



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 20-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Apr 2018	DAEU	Future	16	14.8597	14.7866	0.0000	0.0000	0	0.00
May 2018	DAEU	Future	41	14.9322	14.8603	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	16.9759	17.0033	0.0000	0.0000	0	0.00
May 2018	DAGB	Future	11	17.0217	17.0499	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	0	12.0695	11.9471	0.0000	0.0000	20,000	241,390,000.00
Apr 2018	DAUS	Future	70	12.0961	11.9437	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,846	12.0976	11.9463	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	437	12.1036	11.9514	0.0000	0.0000	41	493,344.80
May 2018	DAUS	Future	46,000	12.1151	11.9629	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.1221	11.9700	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	30,000	12.1396	11.9928	0.0000	0.0000	45,000	544,732,500.00
May 2018	DAUS	Future	30,000	12.1414	12.0470	0.0000	0.0000	45,000	544,858,500.00
May 2018	DAUS	Future	181	12.1558	12.0038	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,790	12.2012	12.0485	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.2057	12.0531	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.2329	12.0803	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.2389	12.0863	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.2404	12.0878	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.2435	12.0908	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,303	12.2495	12.0967	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.2691	12.1159	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,666	12.2963	12.1426	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Sep 2018	DAUS	Future	1,295	12.3385	12.1840	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.3792	12.2239	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.3851	12.2297	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.3881	12.2326	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.4072	12.2514	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.5419	12.3839	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.6028	12.4433	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.3836	13.2286	0.0000	0.0000	0	0.00		
			<u>207,822</u>					<u>110,041.00</u>	<u>1,331,474,344.80</u>	<u>9 375 797.00</u>	<u>113 667 428 029.20</u>

Option

Apr 2018	DAUS	15.00 Put	1,000	2903.8375	3055.0620	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.1016	0.0764	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	6.8638	18.9000	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	10.3157	27.5823	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	11.7968	31.2094	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	18.7156	47.5334	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	254.8974	134.8008	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	221.0675	108.4060	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	196.7105	90.3986	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	59.9610	140.2493	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	87.0794	36.4508	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	82.6592	34.3564	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1696.4417	1848.6292	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.1438	0.1883	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.3489	0.2615	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	2.3579	6.5544	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	323.6801	195.1419	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	11.9287	4.5923	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	55.5588	24.3405	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	182.1693	94.2031	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	120.0052	59.8167	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	628.1981	777.2421	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1741.5313	1893.6795	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.2819	0.2247	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	634.3043	780.8073	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2372.6682	2524.6681	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.1437	0.0803	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	0.5814	0.9273	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	16.2642	40.3603	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	110.5334	62.3982	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	89.1613	157.1007	0.0000	0.0000	0	0.00
May 2018	DAUS	11.95 Call	30,000	265.0371	0.0000	0.0000	0.0000	30,000	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	12.00 Call	30,000	237.0685	0.0000	0.0000	0.0000	30,000	0.00
May 2018	DAUS	13.80 Put	1,000	1646.2559	1797.4856	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.5008	0.6079	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.4827	0.3256	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	48.2087	31.3192	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1610.6174	1759.2801	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	1.6437	1.6267	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.9900	0.6279	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	195.8799	268.0598	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	23.4064	15.8836	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	17.8376	11.9894	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2219.4715	2370.0233	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.6398	1.6165	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1584.8273	1728.9019	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	2.6930	1.9594	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	1.1888	0.7239	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	361.7432	455.1791	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1637.0426	1781.1853	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	1.6203	1.0125	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1566.5849	1707.1222	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	3.0729	1.9252	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	1.1942	0.7137	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1552.1431	1689.7581	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	3.4302	2.1123	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	1.3383	0.7820	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1538.7509	1673.5688	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	5.7137	5.2960	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	2.5360	2.3918	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	228.3941	287.7747	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1590.0155	1725.3183	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	4.8293	4.2284	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	31.4871	40.8402	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	159.6974	204.3927	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	239.9130	205.1979	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1531.9861	1663.2642	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	13.0746	10.9064	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	6.4001	5.3067	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	1401.9420	1529.7047	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	40.5542	35.7910	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1524.5881	1652.6502	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	18.3976	15.1839	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	9.3974	7.6772	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			615,126					60,000.00	0.00	18 256 394.00	0.00
		Total	822,948					170,041.00	1,331,474,344.80	27 632 191.00	113 667 428 029.20
Option											
	May 2018	DAYJ	8.94 Call	100,000	672.8369	1117.1114	0.0000	0.0000	0	0.00	
	Jun 2018	DAYJ	8.34 Put	110,000	794.3805	674.0057	0.0000	0.0000	0	0.00	
			210,000					0.00	0.00	200 000.00	0.00
		Total	210,000					0.00	0.00	200 000.00	0.00
Future											
	Jun 2018	EUUS	Future	190	1.2320	1.2416	0.0000	0.0000	0	0.00	
			190					0.00	0.00	703 628.00	7 967 376 542.00
		Total	190					0.00	0.00	703 628.00	7 967 376 542.00
Future											
	Sep 2018	JYZA	Future	283	8.6559	8.7341	0.0000	0.0000	0	0.00	
			283					0.00	0.00	18 783.00	186 145 988.86
Option											
	Jun 2018	JYZA	8.89 Put	1,200	2325.4907	2003.4482	0.0000	0.0000	0	0.00	
			1,200					0.00	0.00	25 800.00	0.00
		Total	1,483					0.00	0.00	44 583.00	186 145 988.86
Future											
	Jun 2018	ZAAD	Future	12,044	9.3419	9.3533	0.0000	0.0000	0	0.00	
	Sep 2018	ZAAD	Future	850	9.4534	9.4645	0.0000	0.0000	0	0.00	
	Dec 2018	ZAAD	Future	11,312	9.5629	9.5731	0.0000	0.0000	0	0.00	
			24,206					0.00	0.00	3 605 702.00	31 217 778 105.30
		Total	24,206					0.00	0.00	3 638 079.00	31 217 778 105.30
Future											
	Jun 2018	ZACA	Future	1,510	9.5856	9.5524	0.0000	0.0000	0	0.00	
			1,510					0.00	0.00	131 173.00	1 288 725 767.10
		Total	1,510					0.00	0.00	131 173.00	1 288 725 767.10
Future											
	Jun 2018	ZAEU	Future	113,815	15.0114	14.9383	15.0222	14.9660	3,638	54,590,973.00	
	Sep 2018	ZAEU	Future	57,137	15.2918	15.2172	15.2557	15.2557	500	7,627,850.00	
	Dec 2018	ZAEU	Future	5,049	15.5690	15.4923	0.0000	0.0000	0	0.00	
	Mar 2019	ZAEU	Future	2,625	15.8782	15.7979	0.0000	0.0000	0	0.00	
	Jun 2019	ZAEU	Future	5,256	16.1406	16.0606	0.0000	0.0000	0	0.00	
			183,882					4,138.00	62,218,823.00	14 451 054.00	205 691 252 826.80

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Option										
Jun 2018	ZAEU	13.50 Put	29,734	6.4833	7.4369	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	10.2357	12.0111	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	6,460	15.6920	18.7586	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.25 Put	29,734	28.0810	37.2259	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.30 Call	10,000	745.5669	683.0698	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.40 Call	10,000	660.7405	601.5411	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.00 Call	3,000	264.6720	233.2300	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	409.7793	461.4412	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.63 Call	29,734	85.1273	74.0993	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.00 Call	3,000	39.3119	32.9343	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1442.7292	1512.9494	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	1.5739	1.5737	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	0.3090	0.2830	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	14.6639	15.5416	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,824	75.6359	89.1534	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	823.5856	880.1858	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	110.5521	102.2684	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	13.8563	13.4774	0.0000	0.0000	0	0.00	
			<u>607,507</u>					<u>0.00</u>	<u>0.00</u>	<u>7 917 269.00</u>
	Total		791,389					4,138.00	62,218,823.00	22 368 323.00
										205 691 252 826.80
Future										
Jun 2018	ZAFR	Future	1,215	12.5616	12.4587	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>609 303.00</u>
	Total		1,215					0.00	0.00	6 506 705 521.30
Future										
Jun 2018	ZAGB	Future	429,628	17.1237	17.1510	17.0750	17.0244	1,827	31,206,634.60	
Sep 2018	ZAGB	Future	18,494	17.3907	17.4152	0.0000	0.0000	0	0.00	
Dec 2018	ZAGB	Future	5,393	17.6491	17.6705	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	3,129	17.9292	17.9470	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.2011	18.2177	0.0000	0.0000	0	0.00	
			<u>462,109</u>					<u>1,827.00</u>	<u>31,206,634.60</u>	<u>10 710 236.00</u>
										<u>179 339 710 382.40</u>
Option										
Jun 2018	ZAGB	17.50 Put	500	593.5114	572.6673	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	3.3780	3.6113	0.0000	0.0000	0	0.00	
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1 774 113.00</u>
	Total		463,109					1,827.00	31,206,634.60	12 484 349.00
										179 339 710 382.40
Future										
Jun 2018	ZAJY	Future	8,296	0.1135	0.1125	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
			8,296					0.00	0.00	978 643.00	10 906 872 238.10
		Total	8,296					0.00	0.00	978 643.00	10 906 872 238.10
Future											
	Jun 2018 ZAKS	Future	1,145	0.1208	0.1188	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1195	0.1176	0.0000	0.0000	0	0.00		
			1,707					0.00	0.00	31 923.00	432 652 210.00
		Total	1,707					0.00	0.00	31 923.00	432 652 210.00
Future											
	Jun 2018 ZATR	Future	12,120	2.9438	2.9361	0.0000	0.0000	0	0.00		
			12,120					0.00	0.00	250 309.00	896 989 419.50
		Total	12,120					0.00	0.00	250 309.00	896 989 419.50
Future											
	Jun 2018 ZAUM	Future	415	12.1841	12.0317	12.1372	12.1072	10	12,120,200.00		
	Sep 2018 ZAUM	Future	50	12.3219	12.1678	0.0000	0.0000	0	0.00		
	Dec 2018 ZAUM	Future	10	12.4527	12.2963	0.0000	0.0000	18	22,305,600.00		
			475					28.00	34,425,800.00	149 403.00	171 994 181 480.00
		Total	475					28.00	34,425,800.00	153 926.00	171 994 181 480.00
Future											
	Jun 2018 ZAUS	Future	1,145,162	12.1841	12.0317	12.2000	12.0766	72,555	879,598,685.80		
	Sep 2018 ZAUS	Future	56,877	12.3219	12.1678	12.3299	12.2157	26	319,641.60		
	Dec 2018 ZAUS	Future	21,679	12.4527	12.2963	12.3765	12.3765	5	61,882.50		
	Mar 2019 ZAUS	Future	2,623	12.5897	12.4306	0.0000	0.0000	0	0.00		
	Jun 2019 ZAUS	Future	3,087	12.7243	12.5654	0.0000	0.0000	0	0.00		
			1,229,428					72,586.00	879,980,209.90	171 701 114.00	2 023 846 138 827.30
Option											
	Jun 2018 ZAUS	11.00 Put	60,750	4.5454	7.8994	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.20 Put	2,550	9.2179	15.2548	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.35 Call	10,000	849.5125	706.3978	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.45 Call	10,000	755.6194	615.5193	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.50 Put	40,216	25.3538	41.7413	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.60 Put	12,000	34.9794	61.6442	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.70 Call	60	536.5622	419.3261	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.75 Put	60,000	63.2855	103.1048	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.77 Put	76,000	68.0352	109.7812	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.80 Put	1,500	75.6258	120.3265	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.90 Put	9,500	105.1775	160.1596	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	12.00 Call	3,000	325.7209	238.9808	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	12.00 Put	39,050	141.6209	207.2808	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	166.9127	239.3530	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	194.7958	275.6080	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	204.6657	288.2280	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Call	500	243.8076	176.3339	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	209.7076	294.6339	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	265.5830	362.0742	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	180.9519	129.6392	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	296.8519	397.9392	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	364.0068	473.4704	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	133.8083	94.6479	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	10,050	120.8017	85.1427	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	436.7017	553.4427	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	637.8331	767.8873	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	821.6206	959.3541	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	41.8889	28.4069	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	857.7889	996.7069	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	903.4452	1043.7169	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1014.7737	1157.7824	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1042.9423	1186.5353	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	1137.6483	1282.7964	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	19.5124	12.8621	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1291.1129	1438.1846	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1310.4143	1457.7227	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1329.7475	1477.2824	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1465.8627	1614.7295	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1573.5938	1723.2494	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1622.7426	1772.6964	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1632.5841	1782.5937	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1652.2785	1802.3954	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1662.1309	1812.2999	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1721.3157	1871.7726	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	4.2911	2.7472	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1820.1911	1971.0472	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1919.3046	2070.4775	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2068.3136	2219.8426	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	1.2856	0.9848	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.9904	0.9991	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.9974	1.0108	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	1.0342	1.0600	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.0391	1.0660	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.0530	1.0829	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	15.30 Call	24,500	1.0682	1.1010	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.0958	1.1332	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.1119	1.1519	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	1.1192	1.1602	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.1890	0.8800	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.6130	0.3820	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.3738	0.2291	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.3491	0.2135	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.2907	0.1767	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.2713	0.1646	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.2007	0.1206	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1061	0.0625	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.0876	0.0513	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0527	0.0304	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0347	0.0197	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	78.0183	109.8504	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	82.0022	114.9086	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	104.1197	143.0307	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	144.9744	193.8493	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	177.9613	233.2590	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	196.0925	254.6318	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	235.6644	300.6968	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	425.6751	355.0621	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	380.6057	468.4160	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	324.8740	269.9648	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	576.5896	681.3784	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	604.3721	711.0779	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	242.6276	200.5766	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	234.8830	194.0440	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	750.6279	865.8379	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	144.3219	118.8417	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1072.4219	1201.0417	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	136.8042	112.6616	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	110.6962	89.8196	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	93.7138	75.5733	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	4.4878	2.8391	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	4.0025	2.5062	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	3.3754	2.0940	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	2.6059	1.5941	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	167.4224	210.1035	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	500.6404	434.9070	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	336.7602	291.2721	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	13.20 Call	7,000	288.0602	249.1118	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	13.80 Call	2,764	181.6940	155.2286	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	14.89 Call	1,000	76.5566	65.6917	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	15.95 Call	2,000	35.7021	31.8475	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	10.33 Put	1,000	19.2134	26.8548	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	11.74 Put	1,000	243.6228	289.7048	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.06 Put	4,145	363.0141	426.0788	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.45 Call	4,145	370.3203	328.0395	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.48 Call	1,000	196.1856	171.5610	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	54.6446	47.1789	0.0000	0.0000	0	0.00	
			<u>1,699,206</u>					<u>0.00</u>	<u>0.00</u>	<u>47 461 677.00</u>
		Total	<u>2,928,634</u>					<u>72,586.00</u>	<u>879,980,209.90</u>	<u>219 162 791.00</u>
										<u>0.00</u>
										<u>2 023 846 138 827.30</u>

Grand Total	5,267,359					248,620.00	2 339 305 812.30	298,982,414	2,811,506,921,183.38
--------------------	------------------	--	--	--	--	-------------------	-------------------------	--------------------	-----------------------------
