



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 07-January-2019

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Jan 2019	DAEU	Future	4,830	15.9425	16.1252	0.0000	0.0000	0	0.00		
Feb 2019	DAEU	Future	29	16.0649	16.2511	0.0000	0.0000	0	0.00		
Mar 2019	DAEU	Future	53	16.1153	16.3027	0.0000	0.0000	0	0.00		
			<u>4,912</u>					<i>0.00</i>	<i>0.00</i>	<i>811 215.00</i>	<i>12 127 077 435.00</i>
Option											
Aug 2019	DAEU	17.01 Put	16,200	1097.2187	1020.5346	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	19.65 Call	62,400	220.7231	272.1267	0.0000	0.0000	0	0.00		
			<u>78,600</u>					<i>0.00</i>	<i>0.00</i>	<i>1 510 587.00</i>	<i>0.00</i>
		Total	83,512					0.00	0.00	2 321 802.00	12 127 077 435.00
Future											
Jan 2019	DAGB	Future	4,112	17.7567	17.9295	0.0000	0.0000	0	0.00		
Jan 2019	DAGB	Future	27	17.7854	17.9590	0.0000	0.0000	0	0.00		
Feb 2019	DAGB	Future	47	17.8694	18.0453	0.0000	0.0000	0	0.00		
Mar 2019	DAGB	Future	80	17.9603	18.1346	0.0000	0.0000	0	0.00		
			<u>4,266</u>					<i>0.00</i>	<i>0.00</i>	<i>62 358.00</i>	<i>1 041 064 928.30</i>
		Total	4,266					0.00	0.00	269 671.00	1 041 064 928.30
Future											
Jan 2019	DAUS	Future	125	13.8709	14.1735	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	174	13.8786	14.1805	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	20	13.8801	14.1821	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,901	13.8880	14.1904	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	51	13.8942	14.1970	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,018	13.9021	14.2053	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	2,002	13.9037	14.2069	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.9243	14.2288	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	6	13.9276	14.2323	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	15	13.9443	14.2496	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	6,098	13.9494	14.2548	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>
Mar 2019	DAUS	Future	74	13.9561	14.2617	0.0000	0.0000	0	0.00
Mar 2019	DAUS	Future	80	13.9577	14.2634	0.0000	0.0000	0	0.00
Mar 2019	DAUS	Future	3,731	13.9966	14.3012	0.0000	0.0000	0	0.00
Mar 2019	DAUS	Future	5,111	14.0002	14.3047	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	55	14.0074	14.3115	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	1,580	14.0555	14.3608	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	875	14.1079	14.4158	0.0000	0.0000	0	0.00
Jun 2019	DAUS	Future	74	14.1146	14.4229	0.0000	0.0000	0	0.00
Jun 2019	DAUS	Future	505	14.1552	14.4654	0.0000	0.0000	0	0.00
Jul 2019	DAUS	Future	55	14.1603	14.4708	0.0000	0.0000	0	0.00
Aug 2019	DAUS	Future	55	14.2150	14.5271	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	55	14.2723	14.5856	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	74	14.2759	14.5892	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	55	14.3261	14.6404	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	55	14.3818	14.6949	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	55	14.4446	14.7554	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	321	14.4485	14.7592	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	14.5054	14.8140	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	14.5673	14.8757	0.0000	0.0000	0	0.00
Mar 2020	DAUS	Future	55	14.6353	14.9436	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	14.7032	15.0114	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	14.7624	15.0705	0.0000	0.0000	0	0.00
Jun 2020	DAUS	Future	1,055	14.8369	15.1449	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	14.9596	15.2675	0.0000	0.0000	0	0.00
			<u>109,620</u>					<u>0.00</u>	<u>0.00</u>
									<u>11 024 922.00</u>
									<u>135 548 482 340.00</u>
Option									
Jan 2019	DAUS	13.86 Put	174	135.9203	55.4169	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.00 Call	174	94.8562	279.7806	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.29 Put	218	441.4688	245.7892	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.36 Call	218	22.1504	112.2797	0.0000	0.0000	0	0.00
Jan 2019	DAUS	12.66 Put	263	1.4653	0.9912	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.00 Put	500	18.2324	8.1832	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.80 Put	600	199.3012	111.7252	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.20 Call	600	144.6721	287.1956	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.20 Put	250	440.9721	280.2956	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.25 Put	250	477.5949	308.5818	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.38 Call	500	101.5915	215.3189	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.55 Call	600	72.1132	162.1941	0.0000	0.0000	0	0.00
Jan 2019	DAUS	15.13 Call	250	20.2641	56.1800	0.0000	0.0000	0	0.00
Jan 2019	DAUS	15.47 Call	250	9.6164	27.8414	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.00 Put	500	54.0693	30.1721	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.70 Put	600	249.3270	159.8074	0.0000	0.0000	0	0.00

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Feb 2019	DAUS	14.20 Put	250	525.3703	373.1010	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.25 Call	600	258.4967	404.9846	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.25 Put	250	559.0967	400.1846	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.52 Call	500	184.9842	301.6344	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.75 Call	600	138.2756	233.2263	0.0000	0.0000	0	0.00
Feb 2019	DAUS	15.27 Call	250	70.8769	127.6624	0.0000	0.0000	0	0.00
Feb 2019	DAUS	15.63 Call	250	43.5257	83.4017	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.94 Put	27,500	393.1533	276.2336	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.15 Call	27,500	109.3165	182.6247	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.88 Put	32,000	398.2797	290.1305	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.00 Put	65,000	462.1868	343.0410	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	97.8376	64.0626	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Put	250	588.1696	447.9068	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	620.4172	474.8492	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	248.9323	370.6474	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	121.0622	191.5112	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.79 Call	250	85.4243	139.8168	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.76 Put	100	358.5474	262.0129	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.35 Call	100	361.9754	513.8183	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	138.8204	97.4817	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	851.4393	1081.6490	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Put	250	643.5871	508.8577	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	674.8687	535.7623	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	305.0225	427.1038	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	169.9695	248.3086	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.96 Call	250	129.7830	193.8441	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	176.0504	128.7164	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Put	250	690.3625	557.9355	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	720.9656	584.7646	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	350.8098	472.2323	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	211.6357	295.5423	0.0000	0.0000	0	0.00
May 2019	DAUS	16.15 Call	250	167.2058	236.8686	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.72 Put	20,000	1056.7886	891.8736	0.0000	0.0000	0	0.00
Jun 2019	DAUS	17.22 Call	20,000	112.8784	154.8604	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	207.0632	155.5216	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.20 Put	250	726.5208	595.8003	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	250	756.6164	622.5380	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	385.1827	505.7356	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.96 Call	250	243.8465	331.5088	0.0000	0.0000	0	0.00
Jun 2019	DAUS	16.32 Call	250	197.8370	271.6265	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.45 Put	39,250	357.3520	281.2527	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.44 Call	39,250	192.7400	264.0265	0.0000	0.0000	0	0.00

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Jul 2019	DAUS	13.00 Put	500	237.3965	181.0467	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	14.20 Put	250	762.4077	633.7411	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	14.25 Put	250	792.0868	660.4196	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	426.8542	547.7524	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.14 Call	250	282.9176	374.5679	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.50 Call	250	235.7247	314.0228	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.48 Put	3,147	946.3220	802.8723	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.35 Call	3,147	278.2725	365.0726	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	262.5193	201.3336	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.20 Put	250	790.3126	664.2110	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.25 Put	250	819.7778	690.8153	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	456.5772	576.4692	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.33 Call	250	313.2721	405.2374	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.70 Call	250	264.6553	344.1507	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	19.00 Call	20,000	119.1253	165.7978	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	285.7339	221.4495	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.20 Put	250	815.6333	691.2623	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.25 Put	250	844.8830	717.7715	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	489.2226	609.2398	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.50 Call	250	344.7983	437.8166	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.89 Call	250	293.8302	374.2039	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	308.1335	241.3720	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.20 Put	250	837.4352	716.8919	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.25 Put	250	866.4895	743.2887	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	516.3095	635.0411	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	16.70 Call	250	372.6356	465.4297	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	17.09 Call	250	321.9467	403.2399	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	326.9402	258.3092	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.20 Put	250	855.2572	738.2179	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.25 Put	250	884.0990	764.4955	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	543.0972	661.5964	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.87 Call	250	400.1791	492.9698	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	17.26 Call	250	349.7157	431.5665	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	342.5004	276.8281	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.20 Put	250	872.1951	759.0273	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.25 Put	250	900.7924	785.1565	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	569.6675	687.7091	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.05 Call	250	429.7098	522.1902	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.44 Call	250	380.4103	461.7774	0.0000	0.0000	0	0.00		
			<u>330,641</u>					<u>0.00</u>	<u>0.00</u>	<u>22 146 453.00</u>	<u>0.00</u>
	Total		440,261					0.00	0.00	33 171 375.00	135 548 482 340.00

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Future										
Mar 2019	EUUS	Future	25	1.1534	1.1418	0.0000	0.0000	0	0.00	
Jun 2019	EUUS	Future	582	1.1622	1.1505	0.0000	0.0000	0	0.00	
			<u>607</u>					<u>0.00</u>	<u>0.00</u>	<u>745 382.00</u>
		Total	607					0.00	0.00	745 382.00
Future										
Mar 2019	GBUS	Future	400	1.2822	1.2670	0.0000	0.0000	0	0.00	
			<u>400</u>					<u>0.00</u>	<u>0.00</u>	<u>171 212.00</u>
		Total	400					0.00	0.00	171 212.00
Future										
Mar 2019	ZAAD	Future	7,365	9.9898	10.0682	10.0579	10.0579	1	10,057.90	
Jun 2019	ZAAD	Future	15,741	10.1108	10.1909	10.1395	10.1375	500	5,069,250.00	
Sep 2019	ZAAD	Future	650	10.2437	10.3251	0.0000	0.0000	0	0.00	
Dec 2019	ZAAD	Future	400	10.3783	10.4568	0.0000	0.0000	0	0.00	
			<u>24,156</u>					<u>501.00</u>	<u>5,079,307.90</u>	<u>3 845 828.00</u>
										<u>33 691 750 154.60</u>
Option										
Dec 2019	ZAAD	11.00 Call	1,000	348.3055	384.5497	0.0000	0.0000	0	0.00	
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>34 377.00</u>
		Total	25,156					501.00	5,079,307.90	3 880 205.00
										33 691 750 154.60
Future										
Mar 2019	ZACA	Future	2,100	10.4983	10.6432	0.0000	0.0000	0	0.00	
Jun 2019	ZACA	Future	650	10.6314	10.7774	0.0000	0.0000	0	0.00	
Sep 2019	ZACA	Future	250	10.7741	10.9235	0.0000	0.0000	0	0.00	
			<u>3,000</u>					<u>0.00</u>	<u>0.00</u>	<u>146 913.00</u>
		Total	3,000					0.00	0.00	146 913.00
										1 455 056 745.10
Future										
Mar 2019	ZAEU	Future	123,664	16.1256	16.3122	16.2051	16.0787	1,031	16,686,569.10	
Jun 2019	ZAEU	Future	24,150	16.4231	16.6142	0.0000	0.0000	0	0.00	
Sep 2019	ZAEU	Future	10,175	16.7502	16.9468	0.0000	0.0000	283	4,744,495.00	
Dec 2019	ZAEU	Future	277	17.0736	17.2649	0.0000	0.0000	0	0.00	
			<u>158,266</u>					<u>1,314.00</u>	<u>21,431,064.10</u>	<u>16 034 545.00</u>
										<u>231 421 417 149.30</u>
Option										
Mar 2019	ZAEU	16.00 Call	650	514.7044	649.4404	0.0000	0.0000	0	0.00	
Sep 2019	ZAEU	18.60 Call	55,000	431.3689	511.1898	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	13.73 Put	17,150	73.1269	67.1519	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	16.15 Put	17,150	624.7636	584.7272	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	20.62 Call	17,150	366.2561	415.2721	0.0000	0.0000	0	0.00	

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			107,100					0.00	0.00	10 956 876.00	0.00	
		Total	265,366					1,314.00	21,431,064.10	26 991 421.00	231 421 417 149.30	
Future												
	Mar 2019	ZAFR	Future	1,043	14.3684	14.5241	0.0000	0.0000	0	0.00		
	Jun 2019	ZAFR	Future	150	14.6494	14.8091	0.0000	0.0000	0	0.00		
				1,193				0.00	0.00	626 130.00	6 748 085 054.60	
		Total	1,193					0.00	0.00	626 130.00	6 748 085 054.60	
Future												
	Mar 2019	ZAGB	Future	397,072	17.9250	18.1007	17.9970	17.9200	11	197,764.00		
	Jun 2019	ZAGB	Future	5,764	18.1952	18.3742	18.2500	18.2500	500	9,125,000.00		
	Sep 2019	ZAGB	Future	16,675	18.4879	18.6712	0.0000	0.0000	0	0.00		
	Dec 2019	ZAGB	Future	247	18.7794	18.9547	0.0000	0.0000	0	0.00		
				419,758					511.00	9,322,764.00	13 788 755.00	235 735 615 795.00
Option												
	Mar 2019	ZAGB	18.00 Put	500	569.7480	509.0573	0.0000	0.0000	0	0.00		
	Mar 2019	ZAGB	19.00 Call	2,500	195.2745	260.5675	0.0000	0.0000	0	0.00		
	Mar 2019	ZAGB	19.19 Put	1,000	1427.2730	1308.8547	0.0000	0.0000	0	0.00		
	Mar 2019	ZAGB	20.00 Call	500	70.9048	103.1163	0.0000	0.0000	0	0.00		
	Mar 2019	ZAGB	20.18 Call	1,500	58.0886	86.3260	0.0000	0.0000	0	0.00		
	Mar 2019	ZAGB	21.44 Call	500	13.7442	24.2132	0.0000	0.0000	0	0.00		
				6,500					0.00	0.00	1 783 113.00	0.00
		Total	426,258					511.00	9,322,764.00	15 571 868.00	235 735 615 795.00	
Future												
	Jun 2019	ZAKS	Future	2,166	0.1345	0.1353	0.0000	0.0000	0	0.00		
				2,166				0.00	0.00	38 066.00	515 662 000.00	
		Total	2,166					0.00	0.00	38 066.00	515 662 000.00	
Future												
	Mar 2019	ZATR	Future	19,000	2.5002	2.5379	0.0000	0.0000	0	0.00		
				19,000				0.00	0.00	414 239.00	1 305 945 069.00	
		Total	19,000					0.00	0.00	414 239.00	1 305 945 069.00	
Future												
	Mar 2019	ZAUM	Future	422	13.9804	14.2858	14.0025	13.9636	30	42,113,050.00		
				422					30.00	42,113,050.00	155 363.00	180 230 682 260.00
		Total	422					30.00	42,113,050.00	159 886.00	180 230 682 260.00	

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Mar 2019	ZAUS	Future	509,455	13.9804	14.2858	14.1003	13.9500	57,586	809,694,314.60		
Jun 2019	ZAUS	Future	112,532	14.1315	14.4406	14.2150	14.1448	65	922,439.60		
Sep 2019	ZAUS	Future	14,250	14.2974	14.6112	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	Future	9,900	14.4662	14.7762	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	Future	4,566	14.6659	14.9742	0.0000	0.0000	0	0.00		
			<u>650,703</u>					<u>57,651.00</u>	<u>810,616,754.20</u>	<u>193 533 230.00</u>	<u>2 331 391 241 259.40</u>

Option

Mar 2019	ZAUS	10.33 Put	1,000	0.4306	0.4114	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	7.6932	6.0296	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	25.2097	19.1811	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.51 Put	720	26.9103	20.4319	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.80 Put	8,132	51.5510	32.2716	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.90 Put	16,000	65.0366	39.5534	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.92 Put	139,342	68.0326	41.5401	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.00 Put	15,434	81.0751	50.2850	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.05 Put	1,155	90.1305	56.4377	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.12 Put	138,000	104.0477	66.0053	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.15 Put	10,125	110.4732	70.4647	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.25 Put	225,407	133.9776	86.9859	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.33 Put	135,043	155.7340	102.1513	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.36 Put	134,750	164.8227	108.3105	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	197.6145	130.7914	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.50 Put	2,550	211.8197	140.6537	0.0000	0.0000	1,073	0.00
Mar 2019	ZAUS	13.55 Put	10,000	230.4596	153.7055	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.60 Put	6,570	250.0862	167.5969	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.62 Put	6,432	258.2151	173.8400	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.68 Put	14,200	283.5471	193.4519	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.70 Put	2,500	292.3088	200.2873	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.72 Put	10,000	301.2260	207.2726	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	314.8994	218.0335	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.79 Put	262,812	333.6786	232.9074	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.82 Put	1,800	348.1709	244.4604	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.85 Put	1,000	363.0147	256.3535	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	368.0389	260.3919	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.90 Put	720	388.5220	276.9299	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.95 Call	1,000	445.3808	0.0000	0.0000	0.0000	1,000	0.00
Mar 2019	ZAUS	14.00 Call	100	422.7749	606.7046	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Put	35,606	442.3749	320.9046	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.04 Put	7,100	465.7492	339.5394	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.20 Call	2,000	345.3043	505.7446	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.25 Call	750	328.0588	482.7541	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.28 Put	7,028	617.6959	463.5790	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	14.30 Call	250	311.6097	460.6335	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Put	3,000	631.2097	474.8335	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.35 Put	139,342	665.5324	504.1975	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.44 Put	7,000	729.1602	559.1434	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.45 Put	1,000	736.3725	565.4094	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.46 Call	6,332	264.0124	397.5071	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	258.5715	390.1993	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Call	225,780	253.2381	383.0132	0.0000	0.0000	1,073	0.00
Mar 2019	ZAUS	14.50 Put	10,050	772.8381	597.2132	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	795.0369	616.6666	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.56 Put	138,000	817.4679	636.3913	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.65 Put	10,000	886.0974	697.1400	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.74 Put	24,326	956.5589	760.1468	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.80 Call	2,000	184.8680	289.1366	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.81 Put	135,043	1012.5256	810.6232	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	1020.6035	817.9347	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.83 Put	10,010	1028.7015	825.2708	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.84 Put	134,750	1036.8194	832.6338	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.00 Call	1,260	149.6652	239.3895	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.04 Put	63,500	1203.0806	984.4852	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.10 Put	1,000	1254.2883	1031.4502	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.12 Put	99,824	1271.4816	1047.2686	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.13 Put	7,100	1280.1009	1055.2076	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	125.1250	202.9560	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.19 Put	41,300	1332.1232	1103.2458	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Put	2,500	1340.8433	1111.3188	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.22 Call	2,785	118.7249	193.3202	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.25 Call	1,500	115.0484	187.7583	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.32 Put	262,812	1446.5233	1209.5920	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.40 Call	2,000	98.3670	162.2576	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	93.1548	154.5593	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	92.1464	153.0629	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.50 Call	224,757	88.2226	147.2303	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.52 Call	1	86.3250	144.3996	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	84.4689	141.6245	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.66 Call	139,342	74.1577	126.0835	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.81 Call	10	63.0674	108.6604	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.83 Call	135,043	61.7233	106.4422	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.89 Call	4,145	57.8703	100.0499	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.00 Call	1,906	51.4459	89.3062	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.13 Call	138,000	44.8074	78.0852	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.18 Call	1,800	42.5014	74.1579	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	16.30 Call	10,000	37.4669	65.5256	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.38 Call	134,750	34.4672	60.3447	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.58 Call	10,000	28.0406	49.1482	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.60 Call	50	27.4732	48.1525	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.96 Call	12,600	18.0285	33.4094	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.97 Call	63,500	17.7819	33.0752	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.02 Call	262,812	16.5948	31.4533	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.08 Call	7,028	15.2691	29.6167	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.09 Call	99,824	15.0581	29.3223	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.10 Call	2,500	14.8498	29.0304	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.23 Call	41,300	12.3774	25.5433	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.30 Call	10,125	11.2124	23.8663	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.50 Call	16,000	8.4302	19.6957	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.00 Call	14,200	4.0631	12.3569	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.40 Call	7,100	2.1746	8.6451	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	5.9312	5.0568	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	66.9134	45.7555	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	134.4431	99.2876	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	186.9201	138.4623	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.00 Put	165,703	192.0672	142.3376	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	261.4611	198.9445	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.25 Put	1,282	264.6670	201.5879	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	505.5152	398.8636	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.88 Put	5,035	530.9551	420.9483	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.98 Call	1,000	735.2768	927.6861	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.00 Put	143,900	594.6470	476.6253	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.07 Put	39,589	633.4861	510.8224	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.20 Put	13,600	709.1100	577.6210	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.25 Put	1,282	739.4598	604.4288	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.42 Call	30	558.3974	720.6375	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	505.1785	657.0789	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.63 Put	8,203	988.1084	827.7942	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.65 Put	1,000	1002.0186	840.4695	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	434.7476	572.1049	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.10 Call	1,500	366.3361	486.9870	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.32 Call	1,980	320.8805	429.3963	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.50 Call	145,182	288.3378	387.6973	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.62 Call	5,035	267.9088	362.3650	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.64 Call	39,589	264.5640	358.3226	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	239.3565	327.7348	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.89 Call	6,800	226.3116	311.8212	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	222.1346	306.4761	0.0000	0.0000	0	0.00

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Jun 2019	ZAUS	16.00 Call	20	211.3984	292.4207	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	16.09 Call	6,800	199.9883	277.4153	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	17.96 Call	8,203	79.1919	105.1937	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	10.75 Put	1,000	9.9967	10.9768	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	12.50 Put	1,000	140.6360	100.7638	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	13.25 Put	3,900	356.0804	287.2584	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	13.91 Put	81,930	643.6122	535.0512	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	13.97 Put	800	675.3583	563.3587	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	14.09 Put	33,715	741.1008	622.2571	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	14.21 Put	2,700	809.7478	684.1464	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	14.33 Put	33,151	881.0948	748.9329	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.38 Put	5,000	1606.6658	1422.4381	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.56 Put	2,571	1746.7924	1554.8474	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	422.3167	533.2033	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.23 Call	800	236.4237	302.9419	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.64 Call	5,000	208.2444	260.4466	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.85 Call	2,700	195.9144	244.3289	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.93 Call	2,571	191.5457	238.6030	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	18.29 Call	81,930	173.8612	215.3703	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	18.47 Call	1,200	166.1006	205.1439	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	18.63 Call	33,715	158.3905	196.7382	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	19.32 Call	33,151	109.8149	153.1254	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	11.89 Put	1,000	67.6504	52.9420	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.66 Put	1,000	585.4588	499.7732	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	14.07 Put	1,351	790.1456	681.8322	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.85 Call	1,351	427.3742	523.1371	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.38 Call	1,000	357.9362	439.0475	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	153.9787	203.6161	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	11.91 Put	1,000	101.6618	83.8855	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	14.01 Put	1,000	808.9977	709.9089	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	17.73 Call	1,000	480.5348	565.8193	0.0000	0.0000	0	0.00		
			<u>4,959,849</u>					<u>3,146.00</u>	<u>0.00</u>	<u>63 913 484.00</u>	<u>0.00</u>
	Total		5,610,552					60,797.00	810,616,754.20	257 446 714.00	2 331 391 241 259.40
	Grand Total		6,882,159					63,153.00	888 562 940.20	351,920,344	3,238,223,108,561.23