



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 03-August-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Oct 2018	CC01	Future	25,000	407.0838	407.1151	0.0000	0.0000	0	0.00		
			<u>25,000</u>					<u>0.00</u>	<u>0.00</u>	<u>25 000.00</u>	<u>7 830 750.00</u>
		Total	25,000					0.00	0.00	25 000.00	7 830 750.00
Future											
Sep 2018	DAEU	Future	34	15.5174	15.6705	0.0000	0.0000	0	0.00		
			<u>34</u>					<u>0.00</u>	<u>0.00</u>	<u>801 260.00</u>	<u>11 964 751 196.80</u>
		Total	34					0.00	0.00	1 758 047.00	11 964 751 196.80
Future											
Sep 2018	DAGB	Future	14	17.4729	17.6362	0.0000	0.0000	0	0.00		
			<u>14</u>					<u>0.00</u>	<u>0.00</u>	<u>53 769.00</u>	<u>882 198 966.30</u>
		Total	14					0.00	0.00	261 082.00	882 198 966.30
Future											
Aug 2018	DAUS	Future	420	13.3055	13.4154	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.3128	13.4209	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	4,144	13.3158	13.4242	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	600	13.3246	13.4332	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	3,299	13.3442	13.4531	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	197	13.3495	13.4585	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	5,532	13.3924	13.5018	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	55	13.3992	13.5087	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	235	13.4249	13.5347	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	13.4386	13.5487	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	13.4455	13.5557	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	3,442	13.4489	13.5592	0.0000	0.0000	166	2,267,975.00		
Nov 2018	DAUS	Future	55	13.4506	13.5610	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.4712	13.5819	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	420	13.4763	13.5871	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Nov 2018	DAUS	Future	461	13.4985	13.6096	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	3,197	13.5002	13.6113	0.0000	0.0000	166	2,277,271.00		
Dec 2018	DAUS	Future	2,078	13.5532	13.6651	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.5566	13.6686	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.6045	13.7171	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.6062	13.7188	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.6285	13.7414	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	13.6543	13.7676	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.7008	13.8146	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.7112	13.8251	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.7594	13.8739	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.8130	13.9271	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	29,000	13.8182	13.9322	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.8666	13.9800	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	13.9202	14.0330	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	13.9788	14.0916	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.0344	14.1473	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.0881	14.2011	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.1474	14.2604	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.2048	14.3179	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.2586	14.3717	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.3160	14.4292	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.3735	14.4868	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.4235	14.5368	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.4865	14.5999	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.5903	14.7038	0.0000	0.0000	0	0.00		
			<u>151,164</u>					<u>332.00</u>	<u>4,545,246.00</u>	<u>10 492 572.00</u>	<u>127 929 860 233.90</u>
Option											
Aug 2018	DAUS	12.32 Put	1,880	0.0250	0.1335	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	556.8928	457.2332	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	0.0327	0.0210	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.18 Put	350	84.4585	60.7559	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.22 Call	350	194.8541	276.0823	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.43 Put	106	210.3901	156.6892	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.55 Call	106	61.8853	103.7494	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.35 Put	20,000	172.0551	128.7538	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.21 Put	50,000	126.8272	94.4386	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.00 Put	500	79.9201	59.4873	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.65 Call	500	113.3005	152.0427	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	536.7591	457.7737	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	0.5657	0.6980	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	0.6833	0.6731	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	12.90 Put	100	70.9750	53.7297	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.09 Put	600	126.4078	98.7396	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.32 Call	600	261.2611	327.4068	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.45 Call	100	205.5420	259.3231	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Call	100	105.1711	137.7422	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.90 Call	600	86.3467	114.1281	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	231.2302	189.8909	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	144.4290	117.5897	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	181.8663	220.7689	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	584.2541	512.8566	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	3.0336	4.4006	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	2.6075	2.9179	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.51 Call	5,000	316.3353	370.5101	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.20 Put	1,630	263.0247	224.4849	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.00 Call	1,630	195.7197	230.0995	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	196.4936	166.1470	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	625.3489	557.9970	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	237.5686	275.8069	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	12.8292	16.1258	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	6.2760	7.0545	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	18.7617	16.8710	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	672.1198	603.2639	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	9.3958	11.0646	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	4.3539	3.6271	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	16.8939	14.9102	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	565.3505	635.5539	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	234.4350	202.3166	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	657.7547	592.4427	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	276.9756	313.8816	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	23.1936	31.3353	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	11.7064	19.4190	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	570.9899	510.9947	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	75.4239	86.9353	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	341.4865	300.1480	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	388.5251	343.5162	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.66 Call	1,000	203.7465	229.1911	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.75 Call	1,000	189.5295	213.3695	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.00 Put	500	266.1031	231.8043	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	682.8919	618.9832	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.22 Call	500	312.4275	348.2963	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	42.0418	48.0538	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	29.3020	34.2345	0.0000	0.0000	0	0.00

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Jan 2019	DAUS	12.66 Put	263	174.0811	151.3300	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	294.3886	259.1849	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	14.38 Call	500	340.8137	375.1423	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	316.7337	282.1617	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	366.1597	399.5480	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.00 Put	500	337.4933	303.8512	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.67 Call	500	389.4527	421.8972	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	3,000	359.0082	325.0697	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	855.1375	919.1162	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	411.1321	442.7064	0.0000	0.0000	0	0.00		
May 2019	DAUS	13.00 Put	500	378.7743	345.6417	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	430.4381	460.7773	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	394.7803	361.4347	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	444.7807	474.2242	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.45 Put	39,250	598.6275	550.1909	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.44 Call	39,250	254.4758	271.8244	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	411.8970	379.4586	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	463.8070	493.0144	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	429.1339	397.0204	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	480.4026	510.5831	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	444.9473	412.4899	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	502.9745	532.1032	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	459.7017	427.3647	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	519.3002	547.7210	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	472.2854	439.9607	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	537.4865	565.8567	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	484.4704	453.0855	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	555.8484	583.8310	0.0000	0.0000	0	0.00		
			<u>401,062</u>					<u>0.00</u>	<u>0.00</u>	<u>19 610 577.00</u>	<u>0.00</u>
		Total	552,226					332.00	4,545,246.00	30 103 149.00	127 929 860 233.90
Option											
Aug 2018	DAYJ	8.07 Put	13,000	452.8874	558.2188	0.0000	0.0000	0	0.00		
Aug 2018	DAYJ	8.27 Call	13,000	1598.9521	1350.1092	0.0000	0.0000	0	0.00		
Aug 2018	DAYJ	8.35 Call	20,000	1153.0362	947.3070	0.0000	0.0000	0	0.00		
			<u>46,000</u>					<u>0.00</u>	<u>0.00</u>	<u>40 000.00</u>	<u>0.00</u>
		Total	46,000					0.00	0.00	40 000.00	0.00
Future											
Sep 2018	EUUS	Future	190	1.1627	1.1646	1.1626	1.1626	15	174,390.00		
			<u>190</u>					<u>15.00</u>	<u>174,390.00</u>	<u>729 574.00</u>	<u>8 271 863 037.00</u>

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		Total	190					15.00	174,390.00	729 574.00	8 271 863 037.00
Future											
	Sep 2018	GBUS	Future	14	1.3041	1.3056	0.0000	0.0000	0	0.00	
				14					0.00	0.00	167 353.00
			Total	14					0.00	0.00	167 353.00
Future											
	Sep 2018	ZAAD	Future	12,322	9.8986	9.9402	9.9078	9.9073	400	3,963,045.00	
	Dec 2018	ZAAD	Future	11,417	10.0141	10.0570	10.0264	10.0259	400	4,010,485.00	
	Mar 2019	ZAAD	Future	400	10.1422	10.1864	10.1504	10.1499	400	4,060,085.00	
	Jun 2019	ZAAD	Future	4,929	10.2670	10.3105	0.0000	0.0000	0	0.00	
				29,068					1,200.00	12,033,615.00	3 686 298.00
			Total	29,068					1,200.00	12,033,615.00	3 718 675.00
Future											
	Dec 2018	ZACA	Future	595	10.4398	10.5000	10.4777	10.4531	800	8,371,070.00	
				595					800.00	8,371,070.00	137 618.00
			Total	595					800.00	8,371,070.00	137 618.00
Future											
	Sep 2018	ZADK	Future	245	2.0909	2.1118	0.0000	0.0000	0	0.00	
	Dec 2018	ZADK	Future	235	2.1307	2.1521	2.1307	2.1307	250	5,326,750.00	
				480					250.00	5,326,750.00	12 085.00
			Total	480					250.00	5,326,750.00	12 085.00
Future											
	Sep 2018	ZAEU	Future	130,843	15.5493	15.7026	15.7402	15.5872	40,206	625,434,244.50	
	Dec 2018	ZAEU	Future	35,433	15.8342	15.9920	16.0200	15.8832	1,763	28,083,820.00	
	Mar 2019	ZAEU	Future	4,686	16.1537	16.3161	16.2454	16.1935	1,500	24,340,400.00	
	Jun 2019	ZAEU	Future	5,256	16.4597	16.6251	0.0000	0.0000	0	0.00	
				176,218					43,469.00	677,858,464.50	15 138 005.00
											216 348 163 862.40
Option											
	Sep 2018	ZAEU	13.50 Put	29,734	2.3119	1.9289	0.0000	0.0000	0	0.00	
	Sep 2018	ZAEU	14.25 Put	57,090	13.3481	10.1870	0.0000	0.0000	0	0.00	
	Sep 2018	ZAEU	15.85 Put	86,824	493.2826	399.4935	0.0000	0.0000	0	0.00	
	Sep 2018	ZAEU	16.76 Call	29,734	42.7327	60.2251	0.0000	0.0000	0	0.00	
	Sep 2018	ZAEU	19.56 Call	86,824	2.0796	2.1276	0.0000	0.0000	0	0.00	
	Mar 2019	ZAEU	16.00 Call	650	798.7189	885.5030	0.0000	0.0000	0	0.00	
				290,856					0.00	0.00	8 025 012.00
			Total	467,074					43,469.00	677,858,464.50	23 163 017.00
											216 348 163 862.40

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Future										
Sep 2018	ZAFR	Future	1,975	13.5146	13.6016	13.5719	13.5248	600	8,137,056.00	
Dec 2018	ZAFR	Future	650	13.7750	13.8650	13.8409	13.7979	750	10,368,550.00	
Jun 2019	ZAFR	Future	150	14.3492	14.4432	0.0000	0.0000	0	0.00	
			<u>2,775</u>					<u>1,350.00</u>	<u>18,505,606.00</u>	<u>616 325.00</u>
		Total	2,775					1,350.00	18,505,606.00	616 325.00
										6 602 585 530.30
Future										
Sep 2018	ZAGB	Future	200,604	17.4403	17.6031	17.6500	17.4500	24,236	422,609,671.20	
Dec 2018	ZAGB	Future	14,284	17.7067	17.8730	17.9296	17.9296	750	13,447,200.00	
Mar 2019	ZAGB	Future	4,932	18.0033	18.1722	18.2166	18.2166	500	9,108,300.00	
Jun 2019	ZAGB	Future	6,156	18.2831	18.4524	0.0000	0.0000	0	0.00	
Sep 2019	ZAGB	Future	895	18.5938	18.7618	0.0000	0.0000	0	0.00	
			<u>226,871</u>					<u>25,486.00</u>	<u>445,165,171.20</u>	<u>11 960 870.00</u>
		Total	226,871					25,486.00	445,165,171.20	13 734 983.00
										201 411 360 594.40
Future										
Sep 2018	ZAJY	Future	115	0.1207	0.1213	0.0000	0.0000	0	0.00	
			<u>115</u>					<u>0.00</u>	<u>0.00</u>	<u>993 919.00</u>
		Total	115					0.00	0.00	993 919.00
										11 089 418 491.40
Future										
Sep 2018	ZAKS	Future	562	0.1324	0.1335	0.0000	0.0000	0	0.00	
Jun 2019	ZAKS	Future	1,093	0.1303	0.1315	0.0000	0.0000	0	0.00	
			<u>1,655</u>					<u>0.00</u>	<u>0.00</u>	<u>35 358.00</u>
		Total	1,655					0.00	0.00	35 358.00
										476 333 960.00
Future										
Sep 2018	ZATR	Future	1,500	2.5877	2.6110	0.0000	0.0000	0	0.00	
			<u>1,500</u>					<u>0.00</u>	<u>0.00</u>	<u>305 794.00</u>
		Total	1,500					0.00	0.00	305 794.00
										1 053 284 652.00
Future										
Sep 2018	ZAUM	Future	355	13.3737	13.4828	13.4260	13.3934	20	26,819,400.00	
Dec 2018	ZAUM	Future	20	13.5241	13.6356	13.5821	13.5486	20	27,130,700.00	
Mar 2019	ZAUM	Future	5	13.6853	13.7990	13.7401	13.7043	20	27,444,400.00	
			<u>380</u>					<u>60.00</u>	<u>81,394,500.00</u>	<u>152 146.00</u>
		Total	380					60.00	81,394,500.00	156 669.00
										175 552 096 520.00
Future										
Sep 2018	ZAUS	Future	478,278	13.3737	13.4828	13.5815	13.3751	97,425	1,310,983,113.30	

<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>		
Dec 2018	ZAUS	Future	65,015	13.5241	13.6356	13.7241	13.5496	22,512	305,494,715.60		
Mar 2019	ZAUS	Future	7,820	13.6853	13.7990	13.7391	13.7053	2,000	27,444,400.00		
Jun 2019	ZAUS	Future	15,910	13.8372	13.9510	13.8647	13.8647	500	6,932,350.00		
			<u>567,023</u>					<u>122,437.00</u>	<u>1,650,854,578.90</u>	<u>179 829 351.00</u>	<u>2 131 187 615 576.80</u>

Option

Sep 2018	ZAUS	11.48 Put	5,200	1.4305	1.2610	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	1.4992	1.3169	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	1.8982	1.6382	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	2.7167	2.2846	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	3.4608	2.8620	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	3.9102	3.2071	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	5.0009	4.0366	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1135.8167	1241.2652	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	12.1167	8.4652	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	14.3304	10.2157	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	18.6228	13.6731	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	900.8747	1003.5332	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	44,000	27.1747	20.7332	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	34.6094	26.9928	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	37.8163	29.7170	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	42.4824	33.7035	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	665.3297	761.1953	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	641.4213	735.5839	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Put	500	67.7213	52.7839	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	78.8311	60.8064	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	7,500	493.5708	577.6828	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Put	72,000	119.8708	94.8828	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.10 Put	2,500	154.1218	123.9393	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	367.8712	441.2537	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Put	4,000	194.1712	158.4537	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	10,000	202.8881	166.0311	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	340.1052	410.6265	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	74,064	216.4052	177.8265	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	500	313.8110	381.4276	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,000	227.7888	278.9278	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	193.5849	238.9343	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Put	4,000	419.8849	356.1343	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	178.2825	220.8831	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Call	60,000	98.9511	125.4638	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	1,500	725.2511	642.6638	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.20 Call	500	69.8046	90.1808	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.70 Call	63,000	29.1732	38.6202	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	15.00 Call	4,000	15.7473	22.2200	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	1.9892	2.9039	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	1.8468	2.4986	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	1.8071	2.0152	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	1.7599	1.7339	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	23.8108	21.3441	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	230,784	28.3373	25.5582	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	35.8379	32.5614	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	41.8412	38.1785	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	43.1510	39.4045	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	48.7846	44.6808	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	58.8192	52.1892	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	65.5270	56.3637	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	85.6806	71.9985	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	230,784	1132.1696	1227.1351	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	108.0696	91.5351	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	136.8120	116.8439	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	149.1862	127.8080	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	167.7980	144.3623	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	774.5104	852.3220	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	175,030	250.4104	216.7220	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	290.4107	253.1026	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	658.0552	728.5802	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	343.0838	301.3726	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	631.1435	699.8256	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	37,800	357.0435	314.2256	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	457.9972	407.8483	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	230,784	509.4316	568.9754	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	485.3316	433.3754	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	606.1537	544.5452	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.71 Put	30	612.5175	550.5702	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	401.9552	449.2122	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	664.4452	599.8816	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	395.1664	441.7804	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	347.6756	389.6655	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	21,010	333.1310	373.6560	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	298.1039	335.0142	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	251.4574	283.2579	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.38 Call	30	241.0381	271.6527	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	229.1278	258.3805	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	200.3238	226.2088	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	198.6594	224.3435	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	14.62 Call	5,500	197.0074	222.4973	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.70 Call	20,000	184.3191	208.2843	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.75 Call	127,100	176.8413	199.9009	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.84 Call	1,000	164.2052	185.7134	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.00 Call	15,100	142.9021	163.1370	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.01 Call	10,000	141.6639	161.7450	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.09 Call	500	132.1668	151.0354	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.15 Call	27,030	125.4841	143.4907	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.48 Call	29,600	94.6239	108.5338	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.70 Call	11,380	78.6663	90.3780	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	10.33 Put	1,000	5.8006	5.6855	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	54.3129	45.6022	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.06 Put	4,145	92.3117	79.4198	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.47 Put	721	168.6466	148.1201	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.45 Call	4,145	772.2367	836.0625	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.46 Put	20,000	542.1763	492.0060	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.75 Put	17,981	705.7123	646.5884	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.86 Put	721	773.9568	711.2803	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.30 Call	500	458.0977	498.0521	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.48 Call	1,000	411.2668	446.8550	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.96 Call	17,981	311.6206	338.3780	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.45 Call	20,000	232.0000	254.1897	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.54 Call	721	219.7370	240.8111	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	10.69 Put	1,000	10.3901	9.1925	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	167.8968	147.0276	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.75 Put	1,000	300.3028	272.5303	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.98 Put	911	379.7570	346.6577	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.24 Put	30,000	486.8302	444.4239	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.83 Put	25,000	799.9463	741.9595	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.88 Put	12,450	829.9845	770.6998	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.58 Call	1,000	556.5693	595.3531	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.82 Call	30,000	496.4269	530.5718	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.55 Call	25,000	351.3257	376.5891	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.62 Call	12,450	339.6527	364.1102	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.80 Call	1,000	311.5811	334.0876	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.92 Call	911	294.3387	315.6327	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	10.75 Put	1,000	16.6949	17.7132	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	12.50 Put	1,000	266.3125	239.4392	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	444.1671	470.7050	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	156.9554	170.1440	0.0000	0.0000	0	0.00		
			<u>2,731,071</u>					<u>0.00</u>	<u>0.00</u>	<u>51 308 452.00</u>	<u>0.00</u>

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		Total	3,298,094				122,437.00	1,650,854,578.90	231 137 803.00	2 131 187 615 576.80
		Grand Total	4,652,085				195,399.00	2 904 229 391.60	316,267,729	2,971,247,251,772.72