



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 23-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Apr 2018	DAEU	Future	16	15.0245	14.8597	0.0000	0.0000	0	0.00
May 2018	DAEU	Future	41	15.0996	14.9322	0.0000	0.0000	0	0.00
			<u>57</u>					<i>0.00</i>	<i>0.00</i>
		<b>Total</b>	<b>57</b>					<b>0.00</b>	<b>0.00</b>
									<i>790 883.00</i>
									<i>11 804 363 950.70</i>
									<i>11 804 363 950.70</i>
<b>Future</b>									
Apr 2018	DAGB	Future	9	17.1362	16.9759	0.0000	0.0000	0	0.00
May 2018	DAGB	Future	11	17.1830	17.0217	0.0000	0.0000	0	0.00
			<u>20</u>					<i>0.00</i>	<i>0.00</i>
		<b>Total</b>	<b>20</b>					<b>0.00</b>	<b>0.00</b>
									<i>53 724.00</i>
									<i>881 424 413.00</i>
									<i>881 424 413.00</i>
<b>Future</b>									
Apr 2018	DAUS	Future	70	12.2751	12.0961	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,846	12.2751	12.0976	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	437	12.2806	12.1036	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	46,000	12.2916	12.1151	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.2991	12.1221	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	20,600	12.3177	12.1396	0.0000	0.0000	127,000	1,554,551,700.00
May 2018	DAUS	Future	30,000	12.3196	12.1414	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.3348	12.1558	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,790	12.3812	12.2012	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.3858	12.2057	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.4136	12.2329	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.4197	12.2389	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.4213	12.2404	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.4244	12.2435	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,303	12.4307	12.2495	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.4509	12.2691	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,666	12.4790	12.2963	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	12.5228	12.3385	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	70	12.5649	12.3792	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.5709	12.3851	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.5740	12.3881	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.5936	12.4072	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.7319	12.5419	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.7937	12.6028	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.5643	13.3836	0.0000	0.0000	0	0.00		
			<u>198,422</u>					<u>127,000.00</u>	<u>1,554,551,700.00</u>	<u>9 502 797.00</u>	<u>115 221 979 729.20</u>

Option

Apr 2018	DAUS	15.00 Put	1,000	2724.9001	2903.8375	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.0000	0.1016	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	1.7939	6.8638	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	2.7975	10.3157	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	3.2402	11.7968	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	5.3881	18.7156	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	416.8191	254.8974	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	378.8617	221.0675	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	350.7941	196.7105	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	20.1176	59.9610	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	210.2954	87.0794	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	202.2369	82.6592	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1519.4305	1696.4417	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.0665	0.1438	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.1935	0.3489	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	0.6688	2.3579	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	488.7165	323.6801	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	32.4909	11.9287	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	129.8300	55.5588	0.0000	0.0000	20,000	0.00
May 2018	DAUS	12.40 Call	35,311	66.1568	0.0000	0.0000	0.0000	35,311	0.00
May 2018	DAUS	12.00 Call	100,000	321.4433	182.1693	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	241.9175	120.0052	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	464.2117	628.1981	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1564.9144	1741.5313	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.1894	0.2819	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	475.5327	634.3043	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2195.4353	2372.6682	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.1350	0.1437	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	0.1382	0.5814	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	5.9962	16.2642	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	206.2177	110.5334	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	43.3816	89.1613	0.0000	0.0000	0	0.00
May 2018	DAUS	11.95 Call	30,000	403.6171	265.0371	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	12.00 Call	30,000	368.4607	237.0685	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1469.7013	1646.2559	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.5335	0.5008	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.6548	0.4827	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	84.1218	48.2087	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1441.1540	1610.6174	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	1.8015	1.6437	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.7665	0.9900	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	136.2470	195.8799	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	40.5048	23.4064	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	31.9808	17.8376	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2046.0299	2219.4715	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.8893	2.6398	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1422.0520	1584.8273	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	3.7036	2.6930	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	2.0544	1.1888	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	277.6141	361.7432	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1474.1041	1637.0426	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	2.7735	1.6203	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1409.7542	1566.5849	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	4.8992	3.0729	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	2.0798	1.1942	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1400.0526	1552.1431	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	5.1817	3.4302	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	2.0931	1.3383	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1391.7643	1538.7509	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	15.1147	5.7137	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	7.6941	2.5360	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	179.7703	228.3941	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1442.1271	1590.0155	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	10.8128	4.8293	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	27.2828	31.4871	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	124.9463	159.6974	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	298.8823	239.9130	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1387.5123	1531.9861	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	22.8229	13.0746	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	11.9804	6.4001	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	1261.1517	1401.9420	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	54.6107	40.5542	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1382.1260	1524.5881	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	28.1110	18.3976	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	15.0699	9.3974	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			650,437					55,311.00	0.00	18 311 705.00	0.00
		<b>Total</b>	<b>848,859</b>					<b>182,311.00</b>	<b>1,554,551,700.00</b>	27 814 502.00	115 221 979 729.20
<b>Option</b>											
	May 2018	DAYJ	8.94 Call	100,000	338.5992	672.8369	0.0000	0.0000	0	0.00	
	Jun 2018	DAYJ	8.34 Put	110,000	850.9992	794.3805	0.0000	0.0000	0	0.00	
			210,000					0.00	0.00	200 000.00	0.00
		<b>Total</b>	<b>210,000</b>					<b>0.00</b>	<b>0.00</b>	200 000.00	0.00
<b>Future</b>											
	Jun 2018	EUUS	Future	190	1.2278	1.2320	0.0000	0.0000	0	0.00	
			190					0.00	0.00	703 628.00	7 967 376 542.00
		<b>Total</b>	<b>190</b>					<b>0.00</b>	<b>0.00</b>	703 628.00	7 967 376 542.00
<b>Future</b>											
	Sep 2018	JYZA	Future	283	8.5866	8.6559	0.0000	0.0000	0	0.00	
			283					0.00	0.00	18 783.00	186 145 988.86
<b>Option</b>											
	Jun 2018	JYZA	8.89 Put	1,200	2619.8484	2325.4907	0.0000	0.0000	0	0.00	
			1,200					0.00	0.00	25 800.00	0.00
		<b>Total</b>	<b>1,483</b>					<b>0.00</b>	<b>0.00</b>	44 583.00	186 145 988.86
<b>Future</b>											
	Jun 2018	ZAAD	Future	12,044	9.4266	9.3419	9.4395	9.4203	400	3,772,915.40	
	Sep 2018	ZAAD	Future	850	9.5405	9.4534	0.0000	0.0000	0	0.00	
	Dec 2018	ZAAD	Future	11,312	9.6518	9.5629	0.0000	0.0000	0	0.00	
			24,206					400.00	3,772,915.40	3 606 102.00	31 221 551 020.70
		<b>Total</b>	<b>24,206</b>					<b>400.00</b>	<b>3,772,915.40</b>	3 638 479.00	31 221 551 020.70
<b>Future</b>											
	Jun 2018	ZACA	Future	1,500	9.6515	9.5856	9.6500	9.6500	10	96,500.00	
			1,500					10.00	96,500.00	131 183.00	1 288 822 267.10
		<b>Total</b>	<b>1,500</b>					<b>10.00</b>	<b>96,500.00</b>	131 183.00	1 288 822 267.10
<b>Future</b>											
	Jun 2018	ZAEU	Future	118,865	15.1807	15.0114	15.1970	15.1228	7,324	111,031,631.40	
	Sep 2018	ZAEU	Future	57,482	15.4670	15.2918	15.4942	15.4432	2,000	30,941,535.80	
	Dec 2018	ZAEU	Future	5,299	15.7502	15.5690	15.7118	15.7118	250	3,927,950.00	
	Mar 2019	ZAEU	Future	2,625	16.0642	15.8782	0.0000	0.0000	0	0.00	
	Jun 2019	ZAEU	Future	5,256	16.3259	16.1406	0.0000	0.0000	0	0.00	
			189,527					9,574.00	145,901,117.20	14 460 628.00	205 837 153 944.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
<b>Option</b>										
Jun 2018	ZAEU	13.50 Put	29,734	4.0860	6.4833	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	7.8984	10.2357	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	6,460	12.8258	15.6920	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.25 Put	29,734	24.0799	28.0810	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.30 Call	10,000	907.6814	745.5669	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.40 Call	10,000	814.6064	660.7405	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.00 Call	3,000	369.1222	264.6720	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	315.1211	409.7793	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.63 Call	29,734	129.6034	85.1273	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.00 Call	3,000	66.9876	39.3119	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1286.0683	1442.7292	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	1.7646	1.5739	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	0.5749	0.3090	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	13.3233	14.6639	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,824	54.6822	75.6359	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	716.0086	823.5856	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	144.6828	110.5521	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	15.7523	13.8563	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>
	<b>Total</b>		<b>797,034</b>					<b>9,574.00</b>	<b>145,901,117.20</b>	<b>22 377 897.00</b>
										<b>205 837 153 944.00</b>
<b>Future</b>										
Jun 2018	ZAFR	Future	1,215	12.7061	12.5616	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>609 303.00</u>
	<b>Total</b>		<b>1,215</b>					<b>0.00</b>	<b>0.00</b>	<b>6 506 705 521.30</b>
<b>Future</b>										
Jun 2018	ZAGB	Future	442,325	17.2886	17.1237	17.3141	17.2436	13,462	232,966,134.00	
Sep 2018	ZAGB	Future	18,494	17.5612	17.3907	17.6117	17.5940	1,000	17,602,409.00	
Dec 2018	ZAGB	Future	4,345	17.8251	17.6491	0.0000	0.0000	1,348	24,061,800.00	
Mar 2019	ZAGB	Future	3,129	18.1103	17.9292	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.3790	18.2011	0.0000	0.0000	0	0.00	
			<u>473,758</u>					<u>15,810.00</u>	<u>274,630,343.00</u>	<u>10 726 046.00</u>
	<b>Total</b>		<b>474,758</b>					<b>15,810.00</b>	<b>274,630,343.00</b>	<b>179 614 340 725.40</b>
<b>Option</b>										
Jun 2018	ZAGB	17.50 Put	500	491.1214	593.5114	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	4.6323	3.3780	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>
	<b>Total</b>		<b>474,758</b>					<b>15,810.00</b>	<b>274,630,343.00</b>	<b>12 500 159.00</b>
										<b>179 614 340 725.40</b>
<b>Future</b>										
Jun 2018	ZAJY	Future	8,296	0.1144	0.1135	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
		<b>Total</b>	<b>8,296</b>					<b>0.00</b>	<b>0.00</b>	978 643.00	10 906 872 238.10
<b>Future</b>											
	Jun 2018 ZAKS	Future	1,145	0.1226	0.1208	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1207	0.1195	0.0000	0.0000	0	0.00		
			1,707					0.00	0.00	31 923.00	432 652 210.00
		<b>Total</b>	<b>1,707</b>					<b>0.00</b>	<b>0.00</b>	31 923.00	432 652 210.00
<b>Future</b>											
	Jun 2018 ZATR	Future	12,120	2.9616	2.9438	0.0000	0.0000	0	0.00		
			12,120					0.00	0.00	250 309.00	896 989 419.50
		<b>Total</b>	<b>12,120</b>					<b>0.00</b>	<b>0.00</b>	250 309.00	896 989 419.50
<b>Future</b>											
	Jun 2018 ZAUM	Future	415	12.3638	12.1841	12.3485	12.3264	25	30,839,950.00		
	Sep 2018 ZAUM	Future	52	12.5056	12.3219	12.4654	12.4654	2	2,493,080.00		
	Dec 2018 ZAUM	Future	10	12.6405	12.4527	0.0000	0.0000	0	0.00		
			477					27.00	33,333,030.00	149 430.00	172 027 514 510.00
		<b>Total</b>	<b>477</b>					<b>27.00</b>	<b>33,333,030.00</b>	153 953.00	172 027 514 510.00
<b>Future</b>											
	Jun 2018 ZAUS	Future	1,193,255	12.3638	12.1841	12.3800	12.2351	66,992	824,435,520.90		
	Sep 2018 ZAUS	Future	56,978	12.5056	12.3219	12.5200	12.3721	591	7,367,858.40		
	Dec 2018 ZAUS	Future	21,689	12.6405	12.4527	12.6078	12.6078	10	126,078.00		
	Mar 2019 ZAUS	Future	2,623	12.7805	12.5897	0.0000	0.0000	0	0.00		
	Jun 2019 ZAUS	Future	3,087	12.9132	12.7243	0.0000	0.0000	0	0.00		
			1,277,632					67,593.00	831,929,457.30	171 768 707.00	2 024 678 068 284.60
<b>Option</b>											
	Jun 2018 ZAUS	11.00 Put	60,750	3.3482	4.5454	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.20 Put	2,550	6.4350	9.2179	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.35 Call	10,000	1024.3090	849.5125	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.45 Call	10,000	928.2839	755.6194	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.50 Put	40,216	16.9695	25.3538	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.60 Put	12,000	23.1897	34.9794	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.70 Call	60	695.2873	536.5622	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.75 Put	60,000	36.6024	63.2855	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.77 Put	76,000	39.6975	68.0352	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.80 Put	5,500	44.7053	75.6258	0.0000	0.0000	4,000	0.00		
	Jun 2018 ZAUS	11.90 Put	9,500	64.7992	105.1775	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	12.00 Call	3,000	454.4615	325.7209	0.0000	0.0000	2,000	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>
Jun 2018	ZAUS	12.00 Put	29,050	90.6615	141.6209	0.0000	0.0000	20,000	0.00
Jun 2018	ZAUS	12.06 Put	150	109.1895	166.9127	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	130.0855	194.7958	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	137.5892	204.6657	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Call	500	355.2429	243.8076	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	141.4429	209.7076	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.23 Call	3,000	308.5303	0.0000	0.0000	0.0000	6,000	0.00
Jun 2018	ZAUS	12.25 Call	40,000	297.5380	199.6830	0.0000	0.0000	40,000	0.00
Jun 2018	ZAUS	12.25 Put	12,415	183.7380	265.5830	0.0000	0.0000	10,000	0.00
Jun 2018	ZAUS	12.30 Call	4,000	271.2523	180.9519	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	207.4523	296.8519	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	261.5744	364.0068	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	205.6952	133.8083	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	10,050	187.5500	120.8017	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	323.7500	436.7017	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	503.1497	637.8331	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	674.2665	821.6206	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	72.0884	41.8889	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	708.2884	857.7889	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	751.4441	903.4452	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	857.5348	1014.7737	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	884.5480	1042.9423	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	975.8026	1137.6483	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	35.8520	19.5124	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1125.0326	1291.1129	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1143.9174	1310.4143	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1162.8469	1329.7475	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1296.1974	1465.8627	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1401.7391	1573.5938	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1450.0462	1622.7426	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1459.7301	1632.5841	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1479.1183	1652.2785	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1488.8224	1662.1309	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1547.1821	1721.3157	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	8.7004	4.2911	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1644.9004	1820.1911	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1743.0868	1919.3046	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1891.0454	2068.3136	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	2.5126	1.2856	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	1.6502	0.9904	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	1.3360	0.9974	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	1.3033	1.0342	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	15.14 Call	2,700	1.3022	1.0391	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.3007	1.0530	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	1.3015	1.0682	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.3070	1.0958	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.3121	1.1119	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	1.3147	1.1192	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.3468	1.1890	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	1.1068	0.6130	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.6911	0.3738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.6476	0.3491	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.5440	0.2907	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.5094	0.2713	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.3822	0.2007	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.2081	0.1061	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1733	0.0876	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.1066	0.0527	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0715	0.0347	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	56.0146	78.0183	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	59.0184	82.0022	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	75.8712	104.1197	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	107.3552	144.9744	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	132.8623	177.9613	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	147.0528	196.0925	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	179.7684	235.6644	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	535.7623	425.6751	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	303.4308	380.6057	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.48 Put	250	395.7726	0.0000	0.0000	0.0000	250	0.00
Sep 2018	ZAUS	12.50 Call	4,600	412.4386	324.8740	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	473.0216	576.5896	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	498.2077	604.3721	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	312.7352	242.6276	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	303.2166	234.8830	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	632.3902	750.6279	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	190.7600	144.3219	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	935.1600	1072.4219	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	181.1652	136.8042	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	147.6050	110.6962	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	126.8427	93.7138	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	7.1723	4.4878	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	6.4068	4.0025	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	5.4447	3.3754	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	4.2536	2.6059	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	11.64 Put	2,764	132.7140	167.4224	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Call	150	601.5263	500.6404	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.00 Call	6,000	409.3404	336.7602	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.20 Call	7,000	351.5833	288.0602	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.80 Call	2,764	225.9060	181.6940	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.89 Call	1,000	98.5881	76.5566	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.95 Call	2,000	48.1983	35.7021	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	10.33 Put	1,000	13.6894	19.2134	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	201.3265	243.6228	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.06 Put	4,145	303.4472	363.0141	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.76 Put	250	642.4347	0.0000	0.0000	0.0000	500	0.00		
Mar 2019	ZAUS	13.45 Call	4,145	433.5823	370.3203	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.48 Call	1,000	235.6923	196.1856	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	65.8367	54.6446	0.0000	0.0000	0	0.00		
			<u>1,746,706</u>					<u>82,750.00</u>	<u>0.00</u>	<u>47 544 427.00</u>	<u>0.00</u>
	<b>Total</b>		<b><u>3,024,338</u></b>					<b><u>150,343.00</u></b>	<b><u>831,929,457.30</u></b>	<b><u>219 313 134.00</u></b>	<b><u>2 024 678 068 284.60</u></b>

<b>Grand Total</b>	<b><u>5,406,260</u></b>			<b><u>358,475.00</u></b>	<b><u>2 844 215 062.90</u></b>	<b><u>299,340,889</u></b>	<b><u>2,814,351,136,246.28</u></b>
--------------------	-------------------------	--	--	--------------------------	--------------------------------	---------------------------	------------------------------------