



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-August-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Aug 2017	DAEU	Future	20,000	15.5526	15.6677	0.0000	0.0000	0	0.00		
Aug 2017	DAEU	Future	800	15.5903	15.7084	0.0000	0.0000	0	0.00		
Sep 2017	DAEU	Future	800	15.6860	15.8080	0.0000	0.0000	0	0.00		
Oct 2017	DAEU	Future	800	15.7861	15.9073	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	15.8924	16.0119	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	15.9914	16.1124	0.0000	0.0000	0	0.00		
			<u>24,000</u>					<u>0.00</u>	<u>0.00</u>	<u>140,162.00</u>	<u>1,873,695,463.30</u>
Option											
Aug 2017	DAEU	15.95 Put	20,000	456.7282	346.4279	0.0000	0.0000	0	0.00		
Jan 2018	DAEU	15.80 Put	193,000	543.3571	488.7030	0.0000	0.0000	193,000	0.00		
			<u>213,000</u>					<u>193,000.00</u>	<u>0.00</u>	<u>502,600.00</u>	<u>0.00</u>
Total			237,000					193,000.00	0.00	642,762.00	1,873,695,463.30
Future											
Aug 2017	DANZ	Future	10,000	9.6876	9.7691	0.0000	0.0000	0	0.00		
			<u>10,000</u>					<u>0.00</u>	<u>0.00</u>	<u>850,120.00</u>	<u>6,581,294,052.00</u>
Option											
Aug 2017	DANZ	9.91 Put	10,000	260.9700	184.9398	0.0000	0.0000	0	0.00		
			<u>10,000</u>					<u>0.00</u>	<u>0.00</u>	<u>520,000.00</u>	<u>0.00</u>
Total			20,000					0.00	0.00	1,370,120.00	6,581,294,052.00
Future											
Aug 2017	DAUS	Future	70	13.2270	13.2648	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	910	13.2648	13.3053	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	202	13.2668	13.3075	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	8,325	13.2688	13.3097	0.0000	0.0000	2,000	26,519,000.00		
Sep 2017	DAUS	Future	1,289	13.3254	13.3688	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	2,530	13.3298	13.3732	0.0000	0.0000	100	1,328,060.00		
Oct 2017	DAUS	Future	90	13.3600	13.2888	0.0000	0.0000	90	1,195,992.00		
Oct 2017	DAUS	Future	334	13.3815	13.4232	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>		
Oct 2017	DAUS	Future	913	13.3901	13.4312	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.4268	13.4653	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.4577	13.4971	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	13.4618	13.5014	0.0000	0.0000	217	2,910,078.50		
Dec 2017	DAUS	Future	1,750	13.4927	13.5332	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.5175	13.5586	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.6164	13.6603	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.7913	13.8358	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	215	13.8928	13.9388	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.9748	14.0224	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.1648	14.2174	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.3548	14.4125	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.5741	15.6316	0.0000	0.0000	0	0.00		
			<u>106,662</u>					<u>2,407.00</u>	<u>31,953,130.50</u>	<u>6,120,793.00</u>	<u>72,899,186,472.80</u>

Option

Aug 2017	DAUS	13.20 Call	20,000	153.2477	137.3983	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.17 Put	1,000	130.2866	83.7073	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.36 Put	1,000	232.1033	176.9599	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.05 Put	25,000	92.3449	55.2952	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.29 Put	15,000	199.7213	143.2345	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.55 Call	23,076	61.8253	46.8760	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.35 Put	34,000	243.8836	183.8378	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.50 Put	60	383.7066	330.6992	0.0000	0.0000	0	0.00
Aug 2017	DAUS	16.84 Call	60	1.0243	0.9537	0.0000	0.0000	0	0.00
Sep 2017	DAUS	12.45 Put	500	31.4650	0.0000	0.0000	0.0000	500	0.00
Sep 2017	DAUS	13.50 Put	60	436.8288	402.6791	0.0000	0.0000	0	0.00
Sep 2017	DAUS	17.13 Call	60	4.1355	3.5626	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.92 Put	1,000	202.9271	184.2489	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	481.1132	455.7029	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	195.2621	207.1836	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	7.0873	5.3665	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.36 Call	5,000	474.6350	0.0000	0.0000	0.0000	5,000	0.00
Nov 2017	DAUS	13.50 Put	60	520.9763	498.6676	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	8.4071	11.9387	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	549.4698	526.6259	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	18.0483	24.2515	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	409.4025	388.3376	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	252.2245	262.0296	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	232.6313	241.9748	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	454.2033	431.7447	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	464.0312	441.3890	0.0000	0.0000	191	0.00
Jan 2018	DAUS	13.30 Put	40,904	478.9829	456.0635	0.0000	0.0000	0	0.00

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Jan 2018	DAUS	13.40 Put	168,000	530.6179	506.8164	0.0000	0.0000	168,000	0.00	
Feb 2018	DAUS	13.15 Put	2,723	407.8261	386.2797	0.0000	0.0000	0	0.00	
Feb 2018	DAUS	15.52 Call	2,723	185.8710	193.8679	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.00 Put	1,000	1666.5519	1630.8924	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.81 Call	2,000	285.6976	293.3877	0.0000	0.0000	0	0.00	
			609,526					173,691.00	0.00	13,157,945.00
		Total	716,188					176,098.00	31,953,130.50	19,278,738.00
Future										
Sep 2017	EUUS	Future	2,630	1.1766	1.1819	0.0000	0.0000	15	177,585.00	
			2,630					15.00	177,585.00	609,387.00
		Total	2,630					15.00	177,585.00	6,819,635,608.00
Future										
Sep 2017	ZAAD	Future	25,409	10.4961	10.5523	10.5300	10.5214	94	989,183.60	
Dec 2017	ZAAD	Future	6,890	10.6358	10.6906	0.0000	0.0000	0	0.00	
Jun 2018	ZAAD	Future	1,500	10.9036	10.9623	0.0000	0.0000	0	0.00	
			33,799					94.00	989,183.60	3,302,872.00
		Total	33,799					94.00	989,183.60	28,108,518,337.10
Future										
Sep 2017	ZACA	Future	870	10.4944	10.5304	0.0000	0.0000	0	0.00	
Dec 2017	ZACA	Future	1,250	10.6563	10.6906	0.0000	0.0000	0	0.00	
			2,120					0.00	0.00	97,533.00
		Total	2,120					0.00	0.00	930,430,262.10
Future										
Sep 2017	ZACR	Future	10	1.9792	1.9802	0.0000	0.0000	0	0.00	
			10					0.00	0.00	109,814.00
		Total	10					0.00	0.00	2,503,859,606.00
Future										
Sep 2017	ZAEU	Future	108,741	15.6553	15.7769	15.7769	15.6300	3,616	56,799,179.90	
Dec 2017	ZAEU	Future	31,775	15.9602	16.0804	16.0401	16.0401	10	160,401.00	
Mar 2018	ZAEU	Future	10,307	16.2655	16.3915	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	Future	1	16.5681	16.6966	0.0000	0.0000	0	0.00	
			150,824					3,626.00	56,959,580.90	12,099,606.00
		Total	150,824					3,626.00	56,959,580.90	169,216,774,907.00
Option										
Sep 2017	ZAEU	15.10 Put	16,000	125.2716	83.1932	0.0000	0.0000	0	0.00	
Dec 2017	ZAEU	14.00 Put	18,000	49.8077	43.4693	0.0000	0.0000	0	0.00	
Dec 2017	ZAEU	16.39 Call	18,000	449.5519	494.1075	0.0000	0.0000	0	0.00	

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Mar 2018	ZAEU	15.05 Put	5,648	277.5031	248.3773	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.10 Put	19,510	292.1857	261.9593	0.0000	0.0000	0	0.00	
			77,158					0.00	0.00	5,307,974.00
		Total	227,982					3,626.00	56,959,580.90	17,407,580.00
										169,216,774,907.00
Future										
Sep 2017	ZAFR	Future	2,758	13.6661	13.7635	0.0000	0.0000	0	0.00	
Dec 2017	ZAFR	Future	1,150	13.9464	14.0424	0.0000	0.0000	0	0.00	
			3,908					0.00	0.00	586,140.00
		Total	3,908					0.00	0.00	586,140.00
										6,190,907,277.00
Future										
Sep 2017	ZAGB	Future	190,234	17.2654	17.4116	17.4114	17.2474	4,924	85,140,895.80	
Dec 2017	ZAGB	Future	9,777	17.5679	17.7124	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	Future	420	17.8654	18.0164	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	Future	3,033	18.1563	18.3099	0.0000	0.0000	0	0.00	
Sep 2018	ZAGB	Future	1,654	18.4513	18.6106	0.0000	0.0000	0	0.00	
			205,118					4,924.00	85,140,895.80	8,588,242.00
										142,314,227,124.60
Option										
Sep 2017	ZAGB	16.70 Call	700	738.4748	832.1041	0.0000	0.0000	0	0.00	
Sep 2017	ZAGB	18.50 Call	300	81.3586	100.7131	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	1,767,013.00
		Total	206,118					4,924.00	85,140,895.80	10,355,255.00
										142,314,227,124.60
Future										
Sep 2017	ZAJY	Future	91	0.1203	0.1207	0.0000	0.0000	0	0.00	
Dec 2017	ZAJY	Future	115	0.1226	0.1230	0.0000	0.0000	0	0.00	
			206					0.00	0.00	952,489.00
		Total	206					0.00	0.00	952,489.00
										10,613,338,748.50
Future										
Sep 2017	ZAKS	Future	1,382	0.1271	0.1275	0.0000	0.0000	0	0.00	
Jun 2018	ZAKS	Future	1,145	0.1234	0.1258	0.0000	0.0000	0	0.00	
			2,527					0.00	0.00	29,417.00
		Total	2,527					0.00	0.00	29,417.00
										400,402,950.00
Future										
Sep 2017	ZAUM	Future	436	13.3060	13.3492	13.3324	13.3024	8	10,776,470.00	
Dec 2017	ZAUM	Future	146	13.4989	13.5395	0.0000	0.0000	0	0.00	
Mar 2018	ZAUM	Future	5	13.6848	13.7289	0.0000	0.0000	0	0.00	
Jun 2018	ZAUM	Future	172	13.8655	13.9111	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			759					8.00	10,776,470.00	139,990.00	159,758,177,800.00
	Total		759					8.00	10,776,470.00	144,513.00	159,758,177,800.00

Future

Sep 2017	ZAUS	Future	811,596	13.3060	13.3492	13.3623	13.2176	82,481	1,096,105,463.90		
Dec 2017	ZAUS	Future	121,696	13.4989	13.5395	13.5293	13.4305	5,173	69,861,669.00		
Mar 2018	ZAUS	Future	94,754	13.6848	13.7289	13.7049	13.6068	11,720	160,849,722.50		
Jun 2018	ZAUS	Future	100,881	13.8655	13.9111	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	Future	400	14.0471	14.0966	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	2,500	14.4229	14.4824	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.6900	15.7462	0.0000	0.0000	0	0.00		
			<u>1,315,827</u>					<u>99,374.00</u>	<u>1,326,816,855.40</u>	<u>150,494,470.00</u>	<u>1,748,368,884,006.10</u>

Option

Sep 2017	ZAUS	12.00 Put	37,202	10.0322	7.5536	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.20 Put	1,000	19.5720	14.2815	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.25 Put	10,000	22.9123	16.6472	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.26 Put	5,250	23.6354	17.1604	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.50 Put	96,225	47.6826	34.5162	0.0000	0.0000	30,000	0.00		
Sep 2017	ZAUS	12.54 Put	1,000	53.1714	38.5614	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.55 Put	4,920	54.6208	39.6346	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.60 Put	190	62.3516	45.3955	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.75 Call	3,500	648.7514	668.3224	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.75 Put	26,250	92.7514	69.1224	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.80 Put	3,000	105.3165	80.3221	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.90 Call	400	539.9880	555.6522	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.96 Put	1,000	153.5631	124.6468	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.00 Call	4,551	473.6332	487.0630	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.00 Put	38,100	167.6332	137.8630	0.0000	0.0000	10,000	0.00		
Sep 2017	ZAUS	13.14 Put	90	223.4843	191.1721	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.15 Put	500	227.8718	195.4053	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.20 Call	3,000	356.6107	366.6237	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.20 Put	5,920	250.6107	217.4237	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.25 Put	25,100	274.6861	240.8625	0.0000	0.0000	40,000	0.00		
Sep 2017	ZAUS	13.35 Put	2,600	328.3596	291.9557	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.40 Call	100	263.9163	270.2580	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.40 Put	3,500	357.9163	321.0580	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.42 Call	1,000	256.0899	262.2713	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.45 Call	4,375	244.7158	250.6833	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.45 Put	3,500	388.7158	351.4833	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.48 Call	111	233.7752	239.5530	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.50 Call	5,980	226.7164	232.3818	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.63 Put	186,712	509.1863	471.1380	0.0000	0.0000	0	0.00		

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Sep 2017	ZAUS	13.65 Call	1,000	179.4325	184.5345	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	597.0000	558.7352	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	604.5614	566.2874	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	141.1589	146.0520	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	138.8942	143.7806	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	119.9741	124.8345	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	112.3631	117.2232	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	101.6640	106.6636	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	72.4611	77.0221	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	984.0282	945.3504	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1072.9998	1034.1355	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	57.9947	62.3111	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1209.5647	1170.4278	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	43.2644	47.2731	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	39.6829	43.6005	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	29.5710	33.0177	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	28.5644	31.8213	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	18.2387	19.6017	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	3.7072	2.9566	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	3.3211	2.6334	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	3.2546	2.5782	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	3.1077	2.4568	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	3.0457	2.4059	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	3.0385	2.4001	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.8787	0.7182	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	41.6944	37.8372	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	59.8249	54.5508	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	83.1612	74.0312	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	118.0922	107.0482	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	140.2127	128.1479	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	178.6157	165.0366	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	298.0560	280.7700	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	340.8132	322.3802	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	349.7596	331.1025	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	377.3878	358.0614	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	391.6428	371.9869	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	659.9969	680.5115	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	461.9671	440.8310	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	488.5729	466.9310	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	542.9776	560.9495	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	430.4137	445.2719	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	869.4218	842.2865	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 2017	ZAUS	14.50 Put	2,055	1251.3834	1221.4782	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.63 Call	10,000	226.7249	236.8604	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.00 Call	4,580	170.5695	179.7457	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.11 Call	1,900	156.3408	165.0814	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.12 Call	40,000	155.1116	163.8125	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.50 Call	25,457	115.2255	122.5986	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	78.7932	84.7602	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	18,000	32.7000	41.1294	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	30.0690	38.6217	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	13.8866	20.2695	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.00 Put	225,000	109.2667	98.7354	0.0000	0.0000	20,000	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	185.9652	170.6476	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	36,000	212.0056	195.6349	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	88,187	378.1052	356.7605	0.0000	0.0000	15,000	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	491.4271	466.4182	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	556.6719	530.5841	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	567.0831	540.8342	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	864.6399	834.7033	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1044.8577	1013.3409	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	369.9182	379.1249	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	332.4262	341.8734	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	305.6929	315.2015	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	273.6113	282.4738	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	40,000	267.6487	276.3911	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	233.4865	241.5215	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	204.1313	211.5475	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	187.5518	194.6063	0.0000	0.0000	20,000	0.00		
Jun 2018	ZAUS	11.00 Put	750	26.3448	22.3137	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	423.2425	398.1016	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	438.8158	413.3214	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	458.7577	432.8359	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	749.4591	717.7364	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	783.3979	751.3298	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	507.6184	515.7560	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	501.2272	509.3108	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	295.4633	302.1861	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	34.5330	28.4707	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	431.1389	405.1517	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	480.8125	490.5676	0.0000	0.0000	0	0.00		
			<u>2,323,306</u>					<u>135,000.00</u>	<u>0.00</u>	<u>36,865,529.00</u>	<u>0.00</u>
	Total		3,639,133					234,374.00	1,326,816,855.40	187,359,999.00	1,748,368,884,006.10

<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>
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Grand Total		5,092,380					612,139.00	1,512,813,701.20	249,921,153	2,393,201,604,733.50
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