



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 06-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Apr 2018	DAEU	Future	107	14.7816	14.6545	0.0000	0.0000	0	0.00
Apr 2018	DAEU	Future	123	14.8408	14.7134	0.0000	0.0000	107	1,585,740.00
May 2018	DAEU	Future	41	14.9122	14.7847	0.0000	0.0000	0	0.00
			<u>271</u>					<u>107.00</u>	<u>1,585,740.00</u>
		Total	271					107.00	1,585,740.00
									790 669.00
									11 801 211 730.70
Future									
Apr 2018	DAGB	Future	9	17.0397	16.8353	0.0000	0.0000	0	0.00
May 2018	DAGB	Future	11	17.0857	16.8810	0.0000	0.0000	0	0.00
			<u>20</u>					<u>0.00</u>	<u>0.00</u>
		Total	20					0.00	0.00
									53 724.00
									881 424 413.00
Future									
Apr 2018	DAUS	Future	0	12.0155	11.9842	0.0000	0.0000	160,250	1,925,483,875.00
Apr 2018	DAUS	Future	10,000	12.0546	11.9808	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	192	12.0630	11.9909	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,551	12.0647	11.9925	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	12.0765	12.0043	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,846	12.0798	12.0077	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	396	12.0866	12.0144	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	100,000	12.0984	12.0262	0.0000	0.0000	200,000	2,412,740,000.00
May 2018	DAUS	Future	70	12.1051	12.0328	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.1380	12.0654	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,790	12.1840	12.1106	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.1886	12.1152	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.2166	12.1428	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.2228	12.1490	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.2244	12.1505	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.2275	12.1536	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,303	12.2338	12.1598	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>		
Aug 2018	DAUS	Future	70	12.2541	12.1799	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,666	12.2822	12.2076	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.3259	12.2509	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.3680	12.2925	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.3742	12.2987	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.3773	12.3018	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.3976	12.3218	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.5395	12.4625	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.6033	12.5260	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.3797	13.3068	0.0000	0.0000	0	0.00		
			<u>213,524</u>					<u>360,250.00</u>	<u>4,338,223,875.00</u>	<u>9 122 951.00</u>	<u>110 611 630 223.90</u>

Option

Apr 2018	DAUS	11.65 Call	20,000	405.1465	335.1744	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.03 Put	20,000	94.8553	0.0000	0.0000	0.0000	20,000	0.00
Apr 2018	DAUS	15.00 Put	1,000	2921.9886	2994.1018	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.1818	0.0869	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	25.3183	39.3411	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	35.6103	53.3726	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	39.6604	58.7656	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	56.5494	80.6682	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	278.8016	232.2258	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	251.2787	207.7823	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	231.6969	190.5512	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	143.3417	117.6234	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1713.9516	1786.1397	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.0940	0.0872	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.0816	0.0581	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	6.6957	12.1474	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	336.2534	285.4770	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	43.3735	35.8632	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	221.8078	185.9111	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	669.1003	736.2182	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1759.3691	1831.5327	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.3819	0.4200	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	678.6023	744.9663	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2390.3905	2462.7193	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.7112	0.5782	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	2.6737	3.3470	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	46.6246	64.3891	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	158.8903	135.5933	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	147.4951	183.2181	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1669.2550	1740.7847	0.0000	0.0000	0	0.00

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May 2018	DAUS	15.43 Call	500	1.1511	1.3369	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	1.0058	0.8181	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.80 Call	1,746	79.5334	0.0000	0.0000	0.0000	1,746	0.00		
Jun 2018	DAUS	13.80 Put	1,000	1640.9713	1711.0821	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	2.2607	2.4053	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	1.1395	1.1024	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	249.8180	284.1449	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	42.3686	37.4660	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	34.7207	30.6594	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	2248.2632	2319.7882	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	1.9341	1.9733	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1621.2002	1690.0871	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	3.0445	2.7586	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	1.2094	1.0680	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	418.3447	464.3002	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1673.1105	1742.2071	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	1.7855	1.5767	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1605.5359	1673.6150	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	3.4035	3.0444	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	1.3531	1.2076	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1593.1712	1660.6516	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	12.4265	10.3468	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	6.1531	5.0279	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1582.4174	1648.7539	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	19.5591	17.9433	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	10.7180	9.8009	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	273.1081	304.6160	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1632.7039	1699.3559	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	14.8283	13.6367	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	45.0401	50.5554	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	197.8931	221.3404	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	280.1936	264.9955	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1574.5155	1639.7876	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	25.0354	23.2765	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	13.7330	12.7432	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1446.1149	1510.0514	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	60.1581	58.7074	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1566.7191	1631.0561	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	29.9328	27.4440	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	16.6476	15.1885	0.0000	0.0000	0	0.00		
			<u>474,646</u>					<u>21,746.00</u>	<u>0.00</u>	<u>18 074 387.00</u>	<u>0.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
Total			688,170					381,996.00	4,338,223,875.00	27 197 338.00	110 611 630 223.90	
Option												
	May 2018	DAYJ	8.94 Call	100,000	844.1470	1342.7958	0.0000	0.0000	0	0.00		
	Jun 2018	DAYJ	8.34 Put	110,000	1155.1864	996.8712	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	1.2323	1.2291	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	8.6071	8.6873	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	2905.6632	2527.6160	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	12,469	9.3474	9.2931	9.3490	9.3490	250	2,337,250.00		
	Sep 2018	ZAAD	Future	750	9.4619	9.4060	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	11,312	9.5750	9.5177	0.0000	0.0000	0	0.00		
				<u>24,531</u>					<u>250.00</u>	<u>2,337,250.00</u>	3 583 312.00	31 006 221 213.90
	Total		24,531						250.00	2,337,250.00	3 615 689.00	31 006 221 213.90
Future												
	Jun 2018	ZACA	Future	1,340	9.5362	9.4682	0.0000	0.0000	0	0.00		
				<u>1,340</u>					<u>0.00</u>	<u>0.00</u>	130 943.00	1 286 505 477.10
	Total		1,340						0.00	0.00	130 943.00	1 286 505 477.10
Future												
	Jun 2018	ZAEU	Future	121,677	14.9934	14.8652	15.0000	14.9506	8,545	127,968,048.00		
	Sep 2018	ZAEU	Future	56,817	15.2784	15.1472	0.0000	0.0000	0	0.00		
	Dec 2018	ZAEU	Future	4,549	15.5613	15.4285	0.0000	0.0000	0	0.00		
	Mar 2019	ZAEU	Future	2,625	15.8746	15.7392	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.1219	15.9878	0.0000	0.0000	0	0.00		
				<u>190,924</u>					<u>8,545.00</u>	<u>127,968,048.00</u>	14 403 330.00	204 970 908 641.90
Option												

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Jun 2018	ZAEU	13.50 Put	29,734	9.9598	12.6766	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	50,995	18.2236	23.2133	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.97 Put	6,460	30.5394	38.8763	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.25 Put	29,734	57.4615	80.8376	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.30 Call	10,000	759.8997	657.6855	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.40 Call	10,000	681.0524	584.4528	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.00 Call	3,000	309.7351	257.3384	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	50,995	473.3434	563.8986	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.63 Call	29,734	123.3432	101.7290	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.00 Call	3,000	69.2733	56.7442	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.44 Put	6,460	1480.8899	1603.0897	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	6,460	2.9885	3.2245	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	50,995	0.5353	0.4147	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	13.50 Put	29,734	26.9076	31.5995	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,824	110.1473	137.7750	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	882.7741	979.4443	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	143.2079	126.3659	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	16.2987	15.0114	0.0000	0.0000	0	0.00
			<u>607,507</u>					<i>0.00</i>	<i>0.00</i>
			Total	798,431				8,545.00	127,968,048.00
								22 320 599.00	204 970 908 641.90
Future									
Jun 2018	ZAFR	Future	1,215	12.7357	12.6313	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	187,612	17.1870	16.9811	17.1876	17.0883	1,009	17,260,094.00
Sep 2018	ZAGB	Future	18,266	17.4561	17.2459	0.0000	0.0000	0	0.00
Dec 2018	ZAGB	Future	4,345	17.7180	17.5047	0.0000	0.0000	300	5,250,000.00
Mar 2019	ZAGB	Future	3,129	17.9993	17.7830	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	5,465	18.2608	18.0466	0.0000	0.0000	0	0.00
			<u>218,817</u>					<i>1,309.00</i>	<i>22,510,094.00</i>
								10 446 015.00	174 798 144 205.50
Option									
Jun 2018	ZAGB	17.50 Put	500	605.0421	753.3657	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	7.6571	6.3926	0.0000	0.0000	0	0.00
			<u>1,000</u>					<i>0.00</i>	<i>0.00</i>
			Total	219,817				1,309.00	22,510,094.00
								12 220 128.00	174 798 144 205.50
Future									
Jun 2018	ZAJY	Future	8,296	0.1141	0.1130	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	0.1193	0.1181	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1187	0.1174	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	2.9469	2.9306	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	390	12.1669	12.0940	0.0000	0.0000	0	0.00		
	Sep 2018 ZAUM	Future	50	12.3087	12.2339	0.0000	0.0000	0	0.00		
	Dec 2018 ZAUM	Future	28	12.4458	12.3696	0.0000	0.0000	0	0.00		
			468					0.00	0.00	149 231.00	171 785 853 190.00
		Total	468					0.00	0.00	153 754.00	171 785 853 190.00
Future											
	Jun 2018 ZAUS	Future	908,659	12.1669	12.0940	12.2396	12.1264	99,909	1,214,539,860.20		
	Sep 2018 ZAUS	Future	50,977	12.3087	12.2339	12.3300	12.2893	671	8,219,743.60		
	Dec 2018 ZAUS	Future	21,134	12.4458	12.3696	12.4974	12.4652	760	9,495,824.50		
	Mar 2019 ZAUS	Future	2,515	12.5896	12.5124	0.0000	0.0000	0	0.00		
	Jun 2019 ZAUS	Future	3,087	12.7226	12.6472	0.0000	0.0000	0	0.00		
			986,372					101,340.00	1,232,255,428.30	171 076 716.00	2 016 293 552 578.90
Option											
	Jun 2018 ZAUS	11.00 Put	60,750	8.1391	9.9410	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.20 Put	2,550	17.5498	21.6996	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.35 Call	10,000	846.5289	780.6802	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.45 Call	10,000	757.9108	694.6551	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.50 Put	66	47.9121	59.0668	0.0000	0.0000	10,000	0.00		
	Jun 2018 ZAUS	11.60 Put	8,000	65.6704	81.4060	0.0000	0.0000	4,000	0.00		
	Jun 2018 ZAUS	11.70 Call	60	556.2093	503.0801	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.75 Put	60,000	103.1172	125.0418	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.77 Put	76,000	109.0293	131.8349	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.80 Put	1,500	118.3209	142.4711	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.90 Put	9,500	153.0594	181.8120	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	12.00 Call	3,000	360.6365	321.1900	0.0000	0.0000	0	0.00		

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Jun 2018	ZAUS	12.00 Put	35,050	193.7365	227.1900	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	250.4630	290.1481	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.13 Call	500	292.4763	260.0372	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Call	8,000	287.6507	255.9831	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	260.7507	301.9831	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	265.9816	307.9852	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.24 Call	500	245.6122	218.4515	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	324.8518	370.9881	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	356.3550	404.4212	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	423.1786	474.8103	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	2,550	161.5557	143.4579	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	494.6557	549.4579	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	690.2982	751.1612	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	868.4307	932.9222	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	70.4418	62.5966	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	903.5418	968.5966	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	947.8834	1013.5914	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1056.1330	1123.2035	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1083.5564	1150.9261	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	1175.8757	1244.1359	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	39.4072	34.5035	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1324.6815	1393.6071	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1343.4234	1412.5013	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1362.2130	1431.4365	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1494.9244	1565.0401	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1600.4461	1671.1186	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1648.7132	1719.6027	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1658.3872	1729.3179	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1677.7542	1748.7645	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1687.4475	1758.4966	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1745.7314	1816.9975	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	10.2007	8.8764	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1843.3007	1914.8764	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1941.3252	2013.1540	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2089.0407	2161.1647	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	3.2171	2.9500	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	2.6369	2.7444	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	2.5410	2.6516	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	2.3263	2.4435	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	2.3098	2.4276	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	2.2693	2.3884	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	2.2338	2.3542	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.43 Call	15,000	2.1855	2.3079	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	2.1639	2.2872	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	2.1555	2.2793	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	2.1018	2.0710	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	1.0217	0.9982	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.6494	0.6386	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.6100	0.6005	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.5159	0.5091	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.4843	0.4784	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.3676	0.3646	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.2052	0.2055	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1722	0.1730	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.1082	0.1095	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0738	0.0752	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	108.8402	126.1842	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	113.5242	131.3634	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	139.0563	159.4453	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	184.9466	210.5229	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	221.3678	250.2412	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,250	283.5771	317.4353	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	434.6840	479.0385	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	1,600	366.4247	341.4137	0.0000	0.0000	1,500	0.00
Sep 2018	ZAUS	12.61 Put	5,300	631.0567	683.5373	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	658.6400	712.0450	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	282.8297	264.0405	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	803.2635	860.8726	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1120.4301	1183.7795	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	170.9338	160.0577	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	142.0258	0.0000	0.0000	0.0000	5,000	0.00
Sep 2018	ZAUS	13.65 Call	1,464	122.8883	114.8221	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	12.6839	8.9220	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	11.6852	8.0787	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	10.2263	7.0027	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	8.3541	5.6380	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	204.3341	226.8244	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	545.4095	515.5537	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	379.6701	359.4957	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,000	329.4768	312.5074	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	217.1361	205.3864	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	99.5813	95.6012	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	54.1961	53.2254	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	406.8220	0.0000	0.0000	0.0000	4,145	0.00

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Mar 2019	ZAUS	13.45 Call	4,145	413.6695	0.0000	0.0000	0.0000	8,290	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	66.7139	65.6630	0.0000	0.0000	0	0.00	
			<u>1,636,906</u>					<u>32,935.00</u>	<u>0.00</u>	<u>47 365 627.00</u>
		Total	2,623,278					134,275.00	1,232,255,428.30	218 442 343.00
										2 016 293 552 578.90

Grand Total	4,591,337							526,482.00	5 724 880 435.30	297,491,662	2,795,206,895,201.48
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