



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 14-September-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Dec 2016	CAGZ	Future	20,000	404.9197	352.2230	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>
		<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>											
Oct 2016	CAHA	Future	30,000	33.9337	21.7882	0.0000	0.0000	0	0.00		
			<u>30,000</u>					<u>0.00</u>	<u>0.00</u>	<u>30,000.00</u>	<u>1,490,700.00</u>
		<b>Total</b>	<b>30,000</b>					<b>0.00</b>	<b>0.00</b>	30,000.00	1,490,700.00
<b>Future</b>											
Nov 2016	DACR	Future	435	2.1550	2.1709	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>
		<b>Total</b>	<b>435</b>					<b>0.00</b>	<b>0.00</b>	435.00	9,090,195.00
<b>Future</b>											
Sep 2016	DAEU	Future	34	16.1361	16.2919	0.0000	0.0000	0	0.00		
Nov 2016	DAEU	Future	500	16.3614	16.5186	0.0000	0.0000	0	0.00		
			<u>534</u>					<u>0.00</u>	<u>0.00</u>	<u>104,860.00</u>	<u>1,329,981,645.20</u>
		<b>Total</b>	<b>534</b>					<b>0.00</b>	<b>0.00</b>	394,460.00	1,329,981,645.20
<b>Future</b>											
Oct 2016	DAGB	Future	112	18.9219	19.1235	0.0000	0.0000	0	0.00		
Oct 2016	DAGB	Future	41	19.0143	19.2162	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	19.7595	19.9694	0.0000	0.0000	0	0.00		
			<u>226</u>					<u>0.00</u>	<u>0.00</u>	<u>50,481.00</u>	<u>826,071,756.80</u>
		<b>Total</b>	<b>226</b>					<b>0.00</b>	<b>0.00</b>	241,594.00	826,071,756.80
<b>Future</b>											
Sep 2016	DAUS	Future	259	14.3047	14.4387	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>		
Sep 2016	DAUS	Future	500	14.3327	14.4700	0.0000	0.0000	0	0.00		
Sep 2016	DAUS	Future	1,050	14.3355	14.4728	0.0000	0.0000	0	0.00		
Sep 2016	DAUS	Future	12,740	14.3383	14.4756	0.0000	0.0000	10,000	143,932,000.00		
Sep 2016	DAUS	Future	2,856	14.3411	14.4784	0.0000	0.0000	0	0.00		
Oct 2016	DAUS	Future	56	14.3550	14.4926	0.0000	0.0000	0	0.00		
Oct 2016	DAUS	Future	1,700	14.3689	14.5067	0.0000	0.0000	0	0.00		
Oct 2016	DAUS	Future	10,000	14.3773	14.5145	0.0000	0.0000	20,000	287,089,600.00		
Oct 2016	DAUS	Future	832	14.3800	14.5180	0.0000	0.0000	0	0.00		
Oct 2016	DAUS	Future	2,000	14.4159	14.5539	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	Future	14	14.4461	14.5841	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	250	14.5447	14.6833	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	14.5474	14.6860	0.0000	0.0000	0	0.00		
			<u>32,508</u>					<u>30,000.00</u>	<u>431,021,600.00</u>	<u>4,140,237.00</u>	<u>45,463,183,888.70</u>

Option

Sep 2016	DAUS	11.80 Put	250	0.1770	0.1352	0.0000	0.0000	0	0.00
Sep 2016	DAUS	13.50 Put	150	21.4544	15.0131	0.0000	0.0000	0	0.00
Sep 2016	DAUS	18.25 Call	250	0.9864	0.8753	0.0000	0.0000	0	0.00
Sep 2016	DAUS	18.41 Call	150	0.9831	0.8472	0.0000	0.0000	0	0.00
Sep 2016	DAUS	14.25 Call	20,000	304.8256	386.9776	0.0000	0.0000	0	0.00
Sep 2016	DAUS	15.00 Call	10,000	74.4228	102.0608	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.30 Call	10,000	296.0230	375.3108	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.45 Call	10,000	230.3883	296.1951	0.0000	0.0000	20,000	0.00
Oct 2016	DAUS	14.61 Put	18,400	435.5569	351.0361	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.76 Call	18,400	133.9861	176.9772	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.60 Put	10,000	432.7193	349.7741	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.65 Put	0	467.5718	381.1746	0.0000	0.0000	10,000	0.00
Oct 2016	DAUS	13.87 Call	5,000	615.1159	724.1483	0.0000	0.0000	0	0.00
Oct 2016	DAUS	13.90 Call	5,000	593.9130	701.3070	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.25 Call	10,000	380.0764	466.1275	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.44 Put	10,000	373.2561	0.0000	0.0000	0.0000	20,000	0.00
Oct 2016	DAUS	14.58 Call	12,000	290.8312	355.0533	0.0000	0.0000	0	0.00
Oct 2016	DAUS	11.80 Put	250	2.3985	2.5537	0.0000	0.0000	0	0.00
Oct 2016	DAUS	13.50 Put	150	69.3785	52.8031	0.0000	0.0000	0	0.00
Oct 2016	DAUS	18.77 Call	250	1.5546	3.0809	0.0000	0.0000	0	0.00
Oct 2016	DAUS	18.85 Call	150	1.3472	2.8417	0.0000	0.0000	0	0.00
Oct 2016	DAUS	13.25 Put	9,960	37.2533	27.2441	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.25 Put	2,000	313.3110	261.1105	0.0000	0.0000	0	0.00
Oct 2016	DAUS	14.96 Call	2,000	217.2571	264.4371	0.0000	0.0000	0	0.00
Oct 2016	DAUS	15.06 Put	9,960	837.8608	742.9148	0.0000	0.0000	0	0.00
Oct 2016	DAUS	16.14 Call	9,960	53.9167	68.8615	0.0000	0.0000	0	0.00
Nov 2016	DAUS	14.95 Put	8,695	792.4256	705.8099	0.0000	0.0000	0	0.00
Nov 2016	DAUS	16.36 Call	8,695	71.5331	88.2759	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Nov 2016	DAUS	13.60 Call	20,000	987.7695	1101.5452	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	14.25 Call	30,000	575.1807	659.4530	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	13.26 Put	9,615	76.2524	61.7078	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	15.60 Put	9,615	1311.7350	1207.5327	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	17.09 Call	9,615	48.9086	60.0876	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	11.80 Put	250	8.4345	7.0560	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	13.50 Put	150	135.0952	113.3141	0.0000	0.0000	0	0.00		
Nov 2016	DAUS	19.40 Call	400	11.8430	17.1341	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.75 Put	15,000	712.7617	641.9777	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.95 Put	2,000	355.4156	313.0373	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	16.17 Call	2,000	273.8254	308.3743	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.10 Put	1,000	432.9847	382.7782	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.89 Call	1,000	359.0940	399.2977	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.95 Put	1,000	450.7309	403.9334	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	17.02 Call	1,000	369.5429	402.3545	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	14.10 Put	1,000	520.9385	470.3733	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	16.67 Call	1,000	461.8336	500.1075	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.95 Put	1,000	510.6585	463.1140	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	17.98 Call	1,000	439.0782	471.3484	0.0000	0.0000	0	0.00		
			<u>298,315</u>					<u>50,000.00</u>	<u>0.00</u>	<u>9,160,016.00</u>	<u>0.00</u>
<b>Total</b>			<b>330,823</b>					<b>80,000.00</b>	<b>431,021,600.00</b>	<b>13,300,253.00</b>	<b>45,463,183,888.70</b>
<b>Future</b>											
Sep 2016	EUUS	Future	13,234	1.1249	1.1250	0.0000	0.0000	50	561,650.00		
Dec 2016	EUUS	Future	65	1.1290	1.1292	0.0000	0.0000	50	562,000.00		
			<u>13,299</u>					<u>100.00</u>	<u>1,123,650.00</u>	<u>298,413.00</u>	<u>3,382,650,121.00</u>
<b>Total</b>			<b>13,299</b>					<b>100.00</b>	<b>1,123,650.00</b>	<b>298,413.00</b>	<b>3,382,650,121.00</b>
<b>Future</b>											
Sep 2016	ZAAD	Future	10,092	10.6922	10.8285	10.7072	10.7072	285	3,062,194.80		
Dec 2016	ZAAD	Future	1,802	10.8542	10.9926	10.8949	10.8500	402	4,397,248.50		
Mar 2017	ZAAD	Future	3,405	11.0115	11.1517	0.0000	0.0000	0	0.00		
			<u>15,299</u>					<u>687.00</u>	<u>7,459,443.30</u>	<u>2,905,554.00</u>	<u>24,035,832,757.80</u>
<b>Total</b>			<b>15,299</b>					<b>687.00</b>	<b>7,459,443.30</b>	<b>2,937,931.00</b>	<b>24,035,832,757.80</b>
<b>Future</b>											
Sep 2016	ZACA	Future	4,310	10.8455	10.9755	10.8495	10.8495	30	325,485.00		
Dec 2016	ZACA	Future	30	11.0419	11.1736	11.0782	11.0782	30	332,346.00		
			<u>4,340</u>					<u>60.00</u>	<u>657,831.00</u>	<u>51,943.00</u>	<u>461,651,395.30</u>
<b>Total</b>			<b>4,340</b>					<b>60.00</b>	<b>657,831.00</b>	<b>51,943.00</b>	<b>461,651,395.30</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>		
<b>Future</b>											
Sep 2016	ZAEU	Future	32,938	16.0972	16.2527	16.1597	16.0549	1,588	25,628,964.20		
Dec 2016	ZAEU	Future	25,190	16.4401	16.5989	16.5113	16.4133	901	14,806,593.20		
Mar 2017	ZAEU	Future	5,336	16.7758	16.9373	0.0000	0.0000	300	5,082,510.00		
Jun 2017	ZAEU	Future	77,586	17.1709	17.3376	0.0000	0.0000	0	0.00		
			<u>141,050</u>					<u>2,789.00</u>	<u>45,518,067.40</u>	<u>9,308,822.00</u>	<u>127,822,627,680.40</u>
<b>Option</b>											
Sep 2016	ZAEU	14.87 Put	10,000	1.5828	0.6370	0.0000	0.0000	0	0.00		
Sep 2016	ZAEU	15.81 Call	10,000	348.3866	481.2456	0.0000	0.0000	0	0.00		
Sep 2016	ZAEU	16.68 Call	20,000	23.1392	43.4434	0.0000	0.0000	0	0.00		
Dec 2016	ZAEU	16.50 Call	450	624.7516	699.9166	0.0000	0.0000	0	0.00		
Dec 2016	ZAEU	16.90 Put	2,961	937.7236	838.7977	0.0000	0.0000	0	0.00		
Dec 2016	ZAEU	21.90 Call	2,961	9.4257	12.1639	0.0000	0.0000	0	0.00		
			<u>46,372</u>					<u>0.00</u>	<u>0.00</u>	<u>4,783,691.00</u>	<u>0.00</u>
		<b>Total</b>	<b>187,422</b>					<b>2,789.00</b>	<b>45,518,067.40</b>	<b>14,092,513.00</b>	<b>127,822,627,680.40</b>
<b>Future</b>											
Sep 2016	ZAFR	Future	1,858	14.7034	14.8438	0.0000	0.0000	0	0.00		
			<u>1,858</u>					<u>0.00</u>	<u>0.00</u>	<u>556,466.00</u>	<u>5,777,764,576.10</u>
		<b>Total</b>	<b>1,858</b>					<b>0.00</b>	<b>0.00</b>	<b>556,466.00</b>	<b>5,777,764,576.10</b>
<b>Future</b>											
Sep 2016	ZAGB	Future	44,368	18.8603	19.0603	18.9934	18.8967	585	11,073,489.50		
Dec 2016	ZAGB	Future	33,434	19.2219	19.4264	19.3499	19.2701	1,220	23,524,958.00		
Mar 2017	ZAGB	Future	3,501	19.5763	19.7842	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	Future	12,625	19.9889	20.2036	0.0000	0.0000	0	0.00		
			<u>93,928</u>					<u>1,805.00</u>	<u>34,598,447.50</u>	<u>6,419,008.00</u>	<u>104,718,449,576.60</u>
<b>Option</b>											
Sep 2016	ZAGB	18.90 Call	1,050	146.8964	274.1605	0.0000	0.0000	0	0.00		
Sep 2016	ZAGB	18.90 Put	1,050	186.5964	113.8605	0.0000	0.0000	0	0.00		
Sep 2016	ZAGB	22.50 Call	500	0.0381	0.0570	0.0000	0.0000	0	0.00		
Sep 2016	ZAGB	23.60 Call	700	0.2912	0.1656	0.0000	0.0000	0	0.00		
Sep 2016	ZAGB	25.30 Call	800	0.2538	0.3160	0.0000	0.0000	0	0.00		
Dec 2016	ZAGB	17.13 Put	4,885	75.9070	70.4317	0.0000	0.0000	0	0.00		
Dec 2016	ZAGB	21.41 Put	4,885	2352.1474	2189.7337	0.0000	0.0000	0	0.00		
Dec 2016	ZAGB	24.46 Call	4,885	46.3305	47.9875	0.0000	0.0000	0	0.00		
			<u>18,755</u>					<u>0.00</u>	<u>0.00</u>	<u>1,738,008.00</u>	<u>0.00</u>
		<b>Total</b>	<b>112,683</b>					<b>1,805.00</b>	<b>34,598,447.50</b>	<b>8,157,016.00</b>	<b>104,718,449,576.60</b>
<b>Future</b>											
Sep 2016	ZAJY	Future	18,270	0.1395	0.1414	0.1394	0.1394	88	1,228,672.00		

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Dec 2016	ZAJY	Future	3,624	0.1425	0.1444	0.1426	0.1426	120	1,711,939.20
Mar 2017	ZAJY	Future	1,368	0.1455	0.1474	0.0000	0.0000	0	0.00
			<u>23,262</u>					<u>208.00</u>	<u>2,940,611.20</u>
		<b>Total</b>	<b>23,262</b>					<b>208.00</b>	<b>2,940,611.20</b>
									795,624.00
									8,569,955,187.40
<b>Future</b>									
Sep 2016	ZAKS	Future	1,266	0.1413	0.1427	0.0000	0.0000	0	0.00
Dec 2016	ZAKS	Future	1,382	0.1413	0.1430	0.0000	0.0000	0	0.00
			<u>2,648</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>2,648</b>					<b>0.00</b>	<b>0.00</b>
									23,097.00
									318,837,770.00
<b>Future</b>									
Sep 2016	ZANZ	Future	100	10.4272	10.5060	0.0000	0.0000	0	0.00
			<u>100</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>100</b>					<b>0.00</b>	<b>0.00</b>
									143,850.00
									1,100,211,760.00
<b>Future</b>									
Sep 2016	ZAUM	Future	377	14.3105	14.4473	14.4276	14.2556	24	34,354,500.00
Dec 2016	ZAUM	Future	420	14.5611	14.7003	0.0000	0.0000	0	0.00
Mar 2017	ZAUM	Future	53	14.8005	14.9418	14.9212	14.7845	6	8,911,710.00
			<u>850</u>					<u>30.00</u>	<u>43,266,210.00</u>
		<b>Total</b>	<b>850</b>					<b>30.00</b>	<b>43,266,210.00</b>
									131,174.00
									147,783,350,790.00
<b>Future</b>									
Sep 2016	ZAUS	Future	218,901	14.3105	14.4473	14.4200	14.2563	67,970	975,138,023.30
Dec 2016	ZAUS	Future	343,407	14.5611	14.7003	14.6800	14.5000	89,255	1,302,553,044.90
Mar 2017	ZAUS	Future	91,242	14.8005	14.9418	14.9212	14.7440	1,000	14,832,600.00
Jun 2017	ZAUS	Future	150,181	15.0791	15.2245	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	Future	2,700	15.3436	15.4944	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	Future	670	15.6771	15.8236	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	Future	70	16.0105	16.1529	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	Future	70	16.3439	16.4821	0.0000	0.0000	0	0.00
			<u>807,241</u>					<u>158,225.00</u>	<u>2,292,523,668.20</u>
									119,974,528.00
									1,335,090,402,870.80
<b>Option</b>									
Sep 2016	ZAUS	13.00 Put	10,000	0.3986	0.2310	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	13.24 Put	405	1.4369	0.7686	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	13.50 Put	11,000	5.3411	2.7275	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	13.56 Put	20,000	7.1350	3.6294	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	13.68 Put	525	12.3351	6.3652	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	13.70 Put	1,400	13.4723	6.9804	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	13.78 Put	525	19.0674	10.2394	0.0000	0.0000	0	0.00

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Sep 2016	ZAUS	14.00 Call	47,050	357.5858	476.6323	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.00 Put	3,500	47.0858	29.3323	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.20 Call	700	209.3527	314.4329	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.20 Put	500	98.8527	67.1329	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.30 Call	11,000	148.8970	244.2370	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.50 Put	47,300	266.0604	186.7376	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.52 Put	7,500	280.8476	198.6185	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.60 Call	1,000	53.4902	97.1716	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.60 Put	65	342.9902	249.8716	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.62 Call	350	49.7051	90.8703	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.70 Put	1,400	426.3823	321.5959	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.72 Call	350	34.1940	64.1538	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.76 Put	20,000	478.8581	368.1913	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.00 Call	5,650	11.4927	21.8430	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.00 Put	1,565	700.9927	574.5430	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.20 Call	11,000	6.5767	10.0983	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.30 Call	2,000	5.0957	7.6674	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.50 Call	500	3.2003	4.6246	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.60 Put	700	1292.0910	1156.3709	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.70 Put	325	1391.6257	1255.6545	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.86 Call	525	1.3461	2.1452	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.03 Call	525	0.7737	1.3009	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.39 Call	20,000	0.2483	0.4128	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.51 Call	15,000	0.1723	0.2848	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.64 Call	635	0.1169	0.1918	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.66 Call	5,000	0.1102	0.1806	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.70 Call	1,600	0.0980	0.1603	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	17.70 Call	10,000	0.1483	0.0748	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	19.55 Call	17,500	0.0956	0.1078	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	11.80 Put	250	13.2374	11.3266	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.59 Put	2,800	42.4267	38.0618	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.00 Put	151,550	79.9095	67.5902	0.0000	0.0000	3,200	0.00
Dec 2016	ZAUS	13.22 Put	725	115.9212	99.0301	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Call	2,800	1361.0439	1480.5030	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	139.9439	120.2030	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	142.0961	122.1045	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	25,586	177.2402	153.3082	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	1,230	1095.7472	1203.4659	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	3,000	234.6472	203.1659	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	251.1408	217.1819	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	257.9376	223.3144	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	3,450	905.4530	1002.2251	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	14.00 Put	88,460	344.3530	301.9251	0.0000	0.0000	70	0.00
Dec 2016	ZAUS	14.08 Call	5,000	859.0802	953.0640	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	853.4127	947.0442	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	386.6738	340.7553	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	5,550	395.4819	348.8598	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	803.6870	894.1566	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	431.8501	382.4126	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	6,040	455.5015	404.2956	491.3075	491.3075	50	0.00
Dec 2016	ZAUS	14.30 Put	3,100	479.8537	426.8813	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.33 Put	5,000	494.7988	0.0000	0.0000	0.0000	5,000	0.00
Dec 2016	ZAUS	14.34 Call	1,400	720.9359	805.7502	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	557.0460	498.7849	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	600	645.2315	724.4197	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	77,649	584.1315	524.1197	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	658.5760	593.1072	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	676.5090	609.6558	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	565.7680	636.7356	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	700.7707	632.0810	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	763.1400	690.9972	812.2133	812.2133	150	0.00
Dec 2016	ZAUS	14.86 Call	5,550	502.8034	567.8308	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.98 Put	1,700	881.2901	803.1690	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	2,400	455.9661	516.4002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	894.8661	816.1002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,000	425.6501	482.3829	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Call	5,000	397.3549	450.7935	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1036.2549	950.4935	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1043.5314	957.4741	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.28 Call	5,000	376.0938	0.0000	0.0000	0.0000	10,000	0.00
Dec 2016	ZAUS	15.40 Call	26,053	346.3627	394.1483	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1185.2627	1093.8483	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	327.9035	373.5650	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1262.3504	1168.2968	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1317.2601	1221.4318	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	1405.0288	1306.5345	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	1502.3562	1401.4796	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	1,500	254.3684	291.9486	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	26,436	229.0028	263.7371	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	1667.9028	1563.4371	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	212.0892	244.6232	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	44,000	184.6269	213.4838	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.47 Put	1,365	2074.2945	1961.2964	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2127.6472	2013.7180	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	16.55 Call	500	156.5975	181.5618	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	2271.3031	2155.0383	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	134.9280	156.7796	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	122.8660	142.9411	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	118.8519	138.3283	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	52,533	115.7468	134.7551	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	93.5887	105.5322	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	89.0219	100.3391	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	82.9709	93.4618	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	3,500	81.9094	92.2537	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	72.1041	81.1056	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	70.4287	79.2014	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	69.3474	77.9724	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	68.8166	77.3692	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	45.7951	56.6809	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	42.5311	52.7939	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	41.8356	51.9641	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	36.9451	46.1131	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	33.9851	42.5571	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.70 Call	1,365	23.1980	29.4827	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	22.2210	28.2880	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	21.0996	26.9142	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	18.6862	23.9474	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	16.6798	21.4695	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	15.5478	20.0665	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	13.7394	17.8165	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	13.0268	16.9269	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	8.0122	10.6048	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	5.8648	7.8543	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	5.5480	7.4456	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	34.3668	27.2442	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	91,132	143.5496	119.6836	0.0000	0.0000	43,131	0.00
Mar 2017	ZAUS	14.10 Put	46,000	479.9076	428.8694	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	45,132	622.5451	560.4237	0.0000	0.0000	86,473	0.00
Mar 2017	ZAUS	14.65 Put	100	756.1673	687.5278	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1113.7062	1030.8845	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1201.9600	1116.2669	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1445.6648	1352.2881	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1475.5181	1381.3858	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	45,132	429.4617	468.4858	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2284.5682	2176.1655	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	259.3721	285.6520	0.0000	0.0000	0	0.00



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Mar 2017	ZAUS	18.43 Call	90	173.1487	187.1139	0.0000	0.0000	0	0.00	
Mar 2017	ZAUS	18.44 Call	7,160	172.6539	186.5755	0.0000	0.0000	0	0.00	
Mar 2017	ZAUS	19.00 Call	6,370	148.4853	160.3412	0.0000	0.0000	0	0.00	
Mar 2017	ZAUS	19.38 Call	3,200	130.1318	146.2137	0.0000	0.0000	0	0.00	
Mar 2017	ZAUS	21.42 Call	1,800	40.8159	48.3967	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	13.83 Put	2,280	449.7992	405.5037	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	14.11 Put	2,850	557.8019	506.8007	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	14.23 Put	2,000	608.3257	554.4302	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	14.89 Put	1,297	949.3316	877.4168	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	15.50 Put	150	1329.0782	1245.8434	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	15.78 Call	2,280	819.3960	876.5168	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	15.78 Put	3,155	1520.2960	1432.0168	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	16.26 Call	2,850	691.0409	739.7993	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	16.73 Call	2,000	587.3409	630.2642	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	18.15 Call	1,297	368.1004	396.0466	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	18.65 Call	150	326.9767	350.0360	0.0000	0.0000	0	0.00	
Jun 2017	ZAUS	19.71 Call	3,155	260.0660	283.0090	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.75 Put	2,000	183.6474	151.9225	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.75 Put	2,000	474.2598	423.3459	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	516.9673	475.4575	0.0000	0.0000	0	0.00	
			<u>2,018,499</u>					<u>148,074.00</u>	<u>0.00</u>	<u>28,579,682.00</u>
		<b>Total</b>	<b>2,825,740</b>					<b>306,299.00</b>	<b>2,292,523,668.20</b>	<b>148,554,210.00</b>
										<b>1,335,090,402,870.80</b>
		<b>Grand Total</b>	<b>3,569,519</b>					<b>391,978.00</b>	<b>2,859,109,528.60</b>	<b>197,595,260</b>
										<b>1,845,191,369,338.90</b>