



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 05-June-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Jul 2018	DAEU	Future	34	15.0254	14.8266	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	12.7767	12.5741	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	12.7970	12.5942	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	3,981	12.8121	12.6091	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.8172	12.6140	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	12.8189	12.6157	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.8475	12.6438	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.8542	12.6504	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.8559	12.6521	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.8592	12.6554	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,669	12.8659	12.6620	0.0000	0.0000	154	1,949,439.80
Aug 2018	DAUS	Future	55	12.8693	12.6654	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.8876	12.6835	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,534	12.9172	12.7129	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	177	12.4777	12.4777	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	2,695	12.9632	12.7583	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	12.9698	12.7647	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.0075	12.8019	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.0141	12.8083	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,113	13.0174	12.8116	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	13.0190	12.8132	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.0387	12.8326	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	2,867	13.0666	12.8600	0.0000	0.0000	0	0.00
Dec 2018	DAUS	Future	1,580	13.1167	12.9092	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	55	13.1200	12.9124	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	13.1651	12.9567	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.1667	12.9583	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.1876	12.9789	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,280	13.2118	13.0026	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.2552	13.0455	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.2648	13.0550	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.3098	13.0995	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.3596	13.1487	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	27,000	13.3644	13.1535	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.4057	13.1951	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	13.4509	13.2408	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	13.4974	13.2880	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.5411	13.3322	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.5833	13.3750	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	13.6299	13.4221	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	13.6750	13.4679	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	13.7172	13.5106	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	13.7624	13.5563	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	13.8075	13.6020	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	13.8468	13.6418	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	13.8963	13.6920	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.0126	13.8044	0.0000	0.0000	0	0.00		
			<u>153,948</u>					<u>154.00</u>	<u>1,949,439.80</u>	<u>10 195 165.00</u>	<u>123 919 051 183.70</u>

**Option**

Jun 2018	DAUS	12.80 Call	1,746	66.7906	22.4843	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.22 Put	500	17.6501	47.9282	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.44 Put	109	54.2220	115.7620	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.45 Put	635	56.6446	119.8017	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.47 Put	158	61.7123	128.1394	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.52 Call	109	367.8280	239.5792	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.55 Call	500	347.1889	224.0055	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.56 Call	635	340.4714	218.9845	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.62 Call	158	301.8987	190.9547	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.85 Call	500	182.6700	111.5129	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1002.7509	1199.2357	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	0.3597	0.3535	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.2759	0.3270	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	5.1258	8.4398	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	76.0573	147.8292	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	106.1631	64.8740	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	112.3325	200.1946	0.0000	0.0000	5,000	0.00
Jul 2018	DAUS	12.07 Put	2,000	15.6483	33.6550	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	13.60 Call	1,000	43.2674	26.7204	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	32.0953	19.8989	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1614.4842	1810.5879	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.0423	1.8170	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1010.0209	1189.4266	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	2.9555	2.5491	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	2.5572	2.3117	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	95.5275	150.0243	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1064.8932	1243.7329	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	3.1417	2.9657	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1018.9156	1188.9584	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	8.0537	5.5017	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	3.5808	2.4967	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1028.9741	1191.7332	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	12.0030	7.9726	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	4.6154	3.1862	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1040.0943	1195.8419	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	31.2443	23.0097	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	20.6905	13.1636	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	83.4142	117.3472	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1088.5394	1245.7829	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	26.8654	19.2837	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	14.3673	18.4849	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	57.8556	78.5235	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	455.9336	374.5581	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1048.9150	1199.4663	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	45.0734	36.1552	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	28.4886	19.9172	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	940.1623	1082.8708	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	88.4722	72.3199	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1056.8172	1203.0475	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	59.6300	45.8654	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	36.6109	26.0023	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	2,500	589.4006	686.8301	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	697.6058	606.3466	0.0000	0.0000	0	0.00
			<u>341,330</u>					<u>5,000.00</u>	<u>0.00</u>
			<b>Total</b>	<b>495,278</b>				<b>5,154.00</b>	<b>1,949,439.80</b>
									<b>29 019 568.00</b>
									<b>123 919 051 183.70</b>
<b>Future</b>									
Jun 2018	EUUS	Future	280	1.1675	1.1706	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	8.4211	8.5399	0.0000	0.0000	0	0.00		
			<u>283</u>					<u>0.00</u>	<u>0.00</u>	18 783.00	186 145 988.86
<b>Option</b>											
Jun 2018	JYZA	8.79 Call	50,000	282.8472	639.4707	0.0000	0.0000	0	0.00		
Jun 2018	JYZA	8.89 Put	1,200	3294.3337	2286.2491	0.0000	0.0000	0	0.00		
Sep 2018	JYZA	8.17 Put	50,000	1740.3479	1559.4978	0.0000	0.0000	0	0.00		
			<u>101,200</u>					<u>0.00</u>	<u>0.00</u>	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	9.7276	9.6301	9.6956	9.6000	562	5,417,425.40		
Sep 2018	ZAAD	Future	1,300	9.8496	9.7509	9.7450	9.7215	500	4,865,939.00		
Dec 2018	ZAAD	Future	11,412	9.9691	9.8687	0.0000	0.0000	0	0.00		
			<u>28,352</u>					<u>1,062.00</u>	<u>10,283,364.40</u>	3 631 660.00	31 464 546 355.60
<b>Total</b>			<b>28,352</b>					<b>1,062.00</b>	<b>10,283,364.40</b>	3 664 037.00	31 464 546 355.60
<b>Future</b>											
Jun 2018	ZACA	Future	1,980	9.8394	9.7410	0.0000	0.0000	0	0.00		
			<u>1,980</u>					<u>0.00</u>	<u>0.00</u>	132 443.00	1 301 138 670.10
<b>Total</b>			<b>1,980</b>					<b>0.00</b>	<b>0.00</b>	132 443.00	1 301 138 670.10
<b>Future</b>											
Jun 2018	ZAEU	Future	117,877	14.9361	14.7385	14.9503	14.7380	7,201	106,281,193.50		
Sep 2018	ZAEU	Future	65,996	15.2201	15.0201	15.1412	15.0184	6,774	103,037,614.20		
Dec 2018	ZAEU	Future	8,375	15.5019	15.2994	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	Future	4,808	15.8150	15.6089	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	16.1031	15.8940	0.0000	0.0000	0	0.00		
			<u>202,312</u>					<u>13,975.00</u>	<u>209,318,807.70</u>	14 625 595.00	208 315 715 134.40
<b>Option</b>											
Jun 2018	ZAEU	13.50 Put	29,734	0.1959	0.4384	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,948	0.7227	1.6282	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	6,460	2.2077	4.9597	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.25 Put	29,734	8.8319	21.9516	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.30 Call	10,000	647.5243	466.4097	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.40 Call	10,000	554.7952	382.3807	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.00 Call	3,000	126.6248	65.8267	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,948	367.5816	537.3951	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.63 Call	29,734	11.8270	6.4202	0.0000	0.0000	0	0.00		

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Jun 2018	ZAEU	16.00 Call	3,000	3.6912	2.4479	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1505.1921	1702.3022	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	0.1136	0.1935	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,948	0.0464	0.0180	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	13.3883	15.1293	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,688	82.6828	123.0897	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	873.1744	1024.6849	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	99.2545	76.0486	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	8.9164	7.8915	0.0000	0.0000	0	0.00	
			607,230					0.00	0.00	7 919 774.00
		<b>Total</b>	<b>809,542</b>					<b>13,975.00</b>	<b>209,318,807.70</b>	22 545 369.00 208 315 715 134.40
<b>Future</b>										
Jun 2018	ZAFR	Future	1,215	12.9598	12.7542	0.0000	0.0000	0	0.00	
			1,215					0.00	0.00	609 303.00 6 506 705 521.30
		<b>Total</b>	<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	217,878	17.0742	16.7976	17.0747	16.7733	6,660	112,839,910.00	
Sep 2018	ZAGB	Future	18,594	17.3516	17.0717	17.2902	17.1159	2,600	44,765,739.00	
Dec 2018	ZAGB	Future	7,574	17.6198	17.3366	17.5653	17.5653	500	8,782,650.00	
Mar 2019	ZAGB	Future	4,932	17.9119	17.6252	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.1844	17.8945	0.0000	0.0000	0	0.00	
			254,443					9,760.00	166,388,299.00	11 048 207.00 185 101 768 106.00
<b>Option</b>										
Jun 2018	ZAGB	17.50 Put	500	482.2319	727.2854	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	0.0551	0.1128	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	1 774 113.00 0.00
		<b>Total</b>	<b>255,443</b>					<b>9,760.00</b>	<b>166,388,299.00</b>	12 822 320.00 185 101 768 106.00
<b>Future</b>										
Jun 2018	ZAJY	Future	8,296	0.1166	0.1150	0.0000	0.0000	0	0.00	
			8,296					0.00	0.00	985 278.00 10 983 324 643.00
		<b>Total</b>	<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	0.1268	0.1239	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1264	0.1233	0.0000	0.0000	0	0.00	
			1,707					0.00	0.00	31 923.00 432 652 210.00
		<b>Total</b>	<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	3,940	2.7641	2.7269	0.0000	0.0000	0	0.00	
Sep 2018	ZATR	Future	2,500	2.6963	2.6622	0.0000	0.0000	0	0.00	
			<u>6,440</u>					<u>0.00</u>	<u>0.00</u>	<u>261 429.00</u>
		<b>Total</b>	<b>6,440</b>					<b>0.00</b>	<b>0.00</b>	<b>261 429.00</b>
<b>Future</b>										
Jun 2018	ZAUM	Future	437	12.7936	12.5909	12.5985	12.5958	30	37,971,130.00	
Sep 2018	ZAUM	Future	47	12.9452	12.7405	0.0000	0.0000	0	0.00	
Dec 2018	ZAUM	Future	10	13.0894	12.8823	0.0000	0.0000	0	0.00	
			<u>494</u>					<u>30.00</u>	<u>37,971,130.00</u>	<u>150 850.00</u>
		<b>Total</b>	<b>494</b>					<b>30.00</b>	<b>37,971,130.00</b>	<b>155 373.00</b>
<b>Future</b>										
Jun 2018	ZAUS	Future	988,765	12.7936	12.5909	12.8300	12.5500	33,266	422,417,993.20	
Sep 2018	ZAUS	Future	90,248	12.9452	12.7405	12.9500	12.7180	3,602	46,230,256.30	
Dec 2018	ZAUS	Future	25,631	13.0894	12.8823	13.1200	12.9158	119	1,550,902.30	
Mar 2019	ZAUS	Future	4,948	13.2407	13.0312	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	Future	3,087	13.3810	13.1700	0.0000	0.0000	0	0.00	
			<u>1,112,679</u>					<u>36,987.00</u>	<u>470,199,151.80</u>	<u>174 088 124.00</u>
										<u>2 053 866 942 350.20</u>
<b>Option</b>										
Jun 2018	ZAUS	11.00 Put	60,750	0.0496	0.0844	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.20 Put	2,550	0.0775	0.1430	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.35 Call	10,000	1443.7111	1241.1198	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.45 Call	10,000	1343.7435	1141.2747	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.50 Put	40,216	0.1641	0.4895	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.60 Put	12,000	0.2866	0.8356	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.75 Put	60,000	0.6591	1.8611	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.77 Put	76,000	0.7361	2.0700	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.80 Put	5,500	0.8686	2.4278	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.90 Put	9,500	1.5042	4.1194	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Call	3,000	796.1904	598.4533	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Put	38,700	2.5904	7.5533	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.06 Put	150	3.5771	11.1706	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.12 Put	372	4.9245	16.1532	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.14 Put	155,500	5.4739	18.1776	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Call	500	649.3725	460.1659	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Put	1,000	5.7725	19.2659	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.20 Call	40,000	601.6611	416.4359	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.23 Call	3,000	573.3778	390.9276	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Call	40,000	554.6878	374.2572	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Put	12,415	11.0878	33.3572	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	508.6267	333.8607	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	15.0267	42.9607	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	15,103	26.4309	68.4042	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	377.9262	225.5423	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	337.5811	194.3398	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	43.9811	103.4398	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	299.2148	165.8083	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Put	80,000	55.6148	124.9083	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Call	4,000	169.2489	84.8786	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	125.6489	243.9786	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	250.3322	408.5104	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	72.8087	33.8220	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	279.2087	442.9220	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	317.0929	486.9709	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	414.9311	596.4614	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	440.6751	624.4997	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	529.4047	719.6144	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	18.7650	8.7893	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	678.3628	875.0612	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	697.5462	894.6603	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	716.7884	914.2880	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	852.8063	1052.3256	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	960.8387	1161.3493	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1010.1722	1211.0169	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1020.0527	1220.9571	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1039.8259	1240.8437	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1049.7183	1250.7898	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1109.1468	1310.4691	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	2.0225	0.9611	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1208.4225	1410.0611	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1307.9062	1509.7790	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1457.2709	1659.5086	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.3225	0.1658	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.1745	0.0960	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.1253	0.0717	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.0483	0.0330	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.0441	0.0356	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.0346	0.0430	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.0273	0.0514	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.0306	0.0672	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.0378	0.0769	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.0412	0.0813	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	15.79 Call	40,000	0.0796	0.1266	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.1672	0.2152	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.2409	0.2829	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.2523	0.2823	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.2844	0.2289	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.2972	0.2115	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.3564	0.1497	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1797	0.0718	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1461	0.0576	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0841	0.0319	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0534	0.0196	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	18.6348	24.9150	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	19.2720	25.7905	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	22.8143	35.2625	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	33.8612	54.2915	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	45.2314	70.6840	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	51.9046	80.1164	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	67.4355	101.6454	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	815.9583	665.2541	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	120.7583	174.7541	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	134.1724	192.8784	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	158.8414	224.1812	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.40 Put	0	165.4322	232.4519	0.0000	0.0000	500	0.00
Sep 2018	ZAUS	12.50 Call	4,600	646.1514	516.9415	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	200.9514	276.4415	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	232.4672	314.7745	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	244.9954	329.8578	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	262.3048	350.5616	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	493.5150	387.5127	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	478.4642	375.5039	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	359.0017	465.7670	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	388.3140	304.0448	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	315.9239	245.9704	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	299.9662	233.2919	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	604.7662	742.7919	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	284.7975	221.2811	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	231.4125	178.9094	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	197.9991	152.4753	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	14.7031	9.8604	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	13.1906	8.8561	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	11.2752	7.5870	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	8.8761	6.0003	0.0000	0.0000	0	0.00



