



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 07-December-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	725.8820	631.0796	0.0000	0.0000	0	0.00		
			<u>20,000</u>					<u>0</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	14.6911	14.8017	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	67	14.6980	14.8087	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	14.7187	14.8299	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	14.8021	14.9155	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	26	14.8160	14.9299	0.0000	0.0000	0	0.00		
Mar 2017	DAEU	Future	7	14.9278	15.0427	0.0000	0.0000	0	0.00		
			<u>2,461</u>					<u>0</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	17.0452	17.3697	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	30	17.2291	17.5592	0.0000	0.0000	0	0.00		
Feb 2017	DAGB	Future	34	17.3310	17.6648	0.0000	0.0000	0	0.00		
Mar 2017	DAGB	Future	89	17.4478	17.7839	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	17.5419	17.8793	0.0000	0.0000	0	0.00		
			<u>240</u>					<u>0</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	13.5297	13.6408	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	13.5322	13.6433	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	1,777	13.5347	13.6458	0.0000	0.0000	18	243,981.00		
Dec 2016	DAUS	Future	720	13.5503	13.6626	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	2,649	13.5700	13.6823	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,000	13.5896	13.7019	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	13.6088	13.7212	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,600	13.6244	13.7372	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	184	13.6322	13.7452	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	13.6400	13.7532	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,339	13.6608	13.7744	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	5,745	13.7312	13.8468	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	365	13.7339	13.8495	0.0000	0.0000	0	0.00		
Mar 2017	DAUS	Future	1,561	13.8159	13.9321	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	40	13.8452	13.9613	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	13.8718	13.9879	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.1120	14.2305	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.3594	14.4826	0.0000	0.0000	0	0.00		
			<u>21,178</u>					<u>18.00</u>	<u>243,981.00</u>	<u>4 603 184.00</u>	<u>51 880 147 240.50</u>

Option

Dec 2016	DAUS	14.11 Put	30,000	597.1263	495.4288	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.15 Call	70	8.4446	14.1789	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.15 Put	70	636.0446	533.2789	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.75 Put	5,000	1226.1596	1114.7141	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	13.50 Put	20,000	189.4466	146.7366	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.30 Call	20,000	34.4095	52.6977	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	15.00 Call	20,000	9.0533	10.9596	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.95 Put	2,000	540.2924	471.9167	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	16.17 Call	2,000	5.9284	8.3230	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.28 Call	5,000	146.0611	178.5691	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.10 Put	1,000	674.8248	602.6384	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.89 Call	1,000	18.9253	25.4299	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.80 Put	1,000	477.1074	417.6990	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.41 Call	1,000	158.3020	189.5796	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.15 Put	210	722.3317	649.5168	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.07 Call	210	78.9569	97.0098	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	14.32 Put	1,500	874.9670	799.5368	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	15.03 Call	1,500	130.3271	152.4670	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.95 Put	1,000	688.9227	632.2483	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	17.02 Call	1,000	77.0046	86.1219	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.80 Put	1,000	615.1560	565.3979	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	14.10 Put	1,000	792.3617	733.3799	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	15.06 Call	1,000	310.7039	344.2850	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	16.67 Call	1,000	110.9009	125.1859	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.95 Put	1,000	763.6529	713.1193	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	17.98 Call	1,000	153.8403	166.9219	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			140,738					18.00	243,981.00	14 909 331.00	51 880 147 240.50
Future											
Dec 2016	EUUS	Future	52	1.0748	1.0739	0.0000	0.0000	0	0.00		
Mar 2017	EUUS	Future	40	1.0795	1.0787	0.0000	0.0000	0	0.00		
Jun 2017	EUUS	Future	25,352	1.0847	1.0840	0.0000	0.0000	0	0.00		
			<u>25,444</u>					<i>0.00</i>	<i>0.00</i>	391 604.00	4 408 906 140.00
Total			25,444					0.00	0.00	391 604.00	4 408 906 140.00
Future											
Dec 2016	GBUS	Future	2	1.2595	1.2730	0.0000	0.0000	0	0.00		
Jun 2017	GBUS	Future	8,095	1.2651	1.2788	0.0000	0.0000	0	0.00		
			<u>8,097</u>					<i>0.00</i>	<i>0.00</i>	12 531.00	157 699 877.00
Total			8,097					0.00	0.00	12 531.00	157 699 877.00
Future											
Dec 2016	ZAAD	Future	9,544	10.0935	10.1783	10.1734	10.1100	1,753	17,774,152.90		
Mar 2017	ZAAD	Future	11,159	10.2402	10.3273	10.3527	10.2500	1,751	18,005,189.20		
Jun 2017	ZAAD	Future	102	10.4118	10.4989	10.5269	10.5269	2	21,053.80		
			<u>20,805</u>					<i>3,506.00</i>	<i>35,800,395.90</i>	3 017 980.00	25 240 335 785.00
Total			20,805					3,506.00	35,800,395.90	3 050 357.00	25 240 335 785.00
Future											
Dec 2016	ZACA	Future	12	10.1964	10.2733	0.0000	0.0000	0	0.00		
Mar 2017	ZACA	Future	160	10.3756	10.4551	0.0000	0.0000	0	0.00		
			<u>172</u>					<i>0.00</i>	<i>0.00</i>	73 738.00	694 437 653.50
Total			172					0.00	0.00	73 738.00	694 437 653.50
Future											
Dec 2016	ZACR	Future	10	1.9587	1.9824	0.0000	0.0000	0	0.00		
			<u>10</u>					<i>0.00</i>	<i>0.00</i>	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	50,929	14.5573	14.6663	14.6336	14.5396	2,486	36,230,489.60		
Mar 2017	ZAEU	Future	44,809	14.8620	14.9768	14.9126	14.8599	15,986	237,765,562.30		
Jun 2017	ZAEU	Future	78,142	15.2166	15.3327	15.3103	15.2231	800	12,254,490.00		
Sep 2017	ZAEU	Future	1,156	15.5478	15.6714	0.0000	0.0000	1,137	17,730,264.30		
			<u>175,036</u>					<i>20,409.00</i>	<i>303,980,806.20</i>	9 768 643.00	135 082 273 981.90
Option											
Dec 2016	ZAEU	16.50 Call	450	2.6128	3.2874	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Dec 2016	ZAEU	16.90 Put	2,961	2344.1225	2235.4220	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	21.90 Call	2,961	0.0000	0.0001	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.30 Put	1,000	286.5094	256.6449	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.80 Call	500	572.5037	640.4897	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	16.00 Call	680	210.4481	240.0482	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	17.17 Call	1,000	75.6246	88.5916	0.0000	0.0000	0	0.00	
			9,552					0.00	0.00	4 789 001.00
		Total	184,588					20,409.00	303,980,806.20	14 557 644.00 135 082 273 981.90
Future										
Dec 2016	ZAFR	Future	1,718	13.4244	13.5323	0.0000	0.0000	0	0.00	
Mar 2017	ZAFR	Future	121	13.7226	13.8363	0.0000	0.0000	0	0.00	
			1,839					0.00	0.00	565 100.00 5 904 118 294.80
		Total	1,839					0.00	0.00	565 100.00 5 904 118 294.80
Future										
Dec 2016	ZAGB	Future	32,340	17.0589	17.3852	17.3578	17.1000	1,020	17,506,395.00	
Mar 2017	ZAGB	Future	23,355	17.3791	17.7142	17.6213	17.4200	2,670	46,642,761.50	
Jun 2017	ZAGB	Future	32,002	17.7479	18.0887	17.9650	17.9650	30	538,950.00	
Sep 2017	ZAGB	Future	17	18.0907	18.4432	0.0000	0.0000	0	0.00	
Dec 2017	ZAGB	Future	5,698	18.4416	18.8019	0.0000	0.0000	0	0.00	
			93,412					3,720.00	64,688,106.50	7 049 201.00 116 108 619 080.50
Option										
Dec 2016	ZAGB	15.89 Put	525	12.9097	9.2438	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Call	525	442.0212	691.5061	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Put	1,050	143.1212	66.3061	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	315.5241	172.8990	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Call	656	182.2226	331.7893	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Put	525	423.3226	246.5893	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Call	1,000	47.8374	102.0350	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Put	1,000	988.9374	716.8350	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	19.39 Call	525	3.3692	6.1998	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	4351.7609	4025.6725	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	0.0061	0.0304	0.0000	0.0000	0	0.00	
			20,461					0.00	0.00	1 751 613.00 0.00
		Total	113,873					3,720.00	64,688,106.50	8 800 814.00 116 108 619 080.50
Future										
Dec 2016	ZAHK	Future	16,430	1.7464	1.7610	0.0000	0.0000	0	0.00	
Mar 2017	ZAHK	Future	3,500	1.7761	1.7913	0.0000	0.0000	0	0.00	
			19,930					0.00	0.00	56 677.00 1 060 468 026.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
Total			19,930					0.00	0.00	56 677.00	1 060 468 026.00	
Future												
	Dec 2016	ZAJY	Future	11,155	0.1189	0.1199	0.1189	0.1189	7	83,258.00		
	Mar 2017	ZAJY	Future	109	0.1214	0.1224	0.1221	0.1221	7	85,435.00		
			<u>11,264</u>					<u>14.00</u>	<u>168,693.00</u>	<u>888 415.00</u>	<u>9 852 102 664.90</u>	
Total			11,264					14.00	168,693.00	888 415.00	9 852 102 664.90	
Future												
	Dec 2016	ZAKS	Future	0	0.1327	0.1338	0.0000	0.0000	1,382	18,352,960.00		
	Sep 2017	ZAKS	Future	1,382	0.1330	0.1327	0.0000	0.0000	1,382	18,131,840.00		
			<u>1,382</u>					<u>2,764.00</u>	<u>36,484,800.00</u>	<u>27 127.00</u>	<u>372 831 350.00</u>	
Total			1,382					2,764.00	36,484,800.00	27 127.00	372 831 350.00	
Future												
	Mar 2017	ZANZ	Future	58	9.8114	9.8592	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	9.5432	9.6258	0.0000	0.0000	0	0.00		
	Mar 2017	ZASD	Future	36	9.7018	9.7876	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	3.9771	3.9419	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	396	13.5447	13.6570	0.0000	0.0000	0	0.00		
	Mar 2017	ZAUM	Future	518	13.7681	13.8842	0.0000	0.0000	94	130,823,250.00		
	Jun 2017	ZAUM	Future	54	14.0283	14.1448	0.0000	0.0000	0	0.00		
			<u>968</u>					<u>94.00</u>	<u>130,823,250.00</u>	<u>134 287.00</u>	<u>152 162 123 170.00</u>	
Total			968					94.00	130,823,250.00	138 810.00	152 162 123 170.00	
Future												
	Dec 2016	ZAUS	Future	387,038	13.5447	13.6570	13.7208	13.5431	111,414	1,512,386,512.00		
	Mar 2017	ZAUS	Future	297,636	13.7681	13.8842	13.9350	13.7732	78,743	1,087,140,937.50		
	Jun 2017	ZAUS	Future	183,315	14.0283	14.1448	14.1781	14.0430	580	8,151,245.40		

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Sep 2017	ZAUS	Future	4,450	14.2665	14.3885	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	Future	14,956	14.5080	14.6336	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	Future	70	14.7505	14.8823	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	70	14.9931	15.1309	0.0000	0.0000	0	0.00		
			<u>887,535</u>					<u>190,737.00</u>	<u>2,607,678,694.90</u>	<u>126 666 886.00</u>	<u>1 429 580 002 233.00</u>

Option

Dec 2016	ZAUS	11.80 Put	250	1.0650	0.9933	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.59 Put	2,800	8.2073	8.2700	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.75 Put	25,850	11.3619	11.1876	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.00 Put	166,585	29.9013	21.5697	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.22 Put	725	73.9000	54.4014	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Call	2,800	316.3138	400.5764	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	111.6138	83.5764	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	115.2480	86.4315	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	134.5979	101.7488	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	169.6883	129.9988	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	36,016	179.2605	137.8035	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	500	138.9130	190.8831	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	294.2130	233.8831	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	327.6842	263.5713	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	341.5381	275.9469	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.85 Put	20,000	399.4451	328.1684	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	437.5223	362.8961	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	62.2193	93.7180	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	517.5193	436.7180	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	53.9234	82.6072	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	49.4318	76.5146	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	48.0103	74.5742	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	601.9261	515.6780	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	619.2636	532.0154	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.14 Put	10,000	636.7394	548.5190	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	645.5274	556.8322	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	36.7808	59.0041	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	34.6349	55.9721	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	689.9349	598.9721	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	29.7618	49.0074	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	2,000	735.0618	642.0074	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	781.9004	685.8498	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	24.3576	38.4507	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	21.3946	33.4529	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	924.5464	822.9464	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	17.3503	26.8414	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	14.50 Put	32,849	972.6503	869.8414	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	982.2983	879.2645	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	14.1889	21.6509	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	1098.6802	993.3213	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	1127.9271	1022.0834	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	11.9252	17.9304	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	1167.0022	1060.5641	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	1265.0325	1157.3343	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	9.3898	13.7737	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	8.7486	12.7271	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	6.6646	9.7285	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1461.9646	1352.7285	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	5.4754	7.9611	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1659.8258	1549.5496	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1669.7420	1559.4249	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	3.1490	4.5063	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1858.4490	1747.5063	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	2.7421	3.9042	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1957.9505	1846.7688	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	2027.6576	1916.3366	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	2137.2728	2025.7703	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	2256.9372	2145.2786	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	1.5185	2.1053	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	1.2216	1.6736	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2456.5216	2344.6736	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	1.0496	1.4250	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	0.8009	1.0805	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2985.8919	2873.8858	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	0.5765	0.8756	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	3145.7816	3033.8109	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	0.4362	0.7789	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	0.3691	0.7303	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	0.3484	0.7149	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	0.3330	0.7032	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	0.2209	0.6155	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	0.1988	0.5975	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	0.1547	0.5755	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	0.1428	0.5718	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	0.0617	0.3222	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	0.0522	0.2809	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	0.0468	0.2562	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	0.0442	0.2447	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	18.89 Call	17,000	0.0048	0.0389	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	0.0037	0.0311	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.0034	0.0296	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.0022	0.0203	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.0016	0.0158	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.0003	0.0043	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.0003	0.0037	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.0002	0.0026	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0001	0.0018	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0001	0.0015	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0001	0.0010	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.0000	0.0008	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0000	0.0002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0000	0.0001	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0000	0.0001	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	59.2060	54.0363	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	94.4200	82.8843	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	102,452	208.2462	185.2208	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.10 Put	4,800	240.2624	0.0000	0.0000	0.0000	9,600	0.00
Mar 2017	ZAUS	13.25 Put	100	295.8053	261.8884	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	404.3448	361.9108	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.65 Call	2,400	597.0279	0.0000	0.0000	0.0000	2,400	0.00
Mar 2017	ZAUS	13.70 Call	1,603	573.4284	640.1537	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.00 Put	11,320	683.1547	621.0989	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	748.2131	682.8542	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	353.8991	398.3916	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	885.7991	814.1916	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Call	7,300	326.1459	367.7112	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	958.0459	883.5112	0.0000	0.0000	348	0.00
Mar 2017	ZAUS	14.44 Call	100	315.6441	356.0770	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	987.5441	911.8770	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	300.6527	339.2837	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	1148.1821	1066.5599	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.96 Call	3,000	207.4013	0.0000	0.0000	0.0000	3,000	0.00
Mar 2017	ZAUS	15.00 Call	500	200.8554	227.6931	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.10 Call	7,300	185.4244	210.3747	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1628.6072	1535.6955	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1741.5474	1646.9312	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	135.4992	155.1417	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	2044.9649	1945.5053	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	2081.3236	1981.3690	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	104.1932	119.6201	0.0000	0.0000	0	0.00

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Mar 2017	ZAUS	16.00 Call	11,320	88.5987	101.8460	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	74.2919	85.4921	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.50 Call	1,000	59.6056	68.6527	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	3029.6402	2922.4216	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	38.2630	46.7813	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	29.1264	37.1221	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	9.5613	14.7040	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	9.4512	14.5475	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	4.8810	7.8988	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	3.0760	5.1555	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	0.2201	0.4509	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	680.6373	632.2487	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	702.4983	653.1366	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	840.8701	785.5969	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	883.5558	826.5217	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	914.6293	856.3990	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	978.1979	917.6142	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	2,500	618.7401	670.7775	0.0000	0.0000	1,500	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1366.8020	1293.6160	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	390.3711	424.8166	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1842.6096	1759.5771	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	320.4279	350.5988	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2072.1279	1985.7988	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	308.9944	338.2833	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	307.3983	336.5599	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	285.9527	313.4332	0.0000	0.0000	6,000	0.00
Jun 2017	ZAUS	16.10 Call	1,400	271.6372	297.9735	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	250.3441	274.9516	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	197.8315	218.0175	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	117.2322	127.6425	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	88.8978	101.7610	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	45.4066	52.9192	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	301.8569	275.3774	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	10,000	382.8258	355.6580	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	500	532.4407	498.0032	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	693.8181	648.2429	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	698.8972	653.1209	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	952.2873	897.5236	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1011.9855	955.6047	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1104.4106	1045.5069	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	417.6140	451.7889	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	358.7847	388.7413	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	17.00 Call	650	333.1049	361.1615	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.03 Call	110	329.4454	357.2314	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	18.00 Call	10,000	248.3003	266.0046	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	560.7045	526.4294	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	862.1659	814.5932	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.09 Put	16,000	910.8928	861.7896	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.15 Put	16,000	944.0983	893.9794	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.18 Put	16,000	960.9064	910.2881	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	1148.6863	1092.8303	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.53 Put	22,000	1166.8316	1110.7240	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.55 Call	52,000	589.7264	631.8413	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.82 Call	22,000	542.6299	581.9195	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	16,000	494.2302	530.5381	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.17 Call	16,000	488.3945	524.3342	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.20 Call	16,000	484.0721	519.7421	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	478.3900	513.6991	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	390.6053	416.2236	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	786.0134	748.7346	0.0000	0.0000	0	0.00		
			<u>2,475,972</u>					<u>22,848.00</u>	<u>0.00</u>	<u>30 936 000.00</u>	<u>0.00</u>
	Total		3,363,507					213,585.00	2,607,678,694.90	157 602 886.00	1 429 580 002 233.00
Grand Total			3,915,648					244,110.00	3 179 868 727.50	209,796,658	1,974,218,847,693.90