



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 07-June-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Jul 2018	DAEU	Future	34	15.3913	15.0908	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.4385	15.2101	0.0000	0.0000	33	501,933.30
			<u>67</u>					<u>33.00</u>	<u>501,933.30</u>
		<b>Total</b>	<b>67</b>					<b>33.00</b>	<b>501,933.30</b>
									<i>791 007.00</i>
									<i>11 806 212 560.60</i>
									<i>11 806 212 560.60</i>
<b>Future</b>									
Jun 2018	DAUS	Future	1,746	12.9242	12.7142	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	20	12.9259	12.3509	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	5,947	12.9344	12.7327	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	4,090	12.9497	12.7477	0.0000	0.0000	109	1,415,419.50
Jul 2018	DAUS	Future	100	12.9548	12.7527	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	12.9565	12.7544	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	12.9615	12.7594	0.0000	0.0000	150	1,925,670.00
Jul 2018	DAUS	Future	1,800	12.9852	12.7827	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.9919	12.7893	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.9936	12.7910	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	12.9970	12.7943	0.0000	0.0000	500	6,406,250.00
Jul 2018	DAUS	Future	2,974	13.0037	12.8010	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.0071	12.8043	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.0256	12.8225	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,855	13.0556	12.8521	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	177	13.0606	12.4777	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	13.1020	12.8978	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.1086	12.9043	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.1466	12.9417	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.1532	12.9482	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,113	13.1565	12.9515	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	13.1581	12.9531	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.1779	12.9726	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	2,867	13.2060	13.0003	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>
Dec 2018	DAUS	Future	1,580	13.2568	13.0499	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	55	13.2601	13.0531	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	55	13.3059	13.0975	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	1,225	13.3075	13.0991	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	13.3288	13.1198	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	1,280	13.3533	13.1436	0.0000	0.0000	0	0.00
Mar 2019	DAUS	Future	4,414	13.3974	13.1863	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	55	13.4071	13.1957	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	1,280	13.4527	13.2399	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	55	13.5032	13.2889	0.0000	0.0000	0	0.00
Jun 2019	DAUS	Future	54,000	13.5081	13.2936	0.0000	0.0000	54,000	731,008,800.00
Jul 2019	DAUS	Future	55	13.5500	13.3357	0.0000	0.0000	0	0.00
Aug 2019	DAUS	Future	55	13.5947	13.3815	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	55	13.6409	13.4288	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	55	13.6842	13.4731	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	55	13.7260	13.5160	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	55	13.7722	13.5632	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	13.8169	13.6090	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	13.8588	13.6519	0.0000	0.0000	0	0.00
Mar 2020	DAUS	Future	55	13.9035	13.6977	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	13.9482	13.7435	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	13.9872	13.7834	0.0000	0.0000	0	0.00
Jun 2020	DAUS	Future	1,055	14.0362	13.8336	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	14.1553	13.9475	0.0000	0.0000	0	0.00
			<u>181,918</u>					<u>54,759.00</u>	<u>740,756,139.50</u>
									<u>10 251 135.00</u>
									<u>124 675 541 812.90</u>
<b>Option</b>									
Jun 2018	DAUS	12.80 Call	1,746	137.9795	34.0638	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.22 Put	500	8.8797	22.9677	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.44 Put	109	26.4890	67.1287	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.45 Put	635	27.9894	69.9812	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.47 Put	158	31.1770	75.9297	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.52 Call	109	469.9942	319.9485	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.55 Call	500	446.2993	300.7534	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.56 Call	635	438.5467	294.5261	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.62 Call	158	393.6290	258.9704	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.85 Call	500	248.8318	152.2962	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	873.9503	1063.1172	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	0.4292	0.2837	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.2286	0.2139	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	3.6675	5.9776	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	42.4639	92.4602	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	146.5124	86.6820	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>		
Jul 2018	DAUS	12.60 Put	100,000	68.8458	133.2748	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	10.6412	18.2493	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	60.7530	34.3150	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	45.0557	25.1463	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	1483.5658	1675.4618	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	2.1890	1.7664	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	891.1316	1063.1732	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	3.2607	2.5315	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	2.7666	2.2393	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	66.3015	108.8251	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	946.3861	1118.2047	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	3.8444	2.7896	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	909.6732	1070.8610	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	11.1692	6.9753	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	5.6032	3.1456	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	925.8142	1078.8317	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	17.5296	10.0401	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	7.8350	3.7215	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	942.9351	1087.7922	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	35.0909	28.2369	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	23.4620	18.1535	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	67.4058	94.3474	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	990.2414	1136.7563	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	30.6115	25.2031	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	13.0832	16.1185	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	52.4011	63.9644	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	521.9277	428.0205	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	956.4101	1095.1047	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	50.2878	41.3815	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	34.3999	25.3746	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	853.8751	983.6445	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	102.8088	82.3956	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	967.6016	1102.0631	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	65.7538	55.6209	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	43.9641	32.4197	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	2,500	535.1336	621.7667	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	771.3819	666.6815	0.0000	0.0000	0	0.00		
			<u>341,330</u>					<u>0.00</u>	<u>0.00</u>	<u>18 824 403.00</u>	<u>0.00</u>
		<b>Total</b>	<b>523,248</b>					<b>54,759.00</b>	<b>740,756,139.50</b>	<b>29 075 538.00</b>	<b>124 675 541 812.90</b>

**Future**

Jun 2018	EUUS	Future	260	1.1832	1.1785	1.1829	1.1829	20	236,580.00
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DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			260					20.00	236,580.00	709 166.00	8 033 381 612.00	
		<b>Total</b>	<b>260</b>					<b>20.00</b>	<b>236,580.00</b>	709 166.00	8 033 381 612.00	
<b>Future</b>												
	Sep 2018	JYZA	Future	283	8.3483	8.4827	0.0000	0.0000	0	0.00		
				283					0.00	0.00	18 783.00	186 145 988.86
<b>Option</b>												
	Jun 2018	JYZA	8.79 Call	50,000	155.6137	402.9848	0.0000	0.0000	0	0.00		
	Jun 2018	JYZA	8.89 Put	1,200	3962.1657	2739.6412	0.0000	0.0000	0	0.00		
	Sep 2018	JYZA	8.17 Put	50,000	1983.3289	1607.4715	0.0000	0.0000	0	0.00		
				101,200					0.00	0.00	175 800.00	0.00
		<b>Total</b>		<b>101,483</b>					<b>0.00</b>	<b>0.00</b>	194 583.00	186 145 988.86
<b>Future</b>												
	Jun 2018	ZAAD	Future	15,640	9.8823	9.7606	9.8834	9.7393	1,050	10,327,410.00		
	Sep 2018	ZAAD	Future	800	10.0054	9.8824	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	11,412	10.1255	10.0012	0.0000	0.0000	0	0.00		
				27,852					1,050.00	10,327,410.00	3 634 760.00	31 494 983 190.60
		<b>Total</b>		<b>27,852</b>					<b>1,050.00</b>	<b>10,327,410.00</b>	3 667 137.00	31 494 983 190.60
<b>Future</b>												
	Jun 2018	ZACA	Future	2,180	9.9703	9.8656	0.0000	0.0000	0	0.00		
				2,180					0.00	0.00	132 643.00	1 303 115 360.10
		<b>Total</b>		<b>2,180</b>					<b>0.00</b>	<b>0.00</b>	132 643.00	1 303 115 360.10
<b>Future</b>												
	Jun 2018	ZAEU	Future	99,891	15.2998	15.0013	15.3579	15.0765	42,671	645,450,036.40		
	Sep 2018	ZAEU	Future	98,567	15.5905	15.2864	15.3951	15.3750	43,212	665,540,371.70		
	Dec 2018	ZAEU	Future	8,875	15.8774	15.5684	15.9021	15.9021	250	3,975,525.00		
	Mar 2019	ZAEU	Future	4,808	16.1994	15.8815	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.4992	16.1716	0.0000	0.0000	3,224	49,393,325.20		
				217,397					89,357.00	1,364,359,258.30	14 725 621.00	209 843 211 849.30
<b>Option</b>												
	Jun 2018	ZAEU	13.50 Put	29,734	0.0096	0.1444	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,948	0.1393	0.5382	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	0.4156	1.6593	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	1.6318	6.5402	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	1001.8752	709.7932	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.40 Call	10,000	903.1403	615.3316	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Call	3,000	355.4450	155.9666	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	50,948	136.4190	317.3738	0.0000	0.0000	0	0.00		

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Jun 2018	ZAEU	15.63 Call	29,734	53.2352	15.7034	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.00 Call	3,000	12.1258	4.5188	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1143.6956	1440.2105	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	0.0439	0.0998	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,948	0.1505	0.0506	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	12.8896	13.0816	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,688	42.7133	74.5953	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	638.0677	830.5845	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	164.5144	110.8819	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	13.8179	9.7172	0.0000	0.0000	0	0.00	
			<u>607,230</u>					<u>0.00</u>	<u>0.00</u>	<u>7 919 774.00</u>
		<b>Total</b>	<b>824,627</b>					<b>89,357.00</b>	<b>1,364,359,258.30</b>	<b>22 645 395.00</b>
										<b>209 843 211 849.30</b>
<b>Future</b>										
Jun 2018	ZAFR	Future	1,215	13.1726	12.9291	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>609 303.00</u>
		<b>Total</b>	<b>1,215</b>					<b>0.00</b>	<b>0.00</b>	<b>6 506 705 521.30</b>
<b>Future</b>										
Jun 2018	ZAGB	Future	216,406	17.3495	17.1010	17.3520	17.1718	26,221	450,088,589.00	
Sep 2018	ZAGB	Future	42,820	17.6306	17.3777	17.4450	17.4450	24,226	422,411,847.30	
Dec 2018	ZAGB	Future	7,631	17.9004	17.6442	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	4,932	18.1984	17.9346	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.4753	18.2055	0.0000	0.0000	0	0.00	
			<u>277,254</u>					<u>50,447.00</u>	<u>872,500,436.30</u>	<u>11 107 237.00</u>
										<u>186 121 826 388.00</u>
<b>Option</b>										
Jun 2018	ZAGB	17.50 Put	500	284.7504	461.0358	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	0.1108	0.0463	0.0000	0.0000	0	0.00	
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1 774 113.00</u>
		<b>Total</b>	<b>278,254</b>					<b>50,447.00</b>	<b>872,500,436.30</b>	<b>12 881 350.00</b>
										<b>186 121 826 388.00</b>
<b>Future</b>										
Jun 2018	ZAJY	Future	8,296	0.1176	0.1158	0.0000	0.0000	0	0.00	
			<u>8,296</u>					<u>0.00</u>	<u>0.00</u>	<u>985 278.00</u>
		<b>Total</b>	<b>8,296</b>					<b>0.00</b>	<b>0.00</b>	<b>10 983 324 643.00</b>
<b>Future</b>										
Jun 2018	ZAKS	Future	1,145	0.1281	0.1258	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1277	0.1252	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>432 652 210.00</b>

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<b>Future</b>										
Jun 2018	ZATR	Future	6,495	2.8824	2.7780	0.0000	0.0000	0	0.00	
Sep 2018	ZATR	Future	10,220	2.8089	2.7109	0.0000	0.0000	7,720	21,397,524.00	
			<u>16,715</u>					<u>7,720.00</u>	<u>21,397,524.00</u>	<u>271 704.00</u>
		<b>Total</b>	<b>16,715</b>					<b>7,720.00</b>	<b>21,397,524.00</b>	<b>271 704.00</b>
										<b>958 320 914.00</b>
<b>Future</b>										
Jun 2018	ZAUM	Future	412	12.9311	12.7293	0.0000	0.0000	15	19,128,750.00	
Sep 2018	ZAUM	Future	47	13.0839	12.8799	0.0000	0.0000	0	0.00	
Dec 2018	ZAUM	Future	10	13.2290	13.0229	0.0000	0.0000	0	0.00	
			<u>469</u>					<u>15.00</u>	<u>19,128,750.00</u>	<u>150 879.00</u>
		<b>Total</b>	<b>469</b>					<b>15.00</b>	<b>19,128,750.00</b>	<b>155 402.00</b>
										<b>173 851 951 680.00</b>
<b>Future</b>										
Jun 2018	ZAUS	Future	874,157	12.9311	12.7293	12.9846	12.7150	146,291	1,874,117,827.70	
Sep 2018	ZAUS	Future	210,346	13.0839	12.8799	13.1377	12.8700	129,767	1,682,404,794.20	
Dec 2018	ZAUS	Future	26,953	13.2290	13.0229	13.2800	13.0441	60	794,576.40	
Mar 2019	ZAUS	Future	4,948	13.3827	13.1721	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	Future	3,087	13.5255	13.3106	0.0000	0.0000	0	0.00	
			<u>1,119,491</u>					<u>276,118.00</u>	<u>3,557,317,198.30</u>	<u>174 429 875.00</u>
										<b>2 058 268 265 536.20</b>
<b>Option</b>										
Jun 2018	ZAUS	11.00 Put	60,750	0.0000	0.0002	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.20 Put	2,550	0.0003	0.0047	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.35 Call	10,000	1581.1033	1379.3345	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.45 Call	10,000	1481.1131	1279.4102	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.50 Put	40,216	0.0250	0.1884	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.60 Put	12,000	0.0818	0.3458	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.75 Put	60,000	0.2548	0.8452	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.77 Put	76,000	0.2866	0.9509	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.80 Put	5,500	0.3417	1.1337	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.90 Put	9,500	0.6123	2.0236	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Call	3,000	932.1908	732.8691	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Put	38,700	1.0908	3.5691	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.06 Put	150	1.5373	4.9835	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.12 Put	372	2.1599	7.0612	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.14 Put	155,500	2.4173	8.0151	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Call	500	783.6569	587.8328	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Put	1,000	2.5569	8.5328	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.20 Call	40,000	734.4804	540.8819	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.23 Call	3,000	705.0915	513.1291	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Call	40,000	685.5563	494.8262	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	12.25 Put	12,415	4.4563	15.5262	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	636.9569	449.8576	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	5.8569	20.5576	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	15,103	11.3126	34.7423	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	496.4659	323.6539	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	451.6642	285.2549	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	20.5642	55.9549	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	408.2238	249.0697	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Put	80,000	27.1238	69.7697	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.70 Put	10,000	57.2500	0.0000	0.0000	0.0000	10,000	0.00
Jun 2018	ZAUS	12.75 Call	4,000	252.6098	130.0036	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	71.5098	150.7036	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.89 Put	100	124.8172	0.0000	0.0000	0.0000	100	0.00
Jun 2018	ZAUS	12.96 Put	2,700	159.7577	291.4811	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	114.4738	52.0026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	183.3738	322.7026	0.0000	0.0000	15,200	0.00
Jun 2018	ZAUS	13.05 Put	1,250	215.2076	363.3053	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	301.0243	466.6484	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	324.3052	493.5451	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	406.2591	585.5193	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	30.4738	11.8865	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	548.1046	738.3467	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	566.5267	757.8169	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	585.0699	777.3266	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	718.0013	914.7747	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	825.2177	1023.5294	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	874.2804	1073.1097	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	884.1125	1083.0345	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	903.7941	1102.8919	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	913.6433	1112.8243	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	972.8428	1172.4654	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	2.9297	1.3108	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1071.8297	1272.0108	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1171.1076	1371.6310	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1320.3819	1521.2150	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.5131	0.1748	0.0000	0.0000	7,600	0.00
Jun 2018	ZAUS	14.71 Call	50	0.2632	0.0892	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.1828	0.0619	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.0633	0.0216	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.0571	0.0195	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.0435	0.0149	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.0332	0.0114	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.43 Call	15,000	0.0217	0.0202	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.0173	0.0266	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.0157	0.0297	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.0018	0.0687	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.0000	0.1705	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.0000	0.2634	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.0000	0.2782	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.0000	0.3203	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.0000	0.3370	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.0000	0.3406	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.0000	0.1727	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.0000	0.1407	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0000	0.0815	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0000	0.0520	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	16.6135	20.6037	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	17.1659	21.3077	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	20.2297	25.2382	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	25.9296	39.8688	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	32.7695	52.7517	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	37.9417	60.2611	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	50.1476	77.6147	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	927.2626	766.2017	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	93.3626	136.3017	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	104.4757	151.5880	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	124.1371	178.2625	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	742.8422	603.3474	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	158.9422	223.4474	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	186.1296	257.0384	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	197.0227	270.3468	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	212.1405	288.6926	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	575.4741	457.6917	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	558.7844	443.4015	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	297.9048	390.4994	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	457.0467	359.0792	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	372.7261	291.2042	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	354.3472	276.2861	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	520.4472	646.3861	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	336.8334	262.1271	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,500	274.8199	212.4221	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	235.8991	181.2794	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	20.0807	12.5543	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	18.2626	11.2115	0.0000	0.0000	0	0.00



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Sep 2018	ZAUS	16.14 Call	750	15.9327	9.5192	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.29 Call	73,314	12.9589	7.4145	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	11.64 Put	2,764	61.7856	73.8740	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	11.75 Put	232,078	73.3638	89.3900	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.38 Put	39,589	203.1860	256.5209	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Call	232,078	970.6856	827.0863	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Put	10,100	241.6856	304.1863	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.63 Put	39,589	288.9783	361.1565	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.00 Call	6,000	688.0146	575.4129	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.20 Call	7,100	597.2695	497.3408	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.25 Call	10,000	576.3647	479.5004	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.50 Call	232,078	483.3448	399.4956	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.80 Call	2,764	391.4477	321.8472	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.95 Call	39,589	352.5666	289.4839	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.00 Call	1,500	340.5681	279.5098	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.00 Call	1,000	170.7870	136.5222	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.95 Call	2,000	89.8079	74.0101	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	10.33 Put	1,000	8.2483	9.4010	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	104.4061	131.4612	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.06 Put	4,145	170.1078	208.4475	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.45 Call	4,145	700.0254	599.2250	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.48 Call	1,000	401.8216	340.0937	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.20 Call	500	274.3438	228.4057	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	10.69 Put	1,000	11.0450	13.7778	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	273.3434	321.2060	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.58 Call	1,000	523.9097	453.6073	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	10.75 Put	1,000	20.1084	0.0000	0.0000	0.0000	2,000	0.00		
Sep 2019	ZAUS	12.50 Put	1,000	398.7149	0.0000	0.0000	0.0000	1,000	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	426.2866	0.0000	0.0000	0.0000	2,000	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	150.8814	126.9795	0.0000	0.0000	0	0.00		
			<u>3,012,708</u>					<u>37,900.00</u>	<u>0.00</u>	<u>49 124 252.00</u>	<u>0.00</u>
	<b>Total</b>		<b>4,132,199</b>					<b>314,018.00</b>	<b>3,557,317,198.30</b>	<b>223 554 127.00</b>	<b>2 058 268 265 536.20</b>
<b>Grand Total</b>			<b>5,918,572</b>					<b>517,419.00</b>	<b>6 586 525 229.70</b>	<b>305,719,584</b>	<b>2,870,226,766,803.98</b>