



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 17-August-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Aug 2017	DAEU	Future	0	15.4188	15.4941	0.0000	0.0000	20,000	308,376,000.00
Aug 2017	DAEU	Future	800	15.5155	15.5279	0.0000	0.0000	0	0.00
Sep 2017	DAEU	Future	800	15.6116	15.6252	0.0000	0.0000	0	0.00
Oct 2017	DAEU	Future	800	15.7116	15.7252	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	15.8156	15.8298	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	15.9113	15.9273	0.0000	0.0000	0	0.00
			<u>4,000</u>					<u>20,000.00</u>	<u>308,376,000.00</u>
									<u>210,162.00</u>
									<u>2,972,759,963.30</u>
Option									
Jan 2018	DAEU	15.80 Put	193,111	546.9493	547.3361	0.0000	0.0000	0	0.00
			<u>193,111</u>					<u>0.00</u>	<u>0.00</u>
		Total	197,111					20,000.00	308,376,000.00
									715,877.00
									2,972,759,963.30
Future									
Aug 2017	DAUS	Future	0	13.1610	13.2296	0.0000	0.0000	34,000	447,474,000.00
Aug 2017	DAUS	Future	20,000	13.2013	13.2429	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	910	13.2100	13.2516	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	202	13.2122	13.2538	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	8,325	13.2143	13.2560	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	1,289	13.2716	13.3142	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	2,530	13.2758	13.3185	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	90	13.3052	13.3481	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	334	13.3262	13.3691	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	913	13.3344	13.3774	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	13.3694	13.4127	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	13.4002	13.4440	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	13.4043	13.4482	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,750	13.4351	13.4795	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	13.4597	13.5046	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	13.5583	13.6049	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	13.7311	13.7770	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Jul 2018	DAUS	Future	215	13.8331	13.8794	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.9153	13.9622	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.1023	14.1507	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.2900	14.3397	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.5086	15.5604	0.0000	0.0000	0	0.00		
			<u>126,592</u>					<u>34,000.00</u>	<u>447,474,000.00</u>	<u>6,210,512.00</u>	<u>74,091,092,231.60</u>

Option

Aug 2017	DAUS	13.10 Put	60,000	64.3904	0.0000	0.0000	0.0000	60,000	0.00		
Aug 2017	DAUS	13.40 Call	40,000	41.5079	60.6947	0.0000	0.0000	60,000	0.00		
Aug 2017	DAUS	13.46 Put	20,000	289.6807	263.9540	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.50 Put	60	328.6323	302.5081	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	0.2375	0.2009	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	12.75 Put	20,000	18.8890	16.6401	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.00 Put	20,000	63.3955	58.7520	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	12.45 Put	500	5.6507	5.6062	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	402.8709	385.5997	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	1.7706	1.9298	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	172.7857	164.7516	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	461.6488	444.2936	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	143.3381	159.0115	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	3.1842	3.7038	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	509.5013	492.7672	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	3.9635	4.7098	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	542.9320	526.4076	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	12.1096	14.8855	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	400.7370	387.9667	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	214.4988	230.1540	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	196.5993	211.5999	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.25 Put	107,000	450.0701	436.1377	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.27 Put	154,000	460.0974	446.0004	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	40,904	475.3605	461.0078	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.40 Put	168,000	528.0985	512.9136	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	402.8811	389.8098	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	158.4444	170.7715	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1691.1938	1662.1414	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	258.3763	271.4711	0.0000	0.0000	0	0.00		
			<u>645,450</u>					<u>120,000.00</u>	<u>0.00</u>	<u>13,391,415.00</u>	<u>0.00</u>
Total			772,042					154,000.00	447,474,000.00	19,601,927.00	74,091,092,231.60

Future

Sep 2017	EUUS	Future	12	1.1757	1.1730	0.0000	0.0000	1,300	15,234,700.00
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DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			12					1,300.00	15,234,700.00	612,005.00	6,850,455,536.00	
		Total	12					1,300.00	15,234,700.00	612,005.00	6,850,455,536.00	
Future												
	Sep 2017	ZAAD	Future	25,521	10.4898	10.4829	10.5364	10.5364	250	2,634,100.00		
	Dec 2017	ZAAD	Future	6,890	10.6264	10.6205	0.0000	0.0000	0	0.00		
	Jun 2018	ZAAD	Future	1,500	10.8908	10.8858	0.0000	0.0000	0	0.00		
				33,911					250.00	2,634,100.00	3,303,380.00	28,113,879,184.70
		Total	33,911					250.00	2,634,100.00	3,335,757.00	28,113,879,184.70	
Future												
	Sep 2017	ZACA	Future	870	10.4793	10.4687	0.0000	0.0000	0	0.00		
	Dec 2017	ZACA	Future	1,250	10.6382	10.6281	0.0000	0.0000	0	0.00		
				2,120					0.00	0.00	97,533.00	930,430,262.10
		Total	2,120					0.00	0.00	97,533.00	930,430,262.10	
Future												
	Sep 2017	ZACR	Future	10	1.9804	1.9827	0.0000	0.0000	0	0.00		
				10					0.00	0.00	109,814.00	2,503,859,606.00
		Total	10					0.00	0.00	109,814.00	2,503,859,606.00	
Future												
	Sep 2017	ZAEU	Future	110,696	15.5814	15.5950	15.5874	15.5346	3,728	57,984,822.20		
	Dec 2017	ZAEU	Future	33,201	15.8809	15.8958	15.8591	15.8591	25	396,477.50		
	Mar 2018	ZAEU	Future	10,307	16.1857	16.2028	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	Future	1	16.4864	16.5037	0.0000	0.0000	0	0.00		
				154,205					3,753.00	58,381,299.70	12,119,158.00	169,526,274,708.70
Option												
	Sep 2017	ZAEU	15.10 Put	16,000	72.5663	77.2423	0.0000	0.0000	0	0.00		
	Dec 2017	ZAEU	14.00 Put	18,000	39.5123	40.3530	0.0000	0.0000	0	0.00		
	Dec 2017	ZAEU	16.39 Call	18,000	383.0420	396.4048	0.0000	0.0000	0	0.00		
	Mar 2018	ZAEU	15.05 Put	5,648	276.7436	277.5457	0.0000	0.0000	0	0.00		
	Mar 2018	ZAEU	15.10 Put	19,510	291.8040	292.5926	0.0000	0.0000	0	0.00		
				77,158					0.00	0.00	5,307,974.00	0.00
		Total	231,363					3,753.00	58,381,299.70	17,427,132.00	169,526,274,708.70	
Future												
	Sep 2017	ZAFR	Future	3,008	13.7720	13.6585	0.0000	0.0000	0	0.00		
	Dec 2017	ZAFR	Future	1,150	14.0505	13.9361	0.0000	0.0000	0	0.00		
				4,158					0.00	0.00	586,546.00	6,196,478,988.40
		Total	4,158					0.00	0.00	586,546.00	6,196,478,988.40	

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Future											
Sep 2017	ZAGB	Future	192,438	17.0973	17.1266	17.1208	17.0280	3,169	54,142,069.20		
Dec 2017	ZAGB	Future	8,251	17.3922	17.4238	17.3720	17.3622	2,000	34,733,750.00		
Mar 2018	ZAGB	Future	420	17.6879	17.7221	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	17.9761	18.0102	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	18.2678	18.3038	0.0000	0.0000	0	0.00		
			<u>205,796</u>					<u>5,169.00</u>	<u>88,875,819.20</u>	<u>8,599,303.00</u>	<u>142,506,265,208.20</u>
Option											
Sep 2017	ZAGB	16.70 Call	700	531.2624	564.7762	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	23.5024	28.3851	0.0000	0.0000	0	0.00		
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1,767,013.00</u>	<u>0.00</u>
Total			206,796					5,169.00	88,875,819.20	10,366,316.00	142,506,265,208.20
Future											
Sep 2017	ZAJY	Future	84	0.1207	0.1202	0.1200	0.1200	7	84,028.00		
Dec 2017	ZAJY	Future	115	0.1230	0.1225	0.0000	0.0000	0	0.00		
			<u>199</u>					<u>7.00</u>	<u>84,028.00</u>	<u>952,496.00</u>	<u>10,613,422,776.50</u>
Total			199					7.00	84,028.00	952,496.00	10,613,422,776.50
Future											
Sep 2017	ZAKS	Future	1,382	0.1275	0.1276	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1259	0.1264	0.0000	0.0000	0	0.00		
			<u>2,527</u>					<u>0.00</u>	<u>0.00</u>	<u>29,417.00</u>	<u>400,402,950.00</u>
Total			2,527					0.00	0.00	29,417.00	400,402,950.00
Future											
Sep 2017	ZAUM	Future	471	13.2526	13.2952	13.2743	13.1967	71	93,968,800.00		
Dec 2017	ZAUM	Future	159	13.4413	13.4858	13.4624	13.4281	16	21,496,190.00		
Mar 2018	ZAUM	Future	6	13.6262	13.6726	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	172	13.8057	13.8519	0.0000	0.0000	0	0.00		
			<u>808</u>					<u>87.00</u>	<u>115,464,990.00</u>	<u>140,321.00</u>	<u>160,201,103,490.00</u>
Total			808					87.00	115,464,990.00	144,844.00	160,201,103,490.00
Future											
Sep 2017	ZAUS	Future	779,602	13.2526	13.2952	13.3050	13.1971	109,551	1,451,976,065.30		
Dec 2017	ZAUS	Future	129,631	13.4413	13.4858	13.4624	13.3960	1,812	24,333,871.00		
Mar 2018	ZAUS	Future	90,374	13.6262	13.6726	13.6790	13.6226	9,030	123,146,621.00		
Jun 2018	ZAUS	Future	100,881	13.8057	13.8519	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	Future	400	13.9860	14.0335	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	2,500	14.3573	14.4075	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.6255	15.6772	0.0000	0.0000	0	0.00		

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		1,287,388					120,393.00	1,599,456,557.30	150,858,536.00	1,753,255,798,524.80
Option										
Sep 2017	ZAUS	12.00 Put	37,202	4.7346	4.9656	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.20 Put	1,000	7.8200	8.3870	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.25 Put	10,000	8.8953	9.5796	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.26 Put	5,250	9.1290	9.8382	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.50 Put	96,225	17.2957	18.8153	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.54 Put	1,000	19.2980	20.9915	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.55 Put	4,920	19.8364	21.5749	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.60 Put	190	22.8059	24.7507	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.75 Call	3,500	546.8948	588.6866	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.75 Put	26,250	44.2948	43.4866	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.80 Put	3,000	54.0639	52.9325	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.90 Call	400	430.7699	471.3534	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.96 Put	1,000	95.8003	93.0826	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.00 Call	4,551	361.5516	400.8902	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.00 Put	38,100	108.9516	105.6902	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.14 Put	90	164.1670	158.5068	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.15 Put	500	168.6674	162.8062	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.20 Call	3,000	244.8845	280.5653	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.20 Put	5,920	192.2845	185.3653	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.25 Put	25,250	217.7514	209.6874	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.35 Put	2,600	277.6166	264.9401	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.40 Call	100	162.6725	190.9678	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.40 Put	3,500	310.0725	295.7678	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.42 Call	1,000	156.0961	183.7385	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.45 Call	4,375	146.6808	173.3495	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.45 Put	3,500	344.0808	328.1495	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.48 Call	111	137.7895	163.4890	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.50 Call	5,980	132.1403	157.1989	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.63 Put	186,712	477.7998	456.2361	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.65 Call	1,000	96.2155	116.6628	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.75 Put	20,000	575.1067	550.1510	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.76 Put	960	583.4602	558.2394	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.80 Call	10,000	69.8140	86.1560	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.81 Call	4,920	68.3336	84.4241	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.90 Call	1,000	56.3503	70.2972	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.94 Call	1,250	51.3425	64.7976	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.00 Call	3,000	44.6094	56.9100	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.20 Call	90	27.7762	36.5351	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.22 Put	110	993.8824	959.7384	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.32 Put	110	1088.2546	1052.7286	0.0000	0.0000	0	0.00	

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Sep 2017	ZAUS	14.33 Call	3,000	20.3618	27.3086	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1231.9660	1194.7387	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	13.5577	18.6389	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	12.0314	16.6582	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	8.1722	11.4157	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	7.8188	10.9269	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	4.4518	6.2271	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.7982	0.9388	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.9221	1.0273	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.9573	1.0542	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	1.0733	1.1453	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	1.1594	1.2148	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	1.1730	1.2258	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.2735	0.3215	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	33.4107	32.1643	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	48.3732	46.6913	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	71.1709	66.4840	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	104.2975	98.5176	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	125.6529	119.2663	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	163.2338	155.9037	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	284.0843	272.9045	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	327.5457	315.4596	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	336.6625	324.3975	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	364.8618	352.0470	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	379.4307	366.3430	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	590.6403	621.6829	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	451.4925	437.1153	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	478.8174	463.9806	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	477.9730	505.9349	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	371.9033	396.0805	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	873.2079	850.5074	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	1,000	225.4799	242.9040	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1266.4002	1238.3042	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	186.8345	201.9861	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	137.4638	149.8792	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	125.2724	136.8291	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	124.2228	135.7049	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	90.5973	99.5376	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	60.6959	67.1167	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	22.5442	27.0780	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	20.4801	24.8445	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	8.4899	11.0933	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>		
Mar 2018	ZAUS	12.00 Put	225,000	103.4083	99.4717	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	181.1208	173.3503	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	36,000	207.2200	198.8350	0.0000	0.0000	15,000	0.00		
Mar 2018	ZAUS	13.00 Put	103,187	376.2761	364.5669	0.0000	0.0000	15,000	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	491.6311	477.6852	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	558.1253	543.0077	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	568.7403	553.4426	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	872.8647	852.6559	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1057.0561	1034.1955	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	334.1803	351.5112	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	298.5182	314.5083	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	273.6047	288.7008	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	243.8418	257.8270	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	55,000	238.3282	252.1027	0.0000	0.0000	30,000	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	206.8483	219.3714	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	179.9687	191.3583	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	164.8620	175.5858	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	17.0629	22.1606	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	423.9388	411.3291	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	439.7590	426.9058	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	460.0163	446.8667	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	757.6007	738.4781	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	792.1519	772.5852	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	473.2410	489.3363	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	467.1786	483.0868	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	271.8296	282.0515	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	29.1092	29.7301	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	434.8194	420.8075	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	451.2672	464.5275	0.0000	0.0000	0	0.00		
			<u>2,354,456</u>					<u>60,000.00</u>	<u>0.00</u>	<u>36,927,329.00</u>	<u>0.00</u>
	Total		3,641,844					180,393.00	1,599,456,557.30	187,785,865.00	1,753,255,798,524.80
	Grand Total		5,092,901					364,959.00	2,635,981,494.20	250,279,106	2,401,573,750,701.30