0.0022	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.0018	0.0016	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.0004	0.0003	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.0003	0.0003	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.0002	0.0002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0001	0.0001	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0001	0.0001	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0001	0.0001	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.0000	0.0000	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	44.0594	59.2060	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	67.6857	94.4200	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	111,777	156.2306	208.2462	0.0000	0.0000	18,650	0.00
Mar 2017	ZAUS	13.03 Put	1,000	163.5743	0.0000	0.0000	0.0000	1,000	0.00
Mar 2017	ZAUS	13.10 Put	4,800	181.6606	240.2624	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.25 Put	100	225.0603	295.8053	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	318.2907	404.3448	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.65 Call	2,400	691.0470	597.0279	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	664.4912	573.4284	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.00 Put	11,320	565.0540	683.1547	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	624.9631	748.2131	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	410.2582	353.8991	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	753.0582	885.7991	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Call	7,300	378.1658	326.1459	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	820.9658	958.0459	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Call	100	366.0089	315.6441	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	848.8089	987.5441	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	348.4649	300.6527	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	1000.8857	1148.1821	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.91 Call	1,000	249.2542	0.0000	0.0000	0.0000	1,000	0.00
Mar 2017	ZAUS	14.96 Call	3,000	239.3164	207.4013	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.00 Call	500	231.6602	200.8554	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.10 Call	7,300	213.6054	185.4244	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1465.0945	1628.6072	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1575.9468	1741.5474	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	156.5479	135.4992	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1873.0240	2044.9649	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1908.7537	2081.3236	0.0000	0.0000	0	0.00

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Mar 2017	ZAUS	15.80 Call	180	119.8172	104.1932	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.00 Call	11,320	101.5310	88.5987	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	84.7767	74.2919	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.50 Call	1,000	67.6163	59.6056	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2848.2537	3029.6402	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	43.7258	38.2630	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	32.5135	29.1264	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	10.4752	9.5613	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	10.3524	9.4512	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	5.2766	4.8810	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	3.2918	3.0760	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	0.2197	0.2201	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	587.9428	680.6373	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	608.1080	702.4983	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	736.4422	840.8701	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	776.1741	883.5558	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	805.2576	914.6293	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	865.0321	978.1979	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	2,500	689.7971	618.7401	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1233.9444	1366.8020	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	434.3388	390.3711	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1694.4512	1842.6096	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	357.9123	320.4279	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	1919.2123	2072.1279	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	345.1418	308.9944	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	343.3590	307.3983	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	319.3886	285.9527	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	303.3779	271.6372	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	279.5466	250.3441	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	220.7003	197.8315	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	127.1952	117.2322	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	102.5650	88.8978	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	52.9298	45.4066	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	252.5601	301.8569	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	10,000	329.3437	382.8258	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	500	465.6444	532.4407	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	609.1652	693.8181	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	613.8715	698.8972	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	851.4938	952.2873	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	908.2066	1011.9855	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	996.3983	1104.4106	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	460.0363	417.6140	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	16.80 Call	110	394.9746	358.7847	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.00 Call	650	366.5295	333.1049	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.03 Call	110	362.4763	329.4454	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	18.00 Call	10,000	267.4125	248.3003	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	495.5882	560.7045	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	774.2851	862.1659	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.09 Put	16,000	820.3332	910.8928	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.15 Put	16,000	851.7644	944.0983	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.18 Put	16,000	867.7004	960.9064	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	1046.4277	1148.6863	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.53 Put	22,000	1063.9816	1166.8316	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.55 Call	52,000	642.2825	589.7264	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.82 Call	22,000	590.9702	542.6299	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	16,000	538.1653	494.2302	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.17 Call	16,000	531.7929	488.3945	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.20 Call	16,000	527.0774	484.0721	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	520.8659	478.3900	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	419.6590	390.6053	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	716.4985	786.0134	0.0000	0.0000	0	0.00		
			<u>2,487,297</u>					<u>20,650.00</u>	<u>0.00</u>	<u>30,956,650.00</u>	<u>0.00</u>
	Total		3,347,559					174,689.00	2,118,638,088.00	157,777,575.00	1,431,698,640,321.00
	Grand Total		3,899,838					181,902.00	2,256,026,896.60	209,978,560	1,976,474,874,590.50