



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 01-June-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										
Jul 2018	DAEU	Future	34	14.8792	14.8907	0.0000	0.0000	0	0.00	
			34					0.00	0.00	790 974.00 11 805 710 627.30
		Total	34					0.00	0.00	1 737 761.00 11 805 710 627.30
Future										
Jun 2018	DAUS	Future	1,746	12.6544	12.6497	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	Future	20	12.3509	12.3509	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	Future	5,947	12.6746	12.6698	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	Future	3,981	12.6897	12.6848	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	Future	100	12.6947	12.6898	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	Future	1,800	12.7246	12.7198	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	Future	500	12.7313	12.7264	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	Future	70	12.7329	12.7281	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	Future	1,345	12.7363	12.7314	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	Future	2,515	12.7429	12.7381	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	Future	70	12.7645	12.7598	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	Future	3,479	12.7945	12.7900	0.0000	0.0000	0	0.00	
Sep 2018	DAUS	Future	177	12.4777	12.4777	0.0000	0.0000	0	0.00	
Sep 2018	DAUS	Future	2,695	12.8404	12.8358	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	Future	70	12.8845	12.8798	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	Future	225	12.8911	12.8863	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	Future	3,113	12.8943	12.8896	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	Future	70	12.9156	12.9108	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	Future	2,812	12.9433	12.9385	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	Future	1,580	12.9934	12.9891	0.0000	0.0000	0	0.00	
Jan 2019	DAUS	Future	1,225	13.0434	13.0397	0.0000	0.0000	0	0.00	
Feb 2019	DAUS	Future	70	13.0644	13.0610	0.0000	0.0000	0	0.00	
Feb 2019	DAUS	Future	1,225	13.0886	13.0855	0.0000	0.0000	0	0.00	
Mar 2019	DAUS	Future	4,414	13.1322	13.1298	0.0000	0.0000	0	0.00	
Apr 2019	DAUS	Future	1,225	13.1872	13.1856	0.0000	0.0000	0	0.00	

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Jul 2020	DAUS	Future	84,000	13.8959	13.8939	0.0000	0.0000	0	0.00	
			<u>124,474</u>					<u>0.00</u>	<u>0.00</u>	<u>10 138 581.00</u> <u>123 175 083 889.90</u>
Option										
Jun 2018	DAUS	12.80 Call	1,746	53.0590	58.7491	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.22 Put	500	39.3911	42.4538	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.44 Put	109	96.8699	101.4350	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.45 Put	635	100.3480	104.9712	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.47 Put	158	107.5440	112.2814	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.52 Call	109	296.6355	296.7358	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.55 Call	500	279.2385	279.4806	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.56 Call	635	273.6006	273.8882	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.62 Call	158	241.4648	241.9912	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	12.85 Call	500	146.8461	148.0152	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	13.80 Put	1,000	1125.2384	1131.1024	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	15.62 Call	500	0.4534	0.5090	0.0000	0.0000	0	0.00	
Jun 2018	DAUS	16.10 Call	500	0.4543	0.5546	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	11.80 Put	2,000	8.6177	10.1346	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	12.50 Put	2,000	124.8221	129.7030	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	13.12 Call	2,000	87.7648	88.8842	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	12.07 Put	2,000	27.1388	29.5803	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	13.60 Call	1,000	37.8681	38.5574	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	13.73 Call	1,000	28.7525	29.3957	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	14.45 Put	1,500	1734.4296	1739.3720	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	15.94 Call	1,500	2.0604	2.0437	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	13.80 Put	1,000	1122.0178	1126.4493	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	15.82 Call	500	2.9363	2.9888	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	16.32 Call	500	2.5829	2.2983	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	12.32 Put	1,880	131.9323	134.9172	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	13.86 Put	1,880	1176.6098	1180.7736	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	16.18 Call	1,880	3.0298	2.8782	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	13.80 Put	1,000	1126.0609	1129.0240	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	16.05 Call	500	7.3065	7.2436	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	16.57 Call	500	3.3873	3.3558	0.0000	0.0000	0	0.00	
Sep 2018	DAUS	13.80 Put	1,000	1130.9016	1134.2368	0.0000	0.0000	0	0.00	
Sep 2018	DAUS	16.25 Call	500	10.2170	10.0504	0.0000	0.0000	0	0.00	
Sep 2018	DAUS	16.80 Call	500	4.1278	4.0229	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	13.80 Put	1,000	1136.7368	1140.3372	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	16.47 Call	500	26.3961	27.7273	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	17.02 Call	500	15.9092	17.1057	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	11.90 Put	1,880	107.0880	109.8542	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	13.86 Put	1,880	1185.7447	1189.5091	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	16.81 Call	1,880	22.7635	24.1257	0.0000	0.0000	0	0.00	

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Nov 2018	DAUS	10.83 Put	51,000	17.9319	19.0745	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	11.67 Put	51,000	71.7216	73.7385	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	13.22 Call	51,000	411.4106	410.1408	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	13.80 Put	1,000	1141.5691	1145.4092	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	16.70 Call	500	38.6452	39.8573	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	17.31 Call	500	22.8898	23.8371	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.65 Put	20,000	1028.4071	1031.7631	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	15.69 Call	20,000	80.0450	80.2669	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.80 Put	1,000	1147.1600	1149.5130	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	16.93 Call	500	52.9163	53.6006	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	17.58 Call	500	30.4666	30.9502	0.0000	0.0000	0	0.00	
Apr 2019	DAUS	13.00 Put	2,500	650.9450	648.4358	0.0000	0.0000	0	0.00	
Apr 2019	DAUS	13.49 Call	2,500	649.4828	644.7830	0.0000	0.0000	0	0.00	
			<u>241,330</u>					0.00	0.00	18 724 403.00
			Total	365,804				0.00	0.00	28 862 984.00
										123 175 083 889.90
Future										
Jun 2018	EUUS	Future	280	1.1672	1.1686	0.0000	0.0000	0	0.00	
			<u>280</u>					0.00	0.00	709 146.00
			Total	280				0.00	0.00	8 033 145 032.00
										709 146.00
Future										
Sep 2018	JYZA	Future	283	8.4810	8.4033	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	8.79 Call	50,000	512.6365	375.9678	0.0000	0.0000	0	0.00	
Jun 2018	JYZA	8.89 Put	1,200	2804.6377	3509.0425	0.0000	0.0000	0	0.00	
Sep 2018	JYZA	8.17 Put	50,000	1783.6982	2082.4655	0.0000	0.0000	0	0.00	
			<u>101,200</u>					0.00	0.00	175 800.00
			Total	101,483				0.00	0.00	194 583.00
										186 145 988.86
Future										
Jun 2018	ZAAD	Future	15,640	9.5794	9.5925	9.5910	9.5810	252	2,414,432.00	
Sep 2018	ZAAD	Future	800	9.6999	9.7130	0.0000	0.0000	0	0.00	
Dec 2018	ZAAD	Future	11,412	9.8178	9.8306	0.0000	0.0000	0	0.00	
			<u>27,852</u>					252.00	2,414,432.00	3 629 598.00
			Total	27,852				252.00	2,414,432.00	31 444 589 866.20
										3 661 975.00
Future										
Jun 2018	ZACA	Future	2,080	9.7855	9.7691	0.0000	0.0000	0	0.00	
			<u>2,080</u>					0.00	0.00	132 343.00
										1 300 163 420.10

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Total			2,080					0.00	0.00	132 343.00	1 300 163 420.10
Future											
Jun 2018	ZAEU	Future	112,517	14.7902	14.8015	14.8700	14.7900	1,086	16,111,547.70		
Sep 2018	ZAEU	Future	60,971	15.0748	15.0863	0.0000	0.0000	63	951,646.50		
Dec 2018	ZAEU	Future	8,375	15.3562	15.3664	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	Future	4,808	15.6677	15.6783	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	15.9535	15.9626	0.0000	0.0000	0	0.00		
			191,927					1,149.00	17,063,194.20	14 609 085.00	208 068 759 553.50
Option											
Jun 2018	ZAEU	13.50 Put	29,734	1.0536	1.3206	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,948	2.5646	3.0949	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	6,460	5.7771	6.7211	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.25 Put	29,734	22.3836	24.0102	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.30 Call	10,000	518.5582	531.5286	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.40 Call	10,000	434.3596	447.2498	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.00 Call	3,000	97.9822	105.8954	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,948	506.0471	500.4477	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.63 Call	29,734	14.0759	16.7678	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.00 Call	3,000	5.0358	5.8812	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	6,460	1651.4630	1640.4073	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	6,460	0.1513	0.1405	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	50,948	0.0061	0.0039	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	13.50 Put	29,734	15.3717	19.8531	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	86,688	115.4925	120.0127	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	988.9972	986.6659	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	86.5667	92.2241	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	8.4144	8.8081	0.0000	0.0000	0	0.00		
			607,230					0.00	0.00	7 919 774.00	0.00
Total			799,157					1,149.00	17,063,194.20	22 528 859.00	208 068 759 553.50
Future											
Jun 2018	ZAFR	Future	1,215	12.8366	12.8954	0.0000	0.0000	0	0.00		
			1,215					0.00	0.00	609 303.00	6 506 705 521.30
Total			1,215					0.00	0.00	609 303.00	6 506 705 521.30
Future											
Jun 2018	ZAGB	Future	436,756	16.9045	16.8743	16.9396	16.8134	2,238	37,840,589.40		
Sep 2018	ZAGB	Future	18,594	17.1827	17.1523	17.1257	17.1257	1	17,125.70		
Dec 2018	ZAGB	Future	7,574	17.4504	17.4202	17.4784	17.4784	57	996,268.80		
Mar 2019	ZAGB	Future	4,932	17.7426	17.7125	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	Future	5,465	18.0134	17.9846	0.0000	0.0000	0	0.00		

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			473,321					2,296.00	38,853,983.90	10 817 029.00	181 183 116 349.20	
Option												
	Jun 2018	ZAGB	17.50 Put	500	635.9739	671.2602	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	20.40 Call	500	0.2307	0.3937	0.0000	0.0000	0	0.00		
			1,000					0.00	0.00	1 774 113.00	0.00	
	Total		474,321					2,296.00	38,853,983.90	12 591 142.00	181 183 116 349.20	
Future												
	Jun 2018	ZAJY	Future	8,296	0.1158	0.1168	0.0000	0.0000	0	0.00		
			8,296					0.00	0.00	985 278.00	10 983 324 643.00	
	Total		8,296					0.00	0.00	985 278.00	10 983 324 643.00	
Future												
	Jun 2018	ZAKS	Future	1,145	0.1246	0.1245	0.0000	0.0000	0	0.00		
	Sep 2018	ZAKS	Future	562	0.1237	0.1240	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	3,940	2.7376	2.7714	0.0000	0.0000	0	0.00		
	Sep 2018	ZATR	Future	2,500	2.6716	2.7073	0.0000	0.0000	0	0.00		
			6,440					0.00	0.00	261 429.00	930 020 035.50	
	Total		6,440					0.00	0.00	261 429.00	930 020 035.50	
Future												
	Jun 2018	ZAUM	Future	429	12.6712	12.6664	0.0000	0.0000	10	12,745,000.00		
	Sep 2018	ZAUM	Future	47	12.8225	12.8179	0.0000	0.0000	0	0.00		
	Dec 2018	ZAUM	Future	10	12.9660	12.9613	0.0000	0.0000	0	0.00		
			486					10.00	12,745,000.00	150 820.00	173 776 966 800.00	
	Total		486					10.00	12,745,000.00	155 343.00	173 776 966 800.00	
Future												
	Jun 2018	ZAUS	Future	1,181,320	12.6712	12.6664	12.7500	12.6222	27,348	347,261,681.50		
	Sep 2018	ZAUS	Future	90,415	12.8225	12.8179	12.9200	12.8021	194	2,502,095.40		
	Dec 2018	ZAUS	Future	25,881	12.9660	12.9613	13.0000	13.0000	35	455,000.00		
	Mar 2019	ZAUS	Future	4,948	13.1177	13.1150	0.0000	0.0000	0	0.00		
	Jun 2019	ZAUS	Future	3,087	13.2585	13.2575	0.0000	0.0000	0	0.00		
			1,305,651					27,577.00	350,218,776.90	173 832 564.00	2 050 628 490 469.50	
Option												
	Jun 2018	ZAUS	11.00 Put	60,750	0.1692	0.2599	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.20 Put	2,550	0.3309	0.5103	0.0000	0.0000	0	0.00		

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Jun 2018	ZAUS	11.35 Call	10,000	1321.7579	1317.2586	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.45 Call	10,000	1221.9878	1217.5998	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	40,216	0.9334	1.4086	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.60 Put	12,000	1.3205	1.9548	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.75 Put	60,000	2.2690	3.2549	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.77 Put	76,000	2.4436	3.4898	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.80 Put	5,500	2.7334	3.8774	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.90 Put	9,500	4.0027	5.5446	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Call	3,000	677.1359	674.4147	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	38,700	5.9359	8.0147	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	8.9055	11.5227	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	13.0301	16.2369	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	14.7131	18.1244	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Call	500	536.8190	535.5337	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	1,000	15.6190	19.1337	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.20 Call	40,000	492.0548	491.2907	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.23 Call	3,000	465.8178	465.3660	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Call	40,000	448.6122	448.3662	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	12,415	27.4122	31.9662	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	406.6936	406.9441	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	35.4936	40.5441	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	15,103	57.0143	62.9277	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	292.0174	293.4674	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	258.0546	259.7650	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	86.8546	93.3650	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	226.4472	228.3343	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Put	80,000	105.2472	111.9343	0.0000	0.0000	80,000	0.00
Jun 2018	ZAUS	12.75 Call	4,000	128.6871	131.2626	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	207.4871	214.8626	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	357.1572	364.8754	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	60.3077	63.1881	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	389.1077	396.7881	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	430.2826	437.8834	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	533.8151	541.1261	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	560.5688	567.7925	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	651.7293	658.6480	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	19.3444	21.1771	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	802.0727	808.1738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	821.1907	827.2096	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	840.3665	846.3071	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	975.9399	981.4391	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1083.6908	1088.9520	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	13.80 Put	500	1132.9205	1138.0990	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1142.7820	1147.9454	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1162.5190	1167.6539	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1172.3942	1177.5156	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1231.7304	1236.7802	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	2.1773	2.4138	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1330.9773	1336.0138	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1430.4306	1435.4485	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1579.8732	1584.8600	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.5172	0.6507	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.3351	0.4414	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.2664	0.3601	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.1406	0.2052	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.1324	0.1948	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.1173	0.1719	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.1161	0.1580	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.1149	0.1390	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.1146	0.1304	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.1145	0.1270	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.1154	0.1032	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.1203	0.0817	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.1250	0.0732	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.1258	0.0722	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.1127	0.0625	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.1031	0.0568	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.0699	0.0374	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.0306	0.0154	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.0238	0.0118	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0123	0.0058	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0071	0.0032	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	21.3166	22.8908	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	22.0521	23.6569	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	30.4692	32.4133	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	47.5186	50.0052	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	62.3391	65.1972	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	70.9091	73.9537	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	90.5629	93.9701	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	729.5104	728.8794	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	157.0104	160.9794	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	173.6812	177.6507	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	202.5794	206.5138	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.40 Put	250	210.2355	214.1514	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	12.50 Call	4,600	573.5962	572.7978	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	251.0962	254.8978	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	286.8711	290.5400	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	300.9893	304.5993	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	320.3990	323.9293	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	435.0915	433.7427	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	421.5466	420.1234	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	428.1644	431.3256	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	343.6580	342.1584	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	279.6806	278.0679	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	265.6202	263.9807	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	693.1202	696.0807	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	252.2737	250.6052	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	205.2344	203.5535	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	175.6727	174.1805	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	12.2848	12.1426	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	11.0353	10.9002	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	9.4536	9.3284	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	7.4715	7.3605	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	81.3000	82.8820	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	232,078	100.3908	102.1986	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	279.1277	282.3509	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	232,078	795.2331	793.7786	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	10,100	329.2331	332.4786	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	388.8132	392.0539	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	553.5851	551.9887	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	478.7955	477.2033	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	461.7235	460.1296	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	232,078	385.2233	383.5962	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	310.9728	309.6214	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	279.9085	278.7596	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	1,500	270.3365	269.2490	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	1,000	132.1179	131.8448	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	71.7076	72.1419	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	9.2545	9.9911	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	141.4087	142.0058	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	223.5427	223.8294	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.76 Put	250	504.6364	504.0907	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	582.2373	578.2182	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	332.0260	328.3926	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Call	1,000	223.5836	221.1118	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	15.5205	16.7549	0.0000	0.0000	0	0.00

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Jun 2019	ZAUS	12.28 Put	1,000	338.1706	337.3173	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	445.1697	440.7161	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	120.9633	119.4039	0.0000	0.0000	0	0.00
			<u>3,001,108</u>					<u>80,000.00</u>	<u>0.00</u>
		Total	4,306,759					107,577.00	350,218,776.90
									<u>222 916 916.00</u>
									<u>2 050 628 490 469.50</u>

Grand Total			6,095,914					111,284.00	421 295 387.00	304,447,226	2,854,216,001,943.48
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