



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 15-December-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Jan 2018	DAAD	Future	5	10.2343	10.3451	0.0000	0.0000	0	0.00		
Feb 2018	DAAD	Future	46	10.3018	10.4143	0.0000	0.0000	0	0.00		
			<u>51</u>					<u>0.00</u>	<u>0.00</u>	<u>77 060.00</u>	<u>730 229 419.30</u>
		<b>Total</b>	<b>51</b>					<b>0.00</b>	<b>0.00</b>	<b>146 060.00</b>	<b>730 229 419.30</b>
<b>Future</b>											
Dec 2017	DAEU	Future	0	15.6565	15.8827	0.0000	0.0000	3	46,969.50		
Dec 2017	DAEU	Future	800	15.6938	15.9035	0.0000	0.0000	0	0.00		
Jan 2018	DAEU	Future	30	15.8363	16.0471	0.0000	0.0000	9	143,730.00		
Feb 2018	DAEU	Future	44	15.8885	16.0750	0.0000	0.0000	44	707,300.00		
Mar 2018	DAEU	Future	63	15.9818	16.1941	0.0000	0.0000	0	0.00		
Mar 2018	DAEU	Future	3	16.0309	16.2440	0.0000	0.0000	0	0.00		
			<u>940</u>					<u>56.00</u>	<u>897,999.50</u>	<u>248 783.00</u>	<u>3 590 684 758.70</u>
		<b>Total</b>	<b>940</b>					<b>56.00</b>	<b>897,999.50</b>	<b>248 783.00</b>	<b>3 590 684 758.70</b>
<b>Option</b>											
Jan 2018	DAEU	15.80 Put	193,000	456.1517	361.0852	0.0000	0.0000	0	0.00		
Jan 2018	DAEU	16.50 Call	15,150	245.6138	0.0000	0.0000	0.0000	0	0.00		
Feb 2018	DAEU	16.41 Put	114,748	855.5928	724.9005	0.0000	0.0000	0	0.00		
			<u>322,898</u>					<u>0.00</u>	<u>0.00</u>	<u>632 539.00</u>	<u>0.00</u>
		<b>Total</b>	<b>323,838</b>					<b>0.00</b>	<b>0.00</b>	<b>632 539.00</b>	<b>0.00</b>
<b>Future</b>											
Dec 2017	DAGB	Future	0	17.7185	18.0482	0.0000	0.0000	10	177,185.00		
Jan 2018	DAGB	Future	10	17.8968	18.2113	0.0000	0.0000	6	108,720.00		
Mar 2018	DAGB	Future	17	17.9943	18.3102	0.0000	0.0000	0	0.00		
Mar 2018	DAGB	Future	38	18.0390	18.3558	0.0000	0.0000	0	0.00		
			<u>65</u>					<u>16.00</u>	<u>285,905.00</u>	<u>53 571.00</u>	<u>878 857 067.50</u>
		<b>Total</b>	<b>65</b>					<b>16.00</b>	<b>285,905.00</b>	<b>260 884.00</b>	<b>878 857 067.50</b>
<b>Future</b>											
Dec 2017	DAUS	Future	0	13.2953	13.4567	0.0000	0.0000	1,781	23,678,929.30		

<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 2017	DAUS	Future	300	13.2974	13.4525	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	221	13.3073	13.4567	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	13.3208	13.4693	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,000	13.3242	13.4735	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	436	13.3344	13.4860	0.0000	0.0000	241	3,233,328.30
Jan 2018	DAUS	Future	220	13.3428	13.4965	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	500	13.3445	13.4986	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	13.3479	13.5028	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	574	13.3530	13.5090	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	500	13.3547	13.5111	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	13.3581	13.5153	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	70	13.3727	13.5304	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	2,430	13.3855	13.5434	0.0000	0.0000	52	700,960.00
Feb 2018	DAUS	Future	70	13.4133	13.5715	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	10	13.4176	13.5758	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	1,000	13.4442	13.6027	0.0000	0.0000	0	0.00
Mar 2018	DAUS	Future	2,641	13.4742	13.6331	0.0000	0.0000	0	0.00
Mar 2018	DAUS	Future	1,199	13.5031	13.6624	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	13.5575	13.7176	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	110	13.5701	13.7304	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	13.5931	13.7537	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	13.6349	13.7962	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	445	13.6961	13.8584	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	13.7026	13.8650	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.7412	13.9043	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,500	13.7498	13.9130	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.7519	13.9152	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,853	13.7648	13.9282	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.7926	13.9566	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,336	13.8313	13.9959	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	13.8915	14.0573	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.9500	14.1171	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.9587	14.1260	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.9912	14.1593	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	14.1976	14.3724	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	15.5081	15.7249	0.0000	0.0000	0	0.00
			<u>105,904</u>					<u>2,074.00</u>	<u>27,613,217.60</u>
									<u>6 928 873.00</u>
									<u>84 032 604 900.40</u>
<b>Option</b>									
Dec 2017	DAUS	13.50 Put	60	425.0763	346.6590	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	1.3641	1.8110	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.10 Put	100	229.6901	0.0000	0.0000	0.0000	100	0.00
Dec 2017	DAUS	13.56 Call	100	236.5618	0.0000	0.0000	0.0000	200	0.00

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Dec 2017	DAUS	14.50 Call	150	51.0506	68.9749	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.80 Call	200	30.7213	40.4126	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.50 Put	20,000	74.0741	52.1819	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	20,000	319.0153	255.3323	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	297.6996	237.1936	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	49.3939	63.8374	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	41.4512	53.1218	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.50 Put	238	470.2971	387.1190	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.75 Call	238	236.5537	293.6427	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.12 Call	50,000	144.9953	182.7943	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Put	20,000	746.6183	639.2815	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.75 Put	18,000	640.5789	541.8442	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.80 Put	42,000	172.2089	0.0000	0.0000	0.0000	42,000	0.00
Jan 2018	DAUS	13.16 Put	19,500	310.7432	255.0932	0.0000	0.0000	2,000	0.00
Jan 2018	DAUS	13.20 Put	17,000	329.2966	271.1319	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	353.3731	292.0418	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	363.2774	300.6747	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	378.4235	313.9095	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	431.4130	360.5134	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Call	42,000	240.3687	0.0000	0.0000	0.0000	44,781	0.00
Jan 2018	DAUS	14.00 Call	23,300	214.3018	265.0798	0.0000	0.0000	4,000	0.00
Jan 2018	DAUS	14.25 Call	29,000	159.8166	199.4488	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	112.1413	88.9201	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	260.1544	212.1299	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	307.4737	252.7295	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	45.6352	61.4681	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	29.0441	40.4973	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	19.0817	27.5396	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	16.5454	24.1727	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.20 Put	35,000	335.1194	278.4864	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	687.3352	593.0619	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.16 Put	1,880	319.1749	265.4845	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	731.0292	634.3885	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	69.4921	90.2196	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	656.8688	567.5546	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	760.7386	663.4429	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	988.0972	878.4257	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	349.9886	415.6853	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	90,000	979.9118	869.5234	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	464.2981	394.4280	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1653.0788	1524.7541	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	117.0220	134.8239	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 2018	DAUS	13.80 Put	1,000	747.4207	659.0423	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	187.1625	215.7590	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	137.1188	157.9448	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	244.6183	209.3462	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	790.2145	700.7512	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	153.0426	175.8546	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	250.9982	215.5087	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	1245.2766	1132.1613	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	146.4477	168.0071	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	762.4550	678.5499	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	211.0932	241.2975	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	156.9418	179.4283	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	776.4483	696.3501	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	232.7832	264.1724	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	176.1875	200.0904	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	1034.5194	942.2602	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1215.2935	1114.3254	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	259.6869	292.7215	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	230.5362	260.0489	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	789.6225	712.3017	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	257.0397	289.6122	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	197.8975	223.0041	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	185.0451	161.7414	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	828.0017	749.1435	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	222.7247	250.7357	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	800.9060	726.5762	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	274.3336	307.8475	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	214.1020	240.6047	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	810.0091	737.4046	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	290.1071	324.4470	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	229.0568	255.0999	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	818.7581	747.6086	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	310.0173	345.0601	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	251.7579	276.6427	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	116.3392	96.0440	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	853.9240	781.0505	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	277.2103	307.4790	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	825.3827	756.2705	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	323.7368	359.4467	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	263.1433	289.5985	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	745.7962	681.8711	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	501.9002	554.5007	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	13.80 Put	1,000	834.7350	767.1940	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	16.93 Call	500	343.7576	380.4917	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	17.58 Call	500	283.3150	311.1097	0.0000	0.0000	0	0.00	
			<u>1,234,854</u>					<u>93,081.00</u>	<u>0.00</u>	<u>15 779 642.00</u>
		<b>Total</b>	<b>1,340,758</b>					<b>95,155.00</b>	<b>27,613,217.60</b>	<b>22 708 515.00</b>
										<b>84 032 604 900.40</b>
<b>Future</b>										
Mar 2018	EUUS	Future	15	1.1864	1.1881	0.0000	0.0000	0	0.00	
			<u>15</u>					<u>0.00</u>	<u>0.00</u>	<u>649 125.00</u>
		<b>Total</b>	<b>15</b>					<b>0.00</b>	<b>0.00</b>	<b>649 125.00</b>
										<b>7 293 499 720.00</b>
<b>Future</b>										
Dec 2017	ZAAD	Future	2,263	10.1923	10.3060	10.3556	10.2082	400	4,112,760.00	
Mar 2018	ZAAD	Future	11,361	10.3298	10.4425	10.5085	10.5085	20	210,170.00	
Jun 2018	ZAAD	Future	7,682	10.4739	10.5886	0.0000	0.0000	0	0.00	
Dec 2018	ZAAD	Future	10,812	10.7675	10.8896	0.0000	0.0000	0	0.00	
			<u>32,118</u>					<u>420.00</u>	<u>4,322,930.00</u>	<u>3 492 895.00</u>
		<b>Total</b>	<b>32,118</b>					<b>420.00</b>	<b>4,322,930.00</b>	<b>3 525 272.00</b>
										<b>30 146 029 903.50</b>
<b>Future</b>										
Dec 2017	ZACA	Future	550	10.3816	10.4732	10.5633	10.5633	200	2,112,660.00	
Mar 2018	ZACA	Future	250	10.5464	10.6334	10.7384	10.7258	500	5,366,070.00	
			<u>800</u>					<u>700.00</u>	<u>7,478,730.00</u>	<u>124 353.00</u>
		<b>Total</b>	<b>800</b>					<b>700.00</b>	<b>7,478,730.00</b>	<b>124 353.00</b>
										<b>1 223 945 147.10</b>
<b>Future</b>										
Dec 2017	ZADK	Future	0	2.1131	2.1416	2.1185	2.1106	350	7,395,100.00	
			<u>0</u>					<u>350.00</u>	<u>7,395,100.00</u>	<u>11 270.00</u>
		<b>Total</b>	<b>0</b>					<b>350.00</b>	<b>7,395,100.00</b>	<b>11 270.00</b>
										<b>242 771 109.00</b>
<b>Future</b>										
Dec 2017	ZAEU	Future	82,973	15.6599	15.8827	15.8968	15.6965	17,558	279,194,615.00	
Mar 2018	ZAEU	Future	84,294	15.9950	16.2074	16.2431	16.0000	1,266	20,486,546.00	
Jun 2018	ZAEU	Future	9,805	16.3188	16.5359	16.3100	16.3100	6,363	105,115,196.20	
Sep 2018	ZAEU	Future	5,392	16.6578	16.8786	0.0000	0.0000	0	0.00	
Dec 2018	ZAEU	Future	1,928	16.9939	17.2229	0.0000	0.0000	12,516	206,781,842.40	
			<u>184,392</u>					<u>37,703.00</u>	<u>611,578,199.60</u>	<u>13 147 889.00</u>
										<b>186 076 111 660.30</b>
<b>Option</b>										
Dec 2017	ZAEU	14.00 Put	18,000	8.2263	2.3427	0.0000	0.0000	0	0.00	
Dec 2017	ZAEU	16.39 Call	18,000	42.5444	60.0877	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.05 Put	5,648	212.7435	168.8368	0.0000	0.0000	0	0.00	

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Mar 2018	ZAEU	15.10 Put	19,510	226.8576	180.6188	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.39 Put	174,600	851.1497	726.6329	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.50 Call	643	420.2252	502.3751	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	17.00 Call	620	287.8489	346.6903	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	54,507	62.7778	51.9183	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	7,000	81.8357	68.2505	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	54,507	326.9026	275.9103	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	7,000	875.8860	768.4214	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	7,000	234.3753	276.6467	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	54,507	86.9362	104.6698	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	166,283	126.0991	104.8815	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	124,767	560.8536	495.7992	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.00 Put	41,516	628.5019	553.8884	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	124,767	292.3379	335.4088	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	21.63 Call	41,516	173.7994	190.1492	0.0000	0.0000	0	0.00	
			<u>920,391</u>					0.00	0.00	6 627 533.00
	<b>Total</b>		<b>1,104,783</b>					<b>37,703.00</b>	<b>611,578,199.60</b>	19 775 422.00
										186 076 111 660.30
<b>Future</b>										
Dec 2017	ZAFR	Future	400	13.4134	13.6106	0.0000	0.0000	1,217	16,302,201.80	
Mar 2018	ZAFR	Future	1,215	13.7157	13.9055	0.0000	0.0000	2,430	33,275,550.10	
			<u>1,615</u>					3,647.00	49,577,751.90	604 850.00
	<b>Total</b>		<b>1,615</b>					<b>3,647.00</b>	<b>49,577,751.90</b>	6 449 940 983.50
<b>Future</b>										
Dec 2017	ZAGB	Future	30,782	17.7220	18.0482	17.8420	17.7992	16,444	292,569,182.50	
Mar 2018	ZAGB	Future	208,683	18.0518	18.3689	18.4544	18.0533	26,418	477,687,574.50	
Jun 2018	ZAGB	Future	7,372	18.3688	18.6906	18.4101	18.4101	362	6,675,067.20	
Sep 2018	ZAGB	Future	4,164	18.6948	19.0221	0.0000	0.0000	654	12,465,240.00	
			<u>251,001</u>					43,878.00	789,397,064.20	9 687 715.00
										162 093 229 288.70
<b>Option</b>										
Dec 2017	ZAGB	18.20 Call	400	86.4237	230.9626	0.0000	0.0000	0	0.00	
Dec 2017	ZAGB	19.80 Call	800	6.2441	19.5034	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	17.00 Put	500	275.8494	209.1345	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	19.00 Call	1,500	382.9233	485.8865	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	20.14 Call	500	174.0122	226.6425	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	17.50 Put	500	539.7412	451.5269	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	363.2353	441.4826	0.0000	0.0000	0	0.00	
			<u>4,700</u>					0.00	0.00	1 774 113.00
	<b>Total</b>		<b>255,701</b>					<b>43,878.00</b>	<b>789,397,064.20</b>	11 461 828.00
										162 093 229 288.70

<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>	
<b>Future</b>										
Dec 2017	ZAJY	Future	80	0.1183	0.1195	0.0000	0.0000	0	0.00	
Mar 2018	ZAJY	Future	120	0.1206	0.1218	0.1219	0.1219	5	60,950.00	
			<u>200</u>					<u>5.00</u>	<u>60,950.00</u>	<u>953 215.00</u>
		<b>Total</b>	<b>200</b>					<b>5.00</b>	<b>60,950.00</b>	<b>953 215.00</b>
<b>Future</b>										
Jun 2018	ZAKS	Future	1,145	0.1276	0.1297	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1269	0.1291	0.0000	0.0000	0	0.00	
			<u>1,707</u>					<u>0.00</u>	<u>0.00</u>	<u>31 923.00</u>
		<b>Total</b>	<b>1,707</b>					<b>0.00</b>	<b>0.00</b>	<b>31 923.00</b>
<b>Future</b>										
Mar 2018	ZATR	Future	433	3.3865	3.4227	0.0000	0.0000	0	0.00	
			<u>433</u>					<u>0.00</u>	<u>0.00</u>	<u>238 189.00</u>
		<b>Total</b>	<b>433</b>					<b>0.00</b>	<b>0.00</b>	<b>238 189.00</b>
<b>Future</b>										
Dec 2017	ZAUM	Future	333	13.2974	13.4567	0.0000	0.0000	0	0.00	
Mar 2018	ZAUM	Future	399	13.4822	13.6412	0.0000	0.0000	0	0.00	
Jun 2018	ZAUM	Future	86	13.6726	13.8345	0.0000	0.0000	0	0.00	
			<u>818</u>					<u>0.00</u>	<u>0.00</u>	<u>145 607.00</u>
		<b>Total</b>	<b>818</b>					<b>0.00</b>	<b>0.00</b>	<b>150 130.00</b>
<b>Future</b>										
Dec 2017	ZAUS	Future	201,220	13.2974	13.4567	13.4930	13.2724	147,855	1,983,744,241.80	
Mar 2018	ZAUS	Future	842,684	13.4822	13.6412	13.6930	13.4500	176,722	2,402,609,343.00	
Jun 2018	ZAUS	Future	155,813	13.6726	13.8345	13.7760	13.6600	22,496	310,585,064.10	
Sep 2018	ZAUS	Future	4,042	13.8677	14.0330	13.9469	13.8500	295	4,109,417.50	
Mar 2019	ZAUS	Future	2,423	14.2733	14.4510	0.0000	0.0000	3,521	47,594,740.80	
			<u>1,206,182</u>					<u>350,889.00</u>	<u>4,748,642,807.20</u>	<u>161 877 024.00</u>
										<u>1 904 233 734 318.80</u>
<b>Option</b>										
Dec 2017	ZAUS	11.75 Put	1,000	2.3789	2.2358	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.00 Put	16,141	4.9926	4.9562	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.16 Put	550	6.8330	7.4271	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.20 Put	4,000	7.4136	7.9259	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.21 Put	18,000	7.5678	8.0571	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.40 Put	114,600	11.3788	11.1603	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.50 Put	16,416	14.2973	13.4025	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.56 Put	7,100	16.4767	15.0225	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.65 Put	1,819	20.5408	17.9422	0.0000	0.0000	0	0.00	

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Dec 2017	ZAUS	12.75 Put	10,000	29.4562	22.0698	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	30.5192	22.5448	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,500	68.8535	53.0222	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	94.3791	74.7005	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	120.0842	96.4081	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	7,000	224.7243	359.1930	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Put	6,728	127.3243	102.4930	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	131.0728	105.6380	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.22 Put	7,100	134.9078	108.8522	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	194.3453	325.6158	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	198.3558	157.1798	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	230.1081	179.1252	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,116	97.0405	186.2624	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.52 Put	21,000	314.4176	240.7265	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.53 Put	3,700	321.9058	246.4218	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.56 Put	3,700	344.7535	263.9562	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	73.4608	145.0649	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.64 Put	4,400	408.2556	313.9199	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.67 Put	640	432.9367	333.8154	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	46.7973	93.7627	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Put	3,000	509.3973	397.0627	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Put	550	544.3967	426.7837	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.90 Put	2,600	634.1315	504.9929	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,820	28.9854	56.1513	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	24.5083	44.8104	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	34,000	727.1083	588.1104	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.27 Put	40,000	986.7079	836.6971	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	1,000	11.1370	18.8609	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	8,000	9.4001	16.1960	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1212.0001	1059.4960	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	7.6567	13.5046	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	4.1545	9.0568	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	3.3173	7.5486	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	2.6036	6.2183	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	1.1562	3.3035	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	0.9505	2.8471	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	0.4893	1.6551	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	0.4067	0.1389	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	0.4067	0.1075	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	0.0623	0.0101	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	60.1614	52.1892	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.13 Put	5,460	72.3835	0.0000	0.0000	0.0000	10,920	0.00



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Mar 2018	ZAUS	12.36 Put	20,880	109.9915	88.2420	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	117.9710	94.8658	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,200	139.7452	113.0395	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	156.6021	127.2040	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	228.3788	188.3133	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	271.3923	223.8947	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	115,016	294.9787	244.1474	0.0000	0.0000	10,000	0.00
Mar 2018	ZAUS	13.20 Put	73	382.2028	0.0000	0.0000	0.0000	73	0.00
Mar 2018	ZAUS	13.21 Put	5,460	386.9092	0.0000	0.0000	0.0000	5,460	0.00
Mar 2018	ZAUS	13.22 Put	15,000	391.6482	328.8491	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	45,478	406.0598	341.6049	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	440.8129	372.4961	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	471.8441	400.2185	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	482.4408	409.7156	0.0000	0.0000	2,200	0.00
Mar 2018	ZAUS	13.50 Call	35,000	519.4777	600.2846	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	537.2777	459.0846	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.52 Put	7,200	548.8321	469.3352	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	200,389	596.2440	511.5655	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	455.2247	0.0000	0.0000	0.0000	10,000	0.00
Mar 2018	ZAUS	13.70 Call	25,150	440.3146	508.9599	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.72 Call	100	433.0249	500.6940	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.72 Put	100	670.8249	579.4940	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	683.6448	591.3422	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	418.7733	484.5063	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	408.3683	472.6676	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	749.3523	652.3044	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.89 Call	1,000	375.3786	435.0311	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.89 Put	1,000	783.1786	683.8311	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	796.8845	696.6348	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	362.8891	420.7428	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	810.6891	709.5428	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	824.5912	722.5568	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	845.6261	742.2743	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	12,500	341.9671	396.7486	0.0000	0.0000	2,500	0.00
Mar 2018	ZAUS	14.02 Call	55	336.2042	390.1279	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	895.5273	789.1819	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	322.1904	374.0091	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	308.7381	358.5076	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	976.1682	865.3350	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	991.1089	879.4892	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	288.3327	334.9356	0.0000	0.0000	73	0.00
Mar 2018	ZAUS	14.20 Put	65,000	1006.1327	893.7356	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	14.22 Put	2,000	1021.2656	908.0757	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.25 Call	0	276.3181	320.9503	0.0000	0.0000	4,167	0.00
Mar 2018	ZAUS	14.42 Call	5,460	239.0566	0.0000	0.0000	0.0000	10,921	0.00
Mar 2018	ZAUS	14.44 Call	10,000	235.0173	272.9775	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	233.0223	270.6710	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	1233.0135	1110.4398	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	223.3046	259.4277	0.0000	0.0000	8,854	0.00
Mar 2018	ZAUS	14.50 Put	400	1241.1046	1118.2277	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	1257.3312	1133.8586	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	215.8246	250.7648	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	210.3824	244.4570	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	205.0798	238.3072	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	180.5463	209.8050	0.0000	0.0000	4,167	0.00
Mar 2018	ZAUS	14.86 Call	15,000	164.4251	191.1169	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	158.6799	184.7502	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	157.2751	183.1943	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	151.7805	177.0984	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	145.1789	169.7711	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	131.6537	153.9847	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	115.2366	134.7816	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	96.5437	112.8675	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	93.1957	108.9385	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	87.6229	102.3945	0.0000	0.0000	6,000	0.00
Mar 2018	ZAUS	15.69 Call	750	78.8628	92.0964	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	60.2267	70.1622	0.0000	0.0000	250	0.00
Mar 2018	ZAUS	16.16 Call	225,000	52.4912	61.0516	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	19.6008	16.7854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	48.1591	39.0973	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	103.6526	88.5432	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	122.4071	0.0000	0.0000	0.0000	1,116	0.00
Jun 2018	ZAUS	12.25 Put	104,895	145.5246	126.6912	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	155.2377	135.6020	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	177.8759	154.8031	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	202.7187	176.3551	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	274.9583	240.6251	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	347.5530	305.5684	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	30,358	363.5434	319.1144	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	384.1247	336.5885	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	436.2010	381.4512	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	449.8082	0.0000	0.0000	0.0000	372	0.00
Jun 2018	ZAUS	13.22 Put	15,000	459.0070	402.2045	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	496.8447	436.7437	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Jun 2018	ZAUS	13.46 Put	5,183	577.3946	510.6870	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	587.9094	520.3798	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	598.5262	530.1756	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	675.5416	601.4667	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	104,895	739.9890	660.7893	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	770.2248	688.6871	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	776.3374	694.3397	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	788.6328	705.7057	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	794.8155	711.4228	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	832.3561	746.5618	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	6,130	896.6186	807.0252	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	962.9307	869.6356	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1066.0353	967.4073	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	412.8786	465.8786	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	371.1268	418.7273	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	349.9175	394.7788	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	292.5603	331.2922	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	287.1801	325.5803	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	273.3303	0.0000	0.0000	0.0000	1,116	0.00
Jun 2018	ZAUS	15.30 Call	24,500	260.1773	296.3154	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	240.1960	273.6440	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	230.1122	262.1877	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	225.9312	257.4301	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	192.9037	219.8027	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	154.5898	175.9917	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	135.8315	154.4847	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	133.5800	151.7802	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	128.3680	144.8212	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	126.4824	142.3018	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	118.7166	132.4768	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	104,895	104.4909	116.1807	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	100.7176	111.8603	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	91.6527	101.4838	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	88.8809	98.3117	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	85.1176	94.0073	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.00 Put	750	21.4673	22.1944	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	85.3053	70.1603	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	282.4820	251.2495	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	294.5886	263.5127	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	360.1200	323.3541	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	519.4050	467.4564	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.36 Put	2,179	571.5921	513.1526	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>	
Sep 2018	ZAUS	13.65 Call	1,464	939.3945	1036.1246	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.73 Put	2,500	766.1820	694.8509	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	15.97 Call	5,300	311.3994	348.3414	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.04 Call	1,550	301.4189	337.2129	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.08 Call	2,179	295.8753	331.0310	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.14 Call	750	287.7801	321.9930	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.29 Call	73,314	268.6122	300.5844	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	17.02 Call	2,500	199.3963	219.2170	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	12.96 Put	23,443	437.3923	398.4758	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	17.24 Call	23,443	286.8556	314.6143	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	547.9571	602.7185	0.0000	0.0000	0	0.00	
			<u>3,821,415</u>					<u>78,189.00</u>	<u>0.00</u>	<u>42 202 905.00</u>
		<b>Total</b>	<b><u>5,027,597</u></b>					<b><u>429,078.00</u></b>	<b><u>4,748,642,807.20</u></b>	<b><u>204 079 929.00</u></b>
										<u>1 904 233 734 318.80</u>

<b>Grand Total</b>	<b><u>8,090,499</u></b>							<b><u>611,008.00</u></b>	<b><u>6 247 250 655.00</u></b>	<b><u>273,973,935</u></b>	<b><u>2,610,180,916,529.30</u></b>
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