



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 01-December-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	294.5660	370.5980	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	15.1756	15.0743	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	15.2050	14.9244	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	15.2919	15.1896	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	26	15.3064	15.1785	0.0000	0.0000	26	394,641.00		
Mar 2017	DAEU	Future	2	15.4224	15.3195	0.0000	0.0000	0	0.00		
			<u>2,389</u>					<u>26.00</u>	<u>394,641.00</u>	<u>108 385.00</u>	<u>1 384 180 723.80</u>
		Total	2,389					26.00	394,641.00	397 985.00	1 384 180 723.80
Future											
Dec 2016	DAGB	Future	35	17.8738	17.4782	0.0000	0.0000	0	0.00		
Dec 2016	DAGB	Future	14	17.9005	17.5224	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	30	18.0975	17.7144	0.0000	0.0000	18	320,220.00		
Feb 2017	DAGB	Future	34	18.2048	17.8950	0.0000	0.0000	34	608,430.00		
Mar 2017	DAGB	Future	31	18.3281	17.9398	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	18.4268	18.0358	0.0000	0.0000	0	0.00		
			<u>217</u>					<u>52.00</u>	<u>928,650.00</u>	<u>51 048.00</u>	<u>835 951 023.30</u>
		Total	217					52.00	928,650.00	242 161.00	835 951 023.30
Future											
Dec 2016	DAUS	Future	353	14.1676	14.0647	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	14.1705	14.0677	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	1,777	14.1735	14.0706	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	720	14.1911	14.0880	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	1,776	14.2118	14.1083	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	790	14.2147	14.1112	0.0000	0.0000	0	0.00		

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Jan 2017	DAUS	Future	2,000	14.2324	14.1285	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	50	14.2521	14.1479	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,600	14.2688	14.1646	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	174	14.2771	14.1729	0.0000	0.0000	5	70,707.00		
Jan 2017	DAUS	Future	70	14.2855	14.1812	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	3,189	14.3078	14.2034	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	2,105	14.3818	14.2764	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	365	14.3846	14.2390	0.0000	0.0000	365	5,197,235.00		
Mar 2017	DAUS	Future	1,376	14.4706	14.3644	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	40	14.5012	14.3947	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	14.5291	14.4222	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.7832	14.6733	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	15.0475	14.9349	0.0000	0.0000	0	0.00		
			<u>18,110</u>					<u>370.00</u>	<u>5,267,942.00</u>	<u>4 566 684.00</u>	<u>51 377 364 502.50</u>

Option

Dec 2016	DAUS	13.75 Call	15,000	439.1677	355.7848	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.00 Put	15,000	105.8798	151.1950	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.35 Call	7,000	93.9241	66.8110	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.11 Put	30,000	183.8200	236.3955	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.75 Put	5,000	639.4066	735.7250	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.50 Put	20,000	46.2541	75.3033	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.30 Call	20,000	232.0971	204.2462	0.0000	0.0000	0	0.00
Dec 2016	DAUS	15.00 Call	20,000	63.9956	59.0988	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	243.1446	290.2086	0.0000	0.0000	0	0.00
Jan 2017	DAUS	16.17 Call	2,000	36.6246	33.9292	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.28 Call	5,000	405.5211	363.9691	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.10 Put	1,000	341.5552	395.2751	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.89 Call	1,000	78.4874	75.5986	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.80 Put	1,000	223.3961	266.3592	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.41 Call	1,000	400.4764	363.6719	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.15 Put	210	380.1195	435.8196	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.07 Call	210	218.6984	201.0090	0.0000	0.0000	0	0.00
Feb 2017	DAUS	14.32 Put	1,500	510.0004	570.2028	0.0000	0.0000	0	0.00
Feb 2017	DAUS	15.03 Call	1,500	299.6699	276.4037	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.95 Put	1,000	420.1613	466.0611	0.0000	0.0000	0	0.00
Apr 2017	DAUS	17.02 Call	1,000	149.7611	142.4532	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.80 Put	1,000	375.6906	415.1544	0.0000	0.0000	0	0.00
Apr 2017	DAUS	14.10 Put	1,000	501.1805	552.4480	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.06 Call	1,000	541.3377	506.8332	0.0000	0.0000	0	0.00
Apr 2017	DAUS	16.67 Call	1,000	214.3818	202.2628	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.95 Put	1,000	512.4449	552.3951	0.0000	0.0000	0	0.00
Jul 2017	DAUS	17.98 Call	1,000	237.0656	223.3101	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	174,530					370.00	5,267,942.00	14 872 691.00	51 377 364 502.50	
Future												
	Dec 2016	EUUS	Future	52	1.0600	1.0607	0.0000	0.0000	0	0.00		
	Jun 2017	EUUS	Future	25,302	1.0700	1.0707	0.0000	0.0000	0	0.00		
				25,354					0.00	0.00	378 124.00	4 262 466 895.00
		Total	25,354					0.00	0.00	378 124.00	4 262 466 895.00	
Future												
	Dec 2016	GBUS	Future	1,411	1.2630	1.2454	0.0000	0.0000	707	8,858,003.00		
	Jun 2017	GBUS	Future	8,095	1.2689	1.2512	0.0000	0.0000	0	0.00		
				9,506					707.00	8,858,003.00	11 122.00	139 721 719.00
		Total	9,506					707.00	8,858,003.00	11 122.00	139 721 719.00	
Future												
	Dec 2016	ZAAD	Future	11,241	10.4604	10.4469	0.0000	0.0000	1,000	10,352,500.00		
	Mar 2017	ZAAD	Future	10,587	10.6131	10.5988	0.0000	0.0000	0	0.00		
	Jun 2017	ZAAD	Future	91	10.7912	10.7756	0.0000	0.0000	0	0.00		
				21,919					1,000.00	10,352,500.00	3 007 832.00	25 135 072 564.90
		Total	21,919					1,000.00	10,352,500.00	3 040 209.00	25 135 072 564.90	
Future												
	Dec 2016	ZACA	Future	12	10.5947	10.5072	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	2.0544	2.0352	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	51,088	15.0366	14.9365	15.0252	14.9048	5,242	78,299,711.20		
	Mar 2017	ZAEU	Future	29,347	15.3545	15.2521	15.3629	15.2982	190	2,917,863.00		
	Jun 2017	ZAEU	Future	77,642	15.7218	15.6153	15.7000	15.5538	45	705,868.80		
	Sep 2017	ZAEU	Future	19	16.0720	15.9617	0.0000	0.0000	0	0.00		
				158,096					5,477.00	81,923,443.00	9 739 953.00	134 652 596 842.20
Option												
	Dec 2016	ZAEU	16.50 Call	450	16.1554	14.4572	0.0000	0.0000	0	0.00		
	Dec 2016	ZAEU	16.90 Put	2,961	1872.0281	1971.8169	0.0000	0.0000	0	0.00		

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Dec 2016	ZAEU	21.90 Call	2,961	0.0574	0.0482	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	14.30 Put	1,000	197.3455	220.2093	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	14.80 Call	500	910.3009	843.9143	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	16.00 Call	680	386.2961	353.3152	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	17.17 Call	1,000	161.9322	149.8579	0.0000	0.0000	0	0.00
			9,552					0.00	0.00
		Total	167,648					5,477.00	81,923,443.00
									14 528 954.00
									134 652 596 842.20
Future									
Dec 2016	ZAFR	Future	1,718	13.9669	13.8473	0.0000	0.0000	477	6,605,162.10
			1,718					477.00	6,605,162.10
		Total	1,718					477.00	6,605,162.10
									564 979.00
									5 902 436 443.20
Future									
Dec 2016	ZAGB	Future	44,453	17.9166	17.5381	17.9114	17.7055	4,124	72,635,351.80
Mar 2017	ZAGB	Future	10,144	18.2558	17.8693	18.2528	17.9335	46	826,119.30
Jun 2017	ZAGB	Future	32,004	18.6444	18.2485	0.0000	0.0000	0	0.00
Sep 2017	ZAGB	Future	17	19.0109	18.6061	0.0000	0.0000	0	0.00
Dec 2017	ZAGB	Future	5,698	19.3832	18.9705	0.0000	0.0000	11,396	216,943,372.80
			92,316					15,566.00	290,404,843.90
									7 014 149.00
									115 485 962 946.30
Option									
Dec 2016	ZAGB	15.89 Put	525	4.9103	11.0168	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	16.76 Call	525	1186.5784	846.2489	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	16.76 Put	1,050	29.9784	68.1489	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.13 Put	4,885	69.0620	163.2600	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.30 Call	656	722.0969	465.6625	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.30 Put	525	105.4969	227.5625	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.80 Put	800	285.5323	500.8088	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	18.00 Call	1,000	308.9215	179.8696	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	18.00 Put	1,000	392.3215	641.7696	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	19.39 Call	525	35.1338	18.2765	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	21.41 Put	4,885	3495.8995	3874.2709	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	24.46 Call	4,885	0.5158	0.2515	0.0000	0.0000	0	0.00
			21,261					0.00	0.00
		Total	113,577					15,566.00	290,404,843.90
									8 764 962.00
									115 485 962 946.30
Future									
Dec 2016	ZAHK	Future	16,430	1.8291	1.8158	0.0000	0.0000	0	0.00
Mar 2017	ZAHK	Future	3,500	1.8605	1.8470	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

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	ZAJY	Future	11,155	0.1238	0.1241	0.0000	0.0000	0	0.00		
			<u>11,155</u>					<u>0.00</u>	<u>0.00</u>	<u>888 292.00</u>	<u>9 850 595 299.30</u>
		Total	11,155					0.00	0.00	888 292.00	9 850 595 299.30
Future											
Dec 2016	ZAKS	Future	1,382	0.1389	0.1379	0.0000	0.0000	0	0.00		
			<u>1,382</u>					<u>0.00</u>	<u>0.00</u>	<u>24 363.00</u>	<u>336 346 550.00</u>
		Total	1,382					0.00	0.00	24 363.00	336 346 550.00
Future											
Dec 2016	ZASD	Future	153	9.9174	9.8508	0.0000	0.0000	0	0.00		
			<u>153</u>					<u>0.00</u>	<u>0.00</u>	<u>8 583.00</u>	<u>87 643 864.10</u>
		Total	153					0.00	0.00	8 583.00	87 643 864.10
Future											
Dec 2016	ZATR	Future	83	4.0346	4.0916	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	458	14.1853	14.0822	14.1023	14.1023	10	14,102,300.00		
Mar 2017	ZAUM	Future	91	14.4205	14.3148	0.0000	0.0000	0	0.00		
Jun 2017	ZAUM	Future	55	14.6936	14.5848	0.0000	0.0000	0	0.00		
			<u>604</u>					<u>10.00</u>	<u>14,102,300.00</u>	<u>133 381.00</u>	<u>150 893 657 350.00</u>
		Total	604					10.00	14,102,300.00	137 904.00	150 893 657 350.00
Future											
Dec 2016	ZAUS	Future	395,775	14.1853	14.0822	14.1993	13.9897	49,122	692,412,144.30		
Mar 2017	ZAUS	Future	172,954	14.4205	14.3148	14.3700	14.2300	3,349	47,757,077.70		
Jun 2017	ZAUS	Future	180,842	14.6936	14.5848	14.5250	14.5250	5	72,625.00		
Sep 2017	ZAUS	Future	4,400	14.9486	14.8369	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	Future	14,956	15.2055	15.0921	0.0000	0.0000	28,572	429,945,741.60		
Mar 2018	ZAUS	Future	70	15.4618	15.3494	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	70	15.7180	15.6067	0.0000	0.0000	0	0.00		
			<u>769,067</u>					<u>81,048.00</u>	<u>1,170,187,588.60</u>	<u>126 138 491.00</u>	<u>1 422 256 191 627.90</u>
Option											
Dec 2016	ZAUS	11.80 Put	250	0.5910	1.7855	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	12.59 Put	2,800	5.5931	8.3084	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	12.75 Put	25,850	8.6214	11.7057	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.00 Put	166,585	14.3792	20.4066	0.0000	0.0000	37	0.00		

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Dec 2016	ZAUS	13.22 Put	725	22.1970	33.3398	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Call	2,800	873.6637	785.7662	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	28.3637	43.5662	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	28.9571	44.5466	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	32.1339	52.1610	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	38.0383	66.4098	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	55,386	39.6961	70.3925	0.0000	0.0000	10,608	0.00
Dec 2016	ZAUS	13.70 Call	500	563.4400	502.7571	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	78.1400	120.5571	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	90.9068	136.2788	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	96.3999	142.9460	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.85 Put	20,000	120.6632	171.8420	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	137.7443	191.7426	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	361.7722	318.0729	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	176.4722	235.8729	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	333.4511	292.3160	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	317.2022	278.5925	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	311.9106	274.1338	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	221.3795	287.5321	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	231.1035	298.8983	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.14 Put	10,000	241.0735	310.4913	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	246.1510	316.3701	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	267.0466	236.5402	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	257.7454	228.7899	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	272.4454	346.5899	0.0000	0.0000	19	0.00
Dec 2016	ZAUS	14.25 Call	2,000	236.3157	210.3396	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	2,000	301.0157	378.1396	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	331.0396	410.9637	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	201.3699	180.3041	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	180.5333	162.4119	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	429.2856	516.5149	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	149.8583	136.0586	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	32,849	464.5583	553.8586	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	471.7538	561.4470	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	123.8050	113.6236	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	561.5127	655.3871	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	584.8741	679.6473	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	103.8762	96.3931	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	616.5506	712.4367	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	698.1810	795.9094	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	80.1940	75.0353	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	73.9755	69.2100	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	15.00 Call	88,249	55.6965	51.8971	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	870.3965	969.6971	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	45.3968	42.0641	0.0000	0.0000	1,010	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1051.6510	1151.7822	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1060.8956	1161.0589	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	24.4206	21.9877	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1239.1206	1339.7877	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	20.6850	18.7495	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1334.5439	1435.9471	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1401.8621	1504.0071	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	1508.9272	1611.4221	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	1626.5585	1729.1333	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	11.0146	10.5155	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	8.8908	8.4510	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	1823.5908	1926.2510	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	7.6504	7.2420	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	5.9069	5.5391	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2349.2384	2452.0018	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	4.4356	4.1015	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	2508.4966	2611.2780	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	3.4864	3.1759	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	3.0222	2.8838	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	2.8773	2.8672	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	2.7682	2.8553	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	2.7556	2.7965	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	2.8036	2.7956	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	2.8816	2.8045	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	2.8973	2.8075	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	3.0784	2.8587	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	3.1173	2.8727	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	3.1440	2.8827	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	3.1575	2.8880	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	1.6806	0.9848	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	1.4503	0.8410	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	1.4034	0.8119	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	1.0947	0.6223	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.9261	0.5203	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.3940	0.2084	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.3548	0.1863	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.2775	0.1433	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.2205	0.1120	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.1912	0.0961	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	20.30 Call	10,000	0.1487	0.0735	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.1334	0.0654	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0495	0.0226	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0261	0.0114	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0233	0.0101	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	33.8977	37.6918	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	52.7770	60.1363	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	102,452	106.0584	125.2967	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.25 Put	100	154.1886	178.7118	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	216.4800	246.8018	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	998.0476	930.3892	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.00 Put	11,320	397.1408	444.1251	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	442.7366	492.6649	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	662.8573	612.8381	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	542.3573	598.0381	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	596.2833	656.4119	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Call	100	599.6648	555.2866	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	619.1648	680.4866	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	574.7716	532.1561	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	746.0462	813.3614	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.00 Call	500	401.2023	371.6596	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1149.3655	1231.1848	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1249.1750	1333.6155	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	284.2417	265.2108	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1522.5878	1612.8927	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1555.8048	1646.7113	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	226.5014	212.2356	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.00 Call	11,320	195.8451	183.9565	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	166.7284	157.3944	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.50 Call	1,000	136.0755	129.3984	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2443.2452	2544.1544	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	95.3126	92.0291	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	76.9101	77.0648	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	40.7897	48.3148	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	40.5782	48.1414	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	27.1389	32.5743	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	19.1276	23.5321	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	2.5778	3.6848	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	443.5862	482.9851	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	458.9889	500.2431	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	562.8188	610.9551	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	596.0504	645.5223	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	14.23 Put	2,000	620.4144	670.8236	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	670.6959	722.9544	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	1,000	954.4109	900.9209	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	989.0080	1051.8027	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	621.2940	584.2901	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1399.0517	1472.6596	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	520.3965	489.1708	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	1606.7965	1684.3708	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	503.8737	473.5664	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	501.5602	471.3854	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	2,000	470.3760	441.5874	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	449.4246	421.1009	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	417.0057	390.4271	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	334.4585	313.6157	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	185.3161	180.1789	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	157.9951	155.1121	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	98.6722	90.7106	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	184.6651	204.9080	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	10,000	244.1791	267.1130	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	500	362.7838	388.7590	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	482.7085	512.1131	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	486.4058	515.9456	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	675.7441	714.6485	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	724.4571	764.9568	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	800.8067	843.6872	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	625.6989	584.0048	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	541.6201	504.1124	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	650	504.3409	468.9182	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	499.0088	463.8896	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	10,000	358.7196	334.7421	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	394.1734	415.4608	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	634.0610	661.4078	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.09 Put	16,000	671.8519	700.3114	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.15 Put	16,000	697.7346	726.9369	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.18 Put	16,000	710.8874	740.4623	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	860.7096	896.6569	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.53 Put	22,000	876.1319	912.4685	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.55 Call	52,000	832.4369	779.2800	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.82 Call	22,000	768.8065	718.1278	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	16,000	702.4207	654.7011	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.17 Call	16,000	694.3686	647.0164	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.20 Call	16,000	688.4066	641.3278	0.0000	0.0000	0	0.00

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Dec 2017	ZAUS	17.24 Call	33,000	680.5568	633.8398	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	18.06 Call	2,055	541.7475	501.7988	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	600.8354	625.9052	0.0000	0.0000	0	0.00	
			<u>2,466,042</u>					<u>11,674.00</u>	<u>0.00</u>	<u>30 853 882.00</u>
		Total	3,235,109					92,722.00	1,170,187,588.60	156 992 373.00
										1 422 256 191 627.90

Grand Total			3,805,296					116,407.00	1 589 025 073.60	209,055,789	1,963,758,792,555.80
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