



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 28-April-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Apr 2016	DAEU	Future	0	16.2384	16.3296	0.0000	0.0000	1	16,238.40
May 2016	DAEU	Future	74	16.2311	16.4189	0.0000	0.0000	0	0.00
May 2016	DAEU	Future	1	16.2523	16.4474	0.0000	0.0000	0	0.00
			<u>75</u>					<u>1.00</u>	<u>16,238.40</u>
		Total	75					1.00	16,238.40
									<i>102,990.00</i>
									<i>1,299,213,187.20</i>
									<i>392,590.00</i>
									<i>1,299,213,187.20</i>
Future									
Apr 2016	DAGB	Future	0	20.8587	21.0646	0.0000	0.0000	201	4,200,355.90
May 2016	DAGB	Future	123	20.8190	21.0795	0.0000	0.0000	87	1,841,224.50
Apr 2017	DAGB	Future	73	22.4029	22.6851	0.0000	0.0000	0	0.00
			<u>196</u>					<u>288.00</u>	<u>6,041,580.40</u>
									<i>37,503.00</i>
									<i>584,396,654.50</i>
Option									
Sep 2016	DAGB	21.20 Put	12,264	705.1337	591.9429	0.0000	0.0000	0	0.00
Sep 2016	DAGB	25.85 Call	12,264	47.5424	55.4911	0.0000	0.0000	0	0.00
			<u>24,528</u>					<u>0.00</u>	<u>0.00</u>
		Total	24,724					288.00	6,041,580.40
									<i>156,081.00</i>
									<i>0.00</i>
									<i>193,584.00</i>
									<i>584,396,654.50</i>
Future									
Apr 2016	DAUS	Future	0	14.3299	14.4389	0.0000	0.0000	107	1,533,299.30
Apr 2016	DAUS	Future	767	14.2805	14.4481	0.0000	0.0000	333	4,802,892.30
May 2016	DAUS	Future	733	14.2712	14.4524	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	825	14.2890	14.4601	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	616	14.2976	14.4700	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	1,880	14.3063	14.4800	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	100	14.3092	14.4833	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	4,700	14.3178	14.4932	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	285	14.3323	14.5098	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	1,000	14.3380	14.5164	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	930	14.3467	14.5264	0.0000	0.0000	0	0.00
May 2016	DAUS	Future	2,003	14.3496	14.5297	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>		
Jun 2016	DAUS	Future	264	14.3756	14.5559	0.0000	0.0000	0	0.00		
Jun 2016	DAUS	Future	0	14.3929	14.6155	0.0000	0.0000	35	511,542.50		
Jul 2016	DAUS	Future	2,110	14.5144	14.6950	0.0000	0.0000	0	0.00		
Jul 2016	DAUS	Future	265	14.5173	14.6979	0.0000	0.0000	0	0.00		
Aug 2016	DAUS	Future	105	14.5702	14.7514	0.0000	0.0000	0	0.00		
Aug 2016	DAUS	Future	2,610	14.6116	14.7931	0.0000	0.0000	0	0.00		
Sep 2016	DAUS	Future	259	14.6618	14.8438	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	251	14.9282	15.1113	0.0000	0.0000	0	0.00		
			<u>19,703</u>					<u>475.00</u>	<u>6,847,734.10</u>	<u>3,749,104.00</u>	<u>39,745,783,385.20</u>

Option

May 2016	DAUS	14.42 Put	1,000	194.8700	125.0046	0.0000	0.0000	0	0.00
May 2016	DAUS	14.87 Put	18,400	596.5075	445.7398	0.0000	0.0000	0	0.00
May 2016	DAUS	15.03 Call	18,400	3.4120	13.1504	0.0000	0.0000	0	0.00
May 2016	DAUS	14.55 Call	2,500	66.5068	149.1365	0.0000	0.0000	0	0.00
May 2016	DAUS	14.28 Put	8,403	166.0341	115.9753	0.0000	0.0000	0	0.00
May 2016	DAUS	14.44 Put	1,000	258.7066	187.1068	0.0000	0.0000	0	0.00
May 2016	DAUS	15.51 Call	8,403	3.4281	10.8846	0.0000	0.0000	0	0.00
May 2016	DAUS	14.46 Put	1,000	308.0383	230.8215	0.0000	0.0000	0	0.00
May 2016	DAUS	14.28 Put	15,000	209.7980	155.3489	0.0000	0.0000	0	0.00
May 2016	DAUS	14.48 Put	1,000	347.2486	267.0067	0.0000	0.0000	0	0.00
May 2016	DAUS	11.80 Put	250	0.2212	0.2208	0.0000	0.0000	0	0.00
May 2016	DAUS	13.50 Put	150	32.9178	24.0296	0.0000	0.0000	0	0.00
May 2016	DAUS	14.25 Put	1,000	232.4964	176.9287	0.0000	0.0000	0	0.00
May 2016	DAUS	16.13 Call	250	7.7497	16.8468	0.0000	0.0000	0	0.00
May 2016	DAUS	16.70 Call	150	2.7239	5.6058	0.0000	0.0000	0	0.00
May 2016	DAUS	14.50 Put	1,000	380.6152	300.0012	0.0000	0.0000	0	0.00
Jun 2016	DAUS	12.20 Put	1,000	1.5016	1.8935	0.0000	0.0000	0	0.00
Jun 2016	DAUS	15.45 Call	1,000	59.1881	96.9932	0.0000	0.0000	0	0.00
Jun 2016	DAUS	14.52 Put	1,000	416.0329	335.6071	0.0000	0.0000	0	0.00
Jun 2016	DAUS	14.60 Put	8,219	470.8881	383.5650	0.0000	0.0000	0	0.00
Jun 2016	DAUS	15.78 Call	8,219	39.2776	65.4248	0.0000	0.0000	0	0.00
Jun 2016	DAUS	14.54 Put	1,000	448.6164	367.4236	0.0000	0.0000	0	0.00
Jun 2016	DAUS	16.09 Call	10,000	32.3943	54.5920	0.0000	0.0000	0	0.00
Jun 2016	DAUS	14.56 Put	1,000	478.2278	396.7686	0.0000	0.0000	0	0.00
Jun 2016	DAUS	15.17 Put	7,900	920.7441	801.9916	0.0000	0.0000	0	0.00
Jun 2016	DAUS	16.64 Call	7,900	26.5312	42.1319	0.0000	0.0000	0	0.00
Jun 2016	DAUS	11.80 Put	250	3.4942	3.2235	0.0000	0.0000	0	0.00
Jun 2016	DAUS	13.50 Put	150	87.3049	69.9141	0.0000	0.0000	0	0.00
Jun 2016	DAUS	14.58 Put	1,000	505.7572	424.5370	0.0000	0.0000	0	0.00
Jun 2016	DAUS	16.62 Call	250	32.5986	50.2513	0.0000	0.0000	0	0.00
Jun 2016	DAUS	17.04 Call	150	19.6181	31.4981	0.0000	0.0000	0	0.00
Jul 2016	DAUS	14.60 Put	1,000	532.3066	449.3226	0.0000	0.0000	0	0.00

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Jul 2016	DAUS	14.62 Put	12,000	557.2285	473.3212	0.0000	0.0000	0	0.00
Jul 2016	DAUS	16.60 Put	7,229	2173.5125	2020.4985	0.0000	0.0000	0	0.00
Jul 2016	DAUS	18.19 Call	7,229	25.4153	35.4840	0.0000	0.0000	0	0.00
Jul 2016	DAUS	11.80 Put	250	8.0529	6.5607	0.0000	0.0000	0	0.00
Jul 2016	DAUS	13.50 Put	150	131.0210	107.3271	0.0000	0.0000	0	0.00
Jul 2016	DAUS	17.13 Call	250	55.7459	75.4411	0.0000	0.0000	0	0.00
Jul 2016	DAUS	17.45 Call	150	43.2423	58.8697	0.0000	0.0000	0	0.00
Aug 2016	DAUS	12.70 Put	2,000	43.1137	36.7429	0.0000	0.0000	0	0.00
Aug 2016	DAUS	15.52 Call	2,000	270.0204	331.1123	0.0000	0.0000	0	0.00
Aug 2016	DAUS	15.84 Put	5,000	1494.0085	1364.0736	0.0000	0.0000	0	0.00
Aug 2016	DAUS	17.39 Call	5,000	74.4582	95.1879	0.0000	0.0000	0	0.00
Aug 2016	DAUS	11.80 Put	250	10.4120	8.6435	0.0000	0.0000	0	0.00
Aug 2016	DAUS	13.50 Put	150	169.7718	142.8862	0.0000	0.0000	0	0.00
Aug 2016	DAUS	17.70 Call	250	74.3650	91.3662	0.0000	0.0000	0	0.00
Aug 2016	DAUS	17.93 Call	150	66.8487	81.4982	0.0000	0.0000	0	0.00
Sep 2016	DAUS	13.78 Put	48,990	260.4260	223.1897	0.0000	0.0000	0	0.00
Sep 2016	DAUS	17.30 Call	48,990	114.8995	142.3174	0.0000	0.0000	0	0.00
Sep 2016	DAUS	14.95 Put	1,000	841.1565	748.3603	0.0000	0.0000	0	0.00
Sep 2016	DAUS	18.71 Call	1,000	67.0312	79.9845	0.0000	0.0000	0	0.00
Sep 2016	DAUS	11.80 Put	250	12.4658	10.8774	0.0000	0.0000	0	0.00
Sep 2016	DAUS	13.50 Put	150	203.3184	174.0125	0.0000	0.0000	0	0.00
Sep 2016	DAUS	18.25 Call	250	98.8722	115.9085	0.0000	0.0000	0	0.00
Sep 2016	DAUS	18.41 Call	150	93.4042	109.3929	0.0000	0.0000	0	0.00
Oct 2016	DAUS	11.80 Put	250	12.8097	12.2809	0.0000	0.0000	0	0.00
Oct 2016	DAUS	13.50 Put	150	227.8417	197.1358	0.0000	0.0000	0	0.00
Oct 2016	DAUS	18.77 Call	250	118.2072	136.7783	0.0000	0.0000	0	0.00
Oct 2016	DAUS	18.85 Call	150	115.4431	133.5557	0.0000	0.0000	0	0.00
Nov 2016	DAUS	11.80 Put	250	14.2603	15.0001	0.0000	0.0000	0	0.00
Nov 2016	DAUS	13.50 Put	150	257.1205	223.8468	0.0000	0.0000	0	0.00
Nov 2016	DAUS	19.40 Call	400	138.0437	159.7713	0.0000	0.0000	0	0.00
			<u>272,382</u>					<i>0.00</i>	<i>0.00</i>
		Total	292,085					475.00	6,847,734.10
									11,104,621.00
									39,745,783,385.20
Future									
Jun 2016	EUUS	Future	10,571	1.1333	1.1324	0.0000	0.0000	0	0.00
			<u>10,571</u>					<i>0.00</i>	<i>0.00</i>
		Total	10,571					0.00	0.00
									247,678.00
									2,809,269,961.00
Future									
Jun 2016	ZAAD	Future	7,764	10.9560	11.2489	11.1110	11.0864	316	3,507,228.00
Sep 2016	ZAAD	Future	1,434	11.1314	11.4232	11.2620	11.1488	5	55,984.80
Dec 2016	ZAAD	Future	380	11.2983	11.5888	0.0000	0.0000	0	0.00

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Mar 2017	ZAAD	Future	4,348	11.4571	11.7454	0.0000	0.0000	6	69,342.00		
			13,926					327.00	3,632,554.80	2,827,324.00	23,174,943,085.20
		Total	13,926					327.00	3,632,554.80	2,859,701.00	23,174,943,085.20
Future											
Jun 2016	ZACR	Future	230	2.2140	2.2354	0.0000	0.0000	0	0.00		
			230					0.00	0.00	109,314.00	2,492,459,546.00
		Total	230					0.00	0.00	109,314.00	2,492,459,546.00
Future											
Jun 2016	ZAEU	Future	71,983	16.3051	16.4966	16.5198	16.3594	1,420	23,411,264.60		
Sep 2016	ZAEU	Future	8,607	16.6827	16.8781	16.8272	16.7970	500	8,406,050.00		
Dec 2016	ZAEU	Future	11,367	17.0494	17.2463	0.0000	0.0000	0	0.00		
Mar 2017	ZAEU	Future	2,500	17.4004	17.5998	0.0000	0.0000	0	0.00		
			94,457					1,920.00	31,817,314.60	8,340,715.00	111,033,694,406.30
Option											
Jun 2016	ZAEU	14.20 Put	6,000	8.1366	9.1753	0.0000	0.0000	0	0.00		
Jun 2016	ZAEU	15.70 Put	2,912	170.7060	134.6515	0.0000	0.0000	0	0.00		
Jun 2016	ZAEU	15.96 Call	6,000	604.8741	745.6688	0.0000	0.0000	0	0.00		
Jun 2016	ZAEU	16.63 Put	7,000	615.1436	515.5379	0.0000	0.0000	0	0.00		
Jun 2016	ZAEU	17.00 Put	564	881.3419	758.8938	0.0000	0.0000	0	0.00		
Jun 2016	ZAEU	17.79 Put	3,500	1552.2324	1394.3776	0.0000	0.0000	0	0.00		
Jun 2016	ZAEU	19.85 Call	3,500	7.1180	9.3365	0.0000	0.0000	0	0.00		
Sep 2016	ZAEU	17.00 Call	700	672.5183	770.3220	0.0000	0.0000	0	0.00		
Dec 2016	ZAEU	16.40 Put	2,912	710.4137	643.5018	0.0000	0.0000	0	0.00		
Dec 2016	ZAEU	16.90 Put	2,961	966.2997	884.8419	0.0000	0.0000	0	0.00		
Dec 2016	ZAEU	20.80 Call	2,912	269.4719	296.4626	0.0000	0.0000	0	0.00		
Dec 2016	ZAEU	21.90 Call	2,961	218.4570	239.0255	0.0000	0.0000	0	0.00		
			41,922					0.00	0.00	4,675,743.00	0.00
		Total	136,379					1,920.00	31,817,314.60	13,016,458.00	111,033,694,406.30
Future											
Jun 2016	ZAFR	Future	3,909	14.8647	15.0010	0.0000	0.0000	0	0.00		
			3,909					0.00	0.00	527,558.00	5,330,883,797.90
		Total	3,909					0.00	0.00	527,558.00	5,330,883,797.90
Future											
Jun 2016	ZAGB	Future	57,236	20.9756	21.2544	21.2400	20.9989	1,057	22,234,925.00		
Sep 2016	ZAGB	Future	24,275	21.4029	21.6847	0.0000	0.0000	0	0.00		
Dec 2016	ZAGB	Future	5	21.8118	22.0947	0.0000	0.0000	0	0.00		
			81,516					1,057.00	22,234,925.00	5,679,052.00	89,860,908,842.60

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Option										
Jun 2016	ZAGB	24.30 Call	1,300	7.5613	11.2136	0.0000	0.0000	0	0.00	
Jun 2016	ZAGB	26.50 Call	2,600	4.6994	5.1975	0.0000	0.0000	0	0.00	
Sep 2016	ZAGB	20.51 Call	0	1310.5121	1517.9392	0.0000	0.0000	850	0.00	
Dec 2016	ZAGB	17.13 Put	4,885	49.7898	48.0110	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	18.41 Put	783	127.6106	107.6824	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	21.41 Put	4,885	973.1024	861.2545	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	23.01 Put	783	1975.4829	1803.7071	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	24.46 Call	4,885	467.0159	541.4285	0.0000	0.0000	0	0.00	
Dec 2016	ZAGB	26.94 Call	783	202.0486	235.6257	0.0000	0.0000	0	0.00	
			<u>20,904</u>					<u>850.00</u>	<u>0.00</u>	<u>1,649,789.00</u>
	Total		102,420					1,907.00	22,234,925.00	7,328,841.00
										89,860,908,842.60
Future										
Jun 2016	ZAJY	Future	4,799	0.1326	0.1312	0.1345	0.1342	15	201,450.00	
Sep 2016	ZAJY	Future	1,148	0.1357	0.1343	0.0000	0.0000	0	0.00	
Dec 2016	ZAJY	Future	5,961	0.1387	0.1373	0.0000	0.0000	11	154,770.00	
			<u>11,908</u>					<u>26.00</u>	<u>356,220.00</u>	<u>731,660.00</u>
	Total		11,908					26.00	356,220.00	731,660.00
										7,661,811,113.80
Future										
Jun 2016	ZAKS	Future	1,266	0.1414	0.1427	0.0000	0.0000	0	0.00	
			<u>1,266</u>					<u>0.00</u>	<u>0.00</u>	<u>17,917.00</u>
	Total		1,266					0.00	0.00	17,917.00
										245,097,110.00
Future										
Jun 2016	ZANN	Future	11,085	0.0695	0.0698	0.0000	0.0000	0	0.00	
			<u>11,085</u>					<u>0.00</u>	<u>0.00</u>	<u>1,020,697.00</u>
	Total		11,085					0.00	0.00	1,020,697.00
										5,840,828,390.00
Future										
Jun 2016	ZAUM	Future	981	14.3871	14.5675	14.5433	14.4059	76	110,217,190.00	
Sep 2016	ZAUM	Future	331	14.6737	14.8557	14.8145	14.7854	200	295,959,350.00	
Dec 2016	ZAUM	Future	22	14.9430	15.1261	15.0911	15.0800	21	31,680,080.00	
Mar 2017	ZAUM	Future	54	15.1962	15.3785	15.3569	15.3380	57	87,484,440.00	
			<u>1,388</u>					<u>354.00</u>	<u>525,341,060.00</u>	<u>122,205.00</u>
	Total		1,388					354.00	525,341,060.00	126,728.00
										134,450,799,260.00
Future										
Jun 2016	ZAUS	Future	619,506	14.3871	14.5675	14.5616	14.3968	32,629	473,802,100.40	
Sep 2016	ZAUS	Future	183,239	14.6737	14.8557	14.8344	14.5500	17,727	262,308,970.10	

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Dec 2016	ZAUS	Future	60,413	14.9430	15.1261	15.1085	15.0846	8,600	129,780,735.00		
Mar 2017	ZAUS	Future	5,047	15.1962	15.3785	15.3491	15.3421	2,004	30,751,818.00		
Jun 2017	ZAUS	Future	1,300	15.4706	15.6482	0.0000	0.0000	0	0.00		
			<u>869,505</u>					<u>60,960.00</u>	<u>896,643,623.50</u>	<u>109,396,302.00</u>	<u>1,177,516,545,548.70</u>

Option

Jun 2016	ZAUS	12.16 Put	330	2.9477	3.1557	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	12.91 Put	6,600	10.7812	11.2437	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	13.00 Put	750	13.7508	13.1610	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	13.20 Put	700	25.9932	19.9896	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	13.50 Call	53,633	946.8052	1113.7367	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	13.50 Put	545	59.7052	46.2367	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	13.53 Put	36,230	64.3958	49.9218	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.00 Put	50,071	183.3500	144.5297	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.10 Put	50	221.0750	175.8379	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.20 Put	5,150	263.3921	211.3499	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.25 Put	51,000	286.2816	230.7145	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.45 Put	500	390.3870	319.0400	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.50 Put	66,600	420.0347	343.8307	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.70 Call	50	236.0370	323.1723	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.78 Call	25,500	211.8757	293.2817	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.80 Put	26,500	619.0882	518.6904	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.85 Put	8,000	655.4597	551.6070	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.93 Call	330	172.4349	243.6256	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.96 Put	5,250	738.2940	627.1349	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	14.97 Put	35,000	746.0055	634.2056	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	15.00 Call	56,883	156.4165	223.1094	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	15.00 Put	7,840	769.3165	655.6094	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	15.10 Call	17,283	135.9030	196.4937	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	15.75 Call	7,000	52.6459	83.2350	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	15.90 Call	900	41.7667	67.9256	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.00 Call	650	35.2888	59.2993	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.00 Put	44,505	1648.1888	1491.7993	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.10 Call	3,000	29.7587	51.3479	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.23 Call	750	23.7801	42.0619	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.26 Put	10,000	1895.4716	1732.6547	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.30 Call	1,200	21.0502	37.7383	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.34 Call	5,000	19.6269	35.4594	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.50 Put	300	2127.6985	1960.0812	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.53 Call	36,230	14.0300	26.3026	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.65 Put	14	2274.2220	2104.2320	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.67 Call	38,250	10.9227	21.0488	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	16.93 Call	700	6.8236	13.8461	0.0000	0.0000	0	0.00

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Jun 2016	ZAUS	16.95 Call	8,000	6.5794	13.4038	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	17.00 Call	1,300	6.0055	12.3579	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	17.00 Put	201	2618.9055	2444.8579	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	17.06 Call	600	5.3813	11.2072	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	17.09 Call	10,000	5.0935	10.6718	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	18.00 Call	14	2.7763	4.1789	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	18.07 Call	17,500	2.7343	4.0489	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	18.15 Call	5,250	2.6905	3.9111	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	18.17 Call	6,600	2.6801	3.8783	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	18.48 Call	1,000	2.5503	3.4444	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	18.60 Call	25,000	2.5131	3.3081	0.0000	0.0000	0	0.00
Jun 2016	ZAUS	19.00 Call	2,700	1.5038	2.9497	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	13.24 Put	405	136.5881	115.8777	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	13.70 Put	2,800	247.6785	212.9036	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.50 Put	73,000	579.9097	509.2834	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.60 Call	1,000	707.4047	814.7824	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	14.70 Put	2,800	690.6080	611.3507	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	15.00 Call	1,300	550.8781	639.7909	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.27 Call	21,500	252.2085	301.5864	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.51 Call	15,000	217.1443	261.6554	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.66 Call	5,000	197.9114	239.1535	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	16.70 Call	1,600	193.0986	233.5086	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	17.00 Call	1,000	160.8281	195.5006	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	17.50 Call	405	119.5257	146.3980	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	17.70 Call	10,000	108.0615	130.7675	0.0000	0.0000	0	0.00
Sep 2016	ZAUS	19.55 Call	17,500	45.9610	61.3999	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	11.80 Put	250	18.7852	14.6740	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.22 Put	725	204.2073	174.3749	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	6,600	234.5866	205.9831	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	150	273.3476	241.0664	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Put	4,000	331.4571	293.9427	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	8,000	660.7438	593.0171	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	727.5258	655.6929	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	4,000	764.8448	690.8231	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	40,000	819.7869	742.6485	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.91 Put	100	882.3694	801.8582	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.98 Put	1,700	923.6029	840.7032	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	27,368	935.6477	851.9683	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1059.8921	969.2408	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1066.2853	975.3233	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	86,321	733.7639	820.1792	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Call	750	702.1882	785.0379	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	15.50 Put	69,895	1259.1882	1158.9379	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1307.9618	1205.2661	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	1473.0529	1363.8953	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,800	1622.2043	1507.9441	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.20 Put	500	1775.5243	1657.0495	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.47 Put	1,365	1988.5958	1864.9458	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2036.9321	1912.0134	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	6,600	2167.4545	2039.2825	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.83 Call	4,000	396.4885	448.7169	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	383.5175	434.2605	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	375.6603	425.5058	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	3,500	282.3584	318.8051	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	257.3574	287.9670	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	252.9458	282.9745	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.45 Call	1,700	227.2228	253.8383	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	203.4143	226.8277	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.98 Call	10,000	199.1186	221.9502	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	198.1877	220.8940	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	83,003	186.2811	213.2698	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	177.1286	208.4666	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.70 Call	1,365	140.8127	169.5058	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	137.2314	165.3748	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	133.0446	160.5396	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	123.7295	149.7580	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	600	115.6234	140.3472	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	6,600	110.8826	134.8303	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	103.0177	125.6555	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	99.8086	121.9032	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	74.8424	92.5202	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.00 Call	500	70.9158	87.8638	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	62.2677	77.5687	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	60.2666	75.1780	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1107.9633	1020.5330	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1188.6047	1098.2945	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.70 Put	6,370	1410.7085	1312.0834	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	1437.8473	1338.2639	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2186.6908	2065.4955	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	374.1713	408.6024	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	373.2781	407.4020	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	328.6340	356.8536	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	303.6218	329.2228	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	143.7493	167.0473	0.0000	0.0000	0	0.00

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		1,479,512					0.00	0.00
								24,066,092.00
	Total	2,349,017					60,960.00	896,643,623.50
								133,462,394.00
								1,177,516,545,548.70
Grand Total		2,958,983					66,258.00	1,492,931,250.80
								178,045,141
								1,633,543,051,997.70