



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-February-2019

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Feb 2019	DAEU	Future	29	15.4858	15.5011	0.0000	0.0000	0	0.00		
Mar 2019	DAEU	Future	53	15.5780	15.5936	0.0000	0.0000	0	0.00		
Apr 2019	DAEU	Future	4	15.6327	15.6483	0.0000	0.0000	0	0.00		
Apr 2019	DAEU	Future	1	15.6680	15.6838	0.0000	0.0000	0	0.00		
			<u>87</u>					<u>0.00</u>	<u>0.00</u>	<u>816 079.00</u>	<u>12 203 675 785.40</u>
Option											
Aug 2019	DAEU	19.65 Call	62,400	99.3332	94.6262	0.0000	0.0000	0	0.00		
Feb 2020	DAEU	16.65 Call	21,000	1022.1355	0.0000	0.0000	0.0000	42,000	0.00		
			<u>83,400</u>					<u>42,000.00</u>	<u>0.00</u>	<u>1 659 987.00</u>	<u>0.00</u>
Total			83,487					42,000.00	0.00	2 476 066.00	12 203 675 785.40
Future											
Feb 2019	DAGB	Future	47	17.6672	17.7262	0.0000	0.0000	0	0.00		
Mar 2019	DAGB	Future	80	17.7545	17.8139	0.0000	0.0000	0	0.00		
Apr 2019	DAGB	Future	43	17.8063	17.8659	0.0000	0.0000	0	0.00		
Apr 2019	DAGB	Future	120	17.8399	17.8995	0.0000	0.0000	0	0.00		
Apr 2019	DAGB	Future	27	17.8490	17.9087	0.0000	0.0000	0	0.00		
			<u>317</u>					<u>0.00</u>	<u>0.00</u>	<u>66 877.00</u>	<u>1 121 639 544.20</u>
Total			317					0.00	0.00	274 190.00	1 121 639 544.20
Future											
Feb 2019	DAUS	Future	70	13.6075	13.6151	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	6	13.6105	13.6181	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	5,759	13.6312	13.6390	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	74	13.6375	13.6453	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	10,080	13.6391	13.6469	0.0000	0.0000	500	6,834,050.00		
Mar 2019	DAUS	Future	3,731	13.6744	13.6822	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	3,708	13.6776	13.6854	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.6841	13.6918	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	260	13.7054	13.7132	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>		
Apr 2019	DAUS	Future	349	13.7236	13.7316	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	15	13.7286	13.7366	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	319	13.7303	13.7382	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	264	13.7825	13.7909	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	74	13.7893	13.7977	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	359	13.8301	13.8386	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.8353	13.8438	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	26	13.8862	13.8951	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	13.8879	13.8968	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	65	13.9383	13.9471	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	13.9436	13.9523	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	74	13.9471	13.9557	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	53	13.9926	14.0006	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.9961	14.0040	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	108	14.0470	14.0540	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	Future	52	14.0976	14.1042	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.1029	14.1094	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	321	14.1063	14.1128	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.1582	14.1634	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.2092	14.2138	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.2650	14.2715	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.3212	14.3304	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.3702	14.3816	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.4333	14.4458	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.5383	14.5514	0.0000	0.0000	0	0.00		
			<u>111,427</u>					<u>500.00</u>	<u>6,834,050.00</u>	<u>11 095 327.00</u>	<u>136 509 459 740.90</u>
Option											
Feb 2019	DAUS	13.76 Put	684	203.9778	211.3884	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.81 Call	684	43.1179	56.4445	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.87 Put	22,000	291.8864	295.5927	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.29 Put	25,000	42.2132	44.6255	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.75 Put	25,000	255.0726	254.5282	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	12.0540	12.4936	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.70 Put	600	232.5273	231.8763	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.20 Put	250	616.1884	611.9681	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.25 Call	600	41.7126	44.9967	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.25 Put	250	660.5126	655.9967	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	19.1374	20.7623	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.75 Call	600	9.4344	10.2032	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	15.27 Call	250	2.3184	2.4728	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	15.63 Call	250	1.1082	1.1745	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.40 Call	50,000	345.8501	354.3660	0.0000	0.0000	0	0.00		

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Mar 2019	DAUS	13.50 Call	50,000	285.1354	293.0344	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.70 Call	100,000	188.1080	194.4633	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.94 Put	27,500	429.1543	425.9959	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.15 Call	27,500	11.9232	12.6950	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.88 Put	32,000	426.4988	422.8034	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.00 Put	65,000	510.6078	506.5219	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	58.9154	58.7243	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.45 Put	600	195.1311	193.4578	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.87 Call	600	232.5164	236.7662	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Put	250	667.0157	662.2821	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	706.9509	702.0614	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.40 Call	600	108.1344	110.6216	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	72.3538	74.2477	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	20.1939	20.7639	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.79 Call	250	9.8603	10.0837	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.76 Put	100	369.6017	366.2311	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.35 Call	100	136.4879	138.8207	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	114.8854	106.5697	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	530.8203	525.4662	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Put	250	725.1286	709.8716	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	762.3330	747.1521	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	132.4150	126.4396	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	59.7738	55.8821	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.96 Call	250	41.8764	38.8186	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	156.4019	146.4281	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Put	250	765.7301	748.1070	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	801.4326	783.8271	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	178.5900	170.5333	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	94.0492	88.1334	0.0000	0.0000	0	0.00
May 2019	DAUS	16.15 Call	250	70.6861	65.7078	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.83 Put	45,000	533.4295	0.0000	0.0000	0.0000	45,000	0.00
Jun 2019	DAUS	13.00 Put	500	184.9453	176.8401	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.20 Put	250	791.3569	776.0106	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	250	826.1099	810.7014	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	210.3087	203.5176	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.96 Call	250	119.1538	113.7201	0.0000	0.0000	0	0.00
Jun 2019	DAUS	16.32 Call	250	93.0648	88.2759	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.00 Put	500	214.6413	208.3103	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.20 Put	250	816.4930	803.1249	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.25 Put	250	850.3312	836.8324	0.0000	0.0000	0	0.00
Jul 2019	DAUS	15.34 Call	500	244.8146	239.5408	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.14 Call	250	147.7735	142.9778	0.0000	0.0000	0	0.00

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Jul 2019	DAUS	16.50 Call	250	119.0629	114.5963	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.48 Put	3,147	1019.6148	1005.9990	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.35 Call	3,147	146.4012	141.8014	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	238.8697	232.2019	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.20 Put	250	837.3970	824.4389	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.25 Put	250	870.5485	857.4773	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	271.1088	265.9409	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.33 Call	250	171.5415	166.9369	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.70 Call	250	140.6653	136.3923	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	19.00 Call	20,000	50.0300	47.5251	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	260.6215	253.3880	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.20 Put	250	855.2668	842.6363	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.25 Put	250	887.8175	875.0988	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	298.4316	293.3919	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.50 Call	250	196.5706	192.0933	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.89 Call	250	164.4986	160.3042	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	281.7675	274.0025	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.20 Put	250	872.5587	860.1928	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.25 Put	250	904.5643	892.1417	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	320.4513	315.3082	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	16.70 Call	250	218.6171	214.1577	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	17.09 Call	250	188.9146	184.7099	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	300.1337	291.9174	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.20 Put	250	887.1461	874.7937	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.25 Put	250	918.6921	906.2973	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	342.3522	337.0796	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.87 Call	250	239.8753	235.1842	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	17.26 Call	250	211.8303	206.4128	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	317.9866	309.5438	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.20 Put	250	900.1897	888.2227	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.25 Put	250	931.2589	919.2679	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	364.2978	359.2727	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.05 Call	250	263.4588	258.9664	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.44 Call	250	235.3313	231.1217	0.0000	0.0000	0	0.00		
			<u>527,462</u>					<u>45,000.00</u>	<u>0.00</u>	<u>22 758 583.00</u>	<u>0.00</u>
Total			638,889					45,500.00	6,834,050.00	33 853 910.00	136 509 459 740.90
Future											
Mar 2019	EUUS	Future	5	1.1378	1.1383	0.0000	0.0000	0	0.00		
Jun 2019	EUUS	Future	582	1.1464	1.1469	0.0000	0.0000	0	0.00		
			<u>587</u>					<u>0.00</u>	<u>0.00</u>	<u>745 402.00</u>	<u>8 456 173 900.00</u>

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Total			587					0.00	0.00	745 402.00	8 456 173 900.00
Future											
Mar 2019	GBUS	Future	5	1.2973	1.3009	0.0000	0.0000	0	0.00		
			<u>5</u>					<u>0.00</u>	<u>0.00</u>	171 722.00	2 209 540 628.00
Total			5					0.00	0.00	171 722.00	2 209 540 628.00
Future											
Mar 2019	ZAAD	Future	5,731	9.7024	9.7230	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	15,741	9.8185	9.8392	0.0000	0.0000	0	0.00		
Sep 2019	ZAAD	Future	513	9.9479	9.9680	9.9496	9.9496	5	49,748.00		
Dec 2019	ZAAD	Future	400	10.0726	10.0917	0.0000	0.0000	0	0.00		
			<u>22,385</u>					<u>5.00</u>	<u>49,748.00</u>	3 849 244.00	33 725 532 180.10
Option											
Dec 2019	ZAAD	11.00 Call	1,000	202.3595	201.5427	0.0000	0.0000	0	0.00		
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	34 377.00	0.00
Total			23,385					5.00	49,748.00	3 883 621.00	33 725 532 180.10
Future											
Mar 2019	ZACA	Future	500	10.2997	10.3150	0.0000	0.0000	0	0.00		
Jun 2019	ZACA	Future	650	10.4307	10.4468	0.0000	0.0000	0	0.00		
Sep 2019	ZACA	Future	400	10.5730	10.5889	0.0000	0.0000	0	0.00		
			<u>1,550</u>					<u>0.00</u>	<u>0.00</u>	150 363.00	1 491 472 790.10
Total			1,550					0.00	0.00	150 363.00	1 491 472 790.10
Future											
Mar 2019	ZAEU	Future	139,495	15.5426	15.5581	15.6108	15.5641	45	700,721.50		
Jun 2019	ZAEU	Future	29,425	15.8274	15.8445	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	Future	21,578	16.1410	16.1587	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	Future	17,899	16.4403	16.4563	0.0000	0.0000	0	0.00		
			<u>208,397</u>					<u>45.00</u>	<u>700,721.50</u>	16 205 615.00	234 158 141 060.70
Option											
Mar 2019	ZAEU	16.00 Call	650	133.5074	138.3323	0.0000	0.0000	0	0.00		
Sep 2019	ZAEU	18.60 Call	55,000	221.2080	215.4047	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	13.73 Put	17,150	61.6979	61.7319	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	16.15 Put	17,150	752.0243	734.8057	0.0000	0.0000	0	0.00		
Dec 2019	ZAEU	20.62 Call	17,150	230.1638	224.9325	0.0000	0.0000	0	0.00		
			<u>107,100</u>					<u>0.00</u>	<u>0.00</u>	10 956 876.00	0.00
Total			315,497					45.00	700,721.50	27 162 491.00	234 158 141 060.70

Future

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Mar 2019	ZAFR	Future	1,143	13.6969	13.7076	0.0000	0.0000	0	0.00		
Jun 2019	ZAFR	Future	150	13.9610	13.9728	0.0000	0.0000	0	0.00		
			<u>1,293</u>					<i>0.00</i>	<i>0.00</i>	<i>626 980.00</i>	<i>6 760 109 369.60</i>
	Total		1,293					0.00	0.00	626 980.00	6 760 109 369.60
Future											
Mar 2019	ZAGB	Future	398,082	17.7210	17.7804	17.8163	17.7747	3	53,391.00		
Jun 2019	ZAGB	Future	5,824	17.9907	18.0519	0.0000	0.0000	0	0.00		
Sep 2019	ZAGB	Future	16,469	18.2850	18.3473	0.0000	0.0000	0	0.00		
Dec 2019	ZAGB	Future	12,690	18.5628	18.6239	0.0000	0.0000	0	0.00		
			<u>433,065</u>					<i>3.00</i>	<i>53,391.00</i>	<i>13 853 107.00</i>	<i>236 915 785 526.60</i>
Option											
Mar 2019	ZAGB	18.00 Put	500	510.5594	473.6948	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	19.00 Call	2,500	44.3982	51.0688	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	19.19 Put	1,000	1499.8386	1445.5754	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	20.00 Call	500	8.6296	9.8598	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	20.18 Call	1,500	6.9465	7.8666	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	21.44 Call	500	2.3336	2.2580	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	18.00 Call	1,000	658.5378	679.8885	0.0000	0.0000	0	0.00		
			<u>7,500</u>					<i>0.00</i>	<i>0.00</i>	<i>1 784 813.00</i>	<i>0.00</i>
	Total		440,565					3.00	53,391.00	15 637 920.00	236 915 785 526.60
Future											
Mar 2019	ZAJY	Future	10,000	0.1249	0.1249	0.0000	0.0000	0	0.00		
			<u>10,000</u>					<i>0.00</i>	<i>0.00</i>	<i>1 091 937.00</i>	<i>12 363 272 053.60</i>
	Total		10,000					0.00	0.00	1 091 937.00	12 363 272 053.60
Future											
Jun 2019	ZAKS	Future	2,166	0.1343	0.1355	0.0000	0.0000	0	0.00		
			<u>2,166</u>					<i>0.00</i>	<i>0.00</i>	<i>38 066.00</i>	<i>515 662 000.00</i>
	Total		2,166					0.00	0.00	38 066.00	515 662 000.00
Future											
Sep 2019	ZANZ	Future	646	9.4694	9.4899	0.0000	0.0000	0	0.00		
			<u>646</u>					<i>0.00</i>	<i>0.00</i>	<i>146 792.00</i>	<i>1 127 677 204.60</i>
	Total		646					0.00	0.00	166 792.00	1 127 677 204.60
Future											
Mar 2019	ZASD	Future	1,200	10.0874	10.0905	0.0000	0.0000	0	0.00		
			<u>1,200</u>					<i>0.00</i>	<i>0.00</i>	<i>10 726.00</i>	<i>109 054 884.50</i>
	Total		1,200					0.00	0.00	10 726.00	109 054 884.50

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Mar 2019	ZATR	Future	30,000	2.5478	2.5461	0.0000	0.0000	0	0.00		
			<u>30,000</u>					<u>0.00</u>	<u>0.00</u>	<u>426 585.00</u>	<u>1 336 566 339.90</u>
		Total	30,000					0.00	0.00	426 585.00	1 336 566 339.90
Future											
Mar 2019	ZAUM	Future	422	13.6599	13.6677	0.0000	0.0000	0	0.00		
Jun 2019	ZAUM	Future	10	13.8063	13.8148	0.0000	0.0000	0	0.00		
			<u>432</u>					<u>0.00</u>	<u>0.00</u>	<u>155 505.00</u>	<u>180 428 410 410.00</u>
		Total	432					0.00	0.00	160 028.00	180 428 410 410.00
Future											
Mar 2019	ZAUS	Future	521,236	13.6599	13.6677	13.7486	13.6399	76,012	1,041,360,703.40		
Jun 2019	ZAUS	Future	105,116	13.8063	13.8148	13.8410	13.8366	1,011	13,994,246.60		
Sep 2019	ZAUS	Future	15,520	13.9681	13.9765	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	Future	10,100	14.1223	14.1285	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	Future	4,566	14.2904	14.2981	14.3351	14.3351	3	43,005.30		
			<u>656,538</u>					<u>77,026.00</u>	<u>1,055,397,955.30</u>	<u>195 143 955.00</u>	<u>2 353 519 045 258.00</u>
Option											
Mar 2019	ZAUS	10.33 Put	1,000	0.0279	0.0286	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	0.8618	0.8632	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.47 Put	721	8.5430	8.4049	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.51 Put	720	9.6607	9.5315	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.80 Put	7,520	22.9850	23.0348	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.90 Put	16,000	30.6474	30.8185	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.92 Put	139,342	32.4383	32.6368	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.00 Put	15,434	40.5972	40.9237	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.05 Put	1,155	48.9805	49.2539	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.12 Put	138,000	62.7779	62.9420	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.15 Put	10,125	69.4696	69.5732	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.25 Put	225,407	95.3769	95.2221	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.33 Put	135,043	120.3198	119.8910	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.36 Put	134,750	130.6779	130.1335	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.46 Put	20,000	169.2593	168.2763	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.50 Call	245	346.3557	352.9760	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.50 Put	12,050	186.4557	185.2760	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.55 Put	10,000	209.3641	207.9266	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.60 Call	500	293.7370	299.8289	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.60 Put	6,570	233.8370	232.1289	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.62 Put	6,432	244.0602	242.2384	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.68 Put	14,200	277.0599	274.9244	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 2019	ZAUS	13.70 Put	2,500	288.8289	286.5956	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.72 Put	10,000	300.8299	298.5001	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.79 Put	262,812	344.6193	341.9443	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.82 Put	2,100	364.2008	361.3779	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.85 Put	1,000	384.2475	381.2791	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	391.0314	388.0141	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.90 Put	720	418.6574	415.4456	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.95 Call	1,000	164.1499	168.4987	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Call	100	150.8521	154.9683	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Put	29,200	490.9521	487.2683	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.04 Put	7,100	521.0681	517.2011	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.20 Call	2,000	107.3993	110.6484	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.25 Call	750	98.6420	101.6956	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.28 Put	7,028	713.8385	708.9781	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	250	90.6079	93.4732	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Put	3,000	730.7079	725.7732	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.35 Put	139,342	773.3402	768.2263	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.44 Put	7,000	851.0941	845.7129	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.45 Put	1,000	859.8496	854.4394	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.46 Call	6,332	68.5269	70.8881	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	66.1457	68.4505	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Call	225,780	63.8465	66.0982	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Put	50	903.9465	898.3982	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	930.6493	925.0201	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.56 Put	138,000	957.5232	951.8175	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.65 Put	10,000	1039.0963	1033.1721	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.74 Put	24,325	1121.9315	1115.8092	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.80 Call	2,000	37.6647	39.2219	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.81 Put	135,043	1187.1134	1180.8510	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	1196.4739	1190.1920	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.83 Put	10,010	1205.8459	1199.5448	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.84 Put	134,750	1215.2291	1208.9090	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.00 Call	1,260	26.6431	27.8530	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.04 Put	63,500	1404.9804	1398.3296	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.10 Put	1,000	1462.1159	1455.3402	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.12 Put	99,824	1481.2026	1474.3854	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.13 Put	7,100	1490.7595	1483.9217	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	18.9739	19.8580	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.19 Put	41,300	1548.2805	1541.3278	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Put	2,500	1557.8957	1550.9248	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.22 Call	2,785	17.0496	17.8433	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.25 Call	1,500	15.9852	16.7287	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	15.32 Put	262,812	1673.8428	1666.6791	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.40 Call	2,000	11.5484	12.0780	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	10.3517	10.8231	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	10.1274	10.5874	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.50 Call	3,050	9.2751	9.6936	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	8.4925	8.8721	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.66 Call	139,342	6.5092	6.7907	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.81 Call	10	4.6552	4.8455	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.83 Call	135,043	4.4510	4.6310	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.89 Call	4,145	3.8892	4.0420	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.00 Call	1,906	3.0343	3.1462	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.13 Call	138,000	2.2605	2.3362	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.18 Call	1,800	2.0179	2.0827	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.30 Call	10,000	1.5361	1.5797	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.38 Call	134,750	1.2804	1.3133	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.58 Call	10,000	1.2040	1.2289	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.60 Call	50	1.2027	1.2271	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.96 Call	12,600	1.1992	1.2145	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.97 Call	63,500	1.1996	1.2146	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.02 Call	262,812	1.2018	1.2158	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.08 Call	7,028	1.2053	1.2180	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.09 Call	99,824	1.2060	1.2184	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.10 Call	2,500	1.2066	1.2189	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.23 Call	41,300	1.2173	1.2269	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.30 Call	10,125	1.2245	1.2327	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.50 Call	16,000	1.2500	1.2544	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.00 Call	14,200	0.7908	0.7900	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.40 Call	7,100	0.3514	0.3504	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	3.7197	3.3594	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	46.0454	42.5991	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.65 Put	1,050	90.3240	84.4836	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	109.8256	103.1277	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	165.6259	156.8443	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.00 Put	165,703	171.2412	162.2729	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	251.7659	240.5407	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.25 Put	4,582	255.6395	244.3209	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.50 Call	10,000	670.1205	665.1102	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.60 Call	700	619.3907	613.6018	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	539.1981	523.4439	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.88 Put	5,035	569.3974	553.4820	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.90 Call	100	487.9874	480.5099	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.98 Call	1,000	458.3003	450.6129	0.0000	0.0000	0	0.00

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Jun 2019	ZAUS	14.00 Call	1,000	451.1634	443.4312	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.00 Put	143,900	644.8634	628.6312	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.07 Put	39,589	690.7391	674.3693	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.20 Put	13,600	779.3461	762.7958	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.25 Put	1,282	814.5397	797.9470	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.35 Call	1,050	342.9754	334.8361	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.42 Call	30	324.7848	316.6383	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	286.9135	278.8317	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.63 Put	8,203	1099.7612	1083.2232	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.65 Put	1,000	1115.5475	1099.0275	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	238.7434	230.9210	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.00 Call	20,000	208.4943	200.9523	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.10 Call	1,500	193.5755	186.2104	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.32 Call	1,980	163.7320	156.7874	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.50 Call	145,182	142.3973	135.8280	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.62 Call	5,035	129.8721	123.5582	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.64 Call	39,589	127.9042	121.6360	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	113.3071	107.3819	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.89 Call	6,800	105.9197	100.1877	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	103.5776	97.9114	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.00 Call	20	97.6160	92.1180	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.09 Call	6,800	91.3690	86.0589	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	17.96 Call	8,203	30.9871	27.5903	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	8.0065	7.7657	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.50 Put	1,000	123.8877	120.8120	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.15 Put	11,333	301.2540	293.7220	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.25 Put	3,900	338.3156	330.1819	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.65 Call	5,666	842.4500	839.5788	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.70 Put	2,000	550.6079	539.1486	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.97 Put	800	703.1883	690.8220	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.00 Put	1,000	721.2998	708.7617	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.21 Put	2,700	853.6735	840.7900	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.38 Put	5,000	1736.0567	1722.6879	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.56 Put	2,571	1885.2845	1871.9504	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.87 Call	1,000	247.7827	242.9690	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.23 Call	800	131.7081	127.7177	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.64 Call	5,000	115.0466	111.2435	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.85 Call	2,700	107.9035	104.1913	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.93 Call	2,571	105.3938	101.7156	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	18.47 Call	1,200	80.4662	77.2762	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	11.89 Put	1,000	58.8403	56.8171	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	13.66 Put	1,000	584.7914	573.6601	0.0000	0.0000	0	0.00

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Dec 2019	ZAUS	14.07 Put	1,351	814.0138	801.5651	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	16.85 Call	1,351	259.8654	255.3224	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	17.38 Call	1,000	219.6056	215.4496	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	71.1509	69.0422	0.0000	0.0000	0	0.00	
Mar 2020	ZAUS	11.91 Put	1,000	62.5345	61.0892	0.0000	0.0000	0	0.00	
Mar 2020	ZAUS	14.01 Put	1,000	820.0962	808.1692	0.0000	0.0000	0	0.00	
Mar 2020	ZAUS	17.73 Call	1,000	309.8433	306.2968	0.0000	0.0000	0	0.00	
			<u>4,473,293</u>					<u>0.00</u>	<u>0.00</u>	<u>64 651 325.00</u>
		Total	5,129,831					77,026.00	1,055,397,955.30	259 795 280.00
										2 353 519 045 258.00

Grand Total	6,679,850	164,579.00	1 063 035 865.80	355,433,060	3,266,526,845,494.53
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