



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 24-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Apr 2018	DAEU	Future	16	15.1280	15.0245	0.0000	0.0000	0	0.00		
May 2018	DAEU	Future	41	15.1988	15.0996	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	17.2943	17.1362	0.0000	0.0000	0	0.00		
May 2018	DAGB	Future	11	17.3349	17.1830	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	0	12.3528	12.2751	0.0000	0.0000	70	858,900.00		
Apr 2018	DAUS	Future	1,846	12.3732	12.2751	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	955	12.3789	12.2806	0.0000	0.0000	600	7,412,340.00		
May 2018	DAUS	Future	46,000	12.3844	12.2916	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.3925	12.2991	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	20,600	12.4128	12.3177	0.0000	0.0000	11,000	135,707,000.00		
May 2018	DAUS	Future	30,000	12.4148	12.3196	0.0000	0.0000	30,000	371,472,000.00		
May 2018	DAUS	Future	181	12.4323	12.3348	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	9,546	12.4649	12.4412	0.0000	0.0000	9,546	118,763,695.20		
Jun 2018	DAUS	Future	1,790	12.4793	12.3812	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.4839	12.3858	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.5117	12.4136	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.5179	12.4197	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.5195	12.4213	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	12.5226	12.4244	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,303	12.5288	12.4307	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.5491	12.4509	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,666	12.5773	12.4790	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	12.6210	12.5228	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.6632	12.5649	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.6694	12.5709	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.6725	12.5740	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.6925	12.5936	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.8330	12.7319	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.8950	12.7937	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.6675	13.5643	0.0000	0.0000	0	0.00		
			<u>208,416</u>					<u>51,216.00</u>	<u>634,213,935.20</u>	<u>9 554 013.00</u>	<u>115 856 193 664.40</u>

Option

Apr 2018	DAUS	15.00 Put	1,000	2626.8000	2724.9001	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.0000	0.0000	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	0.3238	1.7939	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	0.4825	2.7975	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	0.5795	3.2402	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	1.0948	5.3881	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	510.2109	416.8191	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	470.7750	378.8617	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	441.3461	350.7941	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	5.8176	20.1176	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	288.5049	210.2954	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	279.3251	202.2369	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1421.1177	1519.4305	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.0589	0.0665	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.1648	0.1935	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	0.2547	0.6688	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	582.6653	488.7165	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	47.5357	32.4909	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	186.5284	129.8300	0.0000	0.0000	0	0.00
May 2018	DAUS	12.40 Call	35,311	94.4172	66.1568	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	400.5945	321.4433	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	313.0650	241.9175	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	377.8517	464.2117	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1471.8570	1564.9144	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.1420	0.1894	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	391.5401	475.5327	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2101.5139	2195.4353	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.1259	0.1350	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	0.1652	0.1382	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	3.9144	5.9962	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	265.4309	206.2177	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	25.3574	43.3816	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	11.95 Call	30,000	481.8952	403.6171	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	30,000	442.6580	368.4607	0.0000	0.0000	0	0.00
May 2018	DAUS	12.37 Call	30,000	203.0507	0.0000	0.0000	0.0000	30,000	0.00
May 2018	DAUS	13.80 Put	1,000	1373.1360	1469.7013	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.4043	0.5335	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.4885	0.6548	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	102.2373	84.1218	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1346.8371	1441.1540	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	1.8514	1.8015	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.8005	1.7665	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	104.6971	136.2470	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	46.5280	40.5048	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	37.6691	31.9808	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1950.5720	2046.0299	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.9170	2.8893	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1331.5949	1422.0520	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	3.7955	3.7036	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	1.9997	2.0544	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	233.1312	277.6141	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1384.0367	1474.1041	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	2.8162	2.7735	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1322.8176	1409.7542	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	5.1449	4.8992	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	2.1022	2.0798	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1315.9412	1400.0526	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	6.0646	5.1817	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	2.3876	2.0931	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1309.7835	1391.7643	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	18.8429	15.1147	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	9.8111	7.6941	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	153.2678	179.7703	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1359.7099	1442.1271	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	13.9235	10.8128	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	23.6508	27.2828	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	104.9506	124.9463	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	327.2539	298.8823	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1306.9556	1387.5123	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	26.5894	22.8229	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	14.1356	11.9804	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	1183.1704	1261.1517	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	59.9379	54.6107	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1302.2993	1382.1260	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	16.93 Call	500	32.5545	28.1110	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	17.58 Call	500	17.6729	15.0699	0.0000	0.0000	0	0.00	
			<u>680,437</u>					<u>30,000.00</u>	<u>0.00</u>	<u>18 341 705.00</u>
		Total	888,853					81,216.00	634,213,935.20	27 895 718.00
										115 856 193 664.40
Option										
May 2018	DAYJ	8.94 Call	100,000	299.6743	338.5992	0.0000	0.0000	0	0.00	
Jun 2018	DAYJ	8.34 Put	110,000	818.8935	850.9992	0.0000	0.0000	0	0.00	
			<u>210,000</u>					<u>0.00</u>	<u>0.00</u>	<u>200 000.00</u>
		Total	210,000					0.00	0.00	200 000.00
										0.00
Future										
Jun 2018	EUUS	Future	140	1.2264	1.2278	1.2260	1.2247	50	612,740.00	
			<u>140</u>					<u>50.00</u>	<u>612,740.00</u>	<u>703 678.00</u>
		Total	140					50.00	612,740.00	7 967 989 282.00
										703 678.00
										7 967 989 282.00
Future										
Sep 2018	JYZA	Future	283	8.5756	8.5866	0.0000	0.0000	0	0.00	
			<u>283</u>					<u>0.00</u>	<u>0.00</u>	<u>18 783.00</u>
										186 145 988.86
Option										
Jun 2018	JYZA	8.89 Put	1,200	2655.7741	2619.8484	0.0000	0.0000	0	0.00	
			<u>1,200</u>					<u>0.00</u>	<u>0.00</u>	<u>25 800.00</u>
		Total	1,483					0.00	0.00	44 583.00
										186 145 988.86
Future										
Jun 2018	ZAAD	Future	12,044	9.4701	9.4266	9.4903	9.4050	2,350	22,162,500.00	
Sep 2018	ZAAD	Future	850	9.5846	9.5405	9.5307	9.5289	550	5,241,165.00	
Dec 2018	ZAAD	Future	11,312	9.6975	9.6518	0.0000	0.0000	0	0.00	
			<u>24,206</u>					<u>2,900.00</u>	<u>27,403,665.00</u>	<u>3 609 002.00</u>
		Total	24,206					2,900.00	27,403,665.00	31 248 954 685.70
										3 641 379.00
										31 248 954 685.70
Future										
Jun 2018	ZACA	Future	1,500	9.7286	9.6515	0.0000	0.0000	0	0.00	
			<u>1,500</u>					<u>0.00</u>	<u>0.00</u>	<u>131 183.00</u>
		Total	1,500					0.00	0.00	1 288 822 267.10
										131 183.00
										1 288 822 267.10
Future										
Jun 2018	ZAEU	Future	118,890	15.2832	15.1807	15.2288	15.1464	1,609	24,434,965.00	
Sep 2018	ZAEU	Future	57,482	15.5706	15.4670	15.6152	15.5163	1,000	15,563,668.90	
Dec 2018	ZAEU	Future	7,625	15.8567	15.7502	15.9049	15.8853	4,352	69,104,810.10	
Mar 2019	ZAEU	Future	4,686	16.1736	16.0642	0.0000	0.0000	4,122	66,713,886.40	

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	Jun 2019	ZAEU	Future	5,256	16.4366	16.3259	0.0000	0.0000	0	0.00		
				<u>193,939</u>					<u>11,083.00</u>	<u>175,817,330.40</u>	<u>14 471 711.00</u>	<u>206 012 971 274.40</u>
Option	Jun 2018	ZAEU	13.50 Put	29,734	3.5070	4.0860	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,995	7.0586	7.8984	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	10.8112	12.8258	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	19.0535	24.0799	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	1004.3446	907.6814	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.40 Call	10,000	909.3082	814.6064	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Call	3,000	427.9746	369.1222	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	50,995	254.6597	315.1211	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.63 Call	29,734	151.4033	129.6034	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.00 Call	3,000	78.5582	66.9876	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.44 Put	6,460	1188.0446	1286.0683	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	18.61 Call	6,460	1.5867	1.7646	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	20.55 Call	50,995	0.7058	0.5749	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	13.50 Put	29,734	12.5749	13.3233	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	14.25 Put	86,824	42.9034	54.6822	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	15.85 Put	86,824	645.7821	716.0086	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	16.76 Call	29,734	159.2256	144.6828	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	19.56 Call	86,824	15.6394	15.7523	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			801,446					11,083.00	175,817,330.40	22 388 980.00	206 012 971 274.40
Future	Jun 2018	ZAFR	Future	1,215	12.7612	12.7061	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	446,952	17.4461	17.2886	17.4204	17.2860	5,007	87,383,248.80		
	Sep 2018	ZAGB	Future	18,494	17.7201	17.5612	17.7670	17.6946	1,159	20,551,278.00		
	Dec 2018	ZAGB	Future	6,117	17.9869	17.8251	0.0000	0.0000	3,544	63,815,518.00		
	Mar 2019	ZAGB	Future	4,932	18.2747	18.1103	0.0000	0.0000	3,606	65,934,587.80		
	Jun 2019	ZAGB	Future	5,465	18.5439	18.3790	0.0000	0.0000	0	0.00		
				<u>481,960</u>					<u>13,316.00</u>	<u>237,684,632.60</u>	<u>10 739 362.00</u>	<u>179 852 025 358.00</u>
Option	Jun 2018	ZAGB	17.50 Put	500	392.9281	491.1214	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	20.40 Call	500	5.2826	4.6323	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>	<u>0.00</u>
	Total			482,960					13,316.00	237,684,632.60	12 513 475.00	179 852 025 358.00

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Future											
Jun 2018	ZAJY	Future	8,296	0.1145	0.1144	0.0000	0.0000	0	0.00		
			<u>8,296</u>					<u>0.00</u>	<u>0.00</u>	<u>978 643.00</u>	<u>10 906 872 238.10</u>
		Total	8,296					0.00	0.00	978 643.00	10 906 872 238.10
Future											
Jun 2018	ZAKS	Future	1,145	0.1232	0.1226	0.0000	0.0000	0	0.00		
Sep 2018	ZAKS	Future	562	0.1220	0.1207	0.0000	0.0000	0	0.00		
			<u>1,707</u>					<u>0.00</u>	<u>0.00</u>	<u>31 923.00</u>	<u>432 652 210.00</u>
		Total	1,707					0.00	0.00	31 923.00	432 652 210.00
Future											
Jun 2018	ZATR	Future	12,120	2.9940	2.9616	0.0000	0.0000	0	0.00		
			<u>12,120</u>					<u>0.00</u>	<u>0.00</u>	<u>250 309.00</u>	<u>896 989 419.50</u>
		Total	12,120					0.00	0.00	250 309.00	896 989 419.50
Future											
Jun 2018	ZAUM	Future	415	12.4616	12.3638	12.3698	12.3624	10	12,366,100.00		
Sep 2018	ZAUM	Future	52	12.6038	12.5056	12.5096	12.5096	5	6,254,800.00		
Dec 2018	ZAUM	Future	10	12.7402	12.6405	0.0000	0.0000	0	0.00		
			<u>477</u>					<u>15.00</u>	<u>18,620,900.00</u>	<u>149 445.00</u>	<u>172 046 135 410.00</u>
		Total	477					15.00	18,620,900.00	153 968.00	172 046 135 410.00
Future											
Jun 2018	ZAUS	Future	1,247,027	12.4616	12.3638	12.4903	12.3566	137,459	1,708,993,823.20		
Sep 2018	ZAUS	Future	57,034	12.6038	12.5056	12.6140	12.4968	363	4,545,373.60		
Dec 2018	ZAUS	Future	21,688	12.7402	12.6405	12.7731	12.6744	102	1,302,128.00		
Mar 2019	ZAUS	Future	2,623	12.8817	12.7805	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	Future	3,087	13.0141	12.9132	0.0000	0.0000	0	0.00		
			<u>1,331,459</u>					<u>137,924.00</u>	<u>1,714,841,324.80</u>	<u>171 906 631.00</u>	<u>2 026 392 909 609.40</u>
Option											
Jun 2018	ZAUS	11.00 Put	60,750	2.3763	3.3482	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.20 Put	2,550	4.6624	6.4350	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.35 Call	10,000	1119.2239	1024.3090	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.45 Call	10,000	1022.1290	928.2839	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.50 Put	40,216	12.3528	16.9695	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.60 Put	12,000	16.9414	23.1897	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.70 Call	60	784.7107	695.2873	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.75 Put	60,000	26.9338	36.6024	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.77 Put	76,000	28.6219	39.6975	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.80 Put	5,500	31.3388	44.7053	0.0000	0.0000	0	0.00		

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Jun 2018	ZAUS	11.90 Put	9,500	44.4948	64.7992	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Call	3,000	526.1639	454.4615	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	29,050	64.5639	90.6615	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	79.3435	109.1895	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	96.3382	130.0855	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	102.5149	137.5892	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Call	500	417.3019	355.2429	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	105.7019	141.4429	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.23 Call	3,000	365.1873	308.5303	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Call	40,000	352.8343	297.5380	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	12,415	141.2343	183.7380	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	323.1512	271.2523	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	161.5512	207.4523	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	207.3423	261.5744	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	244.4027	205.6952	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	10,050	223.1088	187.5500	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	261.5088	323.7500	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	427.7231	503.1497	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	591.0841	674.2665	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	85.7115	72.0884	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	624.1115	708.2884	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	666.1222	751.4441	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	769.3250	857.5348	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	795.7160	884.5480	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	885.1505	975.8026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	42.2221	35.8520	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1032.1569	1125.0326	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1050.8142	1143.9174	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1069.5260	1162.8469	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1201.8645	1296.1974	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1306.9607	1401.7391	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1354.9510	1450.0462	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1364.5754	1459.7301	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1383.8489	1479.1183	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1393.4976	1488.8224	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1451.5479	1547.1821	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	10.4328	8.7004	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1548.8328	1644.9004	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1646.6722	1743.0868	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1794.2362	1891.0454	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	3.0451	2.5126	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	2.0093	1.6502	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	14.81 Call	500	1.5971	1.3360	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	1.1536	1.3033	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.1532	1.3022	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.1540	1.3007	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	1.1567	1.3015	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.1650	1.3070	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.1714	1.3121	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	1.1745	1.3147	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.2104	1.3468	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	1.2861	1.1068	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.8860	0.6911	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.8310	0.6476	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.6998	0.5440	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.6559	0.5094	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.4943	0.3822	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.2715	0.2081	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.2266	0.1733	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.1403	0.1066	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0945	0.0715	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	43.8450	56.0146	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	46.3395	59.0184	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	60.4598	75.8712	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	87.3163	107.3552	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	109.4243	132.8623	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	121.8347	147.0528	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	150.0532	179.7684	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	593.7932	535.7623	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	261.1500	303.4308	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.48 Put	0	345.9821	395.7726	0.0000	0.0000	250	0.00
Sep 2018	ZAUS	12.50 Call	4,600	460.0332	412.4386	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	415.7230	473.0216	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	439.4288	498.2077	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.68 Put	250	457.6087	0.0000	0.0000	0.0000	250	0.00
Sep 2018	ZAUS	12.77 Call	5,200	347.9330	312.7352	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	337.4123	303.2166	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	566.7630	632.3902	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	212.7996	190.7600	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	858.9996	935.1600	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	202.1083	181.1652	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	164.6525	147.6050	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	141.4347	126.8427	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	8.3500	7.1723	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	16.04 Call	1,550	7.4430	6.4068	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.14 Call	750	6.3036	5.4447	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.29 Call	73,314	4.8936	4.2536	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	11.64 Put	2,764	112.7975	132.7140	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	12.50 Call	150	653.2929	601.5263	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	13.00 Call	6,000	445.2435	409.3404	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	13.20 Call	7,000	382.6328	351.5833	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	13.80 Call	2,764	245.2958	225.9060	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	14.89 Call	1,000	108.2123	98.5881	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	15.00 Call	1,000	99.7684	0.0000	0.0000	0.0000	1,000	0.00	
Dec 2018	ZAUS	15.95 Call	2,000	52.7849	48.1983	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	10.33 Put	1,000	11.9267	13.6894	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	11.74 Put	1,000	177.6380	201.3265	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.06 Put	4,145	272.1005	303.4472	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.76 Put	250	589.7400	642.4347	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.45 Call	4,145	465.5376	433.5823	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.48 Call	1,000	253.7520	235.6923	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	15.20 Call	1,000	164.5271	0.0000	0.0000	0.0000	1,000	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	72.5576	65.8367	0.0000	0.0000	0	0.00	
			<u>1,748,706</u>					<u>2,500.00</u>	<u>0.00</u>	<u>47 546 927.00</u>
		Total	3,080,165					140,424.00	1,714,841,324.80	219 453 558.00
										2 026 392 909 609.40
		Grand Total	5,514,645					249,004.00	2 809 194 528.00	299,589,893
										2,817,160,330,774.28