



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 21-November-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	308.7253	269.8513	0.0000	0.0000	0	0.00		
			<u>20,000</u>					<u>0.00</u>	<u>0.00</u>	<u>20,000.00</u>	<u>7,214,600.00</u>
		Total	20,000					0.00	0.00	20,000.00	7,214,600.00
Future											
Nov 2016	DACR	Future	435	2.0629	2.0827	0.0000	0.0000	0	0.00		
			<u>435</u>					<u>0.00</u>	<u>0.00</u>	<u>435.00</u>	<u>9,090,195.00</u>
		Total	435					0.00	0.00	435.00	9,090,195.00
Future											
Nov 2016	DAEU	Future	34	15.1242	15.2241	0.0000	0.0000	0	0.00		
Nov 2016	DAEU	Future	500	15.1327	15.2330	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	15.1873	15.2877	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	15.4710	15.5758	0.0000	0.0000	0	0.00		
			<u>2,546</u>					<u>0.00</u>	<u>0.00</u>	<u>107,125.00</u>	<u>1,365,572,680.80</u>
		Total	2,546					0.00	0.00	396,725.00	1,365,572,680.80
Future											
Dec 2016	DAGB	Future	35	17.7932	17.7512	0.0000	0.0000	0	0.00		
Dec 2016	DAGB	Future	14	17.8437	17.8015	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	12	18.0417	17.9993	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	18.3743	18.3332	0.0000	0.0000	0	0.00		
			<u>134</u>					<u>0.00</u>	<u>0.00</u>	<u>50,945.00</u>	<u>834,115,587.30</u>
		Total	134					0.00	0.00	242,058.00	834,115,587.30
Future											
Nov 2016	DAUS	Future	6,290	14.2485	14.3670	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	78	14.2531	14.3717	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	275	14.2908	14.4104	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	14.2938	14.4134	0.0000	0.0000	0	0.00		

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Dec 2016	DAUS	Future	1,777	14.2967	14.4164	0.0000	0.0000	1,777	25,543,486.50		
Dec 2016	DAUS	Future	720	14.3144	14.4343	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	790	14.3376	14.4577	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,000	14.3549	14.4752	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	50	14.3751	14.4956	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,600	14.3924	14.5131	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	112	14.4011	14.5219	0.0000	0.0000	4	57,798.00		
Jan 2017	DAUS	Future	70	14.4098	14.5306	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	3,189	14.4331	14.5546	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	2,105	14.5114	14.6349	0.0000	0.0000	0	0.00		
Mar 2017	DAUS	Future	1,176	14.6012	14.7256	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	40	14.6321	14.7568	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	14.6602	14.7851	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.9157	15.0427	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	15.1822	15.3112	0.0000	0.0000	0	0.00		
			<u>21,997</u>					<u>1,781.00</u>	<u>25,601,284.50</u>	<u>4,555,117.00</u>	<u>51,215,799,478.70</u>

Option

Nov 2016	DAUS	11.80 Put	250	0.1035	0.1248	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.50 Put	150	12.0714	13.2730	0.0000	0.0000	0	0.00
Nov 2016	DAUS	19.40 Call	400	0.0373	0.0250	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.75 Call	15,000	578.4449	680.6936	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.00 Put	15,000	139.0157	112.0399	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.35 Call	7,000	227.2514	297.0505	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.11 Put	30,000	201.4459	168.6529	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.75 Put	5,000	606.7653	536.0899	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	251.4242	228.7026	0.0000	0.0000	0	0.00
Jan 2017	DAUS	16.17 Call	2,000	78.0787	101.6153	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.28 Call	5,000	525.2742	611.4798	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.10 Put	1,000	342.4073	312.1060	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.89 Call	1,000	139.1265	170.1265	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.80 Put	1,000	229.1227	207.2985	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.41 Call	1,000	516.3639	594.7975	0.0000	0.0000	0	0.00
Jan 2017	DAUS	14.15 Put	210	380.6554	345.8934	0.0000	0.0000	0	0.00
Jan 2017	DAUS	15.07 Call	210	311.4855	363.8120	0.0000	0.0000	0	0.00
Feb 2017	DAUS	14.32 Put	1,500	506.8903	458.9731	0.0000	0.0000	0	0.00
Feb 2017	DAUS	15.03 Call	1,500	400.6674	452.7166	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.95 Put	1,000	416.9181	373.5237	0.0000	0.0000	0	0.00
Apr 2017	DAUS	17.02 Call	1,000	207.3803	230.3629	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.80 Put	1,000	374.2070	334.8964	0.0000	0.0000	0	0.00
Apr 2017	DAUS	14.10 Put	1,000	497.6084	447.2251	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.06 Call	1,000	647.2759	699.5609	0.0000	0.0000	0	0.00
Apr 2017	DAUS	16.67 Call	1,000	281.5075	309.4149	0.0000	0.0000	0	0.00

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Jul 2017	DAUS	13.95 Put	1,000	507.4178	462.9048	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	17.98 Call	1,000	292.8339	315.9057	0.0000	0.0000	0	0.00	
			97,220					0.00	0.00	10,246,007.00
		Total	119,217					1,781.00	25,601,284.50	14,801,124.00
										51,215,799,478.70
Future										
Dec 2016	EUUS	Future	52	1.0626	1.0608	0.0000	0.0000	15	159,075.00	
			52					15.00	159,075.00	352,772.00
		Total	52					15.00	159,075.00	352,772.00
										3,988,749,251.00
Future										
Dec 2016	GBUS	Future	50	1.2482	1.2349	0.0000	0.0000	0	0.00	
			50					0.00	0.00	152.00
		Total	50					0.00	0.00	152.00
										1,872,003.00
Future										
Dec 2016	ZAAD	Future	11,221	10.5208	10.6274	0.0000	0.0000	50	526,500.00	
Mar 2017	ZAAD	Future	10,610	10.6766	10.7865	10.7757	10.7500	2,150	23,162,730.00	
Jun 2017	ZAAD	Future	91	10.8549	10.9670	0.0000	0.0000	0	0.00	
			21,922					2,200.00	23,689,230.00	3,006,573.00
		Total	21,922					2,200.00	23,689,230.00	3,038,950.00
										25,121,994,597.40
Future										
Dec 2016	ZACA	Future	12	10.6648	10.6779	0.0000	0.0000	0	0.00	
			12					0.00	0.00	73,738.00
		Total	12					0.00	0.00	73,738.00
										694,437,653.50
Future										
Dec 2016	ZACR	Future	10	2.0684	2.0876	0.0000	0.0000	0	0.00	
			10					0.00	0.00	109,754.00
		Total	10					0.00	0.00	109,754.00
										2,502,692,756.00
Future										
Dec 2016	ZAEU	Future	58,393	15.2046	15.3061	15.3909	15.2037	1,469	22,503,351.40	
Mar 2017	ZAEU	Future	29,887	15.5340	15.6393	15.7261	15.5300	500	7,807,220.00	
Jun 2017	ZAEU	Future	77,442	15.9038	16.0118	16.0984	15.9000	5,650	90,464,640.80	
Sep 2017	ZAEU	Future	19	16.2542	16.3642	0.0000	0.0000	0	0.00	
			165,741					7,619.00	120,775,212.20	9,711,290.00
										134,219,864,693.80
Option										
Dec 2016	ZAEU	16.50 Call	450	61.6504	80.0453	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	16.90 Put	2,961	1729.8833	1640.1939	0.0000	0.0000	0	0.00	

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Dec 2016	ZAEU	21.90 Call	2,961	0.1263	0.2285	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.30 Put	1,000	189.6399	172.5264	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	14.80 Call	500	1070.2238	1147.3978	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	16.00 Call	680	505.8955	550.9731	0.0000	0.0000	0	0.00	
Mar 2017	ZAEU	17.17 Call	1,000	240.0457	265.0644	0.0000	0.0000	0	0.00	
			9,552					0.00	0.00	4,789,001.00
		Total	175,293					7,619.00	120,775,212.20	14,500,291.00
										134,219,864,693.80
Future										
Dec 2016	ZAFR	Future	1,945	14.1841	14.3047	0.0000	0.0000	0	0.00	
			1,945					0.00	0.00	564,502.00
		Total	1,945					0.00	0.00	5,895,831,281.10
										564,502.00
										5,895,831,281.10
Future										
Dec 2016	ZAGB	Future	44,767	17.8594	17.8169	17.8754	17.6992	537	9,619,726.90	
Mar 2017	ZAGB	Future	9,144	18.2044	18.1633	0.0000	0.0000	1,000	18,188,600.00	
Jun 2017	ZAGB	Future	19,992	18.5882	18.5463	0.0000	0.0000	0	0.00	
Sep 2017	ZAGB	Future	17	18.9497	18.9067	0.0000	0.0000	0	0.00	
			73,920					1,537.00	27,808,326.90	6,975,683.00
										114,777,452,059.20
Option										
Dec 2016	ZAGB	15.89 Put	525	11.0661	14.1419	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Call	525	1158.8247	1130.8307	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	16.76 Put	1,050	59.4247	73.9307	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	123.5167	149.3453	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Call	656	730.8053	718.6180	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Put	525	171.4053	201.7180	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.80 Put	800	378.0319	419.3941	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Call	1,000	350.8790	353.7844	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Put	1,000	491.4790	536.8844	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	19.39 Call	525	63.7391	70.2424	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	3556.7447	3600.8172	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	0.9257	1.0330	0.0000	0.0000	0	0.00	
			21,261					0.00	0.00	1,750,813.00
		Total	95,181					1,537.00	27,808,326.90	8,726,496.00
										114,777,452,059.20
Future										
Dec 2016	ZAHK	Future	16,430	1.8450	1.8603	0.0000	0.0000	0	0.00	
Mar 2017	ZAHK	Future	3,500	1.8775	1.8931	0.0000	0.0000	0	0.00	
			19,930					0.00	0.00	56,677.00
		Total	19,930					0.00	0.00	1,060,468,026.00
										56,677.00
										1,060,468,026.00

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Future											
Dec 2016	ZAJY	Future	11,025	0.1290	0.1308	0.1290	0.1290	3	38,700.00		
			<u>11,025</u>					3.00	38,700.00	888,097.00	9,848,118,379.30
		Total	11,025					3.00	38,700.00	888,097.00	9,848,118,379.30
Future											
Dec 2016	ZAKS	Future	1,382	0.1397	0.1410	0.0000	0.0000	0	0.00		
			<u>1,382</u>					0.00	0.00	24,363.00	336,346,550.00
		Total	1,382					0.00	0.00	24,363.00	336,346,550.00
Future											
Dec 2016	ZASD	Future	153	10.0532	10.1378	0.0000	0.0000	0	0.00		
			<u>153</u>					0.00	0.00	8,583.00	87,643,864.10
		Total	153					0.00	0.00	8,583.00	87,643,864.10
Future											
Dec 2016	ZATR	Future	83	4.2272	4.2520	0.0000	0.0000	0	0.00		
			<u>83</u>					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	441	14.3085	14.4283	14.4714	14.3360	35	50,311,050.00		
Mar 2017	ZAUM	Future	91	14.5507	14.6746	0.0000	0.0000	0	0.00		
Jun 2017	ZAUM	Future	55	14.8259	14.9522	0.0000	0.0000	0	0.00		
			<u>587</u>					35.00	50,311,050.00	133,289.00	150,763,526,090.00
		Total	587					35.00	50,311,050.00	137,812.00	150,763,526,090.00
Future											
Dec 2016	ZAUS	Future	410,630	14.3085	14.4283	14.5074	14.2500	36,969	532,583,166.70		
Mar 2017	ZAUS	Future	102,312	14.5507	14.6746	14.7007	14.5145	3,930	57,319,741.00		
Jun 2017	ZAUS	Future	158,133	14.8259	14.9522	15.0220	14.8400	7,301	109,075,251.40		
Sep 2017	ZAUS	Future	4,400	15.0824	15.2108	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	Future	670	15.3429	15.4732	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	Future	70	15.6060	15.7386	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	70	15.8690	16.0040	0.0000	0.0000	0	0.00		
			<u>676,285</u>					48,200.00	698,978,159.10	125,490,293.00	1,413,026,606,584.10
Option											
Dec 2016	ZAUS	11.80 Put	250	2.2790	2.6058	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	12.59 Put	2,800	6.7725	6.7597	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	12.75 Put	25,850	8.6350	8.3684	0.0000	0.0000	0	0.00		
Dec 2016	ZAUS	13.00 Put	166,585	16.7247	11.9052	0.0000	0.0000	0	0.00		

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Dec 2016	ZAUS	13.22 Put	725	32.7133	25.5850	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Call	2,800	1014.1703	1125.4468	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	45.6703	37.1468	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	46.9118	38.2680	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	53.5269	44.2715	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	65.6116	55.3432	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	27,386	68.9402	58.4111	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	500	720.0287	824.7414	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	2,000	111.5287	96.4414	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	125.0682	108.2139	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	130.7870	113.2537	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	172.2985	150.0223	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	517.9983	611.4904	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	209.4983	183.1904	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	488.3497	579.7152	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	471.1249	561.1818	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	465.4783	555.0930	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	251.3772	220.7503	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	260.3175	228.7956	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	274.0775	0.0000	0.0000	0.0000	150	0.00
Dec 2016	ZAUS	14.18 Call	4,200	416.7602	502.3034	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	406.4490	491.0650	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	297.9490	262.7650	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	381.4801	463.7452	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	7,000	322.9801	285.4452	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	349.1614	309.2371	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.33 Put	5,000	366.0675	324.0407	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	340.2919	417.3630	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	315.5689	388.4126	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	437.6509	387.1675	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	277.7755	344.6076	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	32,849	469.2755	416.3076	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	475.7216	422.2601	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	244.0005	305.9457	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	556.1081	496.8128	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	577.0426	516.3208	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	216.7954	274.4624	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	605.4486	542.8491	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	678.8119	611.6502	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	182.3680	234.1179	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	172.8420	222.8430	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	143.0678	187.2409	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	15.00 Put	29,368	834.5678	758.9409	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	124.4887	165.1834	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Call	5,000	108.2127	145.4779	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	999.7127	917.1779	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1008.2025	925.3221	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.28 Call	5,000	96.6830	131.2505	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	81.5916	112.4046	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1173.0916	1084.1046	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	72.8400	101.3396	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1262.3005	1170.4464	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1325.5993	1231.8748	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	1426.3240	1329.8809	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	1537.4805	1438.6192	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	42.5855	62.7261	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	33.7950	50.6458	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	1725.2950	1622.3458	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	28.5002	42.9072	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	20.8823	31.6082	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2236.3204	2124.1646	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	14.3656	21.7727	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	2393.0509	2279.1742	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	10.1997	15.3995	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	8.2081	12.3313	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	7.5969	11.3872	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	7.1416	10.6833	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	5.1218	5.9797	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	4.9166	5.6880	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	4.6592	5.3211	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	4.6158	5.2589	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	4.2410	4.7195	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	4.1819	4.6336	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	4.1447	4.5791	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	4.1268	4.5527	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	2.4235	3.4157	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	2.1034	2.9807	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	2.0379	2.8914	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	1.6049	2.2979	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	1.3665	1.9686	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.6003	0.8920	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.5428	0.8096	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.4285	0.6447	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.3433	0.5208	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	20.16 Call	3,300	0.2993	0.4562	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.2349	0.3614	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.2117	0.3268	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0814	0.1300	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0439	0.0717	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0393	0.0645	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	31.3759	32.7969	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	52.6659	51.0265	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	91,132	112.6935	100.2693	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	221.7200	194.7170	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	1132.3812	1224.5487	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	439.9436	394.7791	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	787.0156	859.9563	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	536.3156	485.3563	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	588.3695	534.5477	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	693.6258	760.8742	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	730.2857	668.4986	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1116.2237	1039.4642	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1211.8181	1131.8512	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	373.4955	414.8190	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1475.1798	1388.5884	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1507.2456	1419.9669	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	306.4307	342.0468	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	235.8845	265.7895	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2368.7334	2267.5987	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	145.4438	165.4663	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	120.7971	137.8964	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	76.7197	83.9399	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	76.4648	83.6380	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	61.5674	69.2488	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	46.5447	53.7218	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	9.4719	11.2943	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	441.4429	399.0399	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	456.5216	413.2638	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	553.7825	505.1198	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	586.1754	534.0178	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	609.9162	556.1276	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	658.9063	602.9900	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	1,000	1072.5851	1139.4598	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	968.4086	901.4925	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1365.6941	1287.5974	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	612.8793	656.0698	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	15.78 Put	3,155	1566.9793	1483.8698	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	15.85 Call	3,000	594.8807	637.0343	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	15.86 Call	30,000	592.3595	634.3615	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	16.00 Call	2,000	558.2611	598.2715	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	16.10 Call	1,400	535.2516	573.9059	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	16.26 Call	2,850	500.6442	537.2310	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	16.73 Call	2,000	409.8552	441.9899	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	18.15 Call	1,297	236.9032	255.0142	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	18.65 Call	150	205.3909	221.3714	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	19.71 Call	3,155	141.7856	159.7157	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.75 Put	2,000	181.2261	147.7822	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.00 Put	10,000	238.5604	202.1753	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.40 Put	500	352.6673	313.2538	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.75 Put	2,000	473.3861	433.7039	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.76 Put	960	477.0550	437.1742	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.22 Put	110	664.1964	615.0690	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.32 Put	110	709.5859	658.4549	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.47 Put	150	783.8378	727.2115	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.40 Call	960	716.3009	760.3463	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.80 Call	110	627.3459	667.4765	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.00 Call	650	587.2749	625.5021	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.03 Call	110	581.5319	619.4860	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	18.00 Call	10,000	427.8187	458.1724	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	385.2317	343.0186	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	622.7535	576.2511	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	847.3714	791.6772	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.53 Put	22,000	862.0296	805.7943	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.55 Call	52,000	932.8316	980.0748	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.82 Call	22,000	865.9979	910.3389	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	772.8391	813.4343	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	624.7165	659.1201	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	595.8750	536.2448	0.0000	0.0000	0	0.00		
			<u>2,291,282</u>					<u>150.00</u>	<u>0.00</u>	<u>30,594,828.00</u>	<u>0.00</u>
		Total	2,967,567					48,350.00	698,978,159.10	156,085,121.00	1,413,026,606,584.10
		Grand Total	3,437,524					61,540.00	947,361,037.70	207,969,698	1,952,633,135,434.10