



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 26-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Apr 2018	DAEU	Future	16	15.0618	15.2131	0.0000	0.0000	0	0.00
May 2018	DAEU	Future	41	15.1234	15.2742	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	17.3386	17.4135	0.0000	0.0000	0	0.00
May 2018	DAGB	Future	11	17.3765	17.4474	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	0	12.3950	12.4950	0.0000	0.0000	100	1,239,500.00
Apr 2018	DAUS	Future	955	12.4327	12.4950	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	46,000	12.4417	12.4990	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.4479	12.5058	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	46,000	12.4635	12.5235	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	34,600	12.4650	12.5253	0.0000	0.0000	520	6,496,256.00
May 2018	DAUS	Future	181	12.4790	12.5412	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,746	12.4915	12.5542	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	9,546	12.5105	12.5737	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,790	12.5247	12.5884	0.0000	0.0000	800	9,981,270.00
Jul 2018	DAUS	Future	100	12.5295	12.5930	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.5574	12.6211	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.5636	12.6274	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.5652	12.6289	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.5683	12.6320	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,515	12.5745	12.6383	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.5947	12.6586	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	2,879	12.6226	12.6867	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 2018	DAUS	Future	1,295	12.6660	12.7304	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.7078	12.7725	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.7140	12.7787	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	1,643	12.7171	12.7819	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.7370	12.8018	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	1,212	12.7629	12.8278	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	1,225	12.8574	12.7961	0.0000	0.0000	1,225	15,675,222.50
Feb 2019	DAUS	Future	70	12.8769	12.9424	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	1,225	12.8992	12.8380	0.0000	0.0000	1,225	15,726,550.00
Mar 2019	DAUS	Future	4,414	12.9393	13.0056	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	1,225	12.9899	12.9280	0.0000	0.0000	1,225	15,836,800.00
Jul 2020	DAUS	Future	84,000	13.7206	13.7847	0.0000	0.0000	0	0.00
			<u>246,841</u>					<u>5,095.00</u>	<u>64,955,598.50</u>
									<u>9 627 930.00</u>
									<u>116 780 419 664.70</u>

Option

Apr 2018	DAUS	11.70 Put	400	0.1743	0.3815	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	0.2432	0.5916	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	0.2728	0.6847	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	0.4155	1.1417	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	563.2107	626.3208	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	523.4687	586.7648	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	493.7411	557.1868	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	2.7894	4.4485	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	337.6258	401.7752	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	328.1051	392.2632	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1367.3174	1305.0275	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.0321	0.0370	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.0828	0.1167	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	0.1799	0.0085	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	632.5282	691.9996	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	61.1901	95.4091	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	227.0543	280.1528	0.0000	0.0000	0	0.00
May 2018	DAUS	12.40 Call	35,311	124.7650	170.2966	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	453.7956	508.2831	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	363.5771	416.5343	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	333.4628	295.2153	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1415.7254	1358.5835	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.0000	0.1198	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	351.7160	312.3727	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2047.5490	1989.0704	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.1335	0.1318	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	0.1883	0.2177	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	3.5539	3.1119	0.0000	0.0000	0	0.00

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May 2018	DAUS	12.20 Call	1,000	308.8542	356.5763	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	20.7411	14.8436	0.0000	0.0000	0	0.00
May 2018	DAUS	11.95 Call	30,000	529.4742	586.8932	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	30,000	489.1346	545.2210	0.0000	0.0000	0	0.00
May 2018	DAUS	12.37 Call	30,000	237.8050	279.1387	0.0000	0.0000	0	0.00
May 2018	DAUS	12.45 Call	40,000	209.7507	246.7230	0.0000	0.0000	0	0.00
May 2018	DAUS	12.46 Call	30,000	204.9132	241.3930	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1327.7572	1268.1281	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.3826	0.4798	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.3855	0.4988	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	121.0193	142.7999	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1307.2656	1249.8306	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	2.2233	2.1452	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	2.0935	2.0000	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	102.4400	87.7733	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	55.1017	63.6654	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	44.7213	51.8919	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1908.7573	1849.3472	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	3.7146	3.9001	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1295.3336	1240.4731	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	4.8292	5.3052	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	2.7719	2.9538	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	225.9692	203.5474	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1348.0695	1293.2457	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	3.8220	3.9262	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1289.8341	1236.7460	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	6.8639	7.7035	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	3.0502	3.3319	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1285.7788	1233.7553	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	9.1368	9.2440	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	3.9732	3.6849	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1281.9655	1231.2360	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	22.9702	23.8632	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	12.4721	13.7325	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	151.6871	138.2955	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1331.8276	1280.7401	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	17.7358	19.5792	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	24.0527	21.4796	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	104.4721	94.8850	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	352.5833	376.1069	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1280.8001	1232.4359	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	31.6397	35.0102	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	17.31 Call	500	17.2479	19.2610	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1159.7860	1113.8154	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	66.8248	71.8077	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1278.4125	1231.7094	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	37.8156	41.4321	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	20.9696	23.1592	0.0000	0.0000	0	0.00		
			<u>747,437</u>					0.00	0.00	18 411 705.00	0.00
	Total		994,278					5,095.00	64,955,598.50	28 039 635.00	116 780 419 664.70
Option											
May 2018	DAYJ	8.94 Call	100,000	188.3344	148.8094	0.0000	0.0000	0	0.00		
Jun 2018	DAYJ	8.34 Put	110,000	815.7807	945.4584	0.0000	0.0000	0	0.00		
			<u>210,000</u>					0.00	0.00	200 000.00	0.00
	Total		210,000					0.00	0.00	200 000.00	0.00
Future											
Jun 2018	EUUS	Future	20	1.2155	1.2218	1.2173	1.2168	100	1,217,050.00		
			<u>20</u>					100.00	1,217,050.00	703 838.00	7 969 940 162.00
	Total		20					100.00	1,217,050.00	703 838.00	7 969 940 162.00
Future											
Sep 2018	JYZA	Future	283	8.5583	8.5100	0.0000	0.0000	0	0.00		
			<u>283</u>					0.00	0.00	18 783.00	186 145 988.86
Option											
Jun 2018	JYZA	8.89 Put	1,200	2736.5394	3065.9258	0.0000	0.0000	0	0.00		
			<u>1,200</u>					0.00	0.00	25 800.00	0.00
	Total		1,483					0.00	0.00	44 583.00	186 145 988.86
Future											
Jun 2018	ZAAD	Future	13,777	9.4534	9.5072	9.4503	9.4503	10	94,503.00		
Sep 2018	ZAAD	Future	850	9.5666	9.6217	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	11,312	9.6776	9.7339	0.0000	0.0000	0	0.00		
			<u>25,939</u>					10.00	94,503.00	3 613 537.00	31 291 860 617.50
	Total		25,939					10.00	94,503.00	3 645 914.00	31 291 860 617.50
Future											
Jun 2018	ZACA	Future	1,500	9.7293	9.7708	0.0000	0.0000	0	0.00		
			<u>1,500</u>					0.00	0.00	131 183.00	1 288 822 267.10
	Total		1,500					0.00	0.00	131 183.00	1 288 822 267.10

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Jun 2018	ZAEU	Future	116,197	15.2028	15.3587	15.4999	15.2305	8,476	129,063,925.70	
Sep 2018	ZAEU	Future	57,482	15.4872	15.6468	0.0000	0.0000	0	0.00	
Dec 2018	ZAEU	Future	7,625	15.7698	15.9327	0.0000	0.0000	0	0.00	
Mar 2019	ZAEU	Future	4,686	16.0846	16.2513	0.0000	0.0000	0	0.00	
Jun 2019	ZAEU	Future	5,256	16.3490	16.5170	0.0000	0.0000	0	0.00	
			<u>191,246</u>					<u>8,476.00</u>	<u>129,063,925.70</u>	<u>14 485 594.00</u> <u>206 224 982 943.80</u>
Option										
Jun 2018	ZAEU	13.50 Put	29,734	4.1151	3.1564	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	7.9082	6.2513	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	6,460	12.7966	10.2016	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.25 Put	29,734	23.8908	18.5400	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.30 Call	10,000	929.5394	1079.3554	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.40 Call	10,000	836.3243	984.3651	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.00 Call	3,000	387.2571	490.3133	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	308.1635	232.0444	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.63 Call	29,734	138.9260	186.3087	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.00 Call	3,000	72.2468	99.9182	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1267.1317	1124.5295	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	1.7544	1.9716	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	0.5659	0.9062	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	15.9995	14.4214	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,824	58.9927	41.8914	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	715.0924	614.0226	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	156.0260	183.7048	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	15.5489	17.2847	0.0000	0.0000	0	0.00	
			<u>607,507</u>					<u>0.00</u>	<u>0.00</u>	<u>7 917 269.00</u> <u>0.00</u>
		Total	798,753					8,476.00	129,063,925.70	22 402 863.00 206 224 982 943.80
Future										
Jun 2018	ZAFR	Future	1,215	12.7161	12.8270	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>609 303.00</u> <u>6 506 705 521.30</u>
		Total	1,215					0.00	0.00	609 303.00 6 506 705 521.30
Future										
Jun 2018	ZAGB	Future	446,812	17.4769	17.5553	17.4950	17.4345	834	14,565,137.50	
Sep 2018	ZAGB	Future	18,494	17.7501	17.8303	0.0000	0.0000	0	0.00	
Dec 2018	ZAGB	Future	6,227	18.0158	18.0976	18.0005	18.0005	110	1,980,055.00	
Mar 2019	ZAGB	Future	4,932	18.3034	18.3878	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.5718	18.6585	0.0000	0.0000	0	0.00	
			<u>481,930</u>					<u>944.00</u>	<u>16,545,192.50</u>	<u>10 742 553.00</u> <u>179 908 173 454.10</u>
Option										

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Jun 2018	ZAGB	17.50 Put	500	384.7152	351.4187	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	6.4738	7.6229	0.0000	0.0000	0	0.00
			1,000					0.00	0.00
		Total	482,930					944.00	16,545,192.50
									12 516 666.00
									179 908 173 454.10
Future									
Jun 2018	ZAJY	Future	8,296	0.1148	0.1154	0.0000	0.0000	0	0.00
			8,296					0.00	0.00
		Total	8,296					0.00	0.00
									978 643.00
									10 906 872 238.10
Future									
Jun 2018	ZAKS	Future	1,145	0.1236	0.1247	0.0000	0.0000	0	0.00
Sep 2018	ZAKS	Future	562	0.1228	0.1236	0.0000	0.0000	0	0.00
			1,707					0.00	0.00
		Total	1,707					0.00	0.00
									31 923.00
									432 652 210.00
Future									
Jun 2018	ZATR	Future	12,120	3.0198	3.0143	0.0000	0.0000	0	0.00
			12,120					0.00	0.00
		Total	12,120					0.00	0.00
									250 309.00
									896 989 419.50
Future									
Jun 2018	ZAUM	Future	395	12.5074	12.5705	0.0000	0.0000	0	0.00
Sep 2018	ZAUM	Future	52	12.6489	12.7132	0.0000	0.0000	0	0.00
Dec 2018	ZAUM	Future	10	12.7842	12.8493	0.0000	0.0000	0	0.00
			457					0.00	0.00
		Total	457					0.00	0.00
									149 519.00
									172 138 976 290.00
Future									
Jun 2018	ZAUS	Future	1,137,414	12.5074	12.5705	12.5200	12.4400	36,938	460,338,432.50
Sep 2018	ZAUS	Future	85,122	12.6489	12.7132	12.6338	12.6062	53,217	671,071,465.80
Dec 2018	ZAUS	Future	23,476	12.7842	12.8493	12.7420	12.7250	1,237	15,750,727.00
Mar 2019	ZAUS	Future	3,498	12.9259	12.9920	0.0000	0.0000	1,225	15,762,687.50
Jun 2019	ZAUS	Future	3,087	13.0590	13.1257	0.0000	0.0000	0	0.00
			1,252,597					92,617.00	1,162,923,312.80
		Total							172 216 211.00
									2 030 280 261 478.70
Option									
Jun 2018	ZAUS	11.00 Put	60,750	2.3058	1.8198	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.20 Put	2,550	4.3932	3.4293	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.35 Call	10,000	1164.7173	1226.1327	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.45 Call	10,000	1067.7057	1128.5425	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	40,216	12.1918	9.5772	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	11.60 Put	12,000	16.9518	13.4862	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.70 Call	30	830.7554	889.3055	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.75 Put	60,000	27.3166	22.1227	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.77 Put	76,000	29.0632	23.5915	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.80 Put	5,500	31.8714	25.9583	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.90 Put	9,500	43.0575	35.4554	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Call	3,000	569.4764	622.3337	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	29,050	62.0764	51.8337	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	76.0507	64.0111	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	92.1037	78.1231	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	97.9364	83.2780	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Call	500	458.3442	506.4425	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	1,000	100.9442	85.9425	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.23 Call	3,000	404.6743	449.9082	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Call	40,000	391.8963	436.3856	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	12,415	134.4963	115.8856	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	361.0889	403.6794	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	153.6889	133.1794	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	15,103	196.9987	172.5640	0.0000	0.0000	2,500	0.00
Jun 2018	ZAUS	12.45 Call	150	278.5164	315.1844	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	2,550	254.2578	288.9207	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	246.8578	218.4207	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	404.8412	365.8614	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	562.1108	516.8108	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	101.5083	118.2649	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	594.1083	547.7649	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	634.8945	587.3174	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	735.8896	685.7563	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	761.6599	711.0636	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	849.2041	796.7402	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	51.2276	61.0275	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	993.7118	938.7770	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1012.0982	956.8959	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1030.5489	975.0864	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1161.2836	1104.2155	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1265.6400	1207.5449	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1313.2378	1254.9605	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1322.7873	1264.4096	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1341.9149	1283.3411	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1351.4925	1292.8237	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1409.1407	1349.9368	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	13.2415	16.3721	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	14.00 Put	500	1505.8415	1445.8721	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1603.1914	1542.5948	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1750.1695	1688.8442	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	4.0427	4.9531	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	2.7064	3.2895	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	2.1682	2.6211	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	1.4081	1.5064	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.4040	1.4993	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.3951	1.4827	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	1.3890	1.4695	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.3846	1.4545	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.3847	1.4494	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	1.3852	1.4479	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.4017	1.4475	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	1.4557	1.4815	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	1.1278	1.2754	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	1.0597	1.1988	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.8968	1.0153	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.8421	0.9536	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.6396	0.7252	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.3572	0.4060	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.2997	0.3409	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.1880	0.2141	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.1281	0.1461	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	44.3225	39.0901	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	46.7767	41.2834	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	60.6241	53.7060	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	86.8261	77.3789	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	108.3148	96.9255	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	120.3579	107.9261	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	147.1696	132.5212	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	633.3337	676.3773	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	10,000	234.4337	213.1773	0.0000	0.0000	10,000	0.00
Sep 2018	ZAUS	12.30 Put	100	254.9588	232.4554	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	289.9299	0.0000	0.0000	0.0000	60,000	0.00
Sep 2018	ZAUS	12.50 Call	4,600	496.1559	532.9268	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	4,000	347.2559	319.7268	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	404.8173	374.5488	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	426.9065	395.6549	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.68 Put	250	444.5058	411.8870	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	378.1838	407.3248	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	367.0838	395.5442	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	12.85 Put	750	550.3703	513.4142	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.20 Call	4,000	246.1915	266.6011	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Call	1,250	234.2056	253.7527	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Put	73,314	835.3056	790.5527	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.30 Call	1,500	222.8193	241.5325	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.50 Call	3,000	182.3554	198.1486	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	157.1084	170.9334	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	10.3204	11.5457	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	9.2252	10.2930	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	7.8440	8.7155	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.29 Call	73,314	6.1249	6.7566	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	11.64 Put	2,764	112.0761	103.0921	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Call	150	689.6110	728.9588	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Put	50	405.4110	379.6588	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.00 Call	6,000	474.7182	503.8943	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.20 Call	7,100	409.3213	435.1205	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.80 Call	2,764	264.5394	282.0020	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.89 Call	1,000	118.9227	127.7780	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.00 Call	1,000	109.8003	118.0159	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.95 Call	2,000	59.1918	63.6043	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	10.33 Put	1,000	11.1118	10.3301	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	176.8870	166.1038	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.06 Put	4,145	269.8042	254.5334	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.76 Put	250	580.5637	552.4011	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.45 Call	4,145	492.8866	519.8559	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.48 Call	1,000	272.1725	288.4275	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.20 Call	1,000	178.1977	189.1889	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	79.9405	84.0466	0.0000	0.0000	0	0.00		
			<u>1,822,326</u>					<u>72,500.00</u>	<u>0.00</u>	<u>47 663 257.00</u>	<u>0.00</u>
	Total		3,074,923					165,117.00	1,162,923,312.80	219 879 468.00	2 030 280 261 478.70
	Grand Total		5,613,698					179,742.00	1 374 799 582.50	300,181,563	2,822,377,766,101.18