



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 18-August-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Aug 2017	DAEU	Future	800	15.5405	15.5155	0.0000	0.0000	0	0.00
Sep 2017	DAEU	Future	800	15.6373	15.6116	0.0000	0.0000	0	0.00
Oct 2017	DAEU	Future	800	15.7375	15.7116	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	15.8417	15.8156	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	15.9377	15.9113	0.0000	0.0000	0	0.00
			<u>4,000</u>					<u>0.00</u>	<u>0.00</u>
									<u>210 162.00</u>
									<u>2 972 759 963.30</u>
Option									
Jan 2018	DAEU	15.80 Put	193,111	536.8237	546.9493	0.0000	0.0000	0	0.00
			<u>193,111</u>					<u>0.00</u>	<u>0.00</u>
		Total	197,111					0.00	0.00
									<u>715 877.00</u>
									<u>2 972 759 963.30</u>
Future									
Aug 2017	DAUS	Future	20,000	13.2158	13.2013	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	910	13.2246	13.2100	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	202	13.2268	13.2122	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	8,325	13.2289	13.2143	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	75	13.2397	13.2854	0.0000	0.0000	75	996,405.00
Sep 2017	DAUS	Future	75	13.2847	13.3303	0.0000	0.0000	75	999,772.50
Sep 2017	DAUS	Future	1,289	13.2868	13.2716	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	2,530	13.2910	13.2758	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	90	13.3205	13.3052	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	334	13.3415	13.3262	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	913	13.3497	13.3344	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	13.3847	13.3694	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	13.4156	13.4002	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	13.4197	13.4043	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,750	13.4507	13.4351	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	13.4754	13.4597	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	13.5744	13.5583	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	13.7488	13.7311	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	Future	215	13.8515	13.8331	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.9341	13.9153	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.1239	14.1023	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.3147	14.2900	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.5586	15.5086	0.0000	0.0000	0	0.00		
			<u>126,742</u>					<u>150.00</u>	<u>1,996,177.50</u>	<u>6 210 662.00</u>	<u>74 093 088 409.10</u>

Option

Aug 2017	DAUS	13.10 Put	60,000	53.4024	64.3904	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.40 Call	40,000	40.0254	41.5079	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.46 Put	20,000	273.6590	289.6807	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.50 Put	60	316.0256	328.6323	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	0.2791	0.2375	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	12.75 Put	20,000	14.7260	18.8890	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.00 Put	20,000	57.3178	63.3955	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	12.45 Put	500	4.7739	5.6507	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	390.0851	402.8709	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	1.6677	1.7706	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	166.6726	172.7857	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	451.6820	461.6488	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	145.9597	143.3381	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	3.4350	3.1842	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	498.2237	509.5013	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	3.9612	3.9635	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	534.3646	542.9320	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	12.2760	12.1096	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	394.8266	400.7370	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	218.7208	214.4988	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	200.5025	196.5993	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.25 Put	107,000	445.5877	450.0701	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.27 Put	154,000	455.5417	460.0974	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	40,904	470.6927	475.3605	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.40 Put	168,000	523.0606	528.0985	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	398.8602	402.8811	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	162.3090	158.4444	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1681.6189	1691.1938	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	263.9612	258.3763	0.0000	0.0000	0	0.00		
			<u>645,450</u>					<u>0.00</u>	<u>0.00</u>	<u>13 391 415.00</u>	<u>0.00</u>
Total			772,192					150.00	1,996,177.50	19 602 077.00	74 093 088 409.10

Future

Sep 2017	EUUS	Future	17	1.1763	1.1757	1.1764	1.1764	5,313	62,515,592.00
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DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			17					5,313.00	62,515,592.00	617 318.00	6 912 971 128.00
	Total		17					5,313.00	62,515,592.00	617 318.00	6 912 971 128.00
Future											
	Sep 2017 ZAAD	Future	25,521	10.4950	10.4898	0.0000	0.0000	0	0.00		
	Dec 2017 ZAAD	Future	6,890	10.6319	10.6264	0.0000	0.0000	0	0.00		
	Jun 2018 ZAAD	Future	1,500	10.8975	10.8908	0.0000	0.0000	0	0.00		
			33,911					0.00	0.00	3 303 380.00	28 113 879 184.70
	Total		33,911					0.00	0.00	3 335 757.00	28 113 879 184.70
Future											
	Sep 2017 ZACA	Future	970	10.5339	10.4793	10.5091	10.5091	100	1,050,910.00		
	Dec 2017 ZACA	Future	1,250	10.6936	10.6382	0.0000	0.0000	0	0.00		
			2,220					100.00	1,050,910.00	97 633.00	931 481 172.10
	Total		2,220					100.00	1,050,910.00	97 633.00	931 481 172.10
Future											
	Sep 2017 ZACR	Future	10	1.9846	1.9804	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	110,716	15.6069	15.5814	15.6500	15.6243	212	3,314,793.00		
	Dec 2017 ZAEU	Future	33,228	15.9072	15.8809	15.9881	15.9881	27	431,678.70		
	Mar 2018 ZAEU	Future	10,307	16.2126	16.1857	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	Future	1	16.5149	16.4864	0.0000	0.0000	0	0.00		
			154,252					239.00	3,746,471.70	12 119 397.00	169 530 021 180.40
Option											
	Sep 2017 ZAEU	15.10 Put	16,000	65.5521	72.5663	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	14.00 Put	18,000	37.1804	39.5123	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	16.39 Call	18,000	391.4301	383.0420	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.05 Put	5,648	272.3309	276.7436	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.10 Put	19,510	287.1736	291.8040	0.0000	0.0000	0	0.00		
			77,158					0.00	0.00	5 307 974.00	0.00
	Total		231,410					239.00	3,746,471.70	17 427 371.00	169 530 021 180.40
Future											
	Sep 2017 ZAFR	Future	3,008	13.8176	13.7720	0.0000	0.0000	0	0.00		
	Dec 2017 ZAFR	Future	1,150	14.0981	14.0505	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	17.0732	17.0973	17.1348	17.1295	503	8,630,649.10	
Dec 2017	ZAGB	Future	8,251	17.3684	17.3922	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	Future	420	17.6644	17.6879	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	Future	3,033	17.9535	17.9761	0.0000	0.0000	0	0.00	
Sep 2018	ZAGB	Future	1,654	18.2450	18.2678	0.0000	0.0000	0	0.00	
			<u>205,796</u>					<u>503.00</u>	<u>8,630,649.10</u>	<u>8 599 806.00</u> <u>142 514 895 857.30</u>
Option										
Sep 2017	ZAGB	16.70 Call	700	509.6364	531.2624	0.0000	0.0000	0	0.00	
Sep 2017	ZAGB	18.50 Call	300	21.7936	23.5024	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					503.00	8,630,649.10	10 366 819.00 142 514 895 857.30
Future										
Sep 2017	ZAJY	Future	84	0.1221	0.1207	0.0000	0.0000	0	0.00	
Dec 2017	ZAJY	Future	115	0.1244	0.1230	0.0000	0.0000	0	0.00	
			<u>199</u>					<u>0.00</u>	<u>0.00</u>	<u>952 496.00</u> <u>10 613 422 776.50</u>
		Total	199					0.00	0.00	952 496.00 10 613 422 776.50
Future										
Sep 2017	ZAKS	Future	1,382	0.1278	0.1275	0.0000	0.0000	0	0.00	
Jun 2018	ZAKS	Future	1,145	0.1255	0.1259	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	475	13.2677	13.2526	13.3068	13.2605	20	26,550,850.00	
Dec 2017	ZAUM	Future	159	13.4568	13.4413	0.0000	0.0000	0	0.00	
Mar 2018	ZAUM	Future	6	13.6429	13.6262	0.0000	0.0000	0	0.00	
Jun 2018	ZAUM	Future	172	13.8239	13.8057	0.0000	0.0000	0	0.00	
			<u>812</u>					<u>20.00</u>	<u>26,550,850.00</u>	<u>140 341.00</u> <u>160 227 654 340.00</u>
		Total	812					20.00	26,550,850.00	144 864.00 160 227 654 340.00
Future										
Sep 2017	ZAUS	Future	772,687	13.2677	13.2526	13.3270	13.2550	30,326	403,299,012.30	
Dec 2017	ZAUS	Future	129,481	13.4568	13.4413	13.5071	13.4816	1,050	14,169,120.00	
Mar 2018	ZAUS	Future	90,374	13.6429	13.6262	0.0000	0.0000	1,000	13,701,300.00	
Jun 2018	ZAUS	Future	100,881	13.8239	13.8057	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	Future	400	14.0057	13.9860	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	Future	2,500	14.3831	14.3573	0.0000	0.0000	0	0.00	
Sep 2020	ZAUS	Future	184,000	15.6783	15.6255	0.0000	0.0000	0	0.00	

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		1,280,323					32,376.00	431,169,432.30	
								150 890 912.00	
								1 753 686 967 957.10	
Option									
Sep 2017	ZAUS	12.00 Put	37,202	4.0135	4.7346	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	6.7347	7.8200	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	7.6915	8.8953	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	7.8998	9.1290	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	96,225	15.2610	17.2957	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	17.0836	19.2980	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	17.5745	19.8364	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	20.2901	22.8059	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	557.9485	546.8948	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	40.2485	44.2948	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	49.4312	54.0639	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	439.9824	430.7699	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	89.1285	95.8003	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	369.4515	361.5516	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	101.7515	108.9516	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	155.1402	164.1670	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	159.5137	168.6674	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	250.2129	244.8845	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	182.5129	192.2845	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,250	207.3879	217.7514	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.35 Put	2,600	266.1236	277.6166	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	165.7804	162.6725	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	298.0804	310.0725	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	159.0145	156.0961	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	149.3322	146.6808	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	331.6322	344.0808	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	140.1880	137.7895	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	134.3802	132.1403	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	186,712	464.0604	477.7998	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	97.4623	96.2155	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	560.7738	575.1067	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	569.0873	583.4602	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	70.3879	69.8140	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	68.8720	68.3336	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	56.6153	56.3503	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	51.4546	51.3425	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	44.5267	44.6094	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	27.2911	27.7762	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	978.2741	993.8824	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1072.5656	1088.2546	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	14.33 Call	3,000	19.7672	20.3618	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1216.2378	1231.9660	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	12.9306	13.5577	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	11.4105	12.0314	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	7.7077	8.1722	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	7.3755	7.8188	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	4.2164	4.4518	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.7937	0.7982	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.9418	0.9221	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.9833	0.9573	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	1.1192	1.0733	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	1.2197	1.1594	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	1.2355	1.1730	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.2935	0.2735	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	31.7413	33.4107	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	46.1544	48.3732	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	68.2417	71.1709	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	100.5026	104.2975	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	121.3681	125.6529	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	158.1807	163.2338	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	277.2633	284.0843	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	320.2602	327.5457	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	329.2861	336.6625	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	357.2168	364.8618	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	371.6538	379.4307	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	598.1902	590.6403	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	443.1231	451.4925	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	470.2458	478.8174	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,516	484.4928	477.9730	0.0000	0.0000	200	0.00
Dec 2017	ZAUS	13.80 Call	1,000	377.2765	371.9033	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	862.4279	873.2079	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	1,000	228.9786	225.4799	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1254.1342	1266.4002	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	189.7502	186.8345	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	139.6354	137.4638	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	127.2622	125.2724	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	126.1970	124.2228	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	92.0623	90.5973	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	61.6932	60.6959	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	22.6338	22.5442	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	20.5260	20.4801	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	8.4480	8.4899	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	102.4612	103.4083	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	179.8890	181.1208	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	36,000	205.7849	207.2200	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	103,187	373.5638	376.2761	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	488.1224	491.6311	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	554.1792	558.1253	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	564.7243	568.7403	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	866.9874	872.8647	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1050.1657	1057.0561	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	341.5032	334.1803	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	305.2238	298.5182	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	279.8577	273.6047	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	249.5317	243.8418	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	55,000	243.9101	238.3282	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	211.7962	206.8483	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	184.3501	179.9687	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	168.9102	164.8620	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	19.5050	17.0629	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	420.1730	423.9388	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	435.9108	439.7590	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	456.0678	460.0163	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	752.0615	757.6007	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	786.4510	792.1519	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	481.6468	473.2410	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	475.5044	467.1786	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	277.1387	271.8296	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	25.3796	29.1092	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	430.0506	434.8194	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	458.1613	451.2672	0.0000	0.0000	0	0.00		
			<u>2,354,656</u>					<u>200.00</u>	<u>0.00</u>	<u>36 927 529.00</u>	<u>0.00</u>
Total			3,634,979					32,576.00	431,169,432.30	187 818 441.00	1 753 686 967 957.10
Grand Total			5,086,342					38,901.00	535 660 082.60	250,318,007	2,402,109,410,783.90