



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 19-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Apr 2018	DAEU	Future	16	14.7866	14.7934	0.0000	0.0000	0	0.00
May 2018	DAEU	Future	41	14.8603	14.8648	0.0000	0.0000	0	0.00
			<u>57</u>					<i>0.00</i>	<i>0.00</i>
		Total	57					0.00	0.00
									<i>790 883.00</i>
									<i>11 804 363 950.70</i>
Future									
Apr 2018	DAGB	Future	9	17.0033	17.0080	0.0000	0.0000	0	0.00
May 2018	DAGB	Future	11	17.0499	17.0519	0.0000	0.0000	0	0.00
			<u>20</u>					<i>0.00</i>	<i>0.00</i>
		Total	20					0.00	0.00
									<i>53 724.00</i>
									<i>881 424 413.00</i>
Future									
Apr 2018	DAUS	Future	20,000	11.9471	11.9292	0.0000	0.0000	1,000	11,958,300.00
Apr 2018	DAUS	Future	70	11.9437	11.9342	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,846	11.9463	11.9377	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	396	11.9514	11.9446	0.0000	0.0000	4	47,844.00
May 2018	DAUS	Future	46,000	11.9629	11.9560	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	11.9700	11.9625	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.0038	11.9943	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,790	12.0485	12.0389	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.0531	12.0434	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.0803	12.0708	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.0863	12.0767	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.0878	12.0782	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.0908	12.0812	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,303	12.0967	12.0872	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.1159	12.1066	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,666	12.1426	12.1335	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	12.1840	12.1753	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.2239	12.2155	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>		
Oct 2018	DAUS	Future	225	12.2297	12.2213	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.2326	12.2242	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.2514	12.2430	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.3839	12.3759	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.4433	12.4359	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.2286	13.2224	0.0000	0.0000	0	0.00		
			<u>167,781</u>					<u>1,004.00</u>	<u>12,006,144.00</u>	<u>9 265 756.00</u>	<u>112 335 953 684.40</u>

Option

Apr 2018	DAUS	12.03 Put	20,000	89.6407	112.3274	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	3055.0620	3064.0769	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.0764	0.1075	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	18.9000	23.7493	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	27.5823	33.9596	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	31.2094	38.1386	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	47.5334	56.4655	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	134.8008	137.4963	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	108.4060	112.1571	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	90.3986	94.8406	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	140.2493	151.9555	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	36.4508	40.9964	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	34.3564	38.8161	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1848.6292	1855.4409	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.1883	0.1858	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.2615	0.2557	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	6.5544	8.2401	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	195.1419	196.0363	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	4.5923	5.7529	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	24.3405	26.7203	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	94.2031	98.9471	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	59.8167	64.8087	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	777.2421	785.3979	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1893.6795	1900.8228	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.2247	0.1495	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	780.8073	790.6252	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2524.6681	2532.7054	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.0803	0.0354	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	0.9273	1.2420	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	40.3603	46.4348	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	62.3982	68.4707	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	157.1007	170.8078	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1797.4856	1807.3987	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.6079	0.7871	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	15.89 Call	500	0.3256	0.4383	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.80 Call	1,746	31.3192	34.7914	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	1759.2801	1770.0598	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	1.6267	1.8582	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	0.6279	0.7348	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	268.0598	279.9074	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	15.8836	17.6100	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	11.9894	13.4171	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	2370.0233	2380.8413	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	1.6165	1.7460	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1728.9019	1740.5080	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	1.9594	2.1834	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	0.7239	0.8251	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	455.1791	467.3213	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1781.1853	1792.7837	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	1.0125	1.1534	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1707.1222	1718.7375	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	1.9252	2.1229	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	0.7137	0.8031	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1689.7581	1701.3296	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	2.1123	2.2316	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	0.7820	0.8365	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1673.5688	1684.6976	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	5.2960	7.6463	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	2.3918	3.6785	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	287.7747	297.4633	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1725.3183	1736.7436	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	4.2284	5.3093	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	40.8402	45.0033	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	204.3927	212.9699	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	205.1979	208.3342	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1663.2642	1674.1720	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	10.9064	12.2019	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	5.3067	6.0608	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1529.7047	1540.7316	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	35.7910	37.4351	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1652.6502	1662.7696	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	15.1839	15.6944	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	7.6772	7.9904	0.0000	0.0000	0	0.00		
			<u>575,126</u>					<u>0.00</u>	<u>0.00</u>	<u>18 196 394.00</u>	<u>0.00</u>
	Total		742,907					1,004.00	12,006,144.00	27 462 150.00	112 335 953 684.40

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Option										
May 2018	DAYJ	8.94 Call	100,000	1117.1114	1129.6076	0.0000	0.0000	0	0.00	
Jun 2018	DAYJ	8.34 Put	110,000	674.0057	757.0171	0.0000	0.0000	0	0.00	
			<u>210,000</u>					0.00	0.00	200 000.00
		Total	210,000					0.00	0.00	200 000.00
Future										
Jun 2018	EUUS	Future	190	1.2416	1.2429	0.0000	0.0000	0	0.00	
			<u>190</u>					0.00	0.00	703 628.00
		Total	190					0.00	0.00	7 967 376 542.00
Future										
Sep 2018	JYZA	Future	283	8.7341	8.7277	0.0000	0.0000	0	0.00	
			<u>283</u>					0.00	0.00	18 783.00
		Total								186 145 988.86
Option										
Jun 2018	JYZA	8.89 Put	1,200	2003.4482	2108.3060	0.0000	0.0000	0	0.00	
			<u>1,200</u>					0.00	0.00	25 800.00
		Total	1,483					0.00	0.00	44 583.00
Future										
Jun 2018	ZAAD	Future	12,044	9.3533	9.3665	0.0000	0.0000	0	0.00	
Sep 2018	ZAAD	Future	850	9.4645	9.4791	0.0000	0.0000	0	0.00	
Dec 2018	ZAAD	Future	11,312	9.5731	9.5880	0.0000	0.0000	0	0.00	
			<u>24,206</u>					0.00	0.00	3 605 702.00
		Total	24,206					0.00	0.00	31 217 778 105.30
Future										
Jun 2018	ZACA	Future	1,510	9.5524	9.5568	0.0000	0.0000	0	0.00	
			<u>1,510</u>					0.00	0.00	131 173.00
		Total	1,510					0.00	0.00	1 288 725 767.10
Future										
Jun 2018	ZAEU	Future	116,826	14.9383	14.9423	14.9817	14.9427	2,716	40,624,311.10	
Sep 2018	ZAEU	Future	57,137	15.2172	15.2225	15.2175	15.2175	250	3,804,375.00	
Dec 2018	ZAEU	Future	5,049	15.4923	15.4981	15.5097	15.5021	500	7,752,950.00	
Mar 2019	ZAEU	Future	2,625	15.7979	15.8046	0.0000	0.0000	0	0.00	
Jun 2019	ZAEU	Future	5,256	16.0606	16.0678	0.0000	0.0000	0	0.00	
			<u>186,893</u>					3,466.00	52,181,636.10	14 446 916.00
		Total								205 629 034 003.80
Option										
Jun 2018	ZAEU	13.50 Put	29,734	7.4369	8.1561	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	12.0111	13.2662	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Jun 2018	ZAEU	13.97 Put	6,460	18.7586	20.7668	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.25 Put	29,734	37.2259	40.6713	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.30 Call	10,000	683.0698	690.7484	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.40 Call	10,000	601.5411	609.6069	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.00 Call	3,000	233.2300	240.4512	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	50,995	461.4412	463.9961	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.63 Call	29,734	74.0993	79.0610	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.00 Call	3,000	32.9343	37.8294	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.44 Put	6,460	1512.9494	1512.6983	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	6,460	1.5737	1.6672	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	50,995	0.2830	0.2892	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	13.50 Put	29,734	15.5416	16.3863	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,824	89.1534	91.3700	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	880.1858	879.4793	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	102.2684	105.2092	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	13.4774	13.3114	0.0000	0.0000	0	0.00
			<u>607,507</u>					<i>0.00</i>	<i>0.00</i>
		Total	794,400					3,466.00	52,181,636.10
									22 364 185.00
									205 629 034 003.80
Future									
Jun 2018	ZAFR	Future	1,215	12.4587	12.4913	0.0000	0.0000	0	0.00
			<u>1,215</u>					<i>0.00</i>	<i>0.00</i>
		Total	1,215					0.00	0.00
									609 303.00
									6 506 705 521.30
Future									
Jun 2018	ZAGB	Future	428,272	17.1510	17.1515	17.1846	17.1050	212,896	3,648,734,000.60
Sep 2018	ZAGB	Future	18,494	17.4152	17.4173	0.0000	0.0000	0	0.00
Dec 2018	ZAGB	Future	5,393	17.6705	17.6742	0.0000	0.0000	0	0.00
Mar 2019	ZAGB	Future	3,129	17.9470	17.9527	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	5,465	18.2177	18.2254	0.0000	0.0000	0	0.00
			<u>460,753</u>					<i>212,896.00</i>	<i>3,648,734,000.60</i>
									10 708 409.00
									179 308 503 747.80
Option									
Jun 2018	ZAGB	17.50 Put	500	572.6673	582.0996	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	3.6113	4.0370	0.0000	0.0000	0	0.00
			<u>1,000</u>					<i>0.00</i>	<i>0.00</i>
		Total	461,753					212,896.00	3,648,734,000.60
									12 482 522.00
									179 308 503 747.80
Future									
Jun 2018	ZAJY	Future	8,296	0.1125	0.1125	0.0000	0.0000	0	0.00
			<u>8,296</u>					<i>0.00</i>	<i>0.00</i>
		Total	8,296					0.00	0.00
									978 643.00
									10 906 872 238.10

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jun 2018	ZAKS	Future	1,145	0.1188	0.1182	0.0000	0.0000	0	0.00
Sep 2018	ZAKS	Future	562	0.1176	0.1184	0.0000	0.0000	0	0.00
			<u>1,707</u>					<u>0.00</u>	<u>0.00</u>
		Total	1,707					0.00	0.00
									31 923.00 432 652 210.00
Future									
Jun 2018	ZATR	Future	12,120	2.9361	2.9371	0.0000	0.0000	0	0.00
			<u>12,120</u>					<u>0.00</u>	<u>0.00</u>
		Total	12,120					0.00	0.00
									250 309.00 896 989 419.50
Future									
Jun 2018	ZAUM	Future	415	12.0317	12.0221	12.0548	12.0187	10	12,033,640.00
Sep 2018	ZAUM	Future	50	12.1678	12.1589	0.0000	0.0000	0	0.00
Dec 2018	ZAUM	Future	28	12.2963	12.2879	0.0000	0.0000	0	0.00
			<u>493</u>					<u>10.00</u>	<u>12,033,640.00</u>
		Total	493					10.00	12,033,640.00
									149 375.00 171 959 755 680.00
Future									
Jun 2018	ZAUS	Future	1,146,281	12.0317	12.0221	12.0634	12.0187	272,417	3,279,393,211.00
Sep 2018	ZAUS	Future	56,865	12.1678	12.1589	0.0000	0.0000	700	8,524,390.00
Dec 2018	ZAUS	Future	21,674	12.2963	12.2879	12.3306	12.3005	13	160,147.30
Mar 2019	ZAUS	Future	2,623	12.4306	12.4230	12.4518	12.4502	108	1,344,859.20
Jun 2019	ZAUS	Future	3,087	12.5654	12.5581	0.0000	0.0000	0	0.00
			<u>1,230,530</u>					<u>273,238.00</u>	<u>3,289,422,607.50</u>
									171 628 528.00 2 022 966 158 617.40
Option									
Jun 2018	ZAUS	11.00 Put	60,750	7.8994	9.5433	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.20 Put	2,550	15.2548	17.8749	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.35 Call	10,000	706.3978	700.4115	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.45 Call	10,000	615.5193	612.3697	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	40,216	41.7413	48.8124	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.60 Put	12,000	61.6442	69.8782	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.70 Call	60	419.3261	418.9531	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.75 Put	60,000	103.1048	112.7443	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.77 Put	76,000	109.7812	119.5710	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.80 Put	1,500	120.3265	130.3183	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.90 Put	9,500	160.1596	170.6615	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Call	3,000	238.9808	240.1434	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	39,050	207.2808	218.0434	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	239.3530	252.2417	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	275.6080	288.8585	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Jun 2018	ZAUS	12.14 Put	155,500	288.2280	301.5768	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Call	500	176.3339	180.1301	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	294.6339	308.0301	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	362.0742	375.7998	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	129.6392	133.8483	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	397.9392	411.7483	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	473.4704	487.3179	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	94.6479	98.8580	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	10,050	85.1427	89.2876	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	553.4427	567.1876	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	767.8873	781.0157	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	959.3541	972.0591	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	28.4069	31.4156	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	996.7069	1009.3156	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	1043.7169	1056.2018	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1157.7824	1169.9648	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1186.5353	1198.6420	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	1282.7964	1294.3588	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	12.8621	14.6567	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1438.1846	1449.2513	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1457.7227	1468.7356	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1477.2824	1488.2432	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1614.7295	1625.3703	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1723.2494	1733.6882	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1772.6964	1783.0560	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1782.5937	1792.9382	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1802.3954	1812.7108	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1812.2999	1822.6010	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1871.7726	1881.9940	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	2.7472	3.2546	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1971.0472	1981.1546	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	2070.4775	2080.4910	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2219.8426	2229.7461	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.9848	1.3047	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.9991	1.2951	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	1.0108	1.2953	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	1.0600	1.3159	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.0660	1.3194	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.0829	1.3300	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	1.1010	1.3423	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.1332	1.3655	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.1519	1.3796	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Jun 2018	ZAUS	15.53 Call	965	1.1602	1.3860	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.8800	0.9293	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.3820	0.4073	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.2291	0.2458	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.2135	0.2292	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.1767	0.1902	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.1646	0.1773	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.1206	0.1304	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.0625	0.0681	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.0513	0.0561	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0304	0.0334	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0197	0.0218	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	109.8504	117.3548	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	114.9086	122.5089	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	143.0307	151.1976	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	193.8493	202.9644	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	233.2590	242.9082	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	254.6318	0.0000	0.0000	0.0000	3,000	0.00
Sep 2018	ZAUS	12.00 Put	13,300	300.6968	310.9958	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	355.0621	357.3201	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	468.4160	479.7463	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	269.9648	272.9018	0.0000	0.0000	3,000	0.00
Sep 2018	ZAUS	12.61 Put	5,300	681.3784	693.3850	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	711.0779	723.1300	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	200.5766	203.8267	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	194.0440	197.3140	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	865.8379	878.0345	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	118.8417	122.0608	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1201.0417	1213.1608	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	112.6616	115.8461	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	89.8196	92.8543	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	75.5733	78.4670	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	2.8391	3.0406	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	2.5062	2.6892	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	2.0940	2.2533	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	1.5941	1.7228	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	210.1035	218.6665	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	434.9070	437.5204	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	291.2721	294.1379	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,000	249.1118	251.9535	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	155.2286	157.7191	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	65.6917	67.3707	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>
Dec 2018	ZAUS	15.95 Call	2,000	31.8475	33.3457	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	26.8548	29.1417	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	289.7048	297.5543	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	426.0788	435.9491	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	328.0395	329.6840	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	171.5610	172.1219	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	47.1789	46.3582	0.0000	0.0000	0	0.00
			<u>1,699,206</u>					<u>6,000.00</u>	<u>0.00</u>
		Total	2,929,736					279,238.00	3,289,422,607.50
									<u>47 461 677.00</u>
									<u>0.00</u>
									<u>219 090 205.00</u>
									<u>2 022 966 158 617.40</u>

Grand Total	5,190,093					496,614.00	7 014 378 028.20	298,733,794	2,809,167,615,371.08
--------------------	------------------	--	--	--	--	-------------------	-------------------------	--------------------	-----------------------------