



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 24-October-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Oct 2017	DAEU	Future	800	16.2071	16.1283	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	21	16.2732	16.1940	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	16.3194	16.2400	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	16.4219	16.3424	0.0000	0.0000	0	0.00		
			<u>2,421</u>					<u>0.00</u>	<u>0.00</u>	<u>246,963.00</u>	<u>3,560,816,255.30</u>
Option											
Jan 2018	DAEU	15.80 Put	193,000	240.4476	266.4637	0.0000	0.0000	765	0.00		
			<u>193,000</u>					<u>765.00</u>	<u>0.00</u>	<u>517,422.00</u>	<u>0.00</u>
	Total		195,421					765.00	0.00	764,385.00	3,560,816,255.30
Future											
Oct 2017	DAGB	Future	43	18.1048	18.1211	0.0000	0.0000	0	0.00		
			<u>43</u>					<u>0.00</u>	<u>0.00</u>	<u>53,427.00</u>	<u>876,149,704.50</u>
	Total		43					0.00	0.00	245,540.00	876,149,704.50
Future											
Oct 2017	DAUS	Future	38,513	13.7779	13.7296	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	500	13.7870	13.7388	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	40,200	13.8006	13.7523	0.0000	0.0000	20,000	275,300,000.00		
Nov 2017	DAUS	Future	70	13.8164	13.7680	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	300	13.8232	13.7747	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,392	13.8255	13.7770	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.8503	13.8016	0.0000	0.0000	312	4,311,528.00		
Nov 2017	DAUS	Future	2,708	13.8548	13.8061	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	24	13.8637	13.8150	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,750	13.8883	13.8396	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.9151	13.8664	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	70	13.9791	13.9314	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	1,480	13.9922	13.9444	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	14.0206	13.9725	0.0000	0.0000	0	0.00		

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Apr 2018	DAUS	Future	70	14.1730	14.1241	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.2095	14.1605	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.3211	14.2716	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.3597	14.3101	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	14.3705	14.3208	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.4108	14.3612	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.5659	14.5167	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.6083	14.5593	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.8144	14.7657	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.1210	16.0782	0.0000	0.0000	0	0.00		
			<u>176,373</u>					<u>20,312.00</u>	<u>279,611,528.00</u>	<u>6,637,677.00</u>	<u>79,850,392,320.80</u>

Option

Oct 2017	DAUS	12.92 Put	1,000	0.0080	0.1136	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.39 Call	40,000	390.4361	348.1222	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	7.7376	19.7827	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.55 Call	40,000	240.2607	207.8184	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.65 Call	30,000	157.0107	133.8360	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.70 Call	80,000	120.7001	102.5551	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	7.3889	8.5824	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	0.0002	0.0030	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.35 Put	20,000	20.2953	29.9403	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.55 Put	20,000	53.7456	71.4283	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.70 Call	40,000	210.5408	187.1086	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.70 Put	40,000	109.9408	134.8086	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	126.9442	147.1636	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	1.7073	1.7888	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	16.0420	20.5701	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	234.4497	253.9009	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	4.5252	5.2367	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	147.9907	161.4893	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	206.1691	195.6891	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	183.0436	173.7114	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	192.3247	206.9766	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	198.2042	213.5886	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	207.2517	223.7543	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	241.8070	259.8259	0.0000	0.0000	696	0.00
Feb 2018	DAUS	12.57 Put	242	59.0164	63.7840	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	138.9221	150.4146	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	166.0128	179.1340	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	185.7101	178.0937	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	144.3797	138.2514	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	114.6618	109.7898	0.0000	0.0000	0	0.00

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Feb 2018	DAUS	15.88 Call	773	106.2486	101.7343	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.00 Put	1,000	1239.5684	1268.5627	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.81 Call	2,000	218.4353	205.7348	0.0000	0.0000	0	0.00	
			<u>1,035,208</u>					696.00	0.00	14,317,149.00
		Total	1,211,581					21,008.00	279,611,528.00	20,954,826.00
										79,850,392,320.80
Future										
Dec 2017	EUUS	Future	185	1.1796	1.1780	1.1789	1.1780	140	1,650,100.00	
			<u>185</u>					140.00	1,650,100.00	648,623.00
		Total	185					140.00	1,650,100.00	648,623.00
										7,287,623,027.00
Future										
Dec 2017	ZAAD	Future	10,496	10.7957	10.8013	10.7730	10.7594	2,100	22,615,655.00	
Mar 2018	ZAAD	Future	500	10.9427	10.9493	10.9150	10.9095	500	5,456,125.00	
Jun 2018	ZAAD	Future	1,550	11.0880	11.0943	0.0000	0.0000	0	0.00	
			<u>12,546</u>					2,600.00	28,071,780.00	3,378,739.00
		Total	12,546					2,600.00	28,071,780.00	3,411,116.00
										28,908,510,466.10
Future										
Dec 2017	ZACA	Future	350	10.9692	10.9569	0.0000	0.0000	0	0.00	
			<u>350</u>					0.00	0.00	101,203.00
		Total	350					0.00	0.00	101,203.00
										970,046,312.10
Future										
Dec 2017	ZAEU	Future	94,334	16.3901	16.3106	16.3950	16.3177	2,357	38,484,368.90	
Mar 2018	ZAEU	Future	13,467	16.7191	16.6391	16.6784	16.6731	1,000	16,676,325.00	
Jun 2018	ZAEU	Future	201	17.0492	16.9670	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	Future	2,544	17.3835	17.3006	0.0000	0.0000	0	0.00	
			<u>110,546</u>					3,357.00	55,160,693.90	12,703,839.00
		Total								178,787,914,090.30
Option										
Dec 2017	ZAEU	14.00 Put	18,000	7.5189	8.9851	0.0000	0.0000	0	0.00	
Dec 2017	ZAEU	16.39 Call	18,000	444.5238	412.4241	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.05 Put	5,648	108.7043	121.6486	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.10 Put	19,510	116.8685	130.5394	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.50 Call	643	798.7932	759.4130	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	54,617	28.2451	34.1890	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	54,617	195.7218	212.2618	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	54,617	199.3583	193.6105	0.0000	0.0000	0	0.00	
			<u>225,652</u>					0.00	0.00	5,582,682.00
		Total	336,198					3,357.00	55,160,693.90	18,286,521.00
										178,787,914,090.30

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Future												
Dec 2017	ZAFR	Future	1,502	14.0852	14.0937	0.0000	0.0000	0	0.00			
			<u>1,502</u>					<u>0.00</u>	<u>0.00</u>	<u>597,303.00</u>	<u>6,345,431,521.60</u>	
		Total	1,502					0.00	0.00	597,303.00	6,345,431,521.60	
Future												
Dec 2017	ZAGB	Future	198,856	18.2717	18.2877	18.3100	18.2400	2,296	41,972,555.20			
Mar 2018	ZAGB	Future	1,686	18.5894	18.6071	18.5999	18.1824	160	2,934,231.00			
Jun 2018	ZAGB	Future	3,383	18.9028	18.9205	0.0000	0.0000	0	0.00			
Sep 2018	ZAGB	Future	1,665	19.2138	19.2332	0.0000	0.0000	0	0.00			
			<u>205,590</u>					<u>2,456.00</u>	<u>44,906,786.20</u>	<u>9,190,133.00</u>	<u>152,930,201,221.80</u>	
Option												
Dec 2017	ZAGB	18.20 Call	400	526.4926	540.8012	0.0000	0.0000	0	0.00			
Dec 2017	ZAGB	19.80 Call	800	108.6367	112.9345	0.0000	0.0000	0	0.00			
Mar 2018	ZAGB	17.00 Put	500	225.3147	225.9611	0.0000	0.0000	0	0.00			
Mar 2018	ZAGB	20.14 Call	500	361.5579	367.5801	0.0000	0.0000	0	0.00			
			<u>2,200</u>					<u>0.00</u>	<u>0.00</u>	<u>1,770,013.00</u>	<u>0.00</u>	
		Total	207,790					2,456.00	44,906,786.20	10,960,146.00	152,930,201,221.80	
Future												
Dec 2017	ZAJY	Future	225	0.1222	0.1221	0.0000	0.0000	0	0.00			
			<u>225</u>					<u>0.00</u>	<u>0.00</u>	<u>952,800.00</u>	<u>10,617,056,977.80</u>	
		Total	225					0.00	0.00	952,800.00	10,617,056,977.80	
Future												
Jun 2018	ZAKS	Future	1,145	0.1307	0.1317	0.0000	0.0000	0	0.00			
			<u>1,145</u>					<u>0.00</u>	<u>0.00</u>	<u>30,799.00</u>	<u>417,691,770.00</u>	
		Total	1,145					0.00	0.00	30,799.00	417,691,770.00	
Future												
Dec 2017	ZATR	Future	4,775	3.6596	3.6695	0.0000	0.0000	0	0.00			
			<u>4,775</u>					<u>0.00</u>	<u>0.00</u>	<u>232,443.00</u>	<u>840,432,591.50</u>	
		Total	4,775					0.00	0.00	232,443.00	840,432,591.50	
Future												
Dec 2017	ZAUM	Future	744	13.8950	13.8463	13.8713	13.8395	78	108,065,760.00			
Mar 2018	ZAUM	Future	18	14.0946	14.0462	0.0000	0.0000	0	0.00			
Jun 2018	ZAUM	Future	9	14.2911	14.2417	0.0000	0.0000	0	0.00			
			<u>771</u>					<u>78.00</u>	<u>108,065,760.00</u>	<u>143,207.00</u>	<u>164,040,033,530.00</u>	
		Total	771					78.00	108,065,760.00	147,730.00	164,040,033,530.00	

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Future											
Dec 2017	ZAUS	Future	906,905	13.8950	13.8463	13.8999	13.8100	56,530	778,780,240.90		
Mar 2018	ZAUS	Future	107,943	14.0946	14.0462	14.1000	14.0149	146,762	2,061,831,983.40		
Jun 2018	ZAUS	Future	108,551	14.2911	14.2417	14.2700	14.2700	10	142,700.00		
Sep 2018	ZAUS	Future	2,462	14.4852	14.4358	14.4362	14.4236	24	346,380.60		
Sep 2020	ZAUS	Future	184,000	16.2490	16.2069	0.0000	0.0000	0	0.00		
			<u>1,309,861</u>					<u>203,326.00</u>	<u>2,841,101,304.90</u>	<u>156,383,415.00</u>	<u>1,827,025,359,166.90</u>
Option											
Dec 2017	ZAUS	11.75 Put	1,000	6.5773	7.4888	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	20,141	9.7769	10.7760	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.16 Put	550	12.6467	13.6778	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.20 Put	4,000	13.4940	14.5285	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	13.7149	14.7502	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	18.7169	19.7385	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	16,416	22.0871	24.8025	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.56 Put	7,100	26.2872	29.5332	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,819	33.7957	37.9537	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.75 Put	10,000	44.0520	49.4134	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.76 Put	550	45.1998	50.6917	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.00 Put	10,000	80.4293	89.7093	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.10 Put	41,000	100.0490	111.2519	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	104.3618	115.9729	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.15 Put	2,600	111.0845	123.3192	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.18 Put	16,000	118.1168	131.2900	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.20 Call	7,000	817.9875	783.1000	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.20 Put	6,728	122.9875	136.8000	0.0000	0.0000	13,456	0.00		
Dec 2017	ZAUS	13.21 Put	5,000	125.6154	139.6131	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.22 Put	7,100	128.2817	142.4652	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.25 Call	16,141	781.5119	747.5570	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	166.5065	183.1588	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.40 Put	114,600	183.0136	200.6346	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.50 Call	11,016	614.1157	584.9912	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.60 Call	4,000	554.3852	527.2171	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.76 Call	3,750	467.5188	443.4294	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.76 Put	3,000	332.5188	357.1294	0.0000	0.0000	3,000	0.00		
Dec 2017	ZAUS	13.93 Call	7,100	387.3826	367.5323	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Call	19,000	358.9372	340.3457	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	463.9372	494.0457	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.40 Call	2,000	229.4198	216.9634	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Call	7,000	204.6849	193.4754	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	809.6849	847.1754	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.63 Call	10,000	176.2660	166.4445	0.0000	0.0000	0	0.00		

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Dec 2017	ZAUS	14.90 Call	1,500	128.5620	0.0000	0.0000	0.0000	3,000	0.00
Dec 2017	ZAUS	15.00 Call	5,580	114.3467	108.0549	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	100.5268	95.0415	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	99.3578	93.9398	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	62.6543	58.9271	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	55.2447	51.9216	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	33.3883	31.2849	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	9.0179	9.1777	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	8.0962	8.3738	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	3.8258	4.3169	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	36.0498	40.4759	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	68.3551	74.0496	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	79.4066	85.3975	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	87.9851	94.1739	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	154.8799	165.7739	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	169.2587	180.8641	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	229.8331	244.1930	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	239.0819	253.8297	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	281.9838	299.1499	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	288.9984	306.9108	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	922.8833	893.6895	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,000	328.2833	347.4895	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	370.5403	391.0102	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	778.8259	752.8731	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	519.9404	544.1719	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	767	662.9569	639.8243	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	596.1957	0.0000	0.0000	0.0000	500	0.00
Mar 2018	ZAUS	14.18 Put	41,000	672.3591	700.1334	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	489.3644	471.5757	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	371.2892	357.4133	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	361.5339	348.0252	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	359.1393	345.7195	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	349.7184	336.6589	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	338.3162	325.6901	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	314.6059	302.8952	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	285.1309	274.5746	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	250.4530	241.1610	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	244.0970	234.6311	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	205.8542	197.8125	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	173.9133	167.0895	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	156.3021	150.1617	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	10.7828	12.8486	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	11.50 Put	32,782	16.6710	21.3132	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.00 Put	137,000	49.9318	57.5928	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.40 Put	12,603	101.2462	110.8200	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.75 Put	32,782	170.2634	180.6787	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	222.8509	234.3038	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	233.7320	245.5433	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	1,250	247.8253	260.0830	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.17 Put	965	283.8836	297.2413	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.22 Put	15,000	299.8525	313.6736	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.30 Put	50	326.5742	341.1437	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.46 Put	5,183	384.3722	400.4515	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.48 Put	7,420	392.0082	408.2768	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	457.5253	476.7634	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	484.8979	504.7677	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.71 Call	50	645.9506	625.9423	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.81 Call	500	614.1636	594.9567	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	528.9006	512.1299	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	521.1986	504.6332	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	452.9562	438.2382	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	431.8540	417.7194	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	317.5447	306.4197	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	285.1618	275.1837	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	270.3812	260.9329	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	32,782	266.5024	257.1912	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	15.2483	18.8250	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	164.9354	180.1399	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	175.3577	190.6008	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	233.4574	248.4959	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1352.6486	1319.2965	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	526.9464	511.1543	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	512.3979	497.0072	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	492.3983	477.5740	0.0000	0.0000	0	0.00		
			<u>2,294,630</u>					<u>19,956.00</u>	<u>0.00</u>	<u>38,577,667.00</u>	<u>0.00</u>
		Total	3,604,491					223,282.00	2,841,101,304.90	194,961,082.00	1,827,025,359,166.90
		Grand Total	5,577,023					253,686.00	3,358,567,953.00	260,818,974	2,507,195,716,131.70