



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 26-October-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Dec 2016	CAGZ	Future	20,000	489.6550	517.8714	0.0000	0.0000	0	0.00		
			20,000					0.00	0.00	20,000.00	7,214,600.00
		<b>Total</b>	<b>20,000</b>					<b>0.00</b>	<b>0.00</b>	20,000.00	7,214,600.00
<b>Future</b>											
Nov 2016	DACR	Future	435	2.0552	2.0487	0.0000	0.0000	0	0.00		
			435					0.00	0.00	435.00	9,090,195.00
		<b>Total</b>	<b>435</b>					<b>0.00</b>	<b>0.00</b>	435.00	9,090,195.00
<b>Future</b>											
Oct 2016	DAEU	Future	34	15.1697	15.0387	0.0000	0.0000	0	0.00		
Nov 2016	DAEU	Future	500	15.2724	15.1506	0.0000	0.0000	0	0.00		
			534					0.00	0.00	104,961.00	1,331,569,871.00
		<b>Total</b>	<b>534</b>					<b>0.00</b>	<b>0.00</b>	394,561.00	1,331,569,871.00
<b>Future</b>											
Oct 2016	DAGB	Future	85	16.9990	16.7779	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	17.6657	17.4375	0.0000	0.0000	0	0.00		
			158					0.00	0.00	50,763.00	831,037,636.40
		<b>Total</b>	<b>158</b>					<b>0.00</b>	<b>0.00</b>	241,876.00	831,037,636.40
<b>Future</b>											
Oct 2016	DAUS	Future	2,627	13.8902	13.8511	0.0000	0.0000	0	0.00		
Oct 2016	DAUS	Future	3,640	13.8902	13.8511	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	288	13.9154	13.8791	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	700	13.9237	13.8874	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	2,120	13.9376	13.9011	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	1,000	13.9404	13.9038	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	1,123	13.9737	13.9367	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	250	14.0151	13.9775	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	DAUS	Future	251	14.0178	13.9803	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	82	14.0206	13.9830	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	720	14.0372	13.9993	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	790	14.0592	14.0211	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	14.1275	14.0886	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	17	14.1494	13.9870	0.0000	0.0000	17	237,779.00		
Apr 2017	DAUS	Future	70	14.3696	14.3285	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.6213	14.5797	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.6705	14.6059	0.0000	0.0000	0	0.00		
			<u>14,152</u>					<u>17.00</u>	<u>237,779.00</u>	<u>4,408,594.00</u>	<u>49,180,690,665.70</u>

**Option**

Oct 2016	DAUS	13.25 Put	9,960	0.1527	3.3194	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.25 Put	2,000	365.1355	411.0149	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.96 Call	2,000	0.1412	0.4297	0.0000	0.0000	0	0.00
Oct 2016	DAUS	15.06 Put	9,960	1169.8886	1209.1638	0.0000	0.0000	0	0.00
Oct 2016	DAUS	16.14 Call	9,960	0.0193	0.0381	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.63 Put	15,400	46.5012	55.3457	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.75 Call	15,400	224.8023	203.2984	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.72 Call	10,000	255.3136	0.0000	0.0000	0.0000	20,000	0.00
Nov 2016	DAUS	13.72 Put	10,000	73.9136	0.0000	0.0000	0.0000	20,000	0.00
Nov 2016	DAUS	13.90 Put	700	144.3920	164.6418	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.95 Put	8,695	1046.9199	1083.0702	0.0000	0.0000	0	0.00
Nov 2016	DAUS	16.36 Call	8,695	0.5926	0.5969	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.60 Call	20,000	409.1693	389.7165	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.75 Call	10,000	309.8510	295.6856	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.80 Call	50,000	280.3762	267.9343	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.00 Call	20,000	184.0865	177.7165	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.10 Call	10,000	148.0686	144.0363	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.15 Call	50,000	132.4368	129.3960	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.25 Call	30,000	105.4475	104.0505	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.40 Call	20,000	74.1704	74.4823	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.80 Call	20,000	26.9295	28.0772	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.26 Put	9,615	43.1385	51.1158	0.0000	0.0000	0	0.00
Nov 2016	DAUS	15.60 Put	9,615	1668.6051	1705.9013	0.0000	0.0000	0	0.00
Nov 2016	DAUS	17.09 Call	9,615	1.1723	1.5354	0.0000	0.0000	0	0.00
Nov 2016	DAUS	11.80 Put	250	1.6733	2.4500	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.50 Put	150	127.9486	142.2332	0.0000	0.0000	0	0.00
Nov 2016	DAUS	19.40 Call	400	0.0698	0.3198	0.0000	0.0000	0	0.00
Dec 2016	DAUS	13.60 Put	7,000	194.1870	211.0515	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.35 Call	7,000	245.9799	239.5402	0.0000	0.0000	0	0.00
Dec 2016	DAUS	14.75 Put	5,000	910.7750	944.9330	0.0000	0.0000	0	0.00
Jan 2017	DAUS	13.95 Put	2,000	432.8854	456.3463	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jan 2017	DAUS	16.17 Call	2,000	91.6739	91.4229	0.0000	0.0000	0	0.00	
Jan 2017	DAUS	14.28 Call	5,000	461.2783	450.9103	0.0000	0.0000	0	0.00	
Jan 2017	DAUS	14.10 Put	1,000	529.4138	555.1984	0.0000	0.0000	0	0.00	
Jan 2017	DAUS	15.89 Call	1,000	142.0448	140.9224	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	13.95 Put	1,000	544.8828	568.0541	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	17.02 Call	1,000	188.8314	189.6990	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	14.10 Put	1,000	632.0310	656.9424	0.0000	0.0000	0	0.00	
Apr 2017	DAUS	16.67 Call	1,000	251.5544	251.9722	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	13.95 Put	1,000	607.4417	630.0220	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	17.98 Call	1,000	273.3246	276.7960	0.0000	0.0000	0	0.00	
			<u>398,415</u>					<u>40,000.00</u>	<u>0.00</u>	<u>10,094,587.00</u>
		<b>Total</b>	<b>412,567</b>					<b>40,017.00</b>	<b>237,779.00</b>	<b>14,503,181.00</b>
<b>Future</b>										<b>49,180,690,665.70</b>
Dec 2016	EUUS	Future	42	1.0944	1.0881	1.0950	1.0950	30	328,500.00	
			<u>42</u>					<u>30.00</u>	<u>328,500.00</u>	<u>338,512.00</u>
		<b>Total</b>	<b>42</b>					<b>30.00</b>	<b>328,500.00</b>	<b>3,831,051,441.00</b>
<b>Future</b>										
Dec 2016	ZAAD	Future	11,946	10.7404	10.6633	10.7304	10.6633	2,034	21,790,174.30	
Mar 2017	ZAAD	Future	3,439	10.8958	10.8167	0.0000	0.0000	0	0.00	
Jun 2017	ZAAD	Future	91	11.0783	10.9976	0.0000	0.0000	0	0.00	
			<u>15,476</u>					<u>2,034.00</u>	<u>21,790,174.30</u>	<u>2,987,833.00</u>
		<b>Total</b>	<b>15,476</b>					<b>2,034.00</b>	<b>21,790,174.30</b>	<b>3,020,210.00</b>
<b>Future</b>										<b>24,920,243,566.10</b>
Dec 2016	ZACA	Future	5,806	10.5273	10.4878	0.0000	0.0000	0	0.00	
			<u>5,806</u>					<u>0.00</u>	<u>0.00</u>	<u>67,874.00</u>
		<b>Total</b>	<b>5,806</b>					<b>0.00</b>	<b>0.00</b>	<b>634,753,582.70</b>
<b>Future</b>										
Dec 2016	ZACR	Future	10	2.0605	2.0540	0.0000	0.0000	0	0.00	
			<u>10</u>					<u>0.00</u>	<u>0.00</u>	<u>109,754.00</u>
		<b>Total</b>	<b>10</b>					<b>0.00</b>	<b>0.00</b>	<b>2,502,692,756.00</b>
<b>Future</b>										
Dec 2016	ZAEU	Future	52,848	15.3556	15.2262	15.4099	15.1429	1,049	16,045,190.30	
Mar 2017	ZAEU	Future	8,287	15.6710	15.5370	15.6849	15.5534	610	9,521,979.00	
Jun 2017	ZAEU	Future	77,407	16.0412	15.9031	0.0000	0.0000	500	7,963,500.00	
			<u>138,542</u>					<u>2,159.00</u>	<u>33,530,669.30</u>	<u>9,615,209.00</u>
		<b>Total</b>								<b>132,740,553,989.20</b>
<b>Option</b>										

<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	ZAEU	16.50 Call	450	137.4231	116.4860	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	16.90 Put	2,961	1635.6890	1750.0313	0.0000	0.0000	0	0.00	
Dec 2016	ZAEU	21.90 Call	2,961	0.4452	0.3940	0.0000	0.0000	0	0.00	
			6,372					0.00	0.00	4,784,141.00
	<b>Total</b>		<b>144,914</b>					<b>2,159.00</b>	<b>33,530,669.30</b>	14,399,350.00
										132,740,553,989.20
<b>Future</b>										
Dec 2016	ZAFR	Future	2,011	14.1702	14.0822	0.0000	0.0000	0	0.00	
			2,011					0.00	0.00	564,355.00
	<b>Total</b>		<b>2,011</b>					<b>0.00</b>	<b>0.00</b>	564,355.00
										5,893,776,632.70
<b>Future</b>										
Dec 2016	ZAGB	Future	51,965	17.1877	16.9671	17.2241	16.9059	615	10,474,075.10	
Mar 2017	ZAGB	Future	7,774	17.5038	17.2784	17.1971	17.1971	6	103,182.60	
Jun 2017	ZAGB	Future	19,955	17.8706	17.6407	0.0000	0.0000	0	0.00	
			79,694					621.00	10,577,257.70	6,901,320.00
										113,509,452,282.90
<b>Option</b>										
Dec 2016	ZAGB	16.76 Put	1,050	336.1860	425.7083	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	512.9961	628.7903	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.30 Put	525	609.3576	736.6130	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.40 Call	500	458.1011	370.6923	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	17.80 Put	800	940.3855	1094.8153	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.00 Put	1,000	1089.0344	1252.1904	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	19.39 Call	525	75.9578	54.6567	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	4241.9331	4462.7140	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	2.7935	2.1200	0.0000	0.0000	0	0.00	
			19,055					0.00	0.00	1,746,951.00
	<b>Total</b>		<b>98,749</b>					<b>621.00</b>	<b>10,577,257.70</b>	8,648,271.00
										113,509,452,282.90
<b>Future</b>										
Dec 2016	ZAHK	Future	14,390	1.8097	1.8048	0.0000	0.0000	0	0.00	
			14,390					0.00	0.00	47,127.00
	<b>Total</b>		<b>14,390</b>					<b>0.00</b>	<b>0.00</b>	47,127.00
										887,497,546.00
<b>Future</b>										
Dec 2016	ZAJY	Future	13,577	0.1347	0.1340	0.0000	0.0000	0	0.00	
			13,577					0.00	0.00	876,144.00
	<b>Total</b>		<b>13,577</b>					<b>0.00</b>	<b>0.00</b>	876,144.00
										9,691,114,731.70
<b>Future</b>										
Dec 2016	ZAKS	Future	1,382	0.1371	0.1367	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
			1,382					0.00	0.00	24,363.00	336,346,550.00
		<b>Total</b>	<b>1,382</b>					<b>0.00</b>	<b>0.00</b>	<b>24,363.00</b>	<b>336,346,550.00</b>
<b>Future</b>											
	Dec 2016 ZASD	Future	165	10.1050	10.0503	0.0000	0.0000	0	0.00		
			165					0.00	0.00	8,430.00	86,147,692.40
		<b>Total</b>	<b>165</b>					<b>0.00</b>	<b>0.00</b>	<b>8,430.00</b>	<b>86,147,692.40</b>
<b>Future</b>											
	Dec 2016 ZAUM	Future	379	14.0316	13.9939	14.0327	14.0182	15	21,038,350.00		
	Mar 2017 ZAUM	Future	91	14.2622	14.2221	14.2474	14.1138	18	25,534,420.00		
	Jun 2017 ZAUM	Future	51	14.5327	14.4913	14.5119	14.5119	3	4,353,570.00		
			521					36.00	50,926,340.00	132,914.00	150,239,682,300.00
		<b>Total</b>	<b>521</b>					<b>36.00</b>	<b>50,926,340.00</b>	<b>137,437.00</b>	<b>150,239,682,300.00</b>
<b>Future</b>											
	Dec 2016 ZAUS	Future	414,721	14.0316	13.9939	14.0780	13.8500	93,883	1,310,102,303.80		
	Mar 2017 ZAUS	Future	105,063	14.2622	14.2221	14.2558	14.0950	15,589	221,351,878.00		
	Jun 2017 ZAUS	Future	149,293	14.5327	14.4913	14.5800	14.3700	13,305	192,519,546.10		
	Sep 2017 ZAUS	Future	3,700	14.6585	14.6021	14.7640	14.7640	500	7,382,000.00		
	Dec 2017 ZAUS	Future	670	14.8870	14.8355	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUS	Future	70	15.2845	15.2366	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	Future	70	15.6820	15.6377	0.0000	0.0000	0	0.00		
			673,587					123,277.00	1,731,355,727.90	123,847,123.00	1,390,008,893,004.10
<b>Option</b>											
	Dec 2016 ZAUS	11.80 Put	250	7.9224	9.2633	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	12.59 Put	2,800	30.2131	31.1606	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	12.75 Put	25,850	42.6699	46.0753	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.00 Put	151,550	74.9829	81.0911	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.22 Put	725	116.6638	125.9668	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.34 Call	2,800	837.1853	811.6301	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.34 Put	7,800	145.5853	157.7301	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.35 Put	4,500	148.2078	160.7395	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.40 Put	3,000	162.9664	176.3590	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.50 Put	26,886	195.3350	210.4784	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.70 Call	1,230	603.3279	584.3323	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.70 Put	2,000	271.7279	290.4323	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.75 Put	12,000	293.2823	312.8718	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	13.77 Put	19,800	302.1773	322.1203	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	14.00 Call	23,450	447.2300	433.4012	0.0000	0.0000	0	0.00		
	Dec 2016 ZAUS	14.00 Put	88,460	415.6300	439.5012	0.0000	0.0000	1,700	0.00		

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Dec 2016	ZAUS	14.05 Call	300	424.5482	412.6270	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	412.0655	400.5959	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	407.9766	396.6556	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	472.3239	498.8503	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	484.3281	511.1442	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	372.7821	362.7457	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	365.3425	355.5806	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	533.7425	561.6806	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	347.3366	338.2397	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	7,000	565.7366	594.3397	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	4,135	598.5485	627.7890	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.33 Put	5,000	618.6168	648.2276	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	316.9707	309.0007	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.39 Put	8,756	659.5903	689.9102	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	298.1240	290.8585	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	701.6330	732.6224	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,300	269.0532	262.8726	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	42,649	737.4532	768.9726	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.51 Put	1,000	744.7017	776.3219	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	242.7204	237.5148	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	833.7203	866.4908	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	856.5433	889.5771	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	221.1820	216.7702	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	887.3079	920.6796	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	965.7324	999.7938	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	193.2642	189.7686	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	185.3753	182.1536	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	160.2235	157.8651	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1128.6235	1163.9651	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	144.4054	142.5728	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Call	5,000	130.1876	128.8111	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1298.5876	1334.9111	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1307.2482	1343.6124	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.28 Call	5,000	119.8627	118.8051	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	105.9518	105.3091	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1474.3518	1511.4091	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	97.5185	96.7842	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1563.8758	1600.8651	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1627.0699	1664.1330	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	1727.3741	1764.5340	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	1838.0494	1875.2915	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,500	66.1135	65.6823	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	16.00 Call	52,443	56.5992	56.2361	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2024.9992	2062.3361	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	50.5549	50.2273	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	41.2710	40.9891	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.47 Put	1,365	2473.5758	2511.0161	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2531.5503	2568.9969	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	32.5035	32.2521	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	2686.7491	2724.2088	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	26.2415	26.0066	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	22.2757	22.0871	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	20.6992	20.7748	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	19.5106	19.7800	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	10.7645	12.2222	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	9.0481	10.6625	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	6.9955	8.7384	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	3,500	6.6620	8.4180	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	3.9767	5.7194	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	3.5903	5.3069	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	3.3525	5.0486	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	3.2390	4.9242	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	0.8602	1.5300	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	0.7333	1.3250	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.7077	1.2832	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.5408	1.0071	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.4513	0.8556	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.70 Call	1,365	0.1967	0.4051	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.1790	0.3723	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.1599	0.3363	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.1226	0.2649	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0956	0.2118	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0819	0.1844	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0624	0.1445	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.0555	0.1301	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0190	0.0498	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0095	0.0268	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0084	0.0240	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	52.0188	57.1367	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	91,132	171.6255	181.7345	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	316.9361	0.0000	0.0000	0.0000	2,000	0.00
Mar 2017	ZAUS	14.10 Put	46,000	591.7376	617.1344	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	704.7510	732.8647	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	765.4667	794.5984	0.0000	0.0000	0	0.00

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Mar 2017	ZAUS	14.65 Put	100	926.8688	958.3316	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1348.3978	1384.5284	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1450.5353	1487.4750	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	329.0266	326.5443	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1727.8994	1765.4587	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1760.9878	1798.6981	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	273.1386	270.9800	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	212.7579	211.9103	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2644.5230	2684.8476	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	118.8819	120.6072	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	82.3851	84.3084	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	82.1552	84.0789	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	58.3602	57.3610	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	44.5875	43.8478	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	9.7259	9.6040	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	542.6538	562.2953	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	561.3272	581.4593	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	680.3351	703.3829	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	717.2371	741.1236	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	744.1898	768.6705	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1142.4906	1173.3759	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1572.3235	1607.6987	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	539.0631	534.6029	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	1786.3631	1823.3029	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	521.7972	517.7501	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	472.8768	469.4433	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	442.3718	439.6085	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	365.1367	364.0256	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	227.1932	230.2076	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	201.1161	204.7549	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	127.8324	129.2450	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	243.0594	255.3104	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	10,000	320.7066	336.8739	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	599.3545	622.5313	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	603.6084	626.9064	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	830.5302	861.4262	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	885.9190	918.0318	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	593.7122	586.0187	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	521.5147	515.9216	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	485.0283	480.4892	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	10,000	372.1344	373.2658	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	624.6611	629.3189	0.0000	0.0000	0	0.00



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		2,040,977					3,700.00	0.00
								29,850,726.00
	<b>Total</b>	<b>2,714,564</b>					<b>126,977.00</b>	<b>1,731,355,727.90</b>
								153,697,849.00
								1,390,008,893.004.10
	<b>Grand Total</b>	<b>3,445,301</b>					<b>171,874.00</b>	<b>1,848,746,448.20</b>
								205,041,646
								1,923,516,955,531.80