



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 29-August-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Oct 2018	CC01	Future	25,000	560.1515	505.3692	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	16.8867	16.5575	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>
Option											
Aug 2019	DAEU	16.03 Put	31,200	307.6813	370.1326	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	16.24 Put	31,200	358.3427	437.9913	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	19.65 Call	62,400	841.1935	727.2075	0.0000	0.0000	0	0.00		
			<u>124,800</u>					<u>0.00</u>	<u>0.00</u>	<u>1 143 987.00</u>	<u>0.00</u>
		Total	124,834					0.00	0.00	1 945 247.00	11 964 751 196.80
Future											
Sep 2018	DAGB	Future	14	18.8413	18.2795	0.0000	0.0000	0	0.00		
Oct 2018	DAGB	Future	48	18.8978	18.3348	0.0000	0.0000	0	0.00		
			<u>62</u>					<u>0.00</u>	<u>0.00</u>	<u>53 817.00</u>	<u>883 082 673.80</u>
		Total	62					0.00	0.00	261 130.00	883 082 673.80
Future											
Aug 2018	DAUS	Future	3,299	14.4301	14.1255	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	197	14.4345	14.1282	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	300	14.4379	14.1310	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	2,569	14.4817	14.1784	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	55	14.4893	14.1859	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	235	14.5177	14.2140	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.5328	14.2290	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	14.5404	14.2365	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	3,847	14.5442	14.2402	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>		
Nov 2018	DAUS	Future	55	14.5461	14.2421	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.5690	14.2648	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	420	14.5748	14.2705	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	461	14.5996	14.2950	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	5,449	14.6015	14.2969	0.0000	0.0000	1,500	21,854,550.00		
Dec 2018	DAUS	Future	2,387	14.6605	14.3552	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.6643	14.3589	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.7176	14.4116	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	14.7195	14.4134	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.7443	14.4379	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	14.7728	14.4661	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	14.8243	14.5170	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.8358	14.5284	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	14.8892	14.5812	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	14.9484	14.6398	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	15.0094	14.6996	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	15.0705	14.7594	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	15.1338	14.8216	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	15.1962	14.8846	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	15.2565	14.9455	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	15.3230	15.0127	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.3875	15.0778	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.4478	15.1387	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	15.5122	15.2038	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.5767	15.2689	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.6328	15.3256	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	15.7035	15.3970	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.8200	15.5146	0.0000	0.0000	0	0.00		
			<u>117,233</u>					<u>1,500.00</u>	<u>21,854,550.00</u>	<u>10 564 855.00</u>	<u>128 954 699 235.10</u>
Option											
Aug 2018	DAUS	14.57 Call	2,500	31.0259	9.3949	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.59 Call	2,500	27.4917	8.5639	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.74 Call	2,500	11.3523	4.4177	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.74 Put	7,500	321.2523	619.0177	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.00 Put	500	0.0347	0.3844	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.65 Call	500	781.6731	488.6972	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	3.7207	26.0994	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.25 Put	250	41.7642	186.7263	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.42 Call	250	104.9095	30.5847	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	0.0954	0.1750	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	0.0477	0.0517	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.43 Put	10,000	2.4743	10.0594	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	13.44 Put	15,000	2.5775	10.4716	0.0000	0.0000	0	0.00
Sep 2018	DAUS	12.90 Put	100	0.7695	2.0846	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.09 Put	600	1.3330	3.6995	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.32 Call	600	1121.4842	819.6816	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.45 Call	100	992.7338	693.8222	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Call	100	652.3733	391.4136	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.90 Call	600	561.8985	318.3061	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.45 Call	20,000	178.2209	78.5928	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	5.8439	9.8127	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.48 Put	40,000	316.8447	0.0000	0.0000	0.0000	40,000	0.00
Sep 2018	DAUS	13.00 Put	500	6.8695	16.1220	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	767.0527	537.3597	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	68.6970	145.8700	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.25 Put	250	212.5892	359.2378	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.54 Call	250	303.3704	194.3267	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	28.0122	14.3454	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	10.4922	5.0983	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.20 Put	1,630	28.0371	58.3848	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.00 Call	1,630	715.8492	527.7102	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	25.5334	45.5264	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	146.7745	241.4753	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	802.0724	607.3307	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.25 Put	250	316.8030	461.7184	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.67 Call	250	420.0982	308.5386	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	87.1599	62.1089	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	54.6637	39.2190	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	6.7517	9.6311	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	175.2461	276.9950	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	75.4158	54.1711	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	1.9341	2.8093	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	7.0161	9.6073	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	1413.8656	1152.1953	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.72 Call	5,000	473.8986	356.5581	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.74 Call	5,000	466.6778	350.9271	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Call	5,000	415.9686	311.5713	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Put	15,000	731.1686	931.0713	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.84 Call	10,000	442.4882	333.0522	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.62 Call	20,400	540.4824	411.5929	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	52.9946	79.6161	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	205.9208	302.4646	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	832.4132	651.2106	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.25 Put	250	388.0383	526.5934	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	14.82 Call	250	494.5310	377.8557	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	141.1522	103.9674	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	96.8858	72.8287	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	177.9832	259.1259	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.86 Put	7,500	241.9312	346.1378	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.08 Call	7,500	449.4245	346.5303	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	304.8107	233.6925	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	91.7590	140.9116	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	109.7560	165.4287	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.66 Call	1,000	627.7699	494.1862	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.75 Call	1,000	593.2540	466.0459	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.00 Put	500	77.0465	107.6974	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	249.3680	347.1394	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.22 Call	500	862.1151	691.6497	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.25 Put	250	436.0947	573.3035	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.96 Put	250	849.7856	1039.2448	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	179.8786	138.2987	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	128.2430	104.6340	0.0000	0.0000	0	0.00
Jan 2019	DAUS	12.66 Put	263	57.0995	78.6876	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.00 Put	500	100.5207	136.2208	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.25 Put	250	479.4041	615.1707	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.38 Call	500	884.8718	723.8179	0.0000	0.0000	0	0.00
Jan 2019	DAUS	15.13 Call	250	592.6337	478.9218	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.00 Put	500	118.9629	160.3704	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.25 Put	250	512.8477	647.2284	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.52 Call	500	907.3535	752.6795	0.0000	0.0000	0	0.00
Feb 2019	DAUS	15.27 Call	250	630.5954	518.0098	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	134.0020	184.4782	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	542.3165	677.1081	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	928.2304	779.9630	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	663.3587	552.8098	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	150.9458	206.1553	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	1676.0516	1447.5361	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	570.3454	704.1244	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	948.5985	804.8625	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	694.1810	585.6170	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	163.9367	226.0399	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	595.3515	729.0023	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	966.8148	827.9016	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	721.2021	615.4433	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	173.5977	240.2907	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	250	615.8388	748.7919	0.0000	0.0000	0	0.00

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Jun 2019	DAUS	15.17 Call	500	982.1216	846.4025	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.96 Call	250	744.2852	639.7075	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.45 Put	39,250	309.1852	392.2148	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.44 Call	39,250	646.0421	552.7780	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	182.8600	254.2490	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	14.25 Put	250	639.4002	769.7047	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	1006.2833	872.9630	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.14 Call	250	775.0317	670.8567	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.48 Put	3,950	764.3671	907.4102	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.35 Call	3,950	754.0750	653.6372	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	187.4224	267.3484	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.25 Put	250	660.7832	787.8948	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	1020.2334	889.4967	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.33 Call	250	796.3964	692.9547	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	191.1401	270.7658	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.25 Put	250	682.7106	805.7769	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	1051.0909	922.3314	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.50 Call	250	831.5261	728.2238	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	204.9255	276.0066	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.25 Put	250	703.9737	823.9480	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	1073.1572	947.0283	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	16.70 Call	250	859.8371	757.2166	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	227.6320	293.9858	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.25 Put	250	722.3815	839.1906	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	1098.6271	974.1990	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.87 Call	250	888.7130	786.7454	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	245.9207	311.0182	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.25 Put	250	740.1716	855.3691	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	1124.4463	1001.8020	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.05 Call	250	920.4379	819.1389	0.0000	0.0000	0	0.00		
			<u>511,310</u>					<u>40,000.00</u>	<u>0.00</u>	<u>20 032 227.00</u>	<u>0.00</u>
		Total	628,543					41,500.00	21,854,550.00	30 597 082.00	128 954 699 235.10
Option											
Sep 2018	DAYJ	8.26 Call	25,000	32.3696	84.4487	0.0000	0.0000	0	0.00		
			<u>25,000</u>					<u>0.00</u>	<u>0.00</u>	<u>50 000.00</u>	<u>0.00</u>
		Total	25,000					0.00	0.00	50 000.00	0.00
Future											
Sep 2018	EUUS	Future	7,138	1.1702	1.1724	0.0000	0.0000	0	0.00		
			<u>7,138</u>					<u>0.00</u>	<u>0.00</u>	<u>736 947.00</u>	<u>8 357 883 861.00</u>

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Total			7,138					0.00	0.00	736 947.00	8 357 883 861.00
Future											
Sep 2018	GBUS	Future	25	1.3003	1.2886	0.0000	0.0000	0	0.00		
			25					0.00	0.00	167 364.00	2 153 117 002.00
Total			25					0.00	0.00	167 364.00	2 153 117 002.00
Future											
Sep 2018	ZAAD	Future	10,927	10.5354	10.3993	10.5392	10.5392	150	1,580,880.00		
Dec 2018	ZAAD	Future	12,069	10.6641	10.5279	0.0000	0.0000	0	0.00		
Mar 2019	ZAAD	Future	515	10.8043	10.6672	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	10.9406	10.8025	0.0000	0.0000	0	0.00		
			28,440					150.00	1,580,880.00	3 690 481.00	32 059 720 354.40
Total			28,440					150.00	1,580,880.00	3 722 858.00	32 059 720 354.40
Future											
Dec 2018	ZACA	Future	595	11.3181	11.1150	0.0000	0.0000	0	0.00		
			595					0.00	0.00	137 638.00	1 354 875 987.10
Total			595					0.00	0.00	137 638.00	1 354 875 987.10
Future											
Sep 2018	ZADK	Future	245	2.2794	2.2349	0.0000	0.0000	0	0.00		
Dec 2018	ZADK	Future	240	2.3248	2.2797	0.0000	0.0000	0	0.00		
			485					0.00	0.00	12 090.00	260 091 854.00
Total			485					0.00	0.00	12 090.00	260 091 854.00
Future											
Sep 2018	ZAEU	Future	97,876	16.9183	16.5949	16.9191	16.8249	105	1,773,106.70		
Dec 2018	ZAEU	Future	37,778	17.2396	16.9097	17.1704	17.1704	3	51,511.20		
Mar 2019	ZAEU	Future	4,716	17.5953	17.2598	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	17.9351	17.5947	0.0000	0.0000	0	0.00		
			145,626					108.00	1,824,617.90	15 234 103.00	217 915 315 082.60
Option											
Sep 2018	ZAEU	13.50 Put	29,734	0.0391	0.0860	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	57,090	0.3382	0.7609	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	14.2229	30.3565	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	359.5363	207.9634	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	3.2276	1.6110	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	16.00 Call	650	1828.0661	1569.2439	0.0000	0.0000	0	0.00		
			290,856					0.00	0.00	8 025 012.00	0.00
Total			436,482					108.00	1,824,617.90	23 259 115.00	217 915 315 082.60

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Sep 2018	ZAFR	Future	1,875	14.8669	14.5191	0.0000	0.0000	0	0.00
Dec 2018	ZAFR	Future	765	15.1642	14.8085	0.0000	0.0000	0	0.00
Jun 2019	ZAFR	Future	150	15.8083	15.4422	0.0000	0.0000	0	0.00
			<u>2,790</u>					<u>0.00</u>	<u>0.00</u>
		Total	2,790					0.00	0.00
									616 850.00
									6 610 548 121.80
Future									
Sep 2018	ZAGB	Future	197,796	18.7993	18.2397	18.8100	18.5551	70	1,286,577.20
Dec 2018	ZAGB	Future	205,443	19.0974	18.5298	19.0515	18.8710	278	5,250,673.00
Mar 2019	ZAGB	Future	4,932	19.4229	18.8483	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	6,156	19.7315	19.1491	0.0000	0.0000	0	0.00
Sep 2019	ZAGB	Future	4,645	20.0749	19.4829	0.0000	0.0000	0	0.00
			<u>418,972</u>					<u>348.00</u>	<u>6,537,250.20</u>
									12 177 604.00
									205 480 216 379.90
Option									
Mar 2019	ZAGB	18.00 Put	500	388.5888	554.3892	0.0000	0.0000	0	0.00
Mar 2019	ZAGB	21.44 Call	500	451.7847	326.8911	0.0000	0.0000	0	0.00
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>
		Total	419,972					348.00	6,537,250.20
									13 952 717.00
									205 480 216 379.90
Future									
Sep 2018	ZAJY	Future	6,873	0.1296	0.1275	0.0000	0.0000	0	0.00
			<u>6,873</u>					<u>0.00</u>	<u>0.00</u>
		Total	6,873					0.00	0.00
									1 001 040.00
									11 183 195 529.30
Future									
Sep 2018	ZAKS	Future	562	0.1432	0.1402	0.0000	0.0000	0	0.00
Jun 2019	ZAKS	Future	1,628	0.1418	0.1388	0.0000	0.0000	0	0.00
			<u>2,190</u>					<u>0.00</u>	<u>0.00</u>
		Total	2,190					0.00	0.00
									36 428.00
									491 517 260.00
Future									
Sep 2018	ZATR	Future	5,270	2.2323	2.2471	0.0000	0.0000	0	0.00
			<u>5,270</u>					<u>0.00</u>	<u>0.00</u>
		Total	5,270					0.00	0.00
									341 969.00
									1 134 767 971.00
Future									
Sep 2018	ZAUM	Future	340	14.4573	14.1541	0.0000	0.0000	0	0.00
Dec 2018	ZAUM	Future	80	14.6282	14.3232	0.0000	0.0000	8	11,620,000.00
Mar 2019	ZAUM	Future	5	14.8072	14.5001	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			425					8.00	11,620,000.00	152 460.00	176 005 671 050.00
	Total		425					8.00	11,620,000.00	156 983.00	176 005 671 050.00

Future

Sep 2018	ZAUS	Future	477,194	14.4573	14.1541	14.5300	14.3240	53,830	773,791,494.30		
Dec 2018	ZAUS	Future	269,270	14.6282	14.3232	14.6900	14.5140	10,669	156,220,972.60		
Mar 2019	ZAUS	Future	90,015	14.8072	14.5001	14.7650	14.7650	174,005	2,561,980,225.00		
Jun 2019	ZAUS	Future	20,510	14.9760	14.6668	15.0000	15.0000	10	149,950.00		
Sep 2019	ZAUS	Future	10,138	15.1629	14.8510	0.0000	0.0000	0	0.00		
			867,127					238,514.00	3,492,142,641.90	182 310 343.00	2 166 843 340 327.00

Option

Sep 2018	ZAUS	11.48 Put	5,200	0.0512	0.1061	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.50 Put	45,000	0.0521	0.1130	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.60 Put	2,000	0.0637	0.1553	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	93,314	0.1025	0.2492	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.85 Put	48,200	0.1405	0.3410	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.90 Put	3,000	0.1644	0.3986	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.00 Put	13,300	0.2248	0.5441	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.25 Call	500	2207.7886	1905.2761	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.25 Put	40,000	0.4886	1.1761	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.30 Put	100	0.5701	1.3703	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.38 Put	60,000	0.7290	1.7482	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Call	4,600	1958.3520	1656.6130	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Put	44,000	1.0520	2.5130	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.58 Put	8,000	1.3416	3.1953	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	13,231	1.4692	3.4951	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	1.6581	3.9379	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.77 Call	5,200	1689.6786	1389.6108	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.80 Call	50	1659.9019	1359.9460	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.80 Put	500	2.6019	5.8460	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	3.0205	6.4577	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.00 Call	7,500	1462.0089	1162.8796	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.00 Put	70,000	4.7089	8.7796	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.10 Put	2,500	5.8759	10.8568	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.20 Call	4,000	1264.6581	967.6123	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.20 Put	4,500	7.3581	13.5123	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.22 Put	10,000	7.7004	14.1281	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Call	1,250	1215.5465	919.2123	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Put	74,064	8.2465	15.1123	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.30 Call	500	1166.5520	871.0307	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.50 Call	500	972.1140	684.5529	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.60 Call	26,000	876.1632	600.9314	0.0000	0.0000	0	0.00		

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Sep 2018	ZAUS	13.60 Put	4,000	18.8632	46.8314	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	828.6178	561.1455	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Call	60,000	531.2463	327.0650	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	22,000	73.9463	172.9650	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.20 Call	500	395.0709	231.2284	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.50 Call	500	240.7241	136.2848	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.70 Call	63,000	171.2361	95.2925	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Call	4,000	101.5711	54.5480	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Put	50	644.2711	900.4480	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	15.8382	8.0407	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	13.8130	6.9934	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	11.3697	5.7359	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	8.5093	4.2727	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	9.5208	13.2142	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	228,616	10.9208	15.4609	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	13.7237	19.1146	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	15.9486	21.9906	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	16.4324	22.6135	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	18.5049	25.2737	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	21.4365	29.0177	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	23.0582	31.0810	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	27.8196	37.1144	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	228,616	2161.2036	1866.8505	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	33.0036	43.6505	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	39.6121	51.9484	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	42.4616	55.5180	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	46.7661	60.9046	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.95 Put	500	61.3521	84.6740	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	1693.7909	1416.3383	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	177,520	65.5909	93.1383	0.0000	0.0000	38,250	0.00
Dec 2018	ZAUS	13.05 Put	1,500	70.0947	102.1962	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	74.8760	111.8702	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	1513.5476	1256.3310	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	88.6360	137.6978	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	1471.9376	1217.9509	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	17,800	93.7376	144.7509	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.32 Put	13,650	106.4599	162.1671	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.33 Put	135,000	108.3716	164.7669	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Call	500	1311.4637	1071.3721	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	133.2637	198.1721	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	228,616	1272.9226	1036.5219	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	30,500	144.7226	213.3219	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	13.60 Put	66,000	169.6329	245.8541	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	197.2844	284.0727	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.71 Put	30	200.2019	288.0730	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.75 Put	700	212.1629	304.3973	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	1069.6328	860.1785	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	224.5810	321.2364	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	1055.9580	848.7264	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Put	400	227.7580	325.5264	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	958.5403	766.8740	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	20,400	928.5591	741.1542	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Put	72,750	300.3591	417.9542	0.0000	0.0000	38,250	0.00
Dec 2018	ZAUS	14.10 Put	1,867	342.7555	468.7970	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.12 Put	4,372	351.6123	479.3257	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	854.2873	677.8344	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.15 Put	236,970	365.1271	495.3399	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.16 Put	36,200	369.6947	500.7365	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Call	1,000	816.4664	645.8130	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Put	13,650	388.2664	522.6130	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.24 Put	24,570	407.3287	544.9454	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.25 Call	1,000	790.3707	623.8002	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.25 Put	700	412.1707	550.6002	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	750.1741	590.3250	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Put	31,047	451.9741	597.1250	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Call	500	740.4231	582.3513	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Put	4,428	462.2231	609.1513	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.38 Call	30	726.0125	570.5892	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	697.9703	547.7780	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Call	700	670.9485	525.8947	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Put	1,000	542.7485	702.6947	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	84,900	628.1182	491.4051	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Put	500	599.9182	768.2051	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	623.9809	488.0890	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	619.8732	484.7964	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Call	5,000	599.8659	468.6738	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Put	3,000	641.6659	815.4738	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	588.2995	459.2735	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	569.5293	444.0508	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Call	400	551.3785	429.3665	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Put	135,000	723.1785	906.1665	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	537.2943	417.9921	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	10,100	484.6446	375.6793	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	481.5445	373.2139	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	15.09 Call	500	457.4878	354.1468	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.10 Call	500	454.5758	351.8400	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	440.3078	340.5672	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.20 Put	50	998.3310	1206.5047	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.37 Call	4,372	383.1610	295.6535	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.46 Call	1,867	362.1874	279.2947	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	357.7014	275.8056	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	4,500	353.2789	272.3681	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.51 Call	24,570	351.0940	270.6697	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.59 Call	31,047	334.1416	257.5208	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.61 Call	4,428	330.0524	254.3533	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	312.3565	240.6694	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.73 Call	135,000	306.7089	236.3082	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.85 Call	20,300	285.2799	218.6909	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.91 Call	121,970	275.2345	210.3386	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	50	260.9527	198.4758	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.11 Call	38,250	244.5845	0.0000	0.0000	0.0000	38,250	0.00
Dec 2018	ZAUS	16.14 Call	10,000	240.0327	181.5083	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.56 Call	13,650	185.4094	139.8501	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.00 Call	3,700	143.0221	0.0000	0.0000	0.0000	7,400	0.00
Mar 2019	ZAUS	10.33 Put	1,000	6.3767	7.5272	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	15.7623	23.8726	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	56.6209	84.8049	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.51 Put	720	60.6068	90.0522	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.90 Put	16,000	111.4720	154.7467	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.92 Put	139,342	114.7263	0.0000	0.0000	0.0000	278,684	0.00
Mar 2019	ZAUS	13.00 Put	14,028	128.4361	175.6684	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	232.3919	307.3142	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	323.1134	416.1253	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	362.5086	464.5474	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.90 Put	720	377.5158	483.4781	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Put	16,000	416.6375	532.5124	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.28 Put	7,028	546.1922	682.3039	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	500	1063.4741	893.7791	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.35 Put	139,342	581.8735	0.0000	0.0000	0.0000	139,342	0.00
Mar 2019	ZAUS	14.44 Put	7,000	629.3876	775.7033	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	978.2838	819.9896	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	678.6969	830.4510	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	849.0796	1016.6930	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	783.9201	652.1039	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	712.0283	591.0474	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	627.5015	520.2216	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Mar 2019	ZAUS	15.46 Call	108	624.7035	517.8941	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.54 Call	721	602.8470	499.7260	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.66 Call	139,342	571.9988	0.0000	0.0000	0.0000	278,684	0.00		
Mar 2019	ZAUS	15.89 Call	4,145	518.1199	428.9765	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	16.60 Call	50	383.8768	313.4503	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	17.08 Call	7,028	314.2481	256.2595	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	17.09 Call	7,000	312.9718	255.2133	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	17.50 Call	16,000	265.8264	219.1183	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	10.69 Put	1,000	18.1682	19.0777	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	48.1106	82.9303	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.75 Put	1,000	114.4432	170.1165	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.98 Put	911	162.4856	228.9382	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.24 Put	30,000	230.5097	308.1578	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.83 Put	25,000	428.3394	527.7106	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.88 Put	6,250	447.5995	549.5216	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.98 Call	1,000	1483.6106	1284.3762	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.42 Call	30	1248.7962	1082.9359	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.58 Call	1,000	1176.1973	1018.7110	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.82 Call	30,000	1076.1428	928.6149	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.55 Call	25,000	822.7253	705.0752	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.62 Call	6,250	802.2040	687.4045	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.80 Call	1,000	752.3400	644.4783	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.92 Call	911	721.4011	617.7567	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	10.75 Put	1,000	27.4788	29.0927	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	12.50 Put	1,000	83.2952	127.4609	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	13.97 Put	800	548.4006	656.2711	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.55 Call	30,000	1055.4932	923.6694	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	957.7760	837.7291	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.23 Call	800	651.7607	567.6026	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	11.89 Put	1,000	66.2015	68.9269	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.66 Put	1,000	471.0398	568.1935	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.38 Call	1,000	816.2151	724.4874	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	529.9422	450.0723	0.0000	0.0000	0	0.00		
			<u>4,530,621</u>					<u>818,860.00</u>	<u>0.00</u>	<u>54 534 545.00</u>	<u>0.00</u>
	Total		5,397,748					1,057,374.00	3,492,142,641.90	236 844 888.00	2 166 843 340 327.00
	Grand Total		7,111,872					1,099,488.00	3 535 559 940.00	323,203,624	3,014,385,718,772.12