



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 13-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Apr 2018	DAEU	Future	16	14.9348	14.8213	0.0000	0.0000	0	0.00		
May 2018	DAEU	Future	41	15.0059	14.8920	0.0000	0.0000	0	0.00		
			<u>57</u>					<u>0.00</u>	<u>0.00</u>	<u>790 883.00</u>	<u>11 804 363 950.70</u>
		Total	57					0.00	0.00	1 737 670.00	11 804 363 950.70
Future											
Apr 2018	DAGB	Future	9	17.2630	17.1293	0.0000	0.0000	0	0.00		
May 2018	DAGB	Future	11	17.3090	17.1751	0.0000	0.0000	0	0.00		
			<u>20</u>					<u>0.00</u>	<u>0.00</u>	<u>53 724.00</u>	<u>881 424 413.00</u>
		Total	20					0.00	0.00	261 037.00	881 424 413.00
Future											
Apr 2018	DAUS	Future	192	12.0841	12.0060	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	1,551	12.0842	12.0028	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	12.0942	12.0144	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	1,846	12.0975	12.0176	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	396	12.1040	12.0241	0.0000	0.0000	12	144,822.00		
May 2018	DAUS	Future	46,000	12.1155	12.0354	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.1221	12.0419	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.1540	12.0738	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	1,790	12.1990	12.1187	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.2036	12.1232	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.2307	12.1502	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.2368	12.1563	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.2383	12.1578	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	12.2414	12.1608	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,303	12.2474	12.1669	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.2672	12.1866	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,666	12.2945	12.2138	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.3370	12.2562	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	12.3779	12.2971	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.3839	12.3031	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.3869	12.3062	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.4065	12.3258	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.5439	12.4641	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.6058	12.5266	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.3943	13.3157	0.0000	0.0000	0	0.00		
			<u>149,524</u>					<u>12.00</u>	<u>144,822.00</u>	<u>9 243 189.00</u>	<u>112 065 930 685.90</u>

Option

Apr 2018	DAUS	12.03 Put	20,000	57.0196	97.1671	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2904.2564	2984.0984	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	1.0618	0.1996	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	16.3539	28.5131	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	23.1905	38.9201	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	25.9522	43.0155	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	37.8838	60.1709	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	276.0185	220.0508	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	245.3824	192.8888	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	223.4369	173.6939	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	93.4672	135.7075	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	123.7279	95.4252	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	119.0945	91.7713	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1696.1590	1776.0600	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.1420	0.1436	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.3037	0.1946	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	4.8535	9.7804	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	339.1035	278.7434	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	26.9777	21.6035	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	85.9251	68.2101	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	209.3842	168.3850	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	153.2698	123.5415	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	640.9616	717.6670	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1741.8211	1821.8713	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.0820	0.0798	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	649.7222	725.5323	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2373.2299	2453.4373	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.2193	0.2048	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	1.3557	2.0613	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	30.4746	48.2056	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	142.5894	118.7085	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	120.9758	160.2639	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1650.9704	1730.6019	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>		
May 2018	DAUS	15.43 Call	500	0.9090	1.0852	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	0.8305	0.6691	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.80 Call	1,746	69.3512	61.1776	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	1619.9982	1697.8779	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	2.4992	2.7054	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	1.5066	1.3657	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	228.3292	269.0416	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	34.6806	32.1506	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	27.3392	25.8607	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	2229.4214	2309.4634	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	2.5033	1.8609	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1599.7250	1677.2744	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	3.1918	2.6001	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	1.3488	0.9936	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	394.0157	448.0097	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1651.6707	1729.4739	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	1.9462	1.4801	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1583.2080	1660.1668	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	3.6918	2.9264	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	1.4857	1.1507	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1570.2324	1646.8848	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	5.1001	7.6036	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	2.1446	3.4965	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1559.4109	1634.6581	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	13.4832	14.8180	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	6.9390	7.8428	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	255.9174	294.3344	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1610.2653	1685.5754	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	10.2109	11.1840	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	40.8501	48.4367	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	184.1838	213.3487	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	265.5957	253.8010	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1553.3909	1626.1462	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	19.4284	19.9788	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	10.1942	10.6562	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1424.9993	1496.2181	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	51.2200	52.8603	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1547.0240	1617.6857	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	24.5159	23.9384	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	13.1657	12.9422	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					12.00	144,822.00	27 438 056.00	112 065 930 685.90	
Option												
	May 2018	DAYJ	8.94 Call	100,000	861.1844	1118.3725	0.0000	0.0000	0	0.00		
	Jun 2018	DAYJ	8.34 Put	110,000	973.3818	987.0451	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	1.2382	1.2370	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	8.6370	8.6743	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	2622.5243	2530.6620	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	9.4841	9.3901	9.4569	9.4560	400	3,782,625.00		
	Sep 2018	ZAAD	Future	750	9.5972	9.5029	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	11,312	9.7086	9.6147	0.0000	0.0000	0	0.00		
				<u>24,106</u>					<u>400.00</u>	<u>3,782,625.00</u>	3 604 936.00	31 210 522 407.30
	Total		24,106						400.00	3,782,625.00	3 637 313.00	31 210 522 407.30
Future												
	Jun 2018	ZACA	Future	1,520	9.6929	9.6144	9.6850	9.6577	210	2,028,390.00		
				<u>1,520</u>					<u>210.00</u>	<u>2,028,390.00</u>	131 163.00	1 288 630 167.10
	Total		1,520						210.00	2,028,390.00	131 163.00	1 288 630 167.10
Future												
	Jun 2018	ZAEU	Future	117,081	15.0849	14.9709	15.0900	15.0248	5,775	87,115,550.00		
	Sep 2018	ZAEU	Future	57,137	15.3689	15.2522	0.0000	0.0000	0	0.00		
	Dec 2018	ZAEU	Future	4,549	15.6483	15.5316	0.0000	0.0000	0	0.00		
	Mar 2019	ZAEU	Future	2,625	15.9605	15.8432	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.2189	16.1008	0.0000	0.0000	0	0.00		
				<u>186,648</u>					<u>5,775.00</u>	<u>87,115,550.00</u>	14 413 810.00	205 129 524 871.30
Option												

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Jun 2018	ZAEU	13.50 Put	29,734	6.7147	9.3524	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	50,995	12.0571	16.7443	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.97 Put	6,460	20.7587	27.7825	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.25 Put	29,734	40.5799	54.6898	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.30 Call	10,000	830.5052	734.4850	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.40 Call	10,000	744.6783	655.4280	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.00 Call	3,000	340.3938	287.9894	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	50,995	398.1325	476.9353	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.63 Call	29,734	128.9645	109.1746	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.00 Call	3,000	70.2758	58.7261	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.44 Put	6,460	1387.7891	1496.5901	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	6,460	2.5429	2.7021	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	50,995	0.6241	0.4550	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	13.50 Put	29,734	20.0120	25.7277	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,824	84.2826	108.4131	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	803.9092	891.6781	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	144.3802	132.7062	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	16.1570	15.7461	0.0000	0.0000	0	0.00
			<u>607,507</u>					<i>0.00</i>	<i>0.00</i>
Total			794,155					5,775.00	87,115,550.00
									22 331 079.00
									205 129 524 871.30
Future									
Jun 2018	ZAFR	Future	1,215	12.7287	12.6381	0.0000	0.0000	0	0.00
			<u>1,215</u>					<i>0.00</i>	<i>0.00</i>
Total			1,215					0.00	0.00
									609 303.00
									6 506 705 521.30
Future									
Jun 2018	ZAGB	Future	187,617	17.4086	17.2741	17.3810	17.3604	581	10,089,281.00
Sep 2018	ZAGB	Future	18,494	17.6772	17.5417	0.0000	0.0000	0	0.00
Dec 2018	ZAGB	Future	5,393	17.9390	17.8019	0.0000	0.0000	0	0.00
Mar 2019	ZAGB	Future	3,129	18.2221	18.0847	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	5,465	18.4924	18.3544	0.0000	0.0000	0	0.00
			<u>220,098</u>					<i>581.00</i>	<i>10,089,281.00</i>
									10 456 185.00
									174 975 224 155.00
Option									
Jun 2018	ZAGB	17.50 Put	500	450.7634	534.7450	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	8.6754	7.3383	0.0000	0.0000	0	0.00
			<u>1,000</u>					<i>0.00</i>	<i>0.00</i>
Total			221,098					581.00	10,089,281.00
									12 230 298.00
									174 975 224 155.00
Future									
Jun 2018	ZAJY	Future	8,296	0.1137	0.1132	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			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	0.1196	0.1185	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1192	0.1178	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	2.9233	2.9018	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	385	12.1825	12.1022	0.0000	0.0000	0	0.00		
	Sep 2018 ZAUM	Future	50	12.3203	12.2396	0.0000	0.0000	0	0.00		
	Dec 2018 ZAUM	Future	28	12.4530	12.3726	0.0000	0.0000	0	0.00		
			463					0.00	0.00	149 278.00	171 842 796 220.00
		Total	463					0.00	0.00	153 801.00	171 842 796 220.00
Future											
	Jun 2018 ZAUS	Future	898,908	12.1825	12.1022	12.1877	12.1200	29,603	359,622,328.40		
	Sep 2018 ZAUS	Future	53,444	12.3203	12.2396	12.3290	12.3290	100	1,232,900.00		
	Dec 2018 ZAUS	Future	21,666	12.4530	12.3726	12.4269	12.4269	120	1,491,228.00		
	Mar 2019 ZAUS	Future	2,515	12.5926	12.5132	0.0000	0.0000	0	0.00		
	Jun 2019 ZAUS	Future	3,087	12.7280	12.6490	0.0000	0.0000	0	0.00		
			979,620					29,823.00	362,346,456.40	171 206 452.00	2 017 873 337 395.30
Option											
	Jun 2018 ZAUS	11.00 Put	60,750	5.9349	9.1001	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.20 Put	2,550	13.4593	19.3890	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.35 Call	10,000	856.0373	784.7374	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.45 Call	10,000	765.8063	697.1027	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.50 Put	30,216	39.3260	52.3971	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.60 Put	12,000	54.0360	73.0144	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.70 Call	60	557.8452	501.0896	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.75 Put	60,000	87.9954	113.9498	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.77 Put	76,000	93.4478	120.3863	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.80 Put	1,500	102.0585	130.4883	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.90 Put	9,500	134.6310	168.1318	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	12.00 Call	3,000	355.8638	314.1795	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	39,050	173.3638	211.9795	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	199.6220	241.2761	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	228.1497	273.4557	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.13 Call	500	285.6239	251.4558	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	238.1625	285.1136	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	243.2613	291.0325	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	299.2672	353.3511	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	212.8136	188.7443	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	330.3136	386.5443	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	396.5109	456.6451	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	164.0162	145.6124	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	10,050	150.1960	133.4276	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	467.6960	531.2276	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	663.7160	733.5423	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	843.0198	916.4342	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	60.8611	54.5427	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	878.3611	952.3427	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	923.0011	997.6329	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1032.0039	1107.9560	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1059.6195	1135.8547	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	1152.5798	1229.6383	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	32.0286	28.6756	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1303.2903	1380.5277	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1322.2250	1399.5805	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1341.2013	1418.6717	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1475.0982	1553.2555	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1581.4001	1659.9790	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1629.9810	1708.7229	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1639.7150	1718.4874	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1659.1988	1738.0311	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1668.9488	1747.8101	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1727.5560	1806.5792	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	8.0966	7.0495	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1825.5966	1904.8495	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1924.0160	2003.4567	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2072.2026	2151.8625	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	2.5611	2.3154	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	1.9440	2.1852	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	1.8962	2.1281	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	1.7980	2.0069	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.7913	1.9982	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.7758	1.9777	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.30 Call	24,500	1.7635	1.9607	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.7497	1.9400	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.7451	1.9321	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	1.7438	1.9293	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.7451	1.7748	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.9277	0.8360	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.5842	0.5273	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.5481	0.4948	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.4619	0.4173	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.4330	0.3914	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.3268	0.2957	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1803	0.1636	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1507	0.1369	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0937	0.0854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0634	0.0579	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	98.0452	120.1408	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	102.4068	125.1087	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	126.2988	152.1003	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	169.6643	201.4117	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	204.3994	239.9273	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	264.2111	305.3755	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	411.3186	464.1362	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	1,600	353.4570	331.3889	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	606.0844	667.5254	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	633.5609	695.9557	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	269.1531	253.4937	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	261.1140	246.0668	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	777.9468	844.5795	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1095.6468	1168.1863	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	157.8887	150.2931	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	129.6305	123.9633	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	111.1169	106.1995	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	5.2212	4.6856	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	4.6411	4.1775	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	3.9346	3.5409	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	3.0621	2.7551	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	191.8493	219.2649	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	532.0569	504.8270	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	365.4161	347.9890	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,000	315.2099	301.1045	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	203.7685	195.0271	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	89.8634	88.2243	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	15.95 Call	2,000	45.6067	47.6420	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	23.5479	28.4005	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	270.5718	297.6879	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	393.3267	429.3536	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	400.2422	383.3334	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	217.8157	208.9898	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	63.4289	62.1959	0.0000	0.0000	0	0.00
			<u>1,681,456</u>					<i>0.00</i>	<i>0.00</i>
		Total	2,661,076					29,823.00	362,346,456.40
									<i>47 441 177.00</i>
									<i>0.00</i>
									<i>218 647 629.00</i>
									<i>2 017 873 337 395.30</i>

Grand Total	4,662,156							36,801.00	465 507 124.40	297,980,921	2,798,847,671,667.18
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