



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 23-March-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Mar 2018	CAHB	Future	5,000	0.0035	0.1440	0.0000	0.0000	0	0.00		
			<u>5,000</u>					<u>0.00</u>	<u>0.00</u>	<u>5 000.00</u>	<u>0.50</u>
		Total	5,000					0.00	0.00	5 000.00	0.50
Future											
Mar 2018	CAHC	Future	5,000	0.0002	0.0275	0.0000	0.0000	0	0.00		
			<u>5,000</u>					<u>0.00</u>	<u>0.00</u>	<u>250.00</u>	<u>0.03</u>
		Total	5,000					0.00	0.00	250.00	0.03
Future											
Mar 2018	CAHE	Future	5,000	0.2033	8.1345	0.0000	0.0000	0	0.00		
			<u>5,000</u>					<u>0.00</u>	<u>0.00</u>	<u>250.00</u>	<u>146 250.00</u>
		Total	5,000					0.00	0.00	250.00	146 250.00
Future											
Mar 2018	DAAD	Future	46	9.1155	9.1405	0.0000	0.0000	0	0.00		
			<u>46</u>					<u>0.00</u>	<u>0.00</u>	<u>77 174.00</u>	<u>731 286 510.60</u>
		Total	46					0.00	0.00	146 174.00	731 286 510.60
Future											
Mar 2018	DAEU	Future	3	14.5424	14.5926	0.0000	0.0000	0	0.00		
Apr 2018	DAEU	Future	107	14.5815	14.6324	0.0000	0.0000	0	0.00		
Apr 2018	DAEU	Future	16	14.6438	14.6931	0.0000	0.0000	0	0.00		
May 2018	DAEU	Future	41	14.7122	14.7619	0.0000	0.0000	0	0.00		
			<u>167</u>					<u>0.00</u>	<u>0.00</u>	<u>790 549.00</u>	<u>11 799 435 790.90</u>
		Total	167					0.00	0.00	1 737 336.00	11 799 435 790.90
Future											
Apr 2018	DAGB	Future	9	16.7846	16.8154	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
May 2018	DAGB	Future	11	16.8271	16.8547	0.0000	0.0000	11	185,401.70		
			20					11.00	185,401.70	53 724.00	881 424 413.00
		Total	20					11.00	185,401.70	261 037.00	881 424 413.00

Future

Mar 2018	DAUS	Future	51,000	11.7818	11.8553	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	50,000	11.7817	11.8534	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	11,709	11.7831	11.8549	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	20,000	11.7943	11.8677	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	54	11.8115	11.8844	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	1,551	11.8132	11.8861	0.0000	0.0000	743	8,820,896.00		
Apr 2018	DAUS	Future	70	11.8253	11.8978	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	1,846	11.8287	11.9011	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	506	11.8356	11.9074	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	11.8526	11.9246	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	11.8833	11.9558	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	1,790	11.9262	11.9991	0.0000	0.0000	165	1,981,650.00		
Jul 2018	DAUS	Future	100	11.9307	12.0036	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	11.9577	12.0307	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	11.9637	12.0367	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	11.9652	12.0382	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	11.9683	12.0412	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	11.9743	12.0473	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	11.9938	12.0668	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,766	12.0208	12.0939	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.0629	12.1360	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.1034	12.1765	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.1093	12.1825	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.1123	12.1854	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.1318	12.2049	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.2680	12.3416	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.1195	13.1957	0.0000	0.0000	0	0.00		
			232,441					908.00	10,802,546.00	8 443 565.00	102 525 152 411.10

Option

Mar 2018	DAUS	12.08 Call	50,000	2.3124	12.2849	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	12.50 Call	20,000	0.5767	1.0131	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	11.66 Call	50,000	155.3862	216.8710	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	11.85 Call	50,000	48.6301	81.8694	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	12.00 Call	5,000	18.9709	33.9291	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	11.73 Put	252	63.5006	44.2015	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	11.76 Put	546	75.1862	52.4649	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	11.83 Call	252	64.9649	101.8486	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Mar 2018	DAUS	11.87 Call	546	52.0729	81.5256	0.0000	0.0000	0	0.00
Mar 2018	DAUS	11.96 Call	60,000	31.1489	50.1211	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.00 Call	4,000	0.0482	0.1500	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.61 Call	120,000	238.0567	295.2221	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.00 Call	100,000	52.7308	70.1094	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.05 Call	20,000	42.0222	56.3007	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	3173.3926	3100.8793	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.1360	0.1624	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	135.7681	104.2062	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	162.5486	0.0000	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	172.1283	135.5335	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	185.3159	0.0000	0.0000	0.0000	202	0.00
Apr 2018	DAUS	11.91 Call	100	169.2643	195.4280	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	108.2952	125.4287	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1965.7656	1894.0990	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.7994	0.7498	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.4574	0.5010	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	71.1240	51.2526	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	225.2200	259.0762	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	43.7536	50.6167	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	159.0415	181.0481	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	923.3774	855.7938	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	2012.8796	1941.0906	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.8154	0.7832	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	931.9157	864.5014	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2644.2477	2571.8605	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.7114	0.8296	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	11.0442	8.9978	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	162.7995	130.4519	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	125.2575	140.1416	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	330.7668	280.8675	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1925.3587	1853.5835	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	2.2789	2.1530	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.9398	1.0765	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1899.8311	1830.3779	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	2.9351	2.5778	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.2070	1.0168	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	430.1303	382.8807	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	41.3175	45.5033	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	34.6094	38.2937	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2507.6703	2436.9306	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.4450	2.3508	0.0000	0.0000	0	0.00

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Jul 2018	DAUS	13.80 Put	1,000	1877.9773	1808.6505	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	3.3901	3.2749	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	1.4257	1.3457	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	621.9807	567.8343	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1929.9736	1860.5387	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	2.1754	1.9599	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1860.1220	1791.1477	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	3.8281	5.2517	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	1.6507	2.3550	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1845.9086	1777.6240	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	10.6107	12.2014	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	5.3469	6.2182	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1833.5832	1767.4168	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	17.9099	20.3016	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	10.0346	11.4850	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	423.8723	384.3724	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1884.7271	1818.5102	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	13.7719	15.6367	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	85.9330	74.6451	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	321.9428	289.4826	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	253.6106	264.9356	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1823.6714	1759.7783	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	22.7220	26.1755	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	12.7025	14.8307	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1691.5594	1629.5669	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	61.0956	64.9133	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1814.1483	1752.2544	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	27.1774	31.0603	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	15.3758	17.7994	0.0000	0.0000	0	0.00		
			<u>912,920</u>					<u>202.00</u>	<u>0.00</u>	<u>17 842 065.00</u>	<u>0.00</u>
		Total	1,145,361					1,110.00	10,802,546.00	26 285 630.00	102 525 152 411.10
Future											
Jun 2018	EUUS	Future	190	1.2417	1.2384	0.0000	0.0000	0	0.00		
			<u>190</u>					<u>0.00</u>	<u>0.00</u>	<u>703 628.00</u>	<u>7 967 376 542.00</u>
		Total	190					0.00	0.00	703 628.00	7 967 376 542.00
Future											
Sep 2018	JYZA	Future	283	8.6200	8.5934	0.0000	0.0000	0	0.00		
			<u>283</u>					<u>0.00</u>	<u>0.00</u>	<u>18 783.00</u>	<u>186 145 988.86</u>
Option											
Jun 2018	JYZA	8.89 Put	1,200	3151.1345	3277.0701	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			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	9,675	9.2168	9.2421	9.2079	9.2079	250	2,301,975.00		
	Sep 2018	ZAAD	Future	650	9.3290	9.3538	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	10,812	9.4389	9.4627	0.0000	0.0000	0	0.00		
				21,137					250.00	2,301,975.00	3 571 973.00	30 901 514 681.70
		Total	21,137					250.00	2,301,975.00	3 604 350.00	30 901 514 681.70	
Future												
	Jun 2018	ZACA	Future	1,040	9.2863	9.2931	0.0000	0.0000	0	0.00		
				1,040					0.00	0.00	129 443.00	1 272 465 247.10
		Total	1,040					0.00	0.00	129 443.00	1 272 465 247.10	
Future												
	Jun 2018	ZAEU	Future	119,070	14.7888	14.8388	14.8411	14.7500	3,926	58,173,408.90		
	Sep 2018	ZAEU	Future	50,892	15.0668	15.1160	15.0525	15.0525	13	195,682.50		
	Dec 2018	ZAEU	Future	2,971	15.3448	15.3930	0.0000	0.0000	0	0.00		
	Mar 2019	ZAEU	Future	1,091	15.6523	15.7007	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	3,542	15.8954	15.9424	0.0000	0.0000	0	0.00		
				177,566					3,939.00	58,369,091.40	14 362 920.00	204 361 206 721.50
Option												
	Jun 2018	ZAEU	13.50 Put	29,734	20.8994	19.9877	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,995	40.7348	37.5574	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	69.2532	62.6141	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	133.8748	119.3902	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	638.1021	672.3931	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.40 Call	10,000	572.3565	604.1173	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Call	3,000	278.9587	294.7495	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	50,995	665.6018	627.0621	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.63 Call	29,734	125.9850	133.1488	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.00 Call	3,000	77.0083	81.5153	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.44 Put	6,460	1693.7263	1646.3926	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	18.61 Call	6,460	5.4053	5.2302	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	20.55 Call	50,995	0.7008	0.7121	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	13.50 Put	29,734	52.1669	47.3811	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	14.25 Put	86,824	193.8046	178.2004	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	15.85 Put	86,824	1077.7724	1038.7082	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	16.76 Call	29,734	141.2840	147.6145	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	19.56 Call	86,824	18.7143	18.3716	0.0000	0.0000	0	0.00		

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			607,507					0.00	0.00	7 917 269.00	0.00
		Total	785,073					3,939.00	58,369,091.40	22 280 189.00	204 361 206 721.50
Future											
	Jun 2018 ZAFR	Future	1,215	12.6506	12.7216	0.0000	0.0000	0	0.00		
			1,215					0.00	0.00	609 303.00	6 506 705 521.30
		Total	1,215					0.00	0.00	609 303.00	6 506 705 521.30
Future											
	Jun 2018 ZAGB	Future	180,557	16.9218	16.9533	16.8920	16.8600	2,310	39,013,878.50		
	Sep 2018 ZAGB	Future	15,688	17.1811	17.2110	0.0000	0.0000	4,052	69,718,306.80		
	Dec 2018 ZAGB	Future	2,593	17.4348	17.4630	0.0000	0.0000	3,340	58,210,412.80		
	Mar 2019 ZAGB	Future	951	17.7087	17.7371	0.0000	0.0000	0	0.00		
	Jun 2019 ZAGB	Future	3,115	17.9744	18.0015	0.0000	0.0000	0	0.00		
			202,904					9,702.00	166,942,598.10	10 405 144.00	174 097 206 892.30
Option											
	Jun 2018 ZAGB	17.50 Put	500	847.8061	821.7753	0.0000	0.0000	0	0.00		
	Jun 2018 ZAGB	20.40 Call	500	12.1249	11.0282	0.0000	0.0000	0	0.00		
			1,000					0.00	0.00	1 774 113.00	0.00
		Total	203,904					9,702.00	166,942,598.10	12 179 257.00	174 097 206 892.30
Future											
	Jun 2018 ZAJY	Future	8,286	0.1139	0.1143	0.0000	0.0000	0	0.00		
			8,286					0.00	0.00	978 433.00	10 904 504 638.10
		Total	8,286					0.00	0.00	978 433.00	10 904 504 638.10
Future											
	Jun 2018 ZAKS	Future	1,145	0.1158	0.1169	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1153	0.1165	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	6,950	2.9343	2.9701	0.0000	0.0000	0	0.00		
			6,950					0.00	0.00	245 139.00	881 931 494.50
		Total	6,950					0.00	0.00	245 139.00	881 931 494.50
Future											
	Jun 2018 ZAUM	Future	408	11.9099	11.9826	11.9202	11.9202	11	13,168,380.00		
	Sep 2018 ZAUM	Future	50	12.0463	12.1195	0.0000	0.0000	0	0.00		
	Dec 2018 ZAUM	Future	34	12.1783	12.2513	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			492					11.00	13,168,380.00	149 079.00	171 604 829 240.00
	Total		492					11.00	13,168,380.00	153 602.00	171 604 829 240.00

Future

Jun 2018	ZAUS	Future	879,749	11.9099	11.9826	11.9813	11.8695	50,329	599,996,578.20		
Sep 2018	ZAUS	Future	50,427	12.0463	12.1195	12.0350	12.0300	4,198	50,545,807.60		
Dec 2018	ZAUS	Future	21,304	12.1783	12.2513	12.2100	12.1600	4,180	51,232,592.00		
Mar 2019	ZAUS	Future	2,515	12.3162	12.3904	0.0000	0.0000	4,230	52,407,585.00		
Jun 2019	ZAUS	Future	3,087	12.4547	12.5285	0.0000	0.0000	4,436	55,560,900.00		
			957,082					67,373.00	809,743,462.80	170 560 082.00	2 010 115 345 015.30

Option

Jun 2018	ZAUS	11.00 Put	60,750	28.6999	21.6714	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.20 Put	2,550	57.5373	45.1803	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.35 Call	10,000	649.9271	705.1839	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.45 Call	10,000	577.5747	629.0586	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.50 Put	66	133.4156	110.2407	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.60 Put	4,000	168.8619	141.6454	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.70 Call	60	419.5872	460.9427	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.75 Put	60,000	232.1259	198.7120	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.77 Put	76,000	241.4791	207.2388	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.80 Put	1,500	255.9067	220.4349	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.90 Put	9,500	307.4345	267.9221	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.00 Call	3,000	276.6340	303.2970	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.00 Put	35,050	366.7340	320.6970	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.12 Put	372	444.1803	394.0799	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.13 Call	500	230.8244	253.1051	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.14 Call	8,000	227.6111	249.5786	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.14 Put	155,500	457.7111	406.9786	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.15 Put	500	464.5400	413.4952	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.24 Call	500	197.7223	216.7326	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.25 Put	2,415	535.0499	481.0811	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.30 Put	24,500	571.7394	516.4346	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.40 Put	12,603	647.7353	589.9889	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.50 Call	2,550	136.7894	149.6013	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.50 Put	114,600	726.8894	667.0013	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.75 Put	66	935.1739	871.5573	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	1120.2611	1054.1392	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Call	28,000	66.2414	72.4263	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	21,728	1156.3414	1089.8263	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	1,250	1201.7614	1134.7900	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.17 Put	965	1311.1073	1244.1478	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.20 Put	372	1338.5745	1271.7758	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	13.30 Put	25,500	1430.9617	1363.6257	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	37.4931	42.6084	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1581.0904	1512.9981	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1600.0299	1531.8508	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1619.0050	1550.7409	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1752.7186	1683.9001	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1858.7301	1789.5222	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1907.1523	1837.7792	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1916.8525	1847.4474	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1936.2690	1866.8006	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1945.9845	1876.4849	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	2004.3785	1934.6973	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	11.9493	14.6854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	2102.0493	2032.0854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	2200.0960	2129.8738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2347.7446	2277.1752	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	5.8230	6.6352	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	5.1203	5.4745	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	4.7914	4.9419	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	4.0055	3.7027	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	3.9405	3.6026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	3.7773	3.3532	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	3.6276	3.1269	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	3.4098	2.8019	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	3.0819	2.6464	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	2.9163	2.5835	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.7938	1.6939	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.8790	0.8124	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.5686	0.5184	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.5355	0.4872	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.4559	0.4127	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.4291	0.3877	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.3295	0.2951	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1887	0.1659	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1596	0.1396	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.1024	0.0882	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0711	0.0605	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	214.3348	185.4246	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	252.9980	220.7867	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	318.1658	281.0287	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	366.3202	325.9673	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,250	445.3922	400.3927	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	ZAUS	12.30 Put	100	629.7436	576.3315	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Call	100	314.4121	330.0919	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	848.6630	789.1722	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	878.6663	818.5106	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	1033.6661	971.0000	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Put	73,314	1365.5213	1299.3618	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.30 Call	1,500	154.4164	161.6932	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	111.4360	116.5341	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	9.9135	12.6469	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	9.0381	11.5735	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	7.9127	10.1872	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.29 Call	73,314	6.4689	8.3967	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	11.64 Put	2,764	324.0053	293.5691	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Call	150	478.1640	500.8620	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.96 Put	23,443	1131.3049	1073.8147	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.00 Call	6,000	340.4091	355.4683	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.20 Call	7,000	298.3080	311.3120	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.80 Call	2,764	197.8133	207.7029	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.89 Call	1,000	96.2777	101.4203	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.95 Call	2,000	52.6473	59.3628	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	17.24 Call	23,443	16.7168	19.3533	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	68.2472	71.7527	0.0000	0.0000	0	0.00		
			<u>1,669,102</u>					<u>0.00</u>	<u>0.00</u>	<u>47 217 594.00</u>	<u>0.00</u>
Total			2,626,184					67,373.00	809,743,462.80	217 777 676.00	2 010 115 345 015.30
Grand Total			4,818,255					82,396.00	1 061 513 455.00	295,558,673	2,779,305,226,417.48