



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 14-March-2019

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Mar 2019	DAEU	Future	53	16.4241	16.3453	0.0000	0.0000	0	0.00
Apr 2019	DAEU	Future	4	16.4809	16.4014	0.0000	0.0000	0	0.00
Apr 2019	DAEU	Future	1	16.5176	16.4375	0.0000	0.0000	0	0.00
			<u>58</u>					<u>0.00</u>	<u>0.00</u>
									<u>816 108.00</u>
									<u>12 204 137 941.00</u>
Option									
Aug 2019	DAEU	19.65 Call	62,400	116.9370	111.8262	0.0000	0.0000	0	0.00
Feb 2020	DAEU	16.65 Call	21,000	1443.7659	1383.2779	0.0000	0.0000	0	0.00
Feb 2020	DAEU	16.91 Call	15,000	1305.3053	1249.4378	0.0000	0.0000	0	0.00
Feb 2020	DAEU	17.00 Call	15,000	1260.2966	1206.0300	0.0000	0.0000	0	0.00
Feb 2020	DAEU	17.07 Call	15,000	1226.3028	1173.2758	0.0000	0.0000	0	0.00
			<u>128,400</u>					<u>0.00</u>	<u>0.00</u>
									<u>1 749 987.00</u>
									<u>0.00</u>
		Total	128,458					0.00	0.00
									2 566 095.00
									12 204 137 941.00
Future									
Mar 2019	DAGB	Future	80	19.2374	19.0482	0.0000	0.0000	0	0.00
Apr 2019	DAGB	Future	43	19.2929	19.1022	0.0000	0.0000	2	38,443.00
Apr 2019	DAGB	Future	120	19.3285	19.1370	0.0000	0.0000	0	0.00
Apr 2019	DAGB	Future	27	19.3383	19.1465	0.0000	0.0000	0	0.00
			<u>270</u>					<u>2.00</u>	<u>38,443.00</u>
									<u>66 926.00</u>
									<u>1 122 552 906.30</u>
		Total	270					2.00	38,443.00
									274 239.00
									1 122 552 906.30
Future									
Mar 2019	DAUS	Future	13,500	14.4956	14.4194	0.0000	0.0000	9,000	130,481,100.00
Mar 2019	DAUS	Future	18,000	14.5059	14.4293	0.0000	0.0000	4,000	58,026,400.00
Mar 2019	DAUS	Future	0	14.5094	14.4327	0.0000	0.0000	7,462	108,113,187.00
Mar 2019	DAUS	Future	3,708	14.5128	14.4360	0.0000	0.0000	54	780,030.00
Apr 2019	DAUS	Future	10,000	14.5181	14.4411	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	55	14.5198	14.4428	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	20,000	14.5233	14.4461	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	2,025	14.5251	14.4478	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	260	14.5426	14.4645	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	349	14.5617	14.4831	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	15	14.5669	14.4882	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	2,012	14.5687	14.4899	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	25,000	14.5843	14.5051	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	93	14.5913	14.5119	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	387	14.6192	14.5393	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	416	14.6227	14.5427	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	74	14.6297	14.5495	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	2,607	14.6718	14.5910	0.0000	0.0000	467	6,857,381.30		
Jul 2019	DAUS	Future	55	14.6771	14.5962	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	682	14.7299	14.6489	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.7316	14.6506	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	1,678	14.7820	14.7015	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.7872	14.7067	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	74	14.7906	14.7102	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	53	14.8381	14.7566	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.8419	14.7602	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	108	14.8951	14.8120	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	Future	52	14.9483	14.8653	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.9538	14.8710	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	321	14.9576	14.8748	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.0109	14.9272	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.0646	14.9797	0.0000	0.0000	0	0.00		
Feb 2020	DAUS	Future	3,500	15.1171	15.0313	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	15.1227	15.0368	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.1816	15.0952	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.2335	15.1466	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	15.2989	15.2114	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.4126	15.3202	0.0000	0.0000	0	0.00		
			<u>190,574</u>					<u>20,983.00</u>	<u>304,258,098.30</u>	<u>11 505 693.00</u>	<u>142 312 614 491.00</u>
Option											
Mar 2019	DAUS	14.13 Call	50,000	377.6514	313.8800	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.20 Put	30,000	25.0936	39.7500	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.80 Call	30,000	704.6596	631.6482	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.20 Call	30,000	333.1313	276.5697	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.20 Put	30,000	32.4313	52.2697	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.53 Put	30,000	137.1489	195.9989	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.37 Call	20,000	218.9547	182.5949	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.37 Put	20,000	83.0547	123.2949	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.88 Put	32,000	10.4283	17.8836	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.00 Put	65,000	19.2554	32.1881	0.0000	0.0000	0	0.00		

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Mar 2019	DAUS	13.84 Call	15,000	680.0331	610.1512	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.00 Call	6,500	531.7017	469.2387	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.18 Call	15,000	378.1332	328.5808	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.50 Put	20,000	152.9206	0.0000	0.0000	0.0000	20,000	0.00
Mar 2019	DAUS	13.00 Put	500	0.2691	0.9659	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.45 Put	600	1.7259	3.4423	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.87 Call	600	654.2482	585.9027	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Put	250	55.3059	84.8320	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	67.5780	101.4261	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.40 Call	600	229.4064	200.0037	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	108.6645	98.7784	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	10.8490	11.3609	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.79 Call	250	3.7078	4.2333	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.00 Call	30,000	553.5108	495.1057	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.76 Put	100	9.2231	17.6110	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Put	35,000	75.9586	0.0000	0.0000	0.0000	35,000	0.00
Apr 2019	DAUS	14.35 Call	100	303.6165	271.5687	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	6.0747	6.9497	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	1103.8888	1033.4544	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Put	250	162.3326	203.2165	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	181.0534	224.1859	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	232.6164	219.0167	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	83.3412	79.7900	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.96 Call	250	52.2372	50.3064	0.0000	0.0000	0	0.00
May 2019	DAUS	13.72 Call	50,000	925.0338	865.5690	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Call	50,000	572.7958	533.7616	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Call	61,000	587.6385	546.8511	0.0000	0.0000	0	0.00
May 2019	DAUS	15.25 Call	40,000	204.0273	191.6104	0.0000	0.0000	0	0.00
May 2019	DAUS	15.50 Call	21,000	156.0350	146.4893	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	17.1209	21.7581	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Put	250	234.4699	271.4680	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	254.6437	293.2949	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	299.5197	280.2030	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	139.5907	130.9372	0.0000	0.0000	0	0.00
May 2019	DAUS	16.15 Call	250	98.6707	92.0525	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.83 Put	45,000	129.8307	152.8102	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.06 Put	18,000	198.1107	229.0613	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.15 Put	18,000	230.6592	264.4789	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	18,000	270.4406	307.4328	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	33.2936	38.7672	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.02 Put	29,000	211.4605	241.6514	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.20 Put	250	278.8228	314.2064	0.0000	0.0000	0	0.00

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Jun 2019	DAUS	14.25 Put	250	299.5506	336.3647	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	337.2116	316.0559	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.33 Call	29,000	295.4176	276.8948	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.96 Call	250	176.7609	165.5098	0.0000	0.0000	0	0.00
Jun 2019	DAUS	16.32 Call	250	131.9597	122.8044	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.00 Put	500	52.0095	58.2270	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.20 Put	250	322.5095	356.3011	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.25 Put	250	343.6562	378.6845	0.0000	0.0000	0	0.00
Jul 2019	DAUS	15.34 Call	500	378.7626	356.3204	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.14 Call	250	217.5467	203.2590	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.50 Call	250	168.6343	156.5980	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.48 Put	3,147	465.7758	505.1973	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.35 Call	3,147	211.0922	196.3940	0.0000	0.0000	0	0.00
Aug 2019	DAUS	13.00 Put	500	68.5490	75.2522	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.20 Put	250	356.6151	388.7739	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.25 Put	250	377.9596	411.2563	0.0000	0.0000	0	0.00
Aug 2019	DAUS	15.52 Call	500	404.3463	381.3221	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.33 Call	250	245.6367	228.9617	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.70 Call	250	194.0833	180.1468	0.0000	0.0000	0	0.00
Sep 2019	DAUS	19.00 Call	20,000	64.3962	57.3470	0.0000	0.0000	0	0.00
Sep 2019	DAUS	13.00 Put	500	83.4969	90.7850	0.0000	0.0000	0	0.00
Sep 2019	DAUS	14.20 Put	250	384.8993	417.3551	0.0000	0.0000	0	0.00
Sep 2019	DAUS	14.25 Put	250	406.3941	439.9209	0.0000	0.0000	0	0.00
Sep 2019	DAUS	15.68 Call	500	435.1742	411.9697	0.0000	0.0000	0	0.00
Sep 2019	DAUS	16.50 Call	250	276.0997	258.7540	0.0000	0.0000	0	0.00
Sep 2019	DAUS	16.89 Call	250	220.9245	206.2692	0.0000	0.0000	0	0.00
Oct 2019	DAUS	13.00 Put	500	96.2053	105.3589	0.0000	0.0000	0	0.00
Oct 2019	DAUS	14.20 Put	250	411.1345	445.0372	0.0000	0.0000	0	0.00
Oct 2019	DAUS	14.25 Put	250	432.8006	467.6905	0.0000	0.0000	0	0.00
Oct 2019	DAUS	15.87 Call	500	459.7141	436.7968	0.0000	0.0000	0	0.00
Oct 2019	DAUS	16.70 Call	250	302.3186	284.8032	0.0000	0.0000	0	0.00
Oct 2019	DAUS	17.09 Call	250	247.5319	232.4985	0.0000	0.0000	0	0.00
Nov 2019	DAUS	13.00 Put	500	105.9009	116.0911	0.0000	0.0000	0	0.00
Nov 2019	DAUS	14.20 Put	250	432.7617	466.2572	0.0000	0.0000	0	0.00
Nov 2019	DAUS	14.25 Put	250	454.5125	488.9236	0.0000	0.0000	0	0.00
Nov 2019	DAUS	16.03 Call	500	484.1094	461.0728	0.0000	0.0000	0	0.00
Nov 2019	DAUS	16.87 Call	250	326.5663	308.5509	0.0000	0.0000	0	0.00
Nov 2019	DAUS	17.26 Call	250	271.9832	256.3133	0.0000	0.0000	0	0.00
Dec 2019	DAUS	13.00 Put	500	114.3545	125.9383	0.0000	0.0000	0	0.00
Dec 2019	DAUS	14.20 Put	250	455.0713	487.0826	0.0000	0.0000	0	0.00
Dec 2019	DAUS	14.25 Put	250	475.3138	509.7767	0.0000	0.0000	0	0.00
Dec 2019	DAUS	16.21 Call	500	507.8925	485.3307	0.0000	0.0000	0	0.00

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Dec 2019	DAUS	17.05	Call	250	352.3621	334.4934	0.0000	0.0000	0	0.00
Dec 2019	DAUS	17.44	Call	250	298.1636	282.4782	0.0000	0.0000	0	0.00
				<u>890,794</u>					<u>55,000.00</u>	<u>0.00</u>
	Total			1,081,368					75,983.00	304,258,098.30
										35 499 922.00
										142 312 614 491.00
										0.00
Future										
Mar 2019	EUUS		Future	5	1.1306	1.1312	0.0000	0.0000	0	0.00
Jun 2019	EUUS		Future	0	1.1389	1.1396	0.0000	0.0000	582	6,640,620.00
				<u>5</u>					<u>582.00</u>	<u>6,640,620.00</u>
	Total			5					582.00	6,640,620.00
										745 984.00
										8 462 814 520.00
Future										
Mar 2019	GBUS		Future	5	1.3248	1.3188	0.0000	0.0000	0	0.00
Dec 2019	GBUS		Future	2,219	1.3417	1.3357	0.0000	0.0000	0	0.00
				<u>2,224</u>					<u>0.00</u>	<u>0.00</u>
	Total			2,224					0.00	0.00
										176 160.00
										2 268 523 867.00
Future										
Mar 2019	ZAAD		Future	4,865	10.2248	10.1941	10.2242	10.2242	372	3,792,325.60
Jun 2019	ZAAD		Future	15,800	10.3468	10.3133	0.0000	0.0000	368	3,797,428.80
Sep 2019	ZAAD		Future	513	10.4814	10.4476	0.0000	0.0000	0	0.00
Dec 2019	ZAAD		Future	400	10.6156	10.5802	0.0000	0.0000	0	0.00
				<u>21,578</u>					<u>740.00</u>	<u>7,589,754.40</u>
	Total									3 852 609.00
										33 759 825 234.50
Option										
Dec 2019	ZAAD	11.00	Call	1,000	316.1161	302.2260	0.0000	0.0000	0	0.00
				<u>1,000</u>					<u>0.00</u>	<u>0.00</u>
	Total			22,578					740.00	7,589,754.40
										3 886 986.00
										33 759 825 234.50
Future										
Mar 2019	ZACA		Future	500	10.8809	10.8247	0.0000	0.0000	0	0.00
Jun 2019	ZACA		Future	400	11.0187	10.9591	0.0000	0.0000	0	0.00
Sep 2019	ZACA		Future	400	11.1655	11.1061	0.0000	0.0000	0	0.00
				<u>1,300</u>					<u>0.00</u>	<u>0.00</u>
	Total			1,300					0.00	0.00
										150 863.00
										1 496 897 890.10
Future										
Jun 2019	ZADK		Future	250	2.2367	2.2262	0.0000	0.0000	0	0.00
				<u>250</u>					<u>0.00</u>	<u>0.00</u>
	Total			250					0.00	0.00
										13 625.00
										294 020 589.00

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Mar 2019	ZAEU	Future	36,389	16.3870	16.3096	16.3980	16.3425	20,240	330,787,239.90	
Jun 2019	ZAEU	Future	119,764	16.6822	16.5995	16.6576	16.6576	2,932	48,762,798.30	
Sep 2019	ZAEU	Future	39,779	17.0016	16.9188	0.0000	0.0000	35,662	604,774,027.00	
Dec 2019	ZAEU	Future	17,761	17.3137	17.2280	0.0000	0.0000	0	0.00	
Mar 2020	ZAEU	Future	4,361	17.6566	17.5664	0.0000	0.0000	0	0.00	
			<u>218,054</u>					<u>58,834.00</u>	<u>984,324,065.20</u>	<u>16 578 704.00</u> <u>240 299 740 065.70</u>
Option										
Mar 2019	ZAEU	16.00 Call	650	393.2574	326.9075	0.0000	0.0000	0	0.00	
Jun 2019	ZAEU	15.35 Put	570	56.0772	68.1918	0.0000	0.0000	0	0.00	
Jun 2019	ZAEU	16.64 Call	300	520.7853	0.0000	0.0000	0.0000	300	0.00	
Sep 2019	ZAEU	15.62 Put	14,429	172.3653	189.1896	0.0000	0.0000	0	0.00	
Sep 2019	ZAEU	18.27 Call	14,429	356.0426	339.9026	0.0000	0.0000	0	0.00	
Sep 2019	ZAEU	18.60 Call	55,000	298.0145	285.1233	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	13.73 Put	17,150	24.9236	21.5472	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	14.09 Put	136,646	36.7538	34.8328	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	15.70 Put	136,646	236.8468	250.5932	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	16.15 Put	17,150	365.3198	385.1078	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	19.79 Call	136,646	318.7738	306.6476	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	20.62 Call	17,150	231.9433	224.5161	0.0000	0.0000	0	0.00	
			<u>546,766</u>					<u>300.00</u>	<u>0.00</u>	<u>11 684 913.00</u> <u>0.00</u>
	Total		764,820					59,134.00	984,324,065.20	28 263 617.00 240 299 740 065.70
Future										
Mar 2019	ZAFR	Future	893	14.4377	14.3367	0.0000	0.0000	0	0.00	
Jun 2019	ZAFR	Future	1,393	14.7103	14.6040	0.0000	0.0000	0	0.00	
Sep 2019	ZAFR	Future	100	15.0067	14.8998	0.0000	0.0000	0	0.00	
			<u>2,386</u>					<u>0.00</u>	<u>0.00</u>	<u>630 409.00</u> <u>6 809 439 880.60</u>
	Total		2,386					0.00	0.00	630 409.00 6 809 439 880.60
Future										
Mar 2019	ZAGB	Future	40,103	19.2012	19.0136	19.2068	19.1290	794	15,155,809.80	
Jun 2019	ZAGB	Future	198,850	19.4881	19.2930	19.5336	19.4970	12,887	251,354,834.90	
Sep 2019	ZAGB	Future	19,514	19.7941	19.5983	0.0000	0.0000	0	0.00	
Dec 2019	ZAGB	Future	12,845	20.0914	19.8913	0.0000	0.0000	560	11,256,617.00	
Mar 2020	ZAGB	Future	4,674	20.4127	20.2061	0.0000	0.0000	0	0.00	
			<u>275,986</u>					<u>14,241.00</u>	<u>277,767,261.70</u>	<u>14 505 198.00</u> <u>249 106 956 962.70</u>
Option										
Mar 2019	ZAGB	18.00 Put	500	2.1955	3.7478	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	19.00 Call	2,500	263.7078	126.9813	0.0000	0.0000	500	0.00	
Mar 2019	ZAGB	19.19 Put	1,000	118.9279	242.3778	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	20.00 Call	500	10.2327	5.6746	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Mar 2019	ZAGB	20.18 Call	1,500	6.4103	3.2929	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	21.44 Call	500	0.3379	0.2033	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	18.00 Call	1,000	1602.7755	1434.5186	0.0000	0.0000	0	0.00	
Dec 2019	ZAGB	18.75 Put	500	478.4599	0.0000	0.0000	0.0000	500	0.00	
Dec 2019	ZAGB	22.13 Call	500	440.5738	0.0000	0.0000	0.0000	500	0.00	
Mar 2020	ZAGB	19.00 Call	0	2025.6214	1879.0230	0.0000	0.0000	500	0.00	
			8,500					2,000.00	0.00	1 790 313.00
		Total	284,486					16,241.00	277,767,261.70	16 295 511.00 249 106 956 962.70
Future										
Mar 2019	ZAJY	Future	10,000	0.1299	0.1296	0.0000	0.0000	0	0.00	
			10,000					0.00	0.00	1 091 937.00 12 363 272 053.60
		Total	10,000					0.00	0.00	1 091 937.00 12 363 272 053.60
Future										
Jun 2019	ZAKS	Future	2,166	0.1444	0.1432	0.0000	0.0000	0	0.00	
			2,166					0.00	0.00	38 066.00 515 662 000.00
		Total	2,166					0.00	0.00	38 066.00 515 662 000.00
Future										
Sep 2019	ZANZ	Future	646	10.1289	10.1109	0.0000	0.0000	0	0.00	
			646					0.00	0.00	146 792.00 1 127 677 204.60
		Total	646					0.00	0.00	166 792.00 1 127 677 204.60
Future										
Mar 2019	ZATR	Future	1,696	2.6438	2.6293	0.0000	0.0000	25,000	65,875,000.00	
Jun 2019	ZATR	Future	30,000	2.5440	2.5307	0.0000	0.0000	30,000	76,040,000.00	
			31,696					55,000.00	141,915,000.00	502 335.00 1 532 535 989.90
		Total	31,696					55,000.00	141,915,000.00	502 335.00 1 532 535 989.90
Future										
Mar 2019	ZAUM	Future	61	14.4938	14.4177	0.0000	0.0000	0	0.00	
Jun 2019	ZAUM	Future	465	14.6471	14.5666	0.0000	0.0000	0	0.00	
			526					0.00	0.00	156 683.00 182 134 029 190.00
		Total	526					0.00	0.00	161 206.00 182 134 029 190.00
Future										
Mar 2019	ZAUS	Future	624,045	14.4938	14.4177	14.5115	14.4240	50,005	722,819,268.80	
Jun 2019	ZAUS	Future	413,380	14.6471	14.5666	14.6711	14.5796	121,284	1,774,393,411.90	
Sep 2019	ZAUS	Future	26,686	14.8116	14.7313	0.0000	0.0000	21,154	312,610,504.00	
Dec 2019	ZAUS	Future	11,143	14.9743	14.8917	0.0000	0.0000	560	8,345,288.00	

<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 2020	ZAUS	Future	10,345	15.1489	15.0627	0.0000	0.0000	7,462	112,930,281.10	
Jun 2020	ZAUS	Future	700	15.3181	15.2305	0.0000	0.0000	0	0.00	
			<u>1,086,299</u>					<u>200,465.00</u>	<u>2,931,098,753.80</u>	<u>198 802 718.00</u>
										<u>2 405 603 017 764.00</u>
Option										
Mar 2019	ZAUS	10.33 Put	1,000	0.0000	0.0000	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	11.74 Put	1,000	0.0000	0.0152	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.47 Put	721	0.0001	0.0222	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.51 Put	720	0.0002	0.0227	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.80 Put	7,520	0.0040	0.0262	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.90 Put	16,000	0.0110	0.0276	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.92 Put	139,342	0.0134	0.0279	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.00 Put	15,434	0.0285	0.0292	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.05 Put	1,155	0.0451	0.0381	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.12 Put	138,000	0.0524	0.0557	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.15 Put	10,125	0.0559	0.0656	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.25 Put	225,407	0.0705	0.1143	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.33 Put	135,043	0.0859	0.1793	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.36 Put	134,750	0.0929	0.2126	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.46 Put	20,000	0.1221	0.3773	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.50 Put	7,550	0.1372	0.4757	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.55 Put	10,000	0.1597	0.6368	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.60 Call	500	893.9874	818.5540	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.60 Put	6,570	0.1874	0.8540	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.62 Put	6,432	0.2002	0.9607	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.68 Put	14,200	0.2463	1.3701	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.70 Put	2,500	0.2648	1.5427	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.72 Put	10,000	0.2851	1.7283	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.79 Put	262,812	0.4408	2.5787	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.82 Put	2,100	0.5617	3.0648	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.85 Put	1,000	0.7155	3.6447	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.86 Put	721	0.7755	3.8618	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.90 Put	720	1.0699	4.8702	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.95 Call	1,000	545.3967	474.2137	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.00 Call	100	496.1762	426.4151	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.00 Put	29,200	2.3762	8.7151	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.04 Put	7,100	3.2572	10.9985	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.20 Call	2,000	304.8938	245.2955	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.25 Call	750	259.8029	204.2155	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.28 Put	7,028	19.8383	43.0821	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.30 Call	250	216.6403	165.7394	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.30 Put	3,000	22.8403	48.0394	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.35 Put	139,342	32.1975	62.7374	0.0000	0.0000	0	0.00	

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Mar 2019	ZAUS	14.44 Put	7,000	57.5523	104.4746	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.45 Put	1,000	61.1846	110.7180	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.46 Call	6,332	98.7992	74.8219	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	86.9932	68.0887	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Call	225,780	75.9684	61.9348	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Put	50	82.1684	144.2348	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	100.9687	166.0021	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.56 Put	138,000	121.3733	188.8510	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.65 Put	10,000	190.3552	262.6718	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.74 Put	24,325	267.6087	342.2800	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.80 Call	2,000	15.8593	15.2227	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.81 Put	135,043	331.3012	406.8577	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	340.5841	416.2248	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.83 Put	10,010	349.9054	425.6219	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.84 Put	134,750	359.2626	435.0481	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.00 Call	1,260	6.3411	6.4961	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.04 Put	63,500	551.5663	627.8406	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.10 Put	1,000	610.4210	686.6964	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.12 Put	99,824	630.1069	706.3781	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.13 Put	7,100	639.9606	716.2291	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	3.2391	3.3470	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.19 Put	41,300	699.2119	775.3704	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Put	2,500	709.1058	785.2414	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.22 Call	2,785	2.6348	2.7006	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.25 Call	1,500	2.2756	2.3788	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.32 Put	262,812	827.8244	904.0790	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.40 Call	2,000	1.1151	1.2888	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	0.8861	1.0594	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	0.8467	1.0192	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.50 Call	3,050	0.7071	0.8745	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	0.5920	0.7524	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.66 Call	139,342	0.3534	0.4871	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.81 Call	10	0.1922	0.2927	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.83 Call	135,043	0.1778	0.2742	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.89 Call	4,145	0.1412	0.2333	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.00 Call	1,906	0.1033	0.1813	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.13 Call	138,000	0.0839	0.1382	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.18 Call	1,800	0.0780	0.1253	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.30 Call	10,000	0.0666	0.1006	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.38 Call	134,750	0.0606	0.0879	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.58 Call	10,000	0.0495	0.0648	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.60 Call	50	0.0486	0.0630	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	16.96 Call	12,600	0.0376	0.0408	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.97 Call	63,500	0.0374	0.0404	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.02 Call	262,812	0.0364	0.0384	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.08 Call	7,028	0.0353	0.0363	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.09 Call	99,824	0.0351	0.0359	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.10 Call	2,500	0.0350	0.0356	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.23 Call	41,300	0.0331	0.0317	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.30 Call	10,125	0.0322	0.0300	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.50 Call	16,000	0.0445	0.0602	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.00 Call	14,200	0.1732	0.2166	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.40 Call	7,100	0.3743	0.4519	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	0.5833	0.7133	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	9.5320	10.6460	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.65 Put	1,050	15.8839	17.8878	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	18.2633	20.6102	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.92 Put	2,100	23.1940	26.2610	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	25.2483	28.6191	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.00 Put	165,703	25.9747	29.4529	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.10 Put	14,000	29.9456	34.0383	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	38.2680	48.0231	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.25 Put	4,582	39.2409	49.1707	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.30 Put	143,800	44.3981	55.2319	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.35 Put	4,317	50.0675	61.8498	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.50 Call	7,500	1217.5525	1151.9468	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.60 Call	700	1134.2533	1070.9262	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.60 Put	700	87.1533	104.3262	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	136.3492	159.2806	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.90 Call	100	901.6793	846.9892	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.91 Put	1,000	157.4935	183.6059	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.98 Call	1,000	845.9932	793.7473	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.00 Call	23,500	832.4361	780.8046	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.00 Put	301,700	185.3361	214.2046	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.06 Put	2,100	205.5376	236.2617	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.07 Put	39,589	209.0348	240.0681	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.20 Put	13,600	257.8624	292.9266	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.25 Put	1,982	278.3191	314.9210	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.30 Put	30,000	299.7018	337.8367	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.35 Call	1,050	619.1094	578.2638	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.42 Call	30	581.8814	543.1322	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.44 Put	31,500	364.4751	406.8161	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	503.4241	469.9013	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.63 Put	8,203	463.6498	513.0155	0.0000	0.0000	0	0.00

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Jun 2019	ZAUS	14.65 Put	1,000	474.8187	525.1335	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.75 Call	1,000	431.9222	404.2312	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	405.8503	379.8108	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.00 Call	17,500	345.5954	323.4294	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.10 Call	2,900	316.0255	295.7894	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.30 Call	14,000	264.3275	247.4965	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.32 Call	1,980	259.6607	243.0932	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.50 Call	146,182	221.1479	206.9369	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.60 Call	143,800	202.3127	189.3286	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.64 Call	39,589	195.2608	182.7377	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	169.5790	158.7306	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.89 Call	6,800	156.7562	146.7449	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	152.7209	142.9736	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.00 Call	5,020	142.5060	133.4228	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.09 Call	6,800	131.9088	122.9048	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	17.96 Call	8,203	22.1577	19.7636	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	4.5991	4.5070	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.50 Put	1,000	36.3760	38.7416	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.87 Put	9,783	64.2720	68.6516	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.02 Put	17,287	79.7534	0.0000	0.0000	0.0000	17,633	0.00
Sep 2019	ZAUS	13.15 Put	11,333	95.5161	102.1277	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.25 Put	3,900	109.2749	116.8595	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.65 Call	5,666	1352.7896	1289.8424	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.70 Put	2,000	204.2843	222.6683	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.77 Put	28,500	223.6280	243.4866	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.97 Put	800	285.5280	309.8525	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.00 Put	1,000	295.6825	320.7004	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.12 Put	177	340.3540	369.3265	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.21 Put	2,700	377.3430	408.4156	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.30 Put	9,783	416.5308	449.7072	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.36 Put	111	443.8726	478.4489	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.46 Put	17,287	491.5683	0.0000	0.0000	0.0000	17,287	0.00
Sep 2019	ZAUS	14.50 Call	14,000	822.9808	780.4974	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.65 Put	3,000	589.3478	630.5718	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.85 Put	3,000	702.5311	748.2699	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.00 Call	750	606.3870	574.3691	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.03 Call	177	595.4442	563.9141	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.16 Call	111	550.2503	520.7687	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.38 Put	5,000	1049.9287	1103.9509	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.51 Call	28,500	445.1474	420.7759	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.56 Put	2,571	1180.3746	1237.0395	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.87 Call	1,000	360.0388	339.6159	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 2019	ZAUS	17.12 Call	17,287	172.3685	0.0000	0.0000	0.0000	34,920	0.00	
Sep 2019	ZAUS	17.18 Call	9,783	166.4445	154.1318	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	17.23 Call	800	161.6812	149.6263	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	17.64 Call	5,000	127.9431	117.7730	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	17.85 Call	2,700	115.0406	105.9457	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	17.93 Call	2,571	111.0505	102.0595	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	18.47 Call	1,200	88.7186	80.3432	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	11.89 Put	1,000	14.6910	14.9175	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	12.87 Put	139,860	88.7727	99.8494	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	13.00 Put	49,600	108.8336	121.5597	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	13.66 Put	1,000	258.6295	279.9445	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	13.80 Put	500	300.5178	324.1768	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	13.94 Put	139,860	346.5462	372.6127	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	14.00 Put	15,500	367.5591	394.6737	0.0000	0.0000	500	0.00	
Dec 2019	ZAUS	14.07 Put	1,351	393.0493	421.3941	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	14.41 Put	49,600	537.1333	574.3872	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	15.80 Call	250	569.2872	543.7163	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	16.20 Call	50,100	475.1817	453.2010	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	16.25 Call	15,000	464.7532	443.1731	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	16.37 Call	500	440.8185	0.0000	0.0000	0.0000	500	0.00	
Dec 2019	ZAUS	16.85 Call	1,351	353.6911	335.5625	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	17.02 Call	139,860	327.3333	310.1900	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	17.38 Call	1,000	278.6372	263.3517	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	102.6702	92.8512	0.0000	0.0000	0	0.00	
Mar 2020	ZAUS	11.91 Put	1,000	16.9442	16.8403	0.0000	0.0000	0	0.00	
Mar 2020	ZAUS	14.01 Put	1,000	429.5119	460.2240	0.0000	0.0000	0	0.00	
Mar 2020	ZAUS	17.73 Call	1,000	374.5297	358.9559	0.0000	0.0000	0	0.00	
			<u>5,790,361</u>					<u>70,840.00</u>	<u>0.00</u>	<u>67 355 378.00</u>
		Total	6,876,660					271,305.00	2,931,098,753.80	266 158 096.00
										2 405 603 017 764.00
		Grand Total	9,209,839					478,987.00	4 653 631 996.40	365,381,375
										3,344,822,014,263.83