



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 06-June-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Jul 2018	DAEU	Future	34	15.0908	15.0254	0.0000	0.0000	0	0.00
			34					0.00	0.00
		<b>Total</b>	<b>34</b>					<b>0.00</b>	<b>0.00</b>
									790 974.00
									11 805 710 627.30
									1 737 761.00
									11 805 710 627.30
<b>Future</b>									
Jun 2018	DAUS	Future	1,746	12.7142	12.7767	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	20	12.3509	12.3509	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	5,947	12.7327	12.7970	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	3,981	12.7477	12.8121	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.7527	12.8172	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	12.7544	12.8189	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.7827	12.8475	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.7893	12.8542	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.7910	12.8559	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.7943	12.8592	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,974	12.8010	12.8659	0.0000	0.0000	305	3,943,558.50
Aug 2018	DAUS	Future	55	12.8043	12.8693	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.8225	12.8876	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,855	12.8521	12.9172	0.0000	0.0000	321	4,168,088.70
Sep 2018	DAUS	Future	177	12.4777	12.4777	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	12.8978	12.9632	0.0000	0.0000	585	7,622,842.50
Oct 2018	DAUS	Future	55	12.9043	12.9698	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.9417	13.0075	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.9482	13.0141	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,113	12.9515	13.0174	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	12.9531	13.0190	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.9726	13.0387	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	2,867	13.0003	13.0666	0.0000	0.0000	0	0.00
Dec 2018	DAUS	Future	1,580	13.0499	13.1167	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	55	13.0531	13.1200	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>		
Jan 2019	DAUS	Future	55	13.0975	13.1651	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.0991	13.1667	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.1198	13.1876	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,280	13.1436	13.2118	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.1863	13.2552	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.1957	13.2648	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.2399	13.3098	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.2889	13.3596	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	27,000	13.2936	13.3644	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.3357	13.4057	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	13.3815	13.4509	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	13.4288	13.4974	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.4731	13.5411	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.5160	13.5833	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	13.5632	13.6299	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	13.6090	13.6750	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	13.6519	13.7172	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	13.6977	13.7624	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	13.7435	13.8075	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	13.7834	13.8468	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	13.8336	13.8963	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.9475	14.0126	0.0000	0.0000	0	0.00		
			<u>155,159</u>					<u>1,211.00</u>	<u>15,734,489.70</u>	<u>10 196 376.00</u>	<u>123 934 785 673.40</u>

**Option**

Jun 2018	DAUS	12.80 Call	1,746	34.0638	66.7906	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.22 Put	500	22.9677	17.6501	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.44 Put	109	67.1287	54.2220	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.45 Put	635	69.9812	56.6446	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.47 Put	158	75.9297	61.7123	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.52 Call	109	319.9485	367.8280	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.55 Call	500	300.7534	347.1889	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.56 Call	635	294.5261	340.4714	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.62 Call	158	258.9704	301.8987	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.85 Call	500	152.2962	182.6700	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1063.1172	1002.7509	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	0.2837	0.3597	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.2139	0.2759	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	5.9776	5.1258	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	92.4602	76.0573	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	86.6820	106.1631	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	133.2748	112.3325	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	18.2493	15.6483	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Jul 2018	DAUS	13.60 Call	1,000	34.3150	43.2674	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	25.1463	32.0953	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1675.4618	1614.4842	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	1.7664	2.0423	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1063.1732	1010.0209	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	2.5315	2.9555	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	2.2393	2.5572	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	108.8251	95.5275	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1118.2047	1064.8932	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	2.7896	3.1417	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1070.8610	1018.9156	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	6.9753	8.0537	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	3.1456	3.5808	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1078.8317	1028.9741	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	10.0401	12.0030	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	3.7215	4.6154	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1087.7922	1040.0943	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	28.2369	31.2443	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	18.1535	20.6905	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	94.3474	83.4142	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1136.7563	1088.5394	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	25.2031	26.8654	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	16.1185	14.3673	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	63.9644	57.8556	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	428.0205	455.9336	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1095.1047	1048.9150	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	41.3815	45.0734	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	25.3746	28.4886	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	983.6445	940.1623	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	82.3956	88.4722	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1102.0631	1056.8172	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	55.6209	59.6300	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	32.4197	36.6109	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	2,500	621.7667	589.4006	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	666.6815	697.6058	0.0000	0.0000	0	0.00
			<u>341,330</u>					<u>0.00</u>	<u>0.00</u>
			<b>Total</b>	<b>496,489</b>				<b>1,211.00</b>	<b>15,734,489.70</b>
								<b>29 020 779.00</b>	<b>123 934 785 673.40</b>
<b>Future</b>									
Jun 2018	EUUS	Future	280	1.1785	1.1675	0.0000	0.0000	0	0.00
			<u>280</u>					<u>0.00</u>	<u>0.00</u>
								<b>709 146.00</b>	<b>8 033 145 032.00</b>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
<b>Total</b>			<b>280</b>					<b>0.00</b>	<b>0.00</b>	709 146.00	8 033 145 032.00	
<b>Future</b>												
	Sep 2018	JYZA	Future	283	8.4827	8.4211	0.0000	0.0000	0	0.00		
			<b>283</b>					<b>0.00</b>	<b>0.00</b>	18 783.00	186 145 988.86	
<b>Option</b>												
	Jun 2018	JYZA	8.79 Call	50,000	402.9848	282.8472	0.0000	0.0000	0	0.00		
	Jun 2018	JYZA	8.89 Put	1,200	2739.6412	3294.3337	0.0000	0.0000	0	0.00		
	Sep 2018	JYZA	8.17 Put	50,000	1607.4715	1740.3479	0.0000	0.0000	0	0.00		
			<b>101,200</b>					<b>0.00</b>	<b>0.00</b>	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	9.7606	9.7276	9.8122	9.7564	1,550	15,162,775.00		
	Sep 2018	ZAAD	Future	800	9.8824	9.8496	9.9130	9.8736	500	4,946,650.00		
	Dec 2018	ZAAD	Future	11,412	10.0012	9.9691	0.0000	0.0000	0	0.00		
			<b>27,852</b>					<b>2,050.00</b>	<b>20,109,425.00</b>	3 633 710.00	31 484 655 780.60	
<b>Total</b>			<b>27,852</b>					<b>2,050.00</b>	<b>20,109,425.00</b>	3 666 087.00	31 484 655 780.60	
<b>Future</b>												
	Jun 2018	ZACA	Future	2,180	9.8656	9.8394	9.8892	9.8777	200	1,976,690.00		
			<b>2,180</b>					<b>200.00</b>	<b>1,976,690.00</b>	132 643.00	1 303 115 360.10	
<b>Total</b>			<b>2,180</b>					<b>200.00</b>	<b>1,976,690.00</b>	132 643.00	1 303 115 360.10	
<b>Future</b>												
	Jun 2018	ZAEU	Future	117,890	15.0013	14.9361	15.1700	14.9787	4,162	62,777,724.60		
	Sep 2018	ZAEU	Future	60,996	15.2864	15.2201	15.4290	15.2721	6,257	96,425,807.00		
	Dec 2018	ZAEU	Future	8,625	15.5684	15.5019	15.7357	15.7357	250	3,933,925.00		
	Mar 2019	ZAEU	Future	4,808	15.8815	15.8150	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.1716	16.1031	0.0000	0.0000	0	0.00		
			<b>197,575</b>					<b>10,669.00</b>	<b>163,137,456.60</b>	14 636 264.00	208 478 852 591.00	
<b>Option</b>												
	Jun 2018	ZAEU	13.50 Put	29,734	0.1444	0.1959	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,948	0.5382	0.7227	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	1.6593	2.2077	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	6.5402	8.8319	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	709.7932	647.5243	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.40 Call	10,000	615.3316	554.7952	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Call	3,000	155.9666	126.6248	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	50,948	317.3738	367.5816	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.63 Call	29,734	15.7034	11.8270	0.0000	0.0000	0	0.00		

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Jun 2018	ZAEU	16.00 Call	3,000	4.5188	3.6912	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1440.2105	1505.1921	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	0.0998	0.1136	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,948	0.0506	0.0464	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	13.0816	13.3883	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,688	74.5953	82.6828	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	830.5845	873.1744	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	110.8819	99.2545	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	9.7172	8.9164	0.0000	0.0000	0	0.00	
			607,230					0.00	0.00	7 919 774.00
			<b>804,805</b>					<b>10,669.00</b>	<b>163,137,456.60</b>	22 556 038.00 208 478 852 591.00
<b>Future</b>										
Jun 2018	ZAFR	Future	1,215	12.9291	12.9598	0.0000	0.0000	0	0.00	
			1,215					0.00	0.00	609 303.00 6 506 705 521.30
			<b>1,215</b>					<b>0.00</b>	<b>0.00</b>	609 303.00 6 506 705 521.30
<b>Future</b>										
Jun 2018	ZAGB	Future	217,888	17.1010	17.0742	17.2999	17.0705	7,522	129,052,655.30	
Sep 2018	ZAGB	Future	18,594	17.3777	17.3516	17.5999	17.3631	1,004	17,490,259.80	
Dec 2018	ZAGB	Future	7,631	17.6442	17.6198	17.8058	17.8058	57	1,014,930.60	
Mar 2019	ZAGB	Future	4,932	17.9346	17.9119	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.2055	18.1844	0.0000	0.0000	0	0.00	
			254,510					8,583.00	147,557,845.70	11 056 790.00 185 249 325 951.70
<b>Option</b>										
Jun 2018	ZAGB	17.50 Put	500	461.0358	482.2319	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	0.0463	0.0551	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	1 774 113.00 0.00
			<b>255,510</b>					<b>8,583.00</b>	<b>147,557,845.70</b>	12 830 903.00 185 249 325 951.70
<b>Future</b>										
Jun 2018	ZAJY	Future	8,296	0.1158	0.1166	0.0000	0.0000	0	0.00	
			8,296					0.00	0.00	985 278.00 10 983 324 643.00
			<b>8,296</b>					<b>0.00</b>	<b>0.00</b>	985 278.00 10 983 324 643.00
<b>Future</b>										
Jun 2018	ZAKS	Future	1,145	0.1258	0.1268	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1252	0.1264	0.0000	0.0000	0	0.00	
			1,707					0.00	0.00	31 923.00 432 652 210.00
			<b>1,707</b>					<b>0.00</b>	<b>0.00</b>	31 923.00 432 652 210.00

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<b>Future</b>									
Jun 2018	ZATR	Future	6,495	2.7780	2.7641	0.0000	0.0000	2,555	6,903,354.50
Sep 2018	ZATR	Future	2,500	2.7109	2.6963	0.0000	0.0000	0	0.00
			<u>8,995</u>					<u>2,555.00</u>	<u>6,903,354.50</u>
		<b>Total</b>	<b>8,995</b>					<b>2,555.00</b>	<b>6,903,354.50</b>
									263 984.00 936 923 390.00
<b>Future</b>									
Jun 2018	ZAUM	Future	427	12.7293	12.7936	0.0000	0.0000	14	17,885,000.00
Sep 2018	ZAUM	Future	47	12.8799	12.9452	0.0000	0.0000	0	0.00
Dec 2018	ZAUM	Future	10	13.0229	13.0894	0.0000	0.0000	0	0.00
			<u>484</u>					<u>14.00</u>	<u>17,885,000.00</u>
		<b>Total</b>	<b>484</b>					<b>14.00</b>	<b>17,885,000.00</b>
									150 864.00 173 832 822 930.00
<b>Future</b>									
Jun 2018	ZAUS	Future	971,762	12.7293	12.7936	12.8830	12.6931	36,129	462,366,624.60
Sep 2018	ZAUS	Future	108,763	12.8799	12.9452	13.0400	12.8363	26,554	343,058,992.40
Dec 2018	ZAUS	Future	27,035	13.0229	13.0894	13.1830	13.0752	2,950	38,580,370.70
Mar 2019	ZAUS	Future	4,948	13.1721	13.2407	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	Future	3,087	13.3106	13.3810	0.0000	0.0000	0	0.00
			<u>1,115,595</u>					<u>65,633.00</u>	<u>844,005,987.70</u>
									174 153 757.00 2 054 710 948 337.90
<b>Option</b>									
Jun 2018	ZAUS	11.00 Put	60,750	0.0002	0.0496	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.20 Put	2,550	0.0047	0.0775	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.35 Call	10,000	1379.3345	1443.7111	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.45 Call	10,000	1279.4102	1343.7435	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	40,216	0.1884	0.1641	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.60 Put	12,000	0.3458	0.2866	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.75 Put	60,000	0.8452	0.6591	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.77 Put	76,000	0.9509	0.7361	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.80 Put	5,500	1.1337	0.8686	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.90 Put	9,500	2.0236	1.5042	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Call	3,000	732.8691	796.1904	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	38,700	3.5691	2.5904	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	4.9835	3.5771	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	7.0612	4.9245	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	8.0151	5.4739	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Call	500	587.8328	649.3725	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	1,000	8.5328	5.7725	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.20 Call	40,000	540.8819	601.6611	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.23 Call	3,000	513.1291	573.3778	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Call	40,000	494.8262	554.6878	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	12,415	15.5262	11.0878	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	12.30 Call	4,000	449.8576	508.6267	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	20.5576	15.0267	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	15,103	34.7423	26.4309	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	323.6539	377.9262	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	285.2549	337.5811	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	55.9549	43.9811	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	249.0697	299.2148	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Put	80,000	69.7697	55.6148	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Call	4,000	130.0036	169.2489	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	150.7036	125.6489	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	291.4811	250.3322	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	52.0026	72.8087	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	322.7026	279.2087	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	363.3053	317.0929	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	466.6484	414.9311	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	493.5451	440.6751	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	585.5193	529.4047	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	11.8865	18.7650	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	738.3467	678.3628	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	757.8169	697.5462	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	777.3266	716.7884	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	914.7747	852.8063	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1023.5294	960.8387	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1073.1097	1010.1722	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1083.0345	1020.0527	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1102.8919	1039.8259	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1112.8243	1049.7183	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1172.4654	1109.1468	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	1.3108	2.0225	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1272.0108	1208.4225	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1371.6310	1307.9062	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1521.2150	1457.2709	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.1748	0.3225	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.0892	0.1745	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.0619	0.1253	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.0216	0.0483	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.0195	0.0441	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.0149	0.0346	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.0114	0.0273	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.0202	0.0306	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.0266	0.0378	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.0297	0.0412	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.79 Call	40,000	0.0687	0.0796	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.1705	0.1672	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.2634	0.2409	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.2782	0.2523	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.3203	0.2844	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.3370	0.2972	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.3406	0.3564	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1727	0.1797	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1407	0.1461	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0815	0.0841	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0520	0.0534	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	20.6037	18.6348	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	21.3077	19.2720	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	25.2382	22.8143	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	39.8688	33.8612	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	52.7517	45.2314	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	60.2611	51.9046	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	77.6147	67.4355	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	766.2017	815.9583	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	136.3017	120.7583	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	151.5880	134.1724	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	178.2625	158.8414	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	603.3474	646.1514	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	223.4474	200.9514	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	257.0384	232.4672	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	270.3468	244.9954	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	288.6926	262.3048	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	457.6917	493.5150	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	443.4015	478.4642	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	390.4994	359.0017	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	359.0792	388.3140	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	291.2042	315.9239	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	276.2861	299.9662	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	646.3861	604.7662	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	262.1271	284.7975	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,500	212.4221	231.4125	0.0000	0.0000	500	0.00
Sep 2018	ZAUS	13.65 Call	1,464	181.2794	197.9991	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	12.5543	14.7031	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	11.2115	13.1906	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	9.5192	11.2752	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	7.4145	8.8761	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	73.8740	68.5261	0.0000	0.0000	0	0.00



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Dec 2018	ZAUS	11.75 Put	232,078	89.3900	81.3606	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.38 Put	39,589	256.5209	235.0783	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Call	232,078	827.0863	868.5958	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Put	10,100	304.1863	279.1958	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.63 Put	39,589	361.1565	333.8986	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.00 Call	6,000	575.4129	608.6527	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.20 Call	7,100	497.3408	526.6223	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.25 Call	10,000	479.5004	508.0130	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.50 Call	232,078	399.4956	424.4362	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.80 Call	2,764	321.8472	342.7037	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.95 Call	39,589	289.4839	308.4692	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.00 Call	1,500	279.5098	297.9100	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.00 Call	1,000	136.5222	147.2256	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.95 Call	2,000	74.0101	79.0647	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	10.33 Put	1,000	9.4010	8.3843	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	131.4612	119.9414	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.06 Put	4,145	208.4475	192.8926	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.45 Call	4,145	599.2250	629.0454	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.48 Call	1,000	340.0937	359.3347	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.20 Call	500	228.4057	243.0127	0.0000	0.0000	1,000	0.00		
Jun 2019	ZAUS	10.69 Put	1,000	13.7778	11.5374	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	321.2060	301.9696	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.58 Call	1,000	453.6073	474.8241	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	126.9795	132.1856	0.0000	0.0000	0	0.00		
			<u>2,999,608</u>					<u>1,500.00</u>	<u>0.00</u>	<u>49 086 352.00</u>	<u>0.00</u>
<b>Total</b>			<b>4,115,203</b>					<b>67,133.00</b>	<b>844,005,987.70</b>	<b>223 240 109.00</b>	<b>2 054 710 948 337.90</b>
<b>Grand Total</b>			<b>5,824,533</b>					<b>92,415.00</b>	<b>1 217 310 249.20</b>	<b>305,202,165</b>	<b>2,863,640,241,574.28</b>