



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 09-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Apr 2018	DAEU	Future	0	14.8929	14.7816	0.0000	0.0000	214	3,152,220.00
Apr 2018	DAEU	Future	16	14.9483	14.8408	0.0000	0.0000	0	0.00
May 2018	DAEU	Future	41	15.0209	14.9122	0.0000	0.0000	0	0.00
			<u>57</u>					<u>214.00</u>	<u>3,152,220.00</u>
		Total	57					214.00	3,152,220.00
									790 883.00
									11 804 363 950.70
Future									
Apr 2018	DAGB	Future	9	17.1431	17.0397	0.0000	0.0000	0	0.00
May 2018	DAGB	Future	11	17.1895	17.0857	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	10,000	12.0923	12.0546	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	192	12.0990	12.0630	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,551	12.1007	12.0647	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	12.1125	12.0765	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,846	12.1159	12.0798	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	396	12.1227	12.0866	0.0000	0.0000	212	2,550,360.00
May 2018	DAUS	Future	100,000	12.1346	12.0984	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.1414	12.1051	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.1744	12.1380	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,790	12.2209	12.1840	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.2257	12.1886	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.2541	12.2166	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.2604	12.2228	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.2620	12.2244	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.2651	12.2275	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,303	12.2715	12.2338	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.2920	12.2541	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	1,666	12.3205	12.2822	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.3648	12.3259	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.4071	12.3680	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.4133	12.3742	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.4164	12.3773	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.4366	12.3976	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.5777	12.5395	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.6408	12.6033	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.4183	13.3797	0.0000	0.0000	0	0.00		
			<u>213,524</u>					<u>212.00</u>	<u>2,550,360.00</u>	<u>9 123 163.00</u>	<u>110 614 180 583.90</u>

Option

Apr 2018	DAUS	11.65 Call	20,000	442.3729	405.1465	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.03 Put	20,000	75.5653	94.8553	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2885.8884	2921.9886	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.2837	0.1818	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	20.4063	25.3183	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	28.8368	35.6103	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	32.1863	39.6604	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	46.3257	56.5494	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	303.8152	278.8016	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	274.4820	251.2787	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	253.4799	231.6969	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	107.3975	0.0000	0.0000	0.0000	240	0.00
Apr 2018	DAUS	12.10 Call	400	157.2022	143.3417	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	152.4677	0.0000	0.0000	0.0000	240	0.00
Apr 2018	DAUS	13.80 Put	1,000	1677.7987	1713.9516	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.1171	0.0940	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.1296	0.0816	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	5.4378	6.6957	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	362.2962	336.2534	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	46.4381	43.3735	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	115.5785	0.0000	0.0000	0.0000	20,000	0.00
May 2018	DAUS	12.00 Call	100,000	242.6752	221.8078	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	635.5176	669.1003	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1723.1397	1759.3691	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.1921	0.3819	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	645.7272	678.6023	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2354.0300	2390.3905	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.5172	0.7112	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	2.1492	2.6737	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	40.2321	46.6246	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	173.7121	158.8903	0.0000	0.0000	0	0.00

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May 2018	DAUS	12.00 Put	51,000	133.7576	147.4951	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1633.4641	1669.2550	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	1.1946	1.1511	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	1.0373	1.0058	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	86.8354	79.5334	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1606.5255	1640.9713	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	2.5325	2.2607	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.2772	1.1395	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	236.5845	249.8180	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	46.4897	42.3686	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	38.0679	34.7207	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2212.2183	2248.2632	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.7730	1.9341	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1587.2883	1621.2002	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	3.7325	3.0445	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	1.5489	1.2094	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	399.8787	418.3447	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1639.1657	1673.1105	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	2.3822	1.7855	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1572.1394	1605.5359	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	4.2694	3.4035	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	1.7544	1.3531	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1560.1570	1593.1712	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	12.6382	12.4265	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	6.2338	6.1531	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1550.7258	1582.4174	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	20.1953	19.5591	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	11.0630	10.7180	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	264.5915	273.1081	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1600.8421	1632.7039	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	15.3200	14.8283	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	45.1041	45.0401	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	192.6591	197.8931	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	292.9082	280.1936	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1544.5873	1574.5155	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	26.1491	25.0354	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	14.3739	13.7330	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	1417.2486	1446.1149	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	61.6013	60.1581	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1538.3845	1566.7191	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	31.0590	29.9328	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	17.2974	16.6476	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			495,126					20,480.00	0.00	18 094 867.00	0.00
		Total	708,650					20,692.00	2,550,360.00	27 218 030.00	110 614 180 583.90
Option											
	May 2018	DAYJ	8.94 Call	100,000	727.2746	844.1470	0.0000	0.0000	0	0.00	
	Jun 2018	DAYJ	8.34 Put	110,000	1217.1242	1155.1864	0.0000	0.0000	0	0.00	
				210,000				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	190	1.2375	1.2323	0.0000	0.0000	0	0.00	
				190				0.00	0.00	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	8.5771	8.6071	0.0000	0.0000	0	0.00	
				283				0.00	0.00	18 783.00	186 145 988.86
Option											
	Jun 2018	JYZA	8.89 Put	1,200	3040.6008	2905.6632	0.0000	0.0000	0	0.00	
				1,200				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	12,469	9.3900	9.3474	0.0000	0.0000	0	0.00	
	Sep 2018	ZAAD	Future	750	9.5063	9.4619	0.0000	0.0000	0	0.00	
	Dec 2018	ZAAD	Future	11,312	9.6192	9.5750	0.0000	0.0000	0	0.00	
				24,531				0.00	0.00	3 583 312.00	31 006 221 213.90
		Total	24,531					0.00	0.00	3 615 689.00	31 006 221 213.90
Future											
	Jun 2018	ZACA	Future	1,340	9.5988	9.5362	0.0000	0.0000	0	0.00	
				1,340				0.00	0.00	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	15.1025	14.9934	15.1500	15.1310	789	11,922,682.70	
	Sep 2018	ZAEU	Future	57,137	15.3906	15.2784	15.2495	15.2495	320	4,927,040.00	
	Dec 2018	ZAEU	Future	4,549	15.6744	15.5613	0.0000	0.0000	0	0.00	
	Mar 2019	ZAEU	Future	2,625	15.9874	15.8746	0.0000	0.0000	0	0.00	
	Jun 2019	ZAEU	Future	5,256	16.2361	16.1219	0.0000	0.0000	0	0.00	
				191,244					1,109.00	16,849,722.70	14 404 439.00
											204 987 758 364.60

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Option										
Jun 2018	ZAEU	13.50 Put	29,734	7.7088	9.9598	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	13.6232	18.2236	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	6,460	23.5069	30.5394	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.25 Put	29,734	45.6288	57.4615	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.30 Call	10,000	853.6603	759.8997	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.40 Call	10,000	768.7585	681.0524	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.00 Call	3,000	365.5232	309.7351	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	403.6007	473.3434	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.63 Call	29,734	147.3218	123.3432	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.00 Call	3,000	84.0227	69.2733	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1379.4819	1480.8899	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	3.1471	2.9885	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	0.7307	0.5353	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	26.4779	26.9076	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,824	94.7575	110.1473	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	808.3958	882.7741	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	161.1849	143.2079	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	17.9280	16.2987	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>
	Total		798,751					1,109.00	16,849,722.70	22 321 708.00
										204 987 758 364.60
Future										
Jun 2018	ZAFR	Future	1,215	12.8175	12.7357	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>609 303.00</u>
	Total		1,215					0.00	0.00	6 506 705 521.30
Future										
Jun 2018	ZAGB	Future	187,577	17.2911	17.1870	17.3600	17.1650	352	6,085,260.50	
Sep 2018	ZAGB	Future	18,494	17.5637	17.4561	0.0000	0.0000	228	4,007,784.00	
Dec 2018	ZAGB	Future	4,345	17.8275	17.7180	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	3,129	18.1098	17.9993	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.3707	18.2608	0.0000	0.0000	0	0.00	
			<u>219,010</u>					<u>580.00</u>	<u>10,093,044.50</u>	<u>10 446 595.00</u>
										<u>174 808 237 250.00</u>
Option										
Jun 2018	ZAGB	17.50 Put	500	543.8902	605.0421	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	9.4495	7.6571	0.0000	0.0000	0	0.00	
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1 774 113.00</u>
	Total		220,010					580.00	10,093,044.50	12 220 708.00
										174 808 237 250.00
Future										
Jun 2018	ZAJY	Future	8,296	0.1145	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	0.1197	0.1193	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1194	0.1187	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	2.9419	2.9469	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	12.2036	12.1669	0.0000	0.0000	0	0.00		
	Sep 2018 ZAUM	Future	50	12.3474	12.3087	0.0000	0.0000	0	0.00		
	Dec 2018 ZAUM	Future	28	12.4847	12.4458	0.0000	0.0000	0	0.00		
			473					0.00	0.00	149 231.00	171 785 853 190.00
		Total	473					0.00	0.00	153 754.00	171 785 853 190.00
Future											
	Jun 2018 ZAUS	Future	904,939	12.2036	12.1669	12.2746	12.1233	35,044	427,670,222.00		
	Sep 2018 ZAUS	Future	51,301	12.3474	12.3087	12.4110	12.3005	442	5,461,396.30		
	Dec 2018 ZAUS	Future	21,134	12.4847	12.4458	12.4555	12.4555	300	3,736,650.00		
	Mar 2019 ZAUS	Future	2,515	12.6272	12.5896	0.0000	0.0000	0	0.00		
	Jun 2019 ZAUS	Future	3,087	12.7599	12.7226	0.0000	0.0000	0	0.00		
			982,976					35,786.00	436,868,268.30	171 112 502.00	2 016 730 420 847.20
Option											
	Jun 2018 ZAUS	11.00 Put	60,750	6.3530	8.1391	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.20 Put	2,550	14.8935	17.5498	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.35 Call	10,000	879.9204	846.5289	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.45 Call	10,000	790.9055	757.9108	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.50 Put	20,066	44.0240	47.9121	0.0000	0.0000	10,000	0.00		
	Jun 2018 ZAUS	11.60 Put	8,000	60.2859	65.6704	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.70 Call	60	586.0463	556.2093	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.75 Put	60,000	95.4478	103.1172	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.77 Put	76,000	101.0254	109.0293	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.80 Put	1,500	109.8036	118.3209	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.90 Put	9,500	142.7363	153.0594	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	12.00 Call	3,000	385.0925	360.6365	0.0000	0.0000	0	0.00		

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Jun 2018	ZAUS	12.00 Put	35,050	181.4925	193.7365	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	235.8245	250.4630	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.13 Call	500	314.3360	292.4763	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Call	8,000	309.3083	287.6507	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	245.7083	260.7507	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	250.7370	265.9816	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.24 Call	500	263.4928	245.6122	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	305.8187	324.8518	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	336.2698	356.3550	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	401.0947	423.1786	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	2,550	174.3290	161.5557	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	470.7290	494.6557	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	662.5076	690.2982	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	838.3024	868.4307	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	76.6070	70.4418	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	873.0070	903.5418	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	916.8692	947.8834	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1024.1042	1056.1330	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1051.3015	1083.5564	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	1142.9375	1175.8757	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	42.8644	39.4072	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1291.4498	1324.6815	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1310.0715	1343.4234	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1328.7445	1362.2130	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1460.7362	1494.9244	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1565.7953	1600.4461	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1613.8783	1648.7132	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1623.5173	1658.3872	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1642.8164	1677.7542	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1652.4763	1687.4475	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1710.5729	1745.7314	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	11.4706	10.2007	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1807.8706	1843.3007	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1905.6679	1941.3252	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2053.1125	2089.0407	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	3.6515	3.2171	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	2.7386	2.6369	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	2.6347	2.5410	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	2.4016	2.3263	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	2.3837	2.3098	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	2.3395	2.2693	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	2.3007	2.2338	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.43 Call	15,000	2.2476	2.1855	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	2.2237	2.1639	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	2.2143	2.1555	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	2.1537	2.1018	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	1.1607	1.0217	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.7418	0.6494	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.6973	0.6100	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.5909	0.5159	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.5551	0.4843	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.4227	0.3676	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.2376	0.2052	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1998	0.1722	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.1262	0.1082	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0865	0.0738	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	105.6888	108.8402	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	110.1323	113.5242	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	134.3476	139.0563	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	177.2307	184.9466	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	212.2715	221.3678	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	272.2701	283.5771	0.0000	0.0000	50	0.00
Sep 2018	ZAUS	12.30 Put	100	418.7111	434.6840	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	1,600	385.1207	366.4247	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	609.4427	631.0567	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	636.4600	658.6400	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	297.7225	282.8297	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	289.3133	0.0000	0.0000	0.0000	50	0.00
Sep 2018	ZAUS	12.85 Put	750	778.4286	803.2635	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1091.1047	1120.4301	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	179.8280	170.9338	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	149.1902	142.0258	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	129.4676	122.8883	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	11.6510	12.6839	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	10.7792	11.6852	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	9.4208	10.2263	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	7.6500	8.3541	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	199.6974	204.3341	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	567.8320	545.4095	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	396.4193	379.6701	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,000	343.7913	329.4768	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	226.9322	217.1361	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	103.6232	99.5813	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	55.2870	54.1961	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	10.33 Put	1,000	23.5302	0.0000	0.0000	0.0000	1,000	0.00	
Mar 2019	ZAUS	11.74 Put	1,000	277.2042	0.0000	0.0000	0.0000	1,000	0.00	
Mar 2019	ZAUS	12.06 Put	4,145	398.2022	406.8220	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.45 Call	4,145	429.1284	413.6695	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.48 Call	1,000	238.3604	0.0000	0.0000	0.0000	2,000	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	70.9732	66.7139	0.0000	0.0000	0	0.00	
			<u>1,660,006</u>					<u>14,100.00</u>	<u>0.00</u>	<u>47 379 727.00</u>
		Total	2,642,982					49,886.00		218 492 229.00
										2 016 730 420 847.20

Grand Total			4,631,825					72,481.00	469 513 615.50	297,564,143	2,795,676,408,816.98
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