



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 11-April-2018

<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>
Future									
Apr 2018	DAEU	Future	16	14.9309	14.9482	0.0000	0.0000	0	0.00
May 2018	DAEU	Future	41	15.0022	15.0200	0.0000	0.0000	0	0.00
			<u>57</u>					<i>0.00</i>	<i>0.00</i>
		Total	57					0.00	0.00
									<i>790 883.00</i>
									<i>11 804 363 950.70</i>
Future									
Apr 2018	DAGB	Future	9	17.1255	17.1481	0.0000	0.0000	0	0.00
May 2018	DAGB	Future	11	17.1707	17.1936	0.0000	0.0000	0	0.00
			<u>20</u>					<i>0.00</i>	<i>0.00</i>
		Total	20					0.00	0.00
									<i>53 724.00</i>
									<i>881 424 413.00</i>
Future									
Apr 2018	DAUS	Future	192	12.0166	12.0679	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,551	12.0185	12.0696	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	12.0306	12.0812	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,846	12.0339	12.0845	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	396	12.0403	12.0911	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	46,000	12.0516	12.1026	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.0581	12.1092	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.0899	12.1419	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,790	12.1346	12.1875	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.1390	12.1921	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.1662	12.2199	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.1723	12.2261	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.1739	12.2277	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.1769	12.2308	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,303	12.1831	12.2370	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.2030	12.2571	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,666	12.2305	12.2851	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	12.2734	12.3285	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>
Oct 2018	DAUS	Future	70	12.3147	12.3702	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.3208	12.3764	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	430	12.3238	12.3794	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.3437	12.3994	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	12.4834	12.5396	0.0000	0.0000	0	0.00
Mar 2019	DAUS	Future	4,414	12.5465	12.6024	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	13.3353	13.3894	0.0000	0.0000	0	0.00
			<u>149,524</u>					<u>0.00</u>	<u>0.00</u>
									<u>9 243 163.00</u>
									<u>112 065 617 583.90</u>

Option

Apr 2018	DAUS	12.03 Put	20,000	99.0694	80.1469	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2967.7000	2917.2778	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.0000	0.2639	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	28.2764	22.4641	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	39.2209	31.6619	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	43.5200	35.3086	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	61.4410	50.6673	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	237.7411	276.9579	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	210.9981	248.4968	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	192.0811	228.2104	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	136.1218	116.4673	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	110.5310	136.5407	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	106.6739	132.1492	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1759.9441	1709.2986	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.1127	0.1089	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.1594	0.1262	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	8.5300	6.2314	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	295.3298	336.5238	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	28.3989	37.9777	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	81.0779	99.8561	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	186.1120	218.3315	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	139.7918	165.6558	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	706.3239	661.4010	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1805.8621	1754.9598	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.1754	0.2272	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	715.5806	671.0233	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2437.4154	2386.1457	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.3619	0.5265	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	2.4461	2.3310	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	51.1164	43.4619	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	133.4882	155.6817	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	160.6410	141.8898	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1715.4323	1664.5847	0.0000	0.0000	0	0.00

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May 2018	DAUS	15.43 Call	500	1.1040	1.0603	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	0.8733	0.9378	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.80 Call	1,746	66.8554	76.5582	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	1684.5881	1636.2043	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	2.6873	2.2230	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	1.4842	1.1435	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	268.0131	246.2422	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	36.1146	40.9589	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	29.2222	33.4375	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	2295.8376	2244.0046	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	1.9362	2.3057	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1665.6524	1616.5388	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	2.8719	3.1708	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	1.1256	1.2864	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	445.6433	415.3322	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1717.8620	1668.5349	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	1.6760	1.9202	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1649.8390	1600.9785	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	3.5545	3.8190	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	1.4426	1.5501	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1637.2242	1588.9280	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	10.4195	10.8508	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	5.0490	5.2433	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1626.1280	1578.8065	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	17.5098	18.3898	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	9.4968	9.9737	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	296.0307	275.3043	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1677.0073	1629.2137	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	13.0788	13.9574	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	50.2522	46.8659	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	216.2348	200.8611	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	266.5184	279.7376	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1618.2697	1571.9362	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	22.7152	24.3153	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	12.3491	13.2695	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1489.6161	1443.8059	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	56.3563	58.8175	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1609.8760	1564.8464	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	26.5930	29.1796	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	14.6001	16.1567	0.0000	0.0000	0	0.00		
			<u>575,126</u>					<u>0.00</u>	<u>0.00</u>	<u>18 194 867.00</u>	<u>0.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
Total			724,650					0.00	0.00	27 438 030.00	112 065 617 583.90	
Option												
	May 2018	DAYJ	8.94 Call	100,000	854.6300	838.1542	0.0000	0.0000	0	0.00		
	Jun 2018	DAYJ	8.34 Put	110,000	1109.0814	1122.7066	0.0000	0.0000	0	0.00		
				<u>210,000</u>					<u>0.00</u>	<u>0.00</u>	200 000.00	0.00
	Total		210,000						0.00	0.00	200 000.00	0.00
Future												
	Jun 2018	EUUS	Future	190	1.2446	1.2407	0.0000	0.0000	0	0.00		
				<u>190</u>					<u>0.00</u>	<u>0.00</u>	703 628.00	7 967 376 542.00
	Total		190						0.00	0.00	703 628.00	7 967 376 542.00
Future												
	Sep 2018	JYZA	Future	283	8.6156	8.6104	0.0000	0.0000	0	0.00		
				<u>283</u>					<u>0.00</u>	<u>0.00</u>	18 783.00	186 145 988.86
Option												
	Jun 2018	JYZA	8.89 Put	1,200	2847.2483	2847.2281	0.0000	0.0000	0	0.00		
				<u>1,200</u>					<u>0.00</u>	<u>0.00</u>	25 800.00	0.00
	Total		1,483						0.00	0.00	44 583.00	186 145 988.86
Future												
	Jun 2018	ZAAD	Future	12,044	9.4155	9.4423	0.0000	0.0000	13,880	131,142,144.00		
	Sep 2018	ZAAD	Future	750	9.5291	9.5577	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	11,312	9.6414	9.6707	0.0000	0.0000	0	0.00		
				<u>24,106</u>					<u>13,880.00</u>	<u>131,142,144.00</u>	3 604 536.00	31 206 739 782.30
	Total		24,106						13,880.00	131,142,144.00	3 636 913.00	31 206 739 782.30
Future												
	Jun 2018	ZACA	Future	1,330	9.6591	9.6534	0.0000	0.0000	0	0.00		
				<u>1,330</u>					<u>0.00</u>	<u>0.00</u>	130 953.00	1 286 601 777.10
	Total		1,330						0.00	0.00	130 953.00	1 286 601 777.10
Future												
	Jun 2018	ZAEU	Future	122,081	15.0818	15.1007	15.1700	15.1152	306	4,637,893.20		
	Sep 2018	ZAEU	Future	57,137	15.3647	15.3857	15.4377	15.4377	500	7,718,850.00		
	Dec 2018	ZAEU	Future	4,549	15.6465	15.6682	0.0000	0.0000	5	78,811.50		
	Mar 2019	ZAEU	Future	2,625	15.9604	15.9814	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.2154	16.2330	0.0000	0.0000	0	0.00		
				<u>191,648</u>					<u>811.00</u>	<u>12,435,554.70</u>	14 407 205.00	205 029 834 290.80
Option												

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Jun 2018	ZAEU	13.50 Put	29,734	7.6243	7.0784	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	50,995	13.4877	12.6336	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.97 Put	6,460	23.0279	21.7565	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.25 Put	29,734	44.4244	42.3581	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.30 Call	10,000	831.5937	848.2468	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.40 Call	10,000	746.6336	762.7666	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.00 Call	3,000	348.1284	359.0162	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	50,995	409.9715	399.6459	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.63 Call	29,734	137.3357	143.0740	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.00 Call	3,000	77.1433	81.0377	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.44 Put	6,460	1395.6192	1379.2786	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	6,460	2.9959	2.9811	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	50,995	0.7193	0.7014	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	13.50 Put	29,734	24.6880	24.1525	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,824	95.5854	89.8439	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	822.9504	807.3173	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	155.6021	158.6277	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	18.3921	17.3732	0.0000	0.0000	0	0.00
			<u>607,507</u>					<i>0.00</i>	<i>0.00</i>
Total			799,155					811.00	12,435,554.70
									22 324 474.00
									205 029 834 290.80
Future									
Jun 2018	ZAFR	Future	1,215	12.7349	12.7979	0.0000	0.0000	0	0.00
			<u>1,215</u>					<i>0.00</i>	<i>0.00</i>
Total			1,215					0.00	609 303.00
									6 506 705 521.30
Future									
Jun 2018	ZAGB	Future	187,577	17.2698	17.2945	17.3750	17.3483	4,394	76,257,194.00
Sep 2018	ZAGB	Future	18,494	17.5365	17.5637	0.0000	0.0000	0	0.00
Dec 2018	ZAGB	Future	5,393	17.7979	17.8261	0.0000	0.0000	1,353	24,084,085.00
Mar 2019	ZAGB	Future	3,129	18.0814	18.1076	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	5,465	18.3497	18.3744	0.0000	0.0000	0	0.00
			<u>220,058</u>					<i>5,747.00</i>	<i>100,341,279.00</i>
									10 454 599.00
									174 947 704 824.00
Option									
Jun 2018	ZAGB	17.50 Put	500	546.8532	535.1827	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	8.0716	8.6589	0.0000	0.0000	0	0.00
			<u>1,000</u>					<i>0.00</i>	<i>0.00</i>
Total			221,058					5,747.00	100,341,279.00
									12 228 712.00
									174 947 704 824.00
Future									
Jun 2018	ZAJY	Future	8,296	0.1140	0.1141	0.0000	0.0000	0	0.00

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			8,296					0.00	0.00	978 643.00	10 906 872 238.10
		Total	8,296					0.00	0.00	978 643.00	10 906 872 238.10
Future											
	Jun 2018 ZAKS	Future	1,145	0.1184	0.1192	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1178	0.1188	0.0000	0.0000	0	0.00		
			1,707					0.00	0.00	31 923.00	432 652 210.00
		Total	1,707					0.00	0.00	31 923.00	432 652 210.00
Future											
	Jun 2018 ZATR	Future	12,120	2.8692	2.9020	0.0000	0.0000	0	0.00		
			12,120					0.00	0.00	250 309.00	896 989 419.50
		Total	12,120					0.00	0.00	250 309.00	896 989 419.50
Future											
	Jun 2018 ZAUM	Future	395	12.1181	12.1707	0.0000	0.0000	0	0.00		
	Sep 2018 ZAUM	Future	50	12.2565	12.3114	0.0000	0.0000	0	0.00		
	Dec 2018 ZAUM	Future	28	12.3910	12.4471	0.0000	0.0000	0	0.00		
			473					0.00	0.00	149 233.00	171 788 289 070.00
		Total	473					0.00	0.00	153 756.00	171 788 289 070.00
Future											
	Jun 2018 ZAUS	Future	903,473	12.1181	12.1707	12.2329	12.0900	24,261	295,179,797.10		
	Sep 2018 ZAUS	Future	52,945	12.2565	12.3114	0.0000	0.0000	3,500	43,014,650.00		
	Dec 2018 ZAUS	Future	21,656	12.3910	12.4471	12.4834	12.4000	15	186,417.00		
	Mar 2019 ZAUS	Future	2,515	12.5330	12.5890	0.0000	0.0000	0	0.00		
	Jun 2019 ZAUS	Future	3,087	12.6683	12.7231	0.0000	0.0000	0	0.00		
			983,676					27,776.00	338,380,864.10	171 165 646.00	2 017 378 081 116.20
Option											
	Jun 2018 ZAUS	11.00 Put	60,750	9.0774	7.6255	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.20 Put	2,550	19.0749	16.7549	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.35 Call	10,000	799.8806	849.3007	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.45 Call	10,000	711.8042	760.5286	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.50 Put	30,216	50.9279	46.6556	0.0000	0.0000	10,150	0.00		
	Jun 2018 ZAUS	11.60 Put	8,000	71.1800	64.1068	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.70 Call	60	514.7332	557.9179	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.75 Put	60,000	111.4604	100.7431	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.77 Put	76,000	117.7988	106.5380	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.80 Put	1,500	127.7509	115.6502	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.90 Put	9,500	164.8545	149.7825	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	12.00 Call	3,000	326.2024	360.5485	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 2018	ZAUS	12.00 Put	35,050	208.1024	189.8485	0.0000	0.0000	7,500	0.00
Jun 2018	ZAUS	12.06 Put	150	237.0097	0.0000	0.0000	0.0000	150	0.00
Jun 2018	ZAUS	12.12 Put	372	268.7854	245.8804	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.13 Call	500	262.6147	291.6398	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Call	0	258.4052	286.7587	0.0000	0.0000	16,000	0.00
Jun 2018	ZAUS	12.14 Put	155,500	280.3052	256.0587	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	286.1546	261.2369	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	347.7752	319.6557	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	380.6148	350.9596	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	450.0074	417.4488	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	154.5229	0.0000	0.0000	0.0000	150	0.00
Jun 2018	ZAUS	12.50 Call	10,050	141.9913	159.3705	0.0000	0.0000	15,000	0.00
Jun 2018	ZAUS	12.50 Put	114,600	523.8913	488.6705	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	724.5324	683.9830	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	906.1238	862.2119	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	59.9055	68.0566	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	941.8055	897.3566	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	986.8225	941.7453	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1096.5334	1050.1274	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1124.2900	1077.5877	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	1217.6259	1170.0320	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	32.2234	37.4290	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1367.5095	1319.1778	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1386.4541	1337.9674	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1405.4392	1356.8024	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1539.3711	1489.8151	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1645.6826	1595.5427	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1694.2648	1643.8949	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1703.9986	1653.5849	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1723.4827	1672.9843	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1733.2331	1682.6929	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1791.8394	1741.0667	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	7.9776	9.4709	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1889.8776	1838.7709	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1988.2951	1936.9117	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2136.4811	2084.7717	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	2.5880	2.9387	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	2.4204	2.4113	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	2.3457	2.3300	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	2.1815	2.1502	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	2.1693	2.1365	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	2.1395	2.1035	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.30 Call	24,500	2.1140	2.0748	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	2.0805	2.0366	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	2.0662	2.0199	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	2.0608	2.0135	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.8810	1.9755	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.8903	0.9518	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.5632	0.6014	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.5287	0.5645	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.4463	0.4763	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.4187	0.4468	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.3169	0.3379	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1759	0.1872	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1474	0.1568	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0922	0.0978	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0627	0.0664	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	122.6017	111.4310	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	127.5709	116.0708	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	154.5384	141.3189	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	203.5987	186.6671	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	241.8141	222.7263	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	306.6494	284.2704	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	463.6724	433.7879	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	1,600	346.3605	367.3961	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	664.7559	628.8889	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	692.8788	656.3171	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	266.3960	282.7622	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	258.7390	274.6376	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	839.9744	800.2191	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1161.1292	1116.5057	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	159.8471	169.6292	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	132.4355	140.4583	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	113.8904	121.2346	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	9.2371	10.7077	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	8.3661	9.8010	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	7.2543	8.5267	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	5.8436	6.9030	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	222.3114	207.5246	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	522.6783	547.1706	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	362.8815	380.0190	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,000	314.7661	329.3652	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	206.0243	216.0405	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	93.7229	98.0782	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	15.95 Call	2,000	50.8168	52.9337	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	27.6513	22.2229	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	300.2376	285.1629	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	431.0917	409.7703	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	397.9903	413.5329	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	219.5027	228.4913	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	65.7662	67.3839	0.0000	0.0000	0	0.00
			<u>1,669,456</u>					<u>48,950.00</u>	<u>0.00</u>
		Total	2,653,132					76,726.00	338,380,864.10
									<u>218 594 823.00</u>
									<u>2 017 378 081 116.20</u>

Grand Total	4,658,992					97,164.00	582 299 841.80	297,918,993	2,798,162,344,609.58
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