



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 26-September-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Oct 2018	CC01	Future	25,000	627.7928	627.7928	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											
Oct 2018	DAEU	Future	34	16.7335	17.0074	0.0000	0.0000	0	0.00		
			<u>34</u>					<u>0.00</u>	<u>0.00</u>	<u>801 328.00</u>	<u>11 965 949 271.80</u>
Option											
Aug 2019	DAEU	16.03 Put	31,200	324.1712	274.6460	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	16.24 Put	20,000	386.5428	323.8009	0.0000	0.0000	10,200	0.00		
Aug 2019	DAEU	17.01 Put	31,200	682.1108	583.3830	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	19.65 Call	62,400	660.4212	751.4509	0.0000	0.0000	0	0.00		
			<u>144,800</u>					<u>10,200.00</u>	<u>0.00</u>	<u>1 308 187.00</u>	<u>0.00</u>
		Total	144,834					10,200.00	0.00	2 109 515.00	11 965 949 271.80
Future											
Sep 2018	DAGB	Future	14	18.7263	18.9346	0.0000	0.0000	0	0.00		
Oct 2018	DAGB	Future	48	18.7772	18.9907	0.0000	0.0000	0	0.00		
			<u>62</u>					<u>0.00</u>	<u>0.00</u>	<u>53 831.00</u>	<u>883 358 081.80</u>
		Total	62					0.00	0.00	261 144.00	883 358 081.80
Future											
Sep 2018	DAUS	Future	0	14.2298	14.3854	0.0000	0.0000	40,000	569,192,000.00		
Sep 2018	DAUS	Future	3,004	14.1975	14.3853	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	55	14.2034	14.3930	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	189	14.2053	14.3950	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	4,041	14.2278	14.4174	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	235	14.2315	14.4212	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.2463	14.4361	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	14.2537	14.4436	0.0000	0.0000	0	0.00		

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Oct 2018	DAUS	Future	2,500	14.2556	14.4455	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	4,099	14.2574	14.4474	0.0000	0.0000	32	459,376.00		
Nov 2018	DAUS	Future	55	14.2593	14.4493	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.2817	14.4722	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	24	14.2855	14.4760	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	120	14.2874	14.4779	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	461	14.3117	14.5027	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	5,724	14.3135	14.5046	0.0000	0.0000	2,000	28,836,000.00		
Dec 2018	DAUS	Future	3,672	14.3363	14.5276	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	4,014	14.3724	14.5637	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.3761	14.5675	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.4279	14.6199	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,420	14.4297	14.6218	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.4538	14.6461	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	5,787	14.4815	14.6742	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	3,731	14.5314	14.7248	0.0000	0.0000	1,366	19,964,568.10		
Mar 2019	DAUS	Future	3,029	14.5351	14.7286	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.5425	14.7361	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	14.5940	14.7886	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	14.6511	14.8468	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	14.7082	14.9051	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.7659	14.9649	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.8256	15.0265	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.8818	15.0851	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.9407	15.1453	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	15.0056	15.2117	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.0685	15.2760	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.1273	15.3362	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	15.1902	15.4006	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.2531	15.4649	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.3079	15.5209	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	15.3769	15.5915	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.4905	15.7077	0.0000	0.0000	0	0.00		
			<u>129,755</u>					<u>43,398.00</u>	<u>618,451,944.10</u>	<u>10 705 613.00</u>	<u>131 025 016 980.00</u>

Option

Sep 2018	DAUS	14.75 Call	20,000	2.0259	11.2360	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	0.0827	0.0723	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	422.6916	610.6806	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	6.0054	5.9232	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.25 Put	250	114.6636	52.8432	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.54 Call	250	14.0229	48.4908	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	0.0408	0.1526	0.0000	0.0000	0	0.00

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Sep 2018	DAUS	16.80 Call	500	0.0304	0.0562	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.88 Put	314	710.0988	562.2550	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.96 Call	314	48.7285	85.2922	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.20 Put	1,630	14.8429	11.3628	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.00 Call	1,630	392.5312	532.2891	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	12.5533	8.7795	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	117.1211	79.9220	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	488.5785	630.9368	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.97 Put	600	176.5685	125.5268	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.25 Put	250	308.5473	232.2943	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.45 Call	600	239.7776	330.5253	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.67 Call	250	176.0207	248.9133	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.82 Put	114	704.9996	577.2839	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.90 Call	600	127.1919	184.3555	0.0000	0.0000	0	0.00
Oct 2018	DAUS	15.01 Call	114	108.5069	159.6750	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	10.0296	18.7339	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	3.6490	7.1174	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.85 Put	1,100	735.7702	607.0086	0.0000	0.0000	0	0.00
Nov 2018	DAUS	15.50 Call	1,100	59.3620	90.7327	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	1.4010	1.6023	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	151.3971	107.1412	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	7.7273	14.0040	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	0.4764	0.4050	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	2.7969	2.8806	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	1106.4668	1281.7754	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.00 Put	10,000	241.6326	181.9658	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.72 Call	5,000	238.6543	312.5748	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.74 Call	5,000	233.4207	306.0848	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Call	5,000	197.7092	261.4849	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Put	15,000	800.3092	673.5849	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.84 Call	10,000	219.0922	286.5148	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.62 Call	20,400	296.6749	378.6771	0.0000	0.0000	0	0.00
Nov 2018	DAUS	15.31 Call	10,000	145.6281	193.0054	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	29.3246	22.5379	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	198.1319	149.0574	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	549.0608	672.1146	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.25 Put	250	402.1417	322.3345	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.82 Call	250	269.2526	340.9343	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	44.3025	61.3636	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	24.1166	36.0596	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.45 Put	23,000	1288.5631	1143.2659	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.90 Put	30,000	249.4033	193.2065	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	14.30 Put	30,000	443.2245	360.4700	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.90 Put	30,000	846.0122	724.0750	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.30 Put	30,000	1163.5017	1024.1764	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	167.6620	129.8947	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.86 Put	7,500	242.6312	189.1951	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.08 Call	7,500	246.4898	308.5225	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	146.0320	186.0880	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.90 Put	35,000	277.2725	220.8415	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.30 Put	35,000	472.8715	391.1691	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.90 Put	35,000	868.5050	750.0404	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.30 Put	35,000	1179.7863	1044.3677	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	80.2225	61.5750	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	98.5817	76.1836	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.66 Call	1,000	393.5459	479.0986	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.75 Call	1,000	365.6784	446.4383	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.00 Put	500	59.5426	49.7708	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	254.5618	203.1791	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.22 Call	500	599.7798	714.8610	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.25 Put	250	463.4015	385.3998	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.96 Put	250	925.9890	807.3763	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	79.7403	101.1762	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	53.0009	66.9481	0.0000	0.0000	0	0.00
Jan 2019	DAUS	12.66 Put	263	46.9315	42.0153	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.00 Put	500	87.7549	75.7696	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.25 Put	250	515.1002	438.2584	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.38 Call	500	637.3414	745.6679	0.0000	0.0000	0	0.00
Jan 2019	DAUS	15.13 Call	250	390.6079	463.1363	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.00 Put	500	114.3038	98.5211	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.25 Put	250	553.7912	478.0934	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.52 Call	500	669.8068	773.9021	0.0000	0.0000	0	0.00
Feb 2019	DAUS	15.27 Call	250	434.0370	506.9797	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.00 Put	50,000	460.1351	0.0000	0.0000	0.0000	50,000	0.00
Mar 2019	DAUS	13.00 Put	500	139.4373	119.5116	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	589.1562	513.4844	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	699.3688	799.9920	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	471.2723	544.2819	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	162.3597	137.1400	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	1399.0179	1552.7097	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	623.0143	547.1985	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	728.4139	825.4791	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	508.7115	580.1612	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	183.2348	152.7922	0.0000	0.0000	0	0.00

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May 2019	DAUS	14.25 Put	250	652.8344	577.0468	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	754.0992	848.2596	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.79 Call	250	541.6244	612.0910	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	14.72 Put	20,000	941.3620	850.1974	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	17.22 Call	20,000	339.0747	386.2809	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	198.2220	166.6173	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	14.25 Put	250	676.5226	601.7275	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	773.5523	866.2784	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.96 Call	250	567.3021	637.5651	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.45 Put	39,250	337.2919	295.9009	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.44 Call	39,250	482.3538	544.9495	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	213.4020	178.0015	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	14.25 Put	250	702.3454	627.4743	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	802.3870	893.3742	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.14 Call	250	600.8763	670.7753	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.48 Put	3,950	838.2661	755.4798	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.35 Call	3,950	584.8183	652.2491	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	226.9498	186.0382	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.25 Put	250	724.1089	648.9692	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	820.1058	909.5943	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.33 Call	250	624.2809	693.8694	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	19.00 Call	20,000	314.9915	344.8318	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	232.0404	195.0573	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.25 Put	250	743.5351	671.6781	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	845.4406	934.2573	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.50 Call	250	652.2450	722.9148	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	252.0144	210.3375	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.25 Put	250	765.9032	694.9613	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	871.5196	959.5047	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	16.70 Call	250	682.1462	753.6104	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	268.5029	227.0395	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.25 Put	250	784.6622	714.5244	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	899.4874	987.3342	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.87 Call	250	712.1714	784.1430	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	285.1940	243.7650	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.25 Put	250	804.0540	733.6231	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	927.4287	1015.0196	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.05 Call	250	744.8250	817.6741	0.0000	0.0000	0	0.00		
			<u>842,819</u>					<u>50,000.00</u>	<u>0.00</u>	<u>20 831 726.00</u>	<u>0.00</u>
	Total		972,574					93,398.00	618,451,944.10	31 537 339.00	131 025 016 980.00

Future

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
	Dec 2018	EUUS	Future	40	1.1820	1.1853	0.0000	0.0000	0	0.00	
				40					0.00	0.00	744 445.00
			Total	40					0.00	0.00	8 445 126 755.00
Future											
	Dec 2018	GBUS	Future	500	1.3235	1.3208	0.0000	0.0000	0	0.00	
				500					0.00	0.00	168 921.00
			Total	500					0.00	0.00	2 173 503 224.00
Future											
	Dec 2018	ZAAD	Future	36,596	10.4155	10.5436	10.4720	10.4705	192	2,010,422.70	
	Mar 2019	ZAAD	Future	520	10.5549	10.6837	0.0000	0.0000	0	0.00	
	Jun 2019	ZAAD	Future	4,929	10.6890	10.8196	0.0000	0.0000	0	0.00	
				42,045					192.00	2,010,422.70	3 738 685.00
			Total	42,045					192.00	2,010,422.70	32 579 503 169.80
Future											
	Dec 2018	ZACA	Future	600	11.0729	11.2384	0.0000	0.0000	0	0.00	
				600					0.00	0.00	137 653.00
			Total	600					0.00	0.00	1 355 055 071.60
Future											
	Dec 2018	ZADK	Future	240	2.2907	2.3287	0.0000	0.0000	0	0.00	
				240					0.00	0.00	12 335.00
			Total	240					0.00	0.00	265 809 909.00
Future											
	Dec 2018	ZAEU	Future	112,823	16.9493	17.2240	17.1307	17.0022	7,669	131,098,979.30	
	Mar 2019	ZAEU	Future	36,651	17.3030	17.5823	0.0000	0.0000	0	0.00	
	Jun 2019	ZAEU	Future	5,256	17.6356	17.9219	0.0000	0.0000	0	0.00	
	Sep 2019	ZAEU	Future	6,834	18.0040	18.3006	0.0000	0.0000	0	0.00	
				161,564					7,669.00	131,098,979.30	15 562 344.00
			Total								223 705 998 220.80
Option											
	Mar 2019	ZAEU	15.60 Put	462	144.1588	117.3009	0.0000	0.0000	0	0.00	
	Mar 2019	ZAEU	16.00 Call	650	1540.6009	1765.4365	0.0000	0.0000	0	0.00	
	Mar 2019	ZAEU	17.33 Put	462	826.7930	691.6634	0.0000	0.0000	0	0.00	
	Mar 2019	ZAEU	19.65 Call	462	266.0377	324.2988	0.0000	0.0000	0	0.00	
				2,036					0.00	0.00	10 794 564.00
			Total	163,600					7,669.00	131,098,979.30	26 356 908.00
Future											223 705 998 220.80

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>	
Dec 2018	ZAFR	Future	1,648	14.9167	15.1832	0.0000	0.0000	0	0.00	
Jun 2019	ZAFR	Future	150	15.5531	15.8324	0.0000	0.0000	0	0.00	
			<u>1,798</u>					<i>0.00</i>	<i>0.00</i>	<i>620 476.00</i>
		Total	1,798					0.00	0.00	620 476.00
Future										
Dec 2018	ZAGB	Future	448,253	18.9788	19.1928	0.0000	0.0000	1,027	19,711,005.60	
Mar 2019	ZAGB	Future	4,932	19.3065	19.5236	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,856	19.6107	19.8315	0.0000	0.0000	0	0.00	
Sep 2019	ZAGB	Future	10,363	19.9436	20.1723	0.0000	0.0000	0	0.00	
			<u>469,404</u>					<i>1,027.00</i>	<i>19,711,005.60</i>	<i>12 783 778.00</i>
		Total						1,027.00	19,711,005.60	12 783 778.00
Option										
Mar 2019	ZAGB	18.00 Put	500	359.0555	317.1496	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	20.00 Call	500	651.8546	754.2761	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	21.44 Call	500	324.1433	388.1102	0.0000	0.0000	0	0.00	
			<u>1,500</u>					<i>0.00</i>	<i>0.00</i>	<i>1 775 613.00</i>
		Total	470,904					1,027.00	19,711,005.60	14 559 391.00
Future										
Dec 2018	ZAJY	Future	6,905	0.1276	0.1295	0.0000	0.0000	0	0.00	
			<u>6,905</u>					<i>0.00</i>	<i>0.00</i>	<i>1 021 902.00</i>
		Total	6,905					0.00	0.00	1 021 902.00
Future										
Jun 2019	ZAKS	Future	2,166	0.1386	0.1417	0.0000	0.0000	0	0.00	
			<u>2,166</u>					<i>0.00</i>	<i>0.00</i>	<i>38 066.00</i>
		Total	2,166					0.00	0.00	38 066.00
Future										
Dec 2018	ZATR	Future	12,000	2.2397	2.2301	0.0000	0.0000	0	0.00	
			<u>12,000</u>					<i>0.00</i>	<i>0.00</i>	<i>383 239.00</i>
		Total	12,000					0.00	0.00	383 239.00
Future										
Dec 2018	ZAUM	Future	334	14.3401	14.5314	0.0000	0.0000	0	0.00	
Mar 2019	ZAUM	Future	10	14.5148	14.7080	0.0000	0.0000	0	0.00	
			<u>344</u>					<i>0.00</i>	<i>0.00</i>	<i>152 983.00</i>
		Total	344					0.00	0.00	157 506.00
Future										
Dec 2018	ZAUS	Future	825,315	14.3401	14.5314	14.5437	14.3500	153,620	2,222,355,908.50	

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Mar 2019	ZAUS	Future	38,779	14.5148	14.7080	14.6200	14.6180	1,768	25,688,932.80
Jun 2019	ZAUS	Future	19,430	14.6768	14.8730	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	Future	19,892	14.8517	15.0535	0.0000	0.0000	0	0.00
Mar 2020	ZAUS	Future	3,966	15.2186	15.4296	0.0000	0.0000	0	0.00
			<u>907,382</u>					<u>155,388.00</u>	<u>2,248,044,841.30</u>
									<u>186 963 366.00</u>
									<u>2 237 364 993 620.40</u>

Option

Dec 2018	ZAUS	11.64 Put	2,764	6.5887	6.5311	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	228,616	7.5673	7.5146	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	9.1516	9.0605	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	10.3970	10.2689	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	10.6668	10.5300	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	11.8215	11.6440	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	13.4527	13.2095	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	14.3553	14.0724	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	17.0160	16.6005	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	228,616	1860.0382	2050.7541	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,400	19.9382	19.3541	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	23.7153	22.8808	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	25.3649	24.4101	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	27.8821	26.7324	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.95 Put	500	39.0318	34.7339	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	1384.4867	1568.5032	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	177,520	44.3867	37.1032	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.05 Put	1,500	50.2866	39.6414	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	56.7633	42.3928	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	1211.6710	1385.2707	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	74.8468	56.4253	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	1170.0621	1341.8270	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	17,800	79.9621	60.4270	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.32 Put	13,650	92.8871	70.5940	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.33 Put	135,000	94.8482	72.1434	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Call	500	1010.8559	1174.1649	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	120.7559	92.7649	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	228,616	972.9862	1133.9109	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	29,800	132.8862	102.5109	0.0000	0.0000	500	0.00
Dec 2018	ZAUS	13.60 Put	66,000	159.6153	124.1653	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.68 Put	13,150	184.0517	143.6616	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	190.7695	148.8479	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.75 Put	700	208.2221	162.3715	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	779.2461	922.2755	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	222.8629	173.7742	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	766.7152	908.1079	0.0000	0.0000	500	0.00

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Dec 2018	ZAUS	13.80 Put	500	226.6152	176.7079	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.90 Put	35,000	266.2380	210.0221	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	677.5610	809.4411	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	20,200	649.7184	778.3668	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Put	58,250	309.6184	246.9668	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.10 Put	1,867	356.7038	287.5351	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.12 Put	4,372	366.5586	296.0838	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	581.6401	701.8122	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.15 Put	236,970	381.6109	309.1740	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.16 Put	36,200	386.6998	313.6100	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Call	51,000	547.5081	663.1082	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Put	13,650	407.4081	331.7082	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.24 Put	24,570	428.6811	350.3744	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.25 Call	51,000	524.1863	636.5298	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.30 Put	35,000	461.6271	379.4295	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	488.6578	595.8252	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Put	31,047	478.5578	394.4252	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Call	500	480.1117	585.9963	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Put	4,428	490.0117	404.5963	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.39 Put	1,000	513.9130	425.3455	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.40 Call	100,000	460.0691	0.0000	0.0000	0.0000	44,640	0.00
Dec 2018	ZAUS	14.44 Call	11,300	444.6167	543.4415	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Call	1,200	422.3786	516.5681	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Put	15,500	582.2786	485.1681	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.51 Put	3,388	588.6819	490.8042	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	84,900	387.7278	475.2002	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Put	3,000	647.6278	543.8002	0.0000	0.0000	500	0.00
Dec 2018	ZAUS	14.61 Call	1,500	384.4216	471.3204	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	381.1436	467.4715	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Call	5,000	365.1733	448.6825	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Put	3,000	695.0733	587.2825	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	70,000	355.9189	437.7673	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.74 Put	13,150	743.8492	632.2215	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	341.0210	420.1567	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Put	700	750.9210	638.7567	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Call	400	326.7623	403.2533	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Put	135,000	786.6623	671.8533	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	315.8004	390.2246	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.85 Call	50,000	313.1195	387.0345	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.90 Put	35,000	859.9693	740.0778	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	101,333	275.6563	342.2612	0.0000	0.0000	100,000	0.00
Dec 2018	ZAUS	15.00 Put	20,700	935.5563	810.8612	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	15.01 Call	10,000	273.3355	339.4734	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	255.3896	318.0081	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.10 Call	500	253.2249	315.4269	0.0000	0.0000	500	0.00
Dec 2018	ZAUS	15.15 Call	27,030	242.6857	302.8492	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.20 Put	50	1092.5164	959.4032	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.25 Put	500	1132.8930	997.8685	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.30 Put	35,000	1173.6990	1036.8226	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.37 Call	4,372	201.6156	253.3636	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.46 Call	1,867	187.0567	235.5488	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	183.9809	231.7759	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	5,000	180.9611	228.0710	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Put	600	1340.8611	1196.6710	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.51 Call	24,570	179.4729	226.2428	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.59 Call	31,047	168.0416	212.1782	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.60 Call	500	166.6716	210.4872	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.61 Call	4,428	165.3122	208.8131	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	7,500	153.6356	194.3893	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.73 Call	135,000	149.9531	189.8298	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.84 Put	2,000	1636.8359	1482.7101	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.85 Call	20,300	135.7633	172.7559	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.91 Call	121,970	128.9449	164.8733	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	50	119.3966	153.8074	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.11 Call	38,250	108.7513	140.5453	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.14 Call	10,000	106.0297	137.1453	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.20 Call	2,000	100.8084	130.6080	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.24 Call	750	97.4842	126.4382	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.56 Call	13,650	74.8596	97.8898	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.80 Call	13,150	61.7383	81.1790	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.00 Call	3,700	52.7808	69.6936	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	4.6001	4.6773	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	18.4239	15.2687	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	61.7492	52.4910	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.51 Put	720	65.5359	55.7970	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.90 Put	16,000	113.1960	97.7119	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.92 Put	139,342	116.2277	100.3926	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.00 Put	14,028	128.9946	111.6987	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.05 Put	1,155	137.5095	119.2531	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.12 Put	138,000	152.6186	130.4867	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.15 Put	10,125	159.4323	135.5440	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.25 Put	224,707	183.6368	153.4878	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.36 Put	134,750	212.9866	178.9749	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	242.2139	204.5262	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	13.55 Put	10,000	270.6338	229.5062	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.68 Put	14,200	315.2726	268.9811	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.70 Put	2,500	322.5220	275.4146	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.72 Put	10,000	329.8695	281.9484	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	341.0849	291.9251	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.79 Put	262,812	356.3901	305.5745	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	385.9129	330.4004	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.90 Put	720	403.5322	345.1300	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Put	16,000	449.4593	385.1179	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.04 Put	7,100	468.5721	402.4201	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.28 Put	7,028	591.8547	514.9157	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	1,000	817.5775	932.9451	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.35 Put	139,342	630.5071	550.4608	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.44 Put	7,000	681.9094	597.9223	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	740.1548	847.6341	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Call	224,707	732.0157	838.6333	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Put	10,000	717.2157	630.6333	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	735.2232	647.3070	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.56 Put	138,000	753.4347	664.1887	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.65 Put	10,000	809.2361	716.0560	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.74 Put	24,325	866.7494	769.7911	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	919.2554	819.0949	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.83 Put	10,010	925.9071	825.3533	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.84 Put	134,750	932.5783	831.6323	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	568.9192	656.5365	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.04 Put	77,255	1069.9501	961.3741	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.12 Put	99,824	1126.9011	1015.4121	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.13 Put	7,100	1134.0960	1022.2505	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	507.8452	587.7750	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.19 Put	41,300	1177.6163	1063.6433	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Put	2,500	1184.9261	1070.6056	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.32 Put	262,812	1274.1027	1155.4667	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	438.1110	508.0462	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	435.8394	505.4632	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.50 Call	224,707	426.9012	495.2887	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	418.1746	485.3464	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.66 Call	139,342	393.2398	456.8886	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.81 Call	10	364.5334	424.0333	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.89 Call	4,145	350.2617	407.6658	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.00 Call	15,000	331.0457	386.3831	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.13 Call	138,000	308.9481	362.9552	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.30 Call	10,000	282.5253	332.8825	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	16.38 Call	134,750	270.9889	319.6052	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.58 Call	10,000	244.4506	288.9700	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.60 Call	50	241.9665	286.0983	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.96 Call	12,600	201.9546	239.6727	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.97 Call	63,500	200.9618	238.5176	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.02 Call	262,812	196.0773	232.8296	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.08 Call	7,028	190.4044	226.2182	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.09 Call	106,824	189.4795	225.1374	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.10 Call	2,500	188.5575	224.0654	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.23 Call	41,300	177.0691	210.6481	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.30 Call	10,125	171.2366	203.8266	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.50 Call	16,000	157.7477	185.7690	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.00 Call	14,200	134.3450	155.1830	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.40 Call	7,100	119.8545	138.2181	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	11.7991	12.2242	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	60.2629	47.5191	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	133.3239	110.2863	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	184.8233	155.7433	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.00 Put	8,203	189.8338	160.2049	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	256.8257	220.3346	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	462.8590	408.9036	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.88 Put	6,250	483.6918	427.9613	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.98 Call	1,000	1224.6966	1360.6278	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.42 Call	30	1014.6710	1130.4730	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	948.0241	1058.1202	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.63 Put	8,203	881.3845	793.5336	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	856.0918	958.7702	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.55 Call	25,000	630.9188	710.4266	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.62 Call	6,250	613.3636	690.7692	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	570.8784	643.4839	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	544.5689	614.1372	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.00 Call	20	527.8700	595.4796	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	17.96 Call	8,203	259.3816	293.4004	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	18.2049	19.0227	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.50 Put	1,000	99.6999	75.7667	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.91 Put	81,930	571.6857	513.6962	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.97 Put	800	597.9719	538.1803	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.09 Put	33,715	652.5053	589.0911	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.14 Put	141,127	677.3293	611.0625	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.21 Put	2,700	713.3343	642.5636	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.33 Put	33,151	777.1548	699.5389	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.72 Put	1,200	1001.9395	911.9290	0.0000	0.0000	0	0.00

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Sep 2019	ZAUS	15.38 Put	5,000	1428.9954	1322.3066	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.55 Call	30,000	849.7216	940.2310	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.56 Put	2,571	1555.1315	1443.5745	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.87 Call	1,000	763.6795	845.4370	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	17.23 Call	800	496.0691	552.3557	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	17.64 Call	5,000	439.4331	489.6805	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	17.85 Call	2,700	415.0178	461.2708	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	17.93 Call	2,571	407.7128	451.0457	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	18.29 Call	81,930	377.7464	414.4460	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	18.47 Call	1,200	364.3765	399.4251	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	18.63 Call	33,715	353.3063	386.9700	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	18.67 Call	141,127	350.6500	383.9823	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	19.32 Call	33,151	311.7146	341.6052	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	11.89 Put	1,000	61.0576	57.3002	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	13.66 Put	1,000	525.0108	467.2458	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	17.38 Call	1,000	650.3390	716.0116	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	380.0633	436.3512	0.0000	0.0000	0	0.00	
			<u>7,836,942</u>					<u>146,640.00</u>	<u>0.00</u>	<u>60 149 911.00</u>
		Total	8,744,324					302,028.00	2,248,044,841.30	247 113 277.00
										2 237 364 993 620.40
Grand Total			10,587,936					414,514.00	3 019 317 193.00	337,399,108
										3,106,397,327,166.12