



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 03-September-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Oct 2018	CC01	Future	25,000	602.2270	600.3790	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	17.2860	17.0593	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	255.7284	298.0879	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	16.24 Put	31,200	298.4106	345.9056	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	19.65 Call	62,400	1017.1452	944.6383	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	19.2277	19.1206	0.0000	0.0000	0	0.00		
Oct 2018	DAGB	Future	48	19.2875	19.1807	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											
Sep 2018	DAUS	Future	0	14.9125	14.6525	0.0000	0.0000	374	5,559,052.50		
Sep 2018	DAUS	Future	300	14.8659	14.6546	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	197	14.9044	14.6931	0.0000	0.0000	197	2,928,799.00		
Sep 2018	DAUS	Future	3,569	14.9105	14.6991	0.0000	0.0000	1,000	14,969,900.00		
Oct 2018	DAUS	Future	55	14.9186	14.7071	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	235	14.9492	14.7377	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.9655	14.7541	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	14.9737	14.7623	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	4,847	14.9778	14.7664	0.0000	0.0000	1,000	15,033,900.00		

<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	14.9798	14.7684	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	15.0036	14.7919	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	420	15.0094	14.7976	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	461	15.0348	14.8224	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	7,449	15.0368	14.8243	0.0000	0.0000	1,000	15,098,900.00		
Dec 2018	DAUS	Future	3,387	15.0986	14.8856	0.0000	0.0000	1,000	15,160,000.00		
Jan 2019	DAUS	Future	55	15.1026	14.8895	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	15.1586	14.9452	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	15.1606	14.9472	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	15.1866	14.9731	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	15.2166	15.0029	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	15.2707	15.0565	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	15.2828	15.0685	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	15.3389	15.1240	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	15.4010	15.1856	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	15.4654	15.2490	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	15.5304	15.3129	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	15.5974	15.3787	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	15.6654	15.4447	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	15.7318	15.5090	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	15.8050	15.5799	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.8759	15.6486	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.9422	15.7128	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	16.0132	15.7815	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	16.0841	15.8502	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	16.1458	15.9100	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	16.2236	15.9854	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.3517	16.1094	0.0000	0.0000	0	0.00		
			<u>118,934</u>					<u>4,571.00</u>	<u>68,750,551.50</u>	<u>10 582 280.00</u>	<u>129 212 456 429.80</u>
Option											
Sep 2018	DAUS	13.43 Put	10,000	0.1409	1.0291	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.44 Put	15,000	0.1488	1.0839	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	12.90 Put	100	0.0006	0.3604	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.09 Put	600	0.0075	0.5818	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.32 Call	600	1547.9970	1337.9120	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.45 Call	100	1418.1716	1208.6649	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Call	100	1069.5718	863.9633	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.90 Call	600	970.6492	767.2423	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	14.45 Call	20,000	452.2885	301.4028	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.30 Put	747	2.0751	4.9485	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	14.48 Put	40,000	133.6144	222.3980	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.00 Put	500	3.3390	6.3511	0.0000	0.0000	0	0.00		

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Sep 2018	DAUS	13.78 Call	500	1153.7492	962.9964	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	24.5133	46.1412	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.25 Put	250	79.5452	144.3433	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.54 Call	250	536.9348	420.1761	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	62.8636	47.0000	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	27.2480	19.2552	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.20 Put	1,630	15.7747	24.0520	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.00 Call	1,630	1049.9856	888.1800	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	18.4437	25.9714	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	74.2171	113.9935	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	1144.9017	980.9897	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.25 Put	250	174.3701	248.8510	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.67 Call	250	648.0916	539.6011	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	151.7213	122.2132	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	97.7954	78.3566	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	4.7669	7.5893	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	91.9527	136.7586	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	128.9415	104.1344	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	1.5690	2.5398	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	4.7108	6.8788	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	1826.4250	1628.0555	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.72 Call	5,000	695.8627	589.3429	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.74 Call	5,000	685.8532	580.4728	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Call	5,000	614.7663	519.0312	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Put	15,000	495.3663	611.4312	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.84 Call	10,000	648.8066	549.0999	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.62 Call	20,400	777.1520	664.3431	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	35.9502	48.3942	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	118.9245	167.3242	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	1142.8650	994.0975	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.25 Put	250	237.2936	315.3754	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.82 Call	250	706.1702	603.7461	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	215.2393	178.3856	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	149.1598	123.0315	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	103.3823	145.8919	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.86 Put	7,500	146.3239	198.7845	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.08 Call	7,500	636.7529	546.3442	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	439.1497	373.2144	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	62.2214	81.5805	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	71.2852	92.6556	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.66 Call	1,000	865.7581	753.1147	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.75 Call	1,000	821.0359	712.5321	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	13.00 Put	500	51.1919	69.3925	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	156.5603	208.0298	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.22 Call	500	1154.8213	1014.9707	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.25 Put	250	286.4955	362.0709	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.96 Put	250	620.8484	733.5058	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	264.9742	222.9019	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	191.1225	159.6427	0.0000	0.0000	0	0.00
Jan 2019	DAUS	12.66 Put	263	36.2354	50.1896	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.00 Put	500	66.3388	87.7220	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.25 Put	250	331.7464	405.6948	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.38 Call	500	1161.3394	1031.8768	0.0000	0.0000	0	0.00
Jan 2019	DAUS	15.13 Call	250	799.3436	701.0228	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.00 Put	500	76.6676	101.3691	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.25 Put	250	368.0003	439.6452	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.52 Call	500	1175.2406	1050.8109	0.0000	0.0000	0	0.00
Feb 2019	DAUS	15.27 Call	250	837.6229	739.6520	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	87.1799	113.2917	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	399.4388	469.9906	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	1187.7731	1067.0498	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	867.3599	771.3727	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	94.1196	124.2907	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	2039.7633	1871.7550	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	429.7829	498.8940	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	1199.3520	1083.2473	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	895.1758	801.1452	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	105.9258	133.1565	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	457.3362	526.4717	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	1212.3961	1099.1201	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	920.9733	828.8783	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	112.0261	139.2167	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	250	479.7041	548.3350	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	1224.2160	1113.7390	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.96 Call	250	942.2080	851.2910	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.45 Put	39,250	209.5419	258.8867	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.44 Call	39,250	820.0280	741.0129	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.00 Put	500	113.1504	146.1827	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.25 Put	250	502.2071	571.4170	0.0000	0.0000	0	0.00
Jul 2019	DAUS	15.34 Call	500	1246.3565	1138.2001	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.14 Call	250	972.6070	882.7414	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.48 Put	3,950	606.9630	683.1627	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.35 Call	3,950	944.4302	858.4776	0.0000	0.0000	0	0.00
Aug 2019	DAUS	13.00 Put	500	117.2729	150.1516	0.0000	0.0000	0	0.00

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Aug 2019	DAUS	14.25 Put	250	521.9975	590.9482	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	1258.5509	1150.5716	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.33 Call	250	991.9177	903.6485	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	121.7125	149.7057	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.25 Put	250	540.8850	611.4026	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	1289.2862	1182.1084	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.50 Call	250	1027.7506	941.1872	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	120.3412	156.6700	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.25 Put	250	558.5844	631.3569	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	1310.4179	1205.7734	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	16.70 Call	250	1057.1921	972.0945	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	144.8834	179.0585	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.25 Put	250	575.2993	647.7142	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	1336.3206	1233.2637	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.87 Call	250	1088.2528	1004.0612	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	164.4085	197.8261	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.25 Put	250	590.4178	663.5532	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	1362.8057	1261.2040	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.05 Call	250	1122.8842	1039.4313	0.0000	0.0000	0	0.00		
			<u>492,810</u>					0.00	0.00	20 038 067.00	0.00
		Total	611,744					4,571.00	68,750,551.50	30 620 347.00	129 212 456 429.80
Option											
Sep 2018	DAYJ	8.26 Call	25,000	0.8798	18.2952	0.0000	0.0000	0	0.00		
			<u>25,000</u>					0.00	0.00	50 000.00	0.00
		Total	25,000					0.00	0.00	50 000.00	0.00
Future											
Sep 2018	EUUS	Future	7,143	1.1634	1.1647	1.1616	1.1616	5	58,080.00		
			<u>7,143</u>					5.00	58,080.00	736 952.00	8 357 941 941.00
		Total	7,143					5.00	58,080.00	736 952.00	8 357 941 941.00
Future											
Sep 2018	GBUS	Future	25	1.2890	1.3002	0.0000	0.0000	0	0.00		
			<u>25</u>					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	12,198	10.7504	10.6112	10.7327	10.7050	251	2,693,880.00		
Dec 2018	ZAAD	Future	11,569	10.8815	10.7414	10.8830	10.8830	250	2,720,750.00		
Mar 2019	ZAAD	Future	515	11.0273	10.8868	0.0000	0.0000	0	0.00		

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Jun 2019	ZAAD	Future	4,929	11.1685	11.0269	0.0000	0.0000	0	0.00		
			<u>29,211</u>					<u>501.00</u>	<u>5,414,630.00</u>	<u>3 694 512.00</u>	<u>32 102 867 448.40</u>
		Total	29,211					501.00	5,414,630.00	3 726 889.00	32 102 867 448.40
Future											
Dec 2018	ZACA	Future	595	11.5472	11.4149	0.0000	0.0000	0	0.00		
			<u>595</u>					<u>0.00</u>	<u>0.00</u>	<u>137 638.00</u>	<u>1 354 875 987.10</u>
		Total	595					0.00	0.00	137 638.00	1 354 875 987.10
Future											
Sep 2018	ZADK	Future	245	2.3350	2.3028	0.0000	0.0000	0	0.00		
Dec 2018	ZADK	Future	240	2.3817	2.3489	0.0000	0.0000	0	0.00		
			<u>485</u>					<u>0.00</u>	<u>0.00</u>	<u>12 090.00</u>	<u>260 091 854.00</u>
		Total	485					0.00	0.00	12 090.00	260 091 854.00
Future											
Sep 2018	ZAEU	Future	97,884	17.3216	17.0948	17.3586	17.1300	122	2,111,366.60		
Dec 2018	ZAEU	Future	38,781	17.6495	17.4193	17.6100	17.6100	295	5,004,534.00		
Mar 2019	ZAEU	Future	4,721	18.0153	17.7824	18.0115	18.0115	1	18,011.50		
Jun 2019	ZAEU	Future	5,256	18.3658	18.1293	0.0000	0.0000	0	0.00		
			<u>146,642</u>					<u>418.00</u>	<u>7,133,912.10</u>	<u>15 243 908.00</u>	<u>218 084 141 178.80</u>
Option											
Sep 2018	ZAEU	13.50 Put	29,734	0.0010	0.0472	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	57,090	0.0887	0.2937	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	6.2110	14.3472	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	624.3873	482.4881	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	6.4453	6.5588	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	16.00 Call	650	2187.6841	1998.7863	0.0000	0.0000	0	0.00		
			<u>290,856</u>					<u>0.00</u>	<u>0.00</u>	<u>8 025 012.00</u>	<u>0.00</u>
		Total	437,498					418.00	7,133,912.10	23 268 920.00	218 084 141 178.80
Future											
Sep 2018	ZAFR	Future	1,875	15.3889	15.1879	0.0000	0.0000	0	0.00		
Dec 2018	ZAFR	Future	765	15.6956	15.4904	0.0000	0.0000	0	0.00		
Jun 2019	ZAFR	Future	150	16.3671	16.1576	0.0000	0.0000	0	0.00		
			<u>2,790</u>					<u>0.00</u>	<u>0.00</u>	<u>616 850.00</u>	<u>6 610 548 121.80</u>
		Total	2,790					0.00	0.00	616 850.00	6 610 548 121.80
Future											
Sep 2018	ZAGB	Future	196,152	19.1905	19.0836	19.1000	19.0168	21	400,434.00		
Dec 2018	ZAGB	Future	248,680	19.4948	19.3863	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Mar 2019	ZAGB	Future	4,932	19.8308	19.7229	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	Future	6,156	20.1493	20.0403	0.0000	0.0000	0	0.00		
Sep 2019	ZAGB	Future	4,645	20.5059	20.3909	0.0000	0.0000	0	0.00		
			<u>460,565</u>					<u>21.00</u>	<u>400,434.00</u>	<u>12 233 811.00</u>	<u>206 563 942 888.70</u>
Option											
Mar 2019	ZAGB	18.00 Put	500	326.5298	346.9671	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	21.44 Call	500	601.2631	559.2255	0.0000	0.0000	0	0.00		
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1 775 113.00</u>	<u>0.00</u>
		Total	461,565					21.00	400,434.00	14 008 924.00	206 563 942 888.70
Future											
Sep 2018	ZAJY	Future	6,905	0.1342	0.1325	0.0000	0.0000	11	147,840.00		
			<u>6,905</u>					<u>11.00</u>	<u>147,840.00</u>	<u>1 001 072.00</u>	<u>11 183 618 452.50</u>
		Total	6,905					11.00	147,840.00	1 001 072.00	11 183 618 452.50
Future											
Sep 2018	ZAKS	Future	562	0.1477	0.1456	0.0000	0.0000	0	0.00		
Jun 2019	ZAKS	Future	1,628	0.1468	0.1447	0.0000	0.0000	0	0.00		
			<u>2,190</u>					<u>0.00</u>	<u>0.00</u>	<u>36 428.00</u>	<u>491 517 260.00</u>
		Total	2,190					0.00	0.00	36 428.00	491 517 260.00
Future											
Sep 2018	ZATR	Future	5,270	2.2244	2.1983	0.0000	0.0000	0	0.00		
			<u>5,270</u>					<u>0.00</u>	<u>0.00</u>	<u>341 969.00</u>	<u>1 134 767 971.00</u>
		Total	5,270					0.00	0.00	341 969.00	1 134 767 971.00
Future											
Sep 2018	ZAUM	Future	340	14.8882	14.6770	0.0000	0.0000	0	0.00		
Dec 2018	ZAUM	Future	79	15.0645	14.8517	15.0913	15.0913	5	7,545,650.00		
Mar 2019	ZAUM	Future	5	15.2527	15.0387	0.0000	0.0000	0	0.00		
			<u>424</u>					<u>5.00</u>	<u>7,545,650.00</u>	<u>152 475.00</u>	<u>176 027 996 050.00</u>
		Total	424					5.00	7,545,650.00	156 998.00	176 027 996 050.00
Future											
Sep 2018	ZAUS	Future	455,930	14.8882	14.6770	14.9599	14.6901	80,944	1,202,846,179.80		
Dec 2018	ZAUS	Future	280,889	15.0645	14.8517	15.1498	14.8754	4,131	61,990,154.10		
Mar 2019	ZAUS	Future	37,205	15.2527	15.0387	15.3015	15.1425	27	411,384.40		
Jun 2019	ZAUS	Future	19,410	15.4298	15.2140	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	Future	12,184	15.6288	15.4093	0.0000	0.0000	952	14,744,576.00		
Mar 2020	ZAUS	Future	1,531	16.0452	15.8125	0.0000	0.0000	3,062	48,992,765.50		
			<u>807,149</u>					<u>89,116.00</u>	<u>1,328,985,059.80</u>	<u>182 769 581.00</u>	<u>2 173 655 686 946.70</u>

<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>	
Option										
Sep 2018	ZAUS	11.48 Put	5,200	0.0005	0.0632	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.50 Put	45,000	0.0006	0.0644	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.60 Put	2,000	0.0021	0.0710	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.75 Put	93,314	0.0107	0.0823	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.85 Put	48,200	0.0281	0.1124	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.90 Put	3,000	0.0440	0.1313	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.00 Put	13,300	0.0600	0.1788	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.25 Call	500	2638.3287	2427.3838	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.25 Put	40,000	0.1287	0.3838	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.30 Put	100	0.1498	0.4465	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.38 Put	60,000	0.1909	0.5682	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.50 Call	4,600	2388.4745	2177.8136	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.50 Put	44,000	0.2745	0.8136	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.58 Put	8,000	0.3495	1.0318	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.61 Put	13,231	0.3826	1.1275	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.65 Put	1,550	0.4315	1.2688	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.77 Call	5,200	2118.8189	1908.8037	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.80 Call	50	2088.8771	1878.9685	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.80 Put	500	0.6771	1.9685	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.85 Put	750	0.7865	2.2762	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.00 Call	7,500	1889.4308	1680.5053	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.00 Put	70,000	1.2308	3.5053	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.10 Put	2,500	1.6568	4.6588	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.20 Call	4,000	1690.4275	1483.1738	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.20 Put	4,500	2.2275	6.1738	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.22 Put	10,000	2.3630	6.5291	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.25 Call	1,250	1640.7816	1434.0989	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.25 Put	74,064	2.5816	7.0989	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.30 Call	500	1591.1909	1384.8131	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.50 Call	500	1393.1041	1188.5695	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.60 Call	26,000	1294.2329	1091.1786	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.60 Put	4,000	6.0329	14.1786	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.65 Call	1,464	1244.9057	1042.7249	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	14.00 Call	60,000	902.8798	714.0620	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	14.00 Put	22,000	14.6798	37.0620	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	14.20 Call	500	715.0477	554.4419	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	14.50 Call	500	477.2028	358.7953	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	14.70 Call	63,000	349.9991	259.6243	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	15.00 Call	4,000	210.4490	159.1272	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	15.00 Put	50	322.2490	482.1272	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	15.97 Call	5,300	34.7783	29.4479	0.0000	0.0000	0	0.00	

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Sep 2018	ZAUS	16.04 Call	1,550	30.0539	25.9565	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	24.3686	21.6890	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	17.7585	16.3890	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	7.5486	9.6271	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	228,616	8.2808	10.5820	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	9.4023	12.0559	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	10.2396	14.0529	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	10.4167	14.4869	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	11.5527	16.3486	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	13.4878	18.9820	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	14.5623	20.4394	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	17.7346	24.7175	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	228,616	2585.7099	2381.0729	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,400	21.2099	29.3729	0.0000	0.0000	100	0.00
Dec 2018	ZAUS	12.63 Put	39,589	25.6654	35.3006	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	27.5935	37.8549	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	30.5153	41.7098	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.95 Put	500	40.4662	54.7447	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	2107.8721	1910.2266	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	177,520	43.3721	58.5266	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.05 Put	1,500	46.4629	62.5384	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	49.7508	66.7930	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	1921.4575	1727.7818	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	58.5053	78.0710	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	1875.3986	1682.8416	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	17,800	60.8986	81.1416	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.32 Put	13,650	66.8227	88.7212	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.33 Put	135,000	67.7092	89.8543	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Call	500	1693.6926	1511.0207	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	79.1926	109.3207	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	228,616	1648.9634	1470.4218	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	29,800	84.4634	118.7218	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.60 Put	66,000	98.4223	139.2388	0.0000	0.0000	1,080	0.00
Dec 2018	ZAUS	13.70 Put	7,300	116.7959	162.1308	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.71 Put	20	118.7580	164.5541	0.0000	0.0000	10	0.00
Dec 2018	ZAUS	13.75 Put	700	126.8418	174.5018	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	1417.6517	1253.9264	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	135.3049	184.8515	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	1401.9803	1239.2021	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Put	400	137.4803	187.5021	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	1287.5861	1132.0987	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	20,400	1250.7250	1097.7244	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	14.00 Put	72,750	186.2250	246.0244	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.10 Put	1,867	214.4702	279.3040	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.12 Put	4,372	220.4378	286.8889	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	1157.9619	1012.4249	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.15 Put	236,970	229.5937	298.4920	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.16 Put	36,200	232.6989	302.4177	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Call	1,000	1109.8940	970.1269	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Put	13,650	245.3940	318.4269	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.24 Put	24,570	258.5263	334.9123	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.25 Call	1,000	1076.3773	940.8057	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.25 Put	700	261.8773	339.1057	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	1025.1123	895.4295	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Put	31,047	290.6123	373.7295	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Call	500	1012.9856	884.3812	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Put	4,428	298.4856	382.6812	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.38 Call	20	995.0194	868.0243	0.0000	0.0000	10	0.00
Dec 2018	ZAUS	14.44 Call	11,300	959.9021	836.0890	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Call	700	925.8606	805.1875	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Put	11,000	361.3606	453.4875	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	84,900	871.4848	755.9359	0.0000	0.0000	1,208	0.00
Dec 2018	ZAUS	14.60 Put	3,000	406.9848	504.2359	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	866.2053	751.1608	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	860.9577	746.4163	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Call	5,000	835.1476	723.0951	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Put	3,000	440.6476	541.3951	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	820.0026	709.4261	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	795.3264	687.1771	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Call	400	771.3455	665.5779	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Put	135,000	506.8455	613.8779	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	752.6535	648.7585	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	10,000	682.1481	586.9467	0.0000	0.0000	100	0.00
Dec 2018	ZAUS	15.01 Call	10,000	677.9624	583.2942	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	645.6251	554.9033	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.10 Call	500	641.7265	551.4571	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	622.5899	534.5582	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.20 Put	50	739.5505	866.4996	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.37 Call	4,372	545.2675	466.4565	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.46 Call	1,867	516.6664	441.3436	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	510.5338	435.9666	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	4,500	504.4840	430.6615	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.51 Call	24,570	501.4857	428.0356	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.59 Call	31,047	478.2138	407.6521	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	15.61 Call	4,428	472.5866	402.7478	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,580	448.1603	381.5956	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.73 Call	135,000	440.3361	374.8259	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.85 Call	20,300	410.5810	349.1035	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.91 Call	121,970	396.5894	337.0155	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	50	376.6308	319.7886	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.11 Call	38,250	353.8209	300.1283	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.14 Call	10,000	347.8877	295.0199	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.56 Call	13,650	276.1121	231.2638	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.00 Call	3,700	215.2183	179.2869	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	4.4483	5.8459	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	14.6530	16.3074	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	32.4010	45.0095	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.51 Put	720	35.0210	48.4212	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.90 Put	16,000	70.0338	92.8446	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.92 Put	139,342	72.3523	95.7281	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.00 Put	14,028	82.2041	107.9141	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.12 Put	138,000	98.7838	128.2273	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.25 Put	10,000	119.3478	153.1306	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	158.7325	200.1121	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	226.7095	279.5698	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	257.5230	314.3205	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.90 Put	720	269.3575	327.6008	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Put	16,000	300.4455	362.3057	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.28 Put	7,028	398.9665	470.9859	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	750	1359.3551	1218.0979	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.35 Put	139,342	426.2562	502.6092	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.44 Put	7,000	462.8976	545.8660	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	1252.4453	1124.3813	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Put	10,000	488.3061	575.7209	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	502.3522	590.9465	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.56 Put	138,000	516.6045	606.3744	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	648.5423	748.1112	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.83 Put	10	653.9090	0.0000	0.0000	0.0000	10	0.00
Mar 2019	ZAUS	14.96 Call	17,981	1018.2964	908.8518	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	931.2821	828.3962	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	826.6680	732.6612	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	823.1660	729.4762	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	795.7395	704.5859	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.66 Call	139,342	756.5472	669.0521	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.81 Call	10	710.6615	0.0000	0.0000	0.0000	10	0.00
Mar 2019	ZAUS	15.89 Call	4,145	687.5350	606.8858	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Mar 2019	ZAUS	16.00 Call	20,000	657.1827	579.7905	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	16.13 Call	138,000	623.6655	549.6577	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	16.60 Call	50	519.0615	455.3280	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	17.08 Call	7,028	431.0667	374.8284	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	17.09 Call	7,000	429.3929	373.3462	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	17.50 Call	16,000	367.1298	318.4101	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	10.69 Put	1,000	19.3064	20.3368	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	30.5593	37.9374	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.75 Put	1,000	69.8755	93.3566	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.98 Put	911	103.7290	134.5066	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.24 Put	30,000	153.7929	193.7289	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.83 Put	25,000	318.8008	376.6025	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.88 Put	6,250	336.1889	393.9593	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.98 Call	1,000	1819.7738	1664.0953	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.42 Call	30	1548.1460	1405.5038	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.58 Call	1,000	1458.3842	1325.6156	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.82 Call	30,000	1336.7917	1216.7039	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.55 Call	25,000	1040.8260	940.3807	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.62 Call	6,250	1016.0128	917.5685	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.80 Call	1,000	955.3519	861.8822	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.92 Call	911	917.3258	827.0354	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	10.75 Put	1,000	27.6905	28.1099	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	12.50 Put	1,000	45.3597	60.7862	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	13.97 Put	800	417.1253	487.6212	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	14.21 Put	2,700	515.7983	584.8563	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.55 Call	30,000	1294.8151	1187.1992	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	1181.3545	1080.3946	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.23 Call	800	816.4896	744.6665	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.85 Call	2,700	697.4983	636.8342	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	11.89 Put	1,000	61.3798	61.6660	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.66 Put	1,000	342.5009	402.0150	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.38 Call	1,000	1001.9877	925.3597	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	638.9215	608.0471	0.0000	0.0000	0	0.00		
			<u>5,002,071</u>					<u>2,528.00</u>	<u>0.00</u>	<u>55 463 573.00</u>	<u>0.00</u>
	Total		5,809,220					91,644.00	1,328,985,059.80	238 233 154.00	2 173 655 686 946.70
	Grand Total		7,549,961					97,176.00	1 418 436 157.40	324,685,250	3,022,774,328,288.72