



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 31-August-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Sep 2017	DAEU	Future	800	15.4993	15.5916	0.0000	0.0000	0	0.00
Oct 2017	DAEU	Future	800	15.5977	15.6932	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	15.7010	15.7968	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	15.7987	15.8956	0.0000	0.0000	0	0.00
			<u>3,200</u>					<u>0.00</u>	<u>0.00</u>
									<u>210 962.00</u>
									<u>2 985 242 523.30</u>
Option									
Jan 2018	DAEU	15.80 Put	193,000	541.1175	499.2339	0.0000	0.0000	0	0.00
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>
									<u>505 826.00</u>
									<u>0.00</u>
		Total	196,200					0.00	0.00
									716 788.00
									2 985 242 523.30
Future									
Oct 2017	DAGB	Future	43	16.9107	17.0160	0.0000	0.0000	0	0.00
			<u>43</u>					<u>0.00</u>	<u>0.00</u>
									<u>53 384.00</u>
		Total	43					0.00	0.00
									244 497.00
									875 373 726.50
Future									
Aug 2017	DAUS	Future	0	13.0185	13.0197	0.0000	0.0000	5,842	76,054,077.00
Sep 2017	DAUS	Future	75	13.0011	13.0261	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	75	13.0373	13.0690	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	1,289	13.0394	13.0714	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	3,013	13.0437	13.0763	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	90	13.0725	13.1056	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	834	13.0926	13.1257	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	913	13.1006	13.1337	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	13.1349	13.1679	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	13.1653	13.1982	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	13.1693	13.2023	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,750	13.1993	13.2321	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	13.2231	13.2559	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	13.3182	13.3512	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
May 2018	DAUS	Future	70	13.4890	13.5218	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	605	13.5901	13.6222	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	2,800	13.6249	13.6566	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.6713	13.7025	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.8577	13.8891	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.0471	14.0790	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.2669	15.2968	0.0000	0.0000	0	0.00		
			<u>101,478</u>					<u>5,842.00</u>	<u>76,054,077.00</u>	<u>6 288 123.00</u>	<u>75 108 631 426.20</u>

Option

Sep 2017	DAUS	12.75 Put	20,000	1.8142	2.9274	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.00 Put	20,000	37.8488	38.7758	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.45 Call	20,000	0.1568	1.8639	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	12.45 Put	500	2.9547	3.4529	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	516.7530	495.0104	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	0.5268	0.7445	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.00 Call	500	60.9719	68.7671	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	196.7088	187.2553	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	553.7075	533.8442	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	59.9422	67.2465	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	1.1020	1.2490	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	589.2442	573.3958	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	1.0719	1.4923	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	623.0351	608.4456	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	1.3226	1.9923	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	457.1836	446.2747	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	134.5242	143.8918	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	121.3364	129.9987	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.25 Put	107,000	512.7928	501.0644	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.27 Put	154,000	524.0916	512.1905	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	40,904	541.2698	529.1029	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.40 Put	168,000	601.7521	588.0701	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	459.4585	448.5997	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	101.1916	107.7375	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1839.8784	1817.9879	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	191.0478	198.9887	0.0000	0.0000	0	0.00		
			<u>545,830</u>					<u>0.00</u>	<u>0.00</u>	<u>13 411 915.00</u>	<u>0.00</u>
Total			647,308					5,842.00	76,054,077.00	19 700 038.00	75 108 631 426.20

Future

Sep 2017	EUUS	Future	17	1.1881	1.1922	0.0000	0.0000	5,239	62,323,129.00
Dec 2017	EUUS	Future	40	1.1941	1.1984	1.1959	1.1959	40	478,360.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
			57					5,279.00	62,801,489.00	627 851.00	7 039 153 453.00
		Total	57					5,279.00	62,801,489.00	627 851.00	7 039 153 453.00
Future											
	Sep 2017	ZAAD	Future	25,771	10.3069	10.3213	0.0000	0.0000	0	0.00	
	Dec 2017	ZAAD	Future	6,910	10.4410	10.4577	0.0000	0.0000	0	0.00	
	Jun 2018	ZAAD	Future	1,500	10.6979	10.7143	0.0000	0.0000	0	0.00	
				34,181				0.00	0.00	3 305 189.00	28 132 854 859.30
		Total		34,181				0.00	0.00	3 337 566.00	28 132 854 859.30
Future											
	Sep 2017	ZACA	Future	1,200	10.3802	10.3476	10.3500	10.3500	20	207,000.00	
	Dec 2017	ZACA	Future	1,000	10.5362	10.5061	0.0000	0.0000	0	0.00	
				2,200				20.00	207,000.00	98 303.00	938 509 572.10
		Total		2,200				20.00	207,000.00	98 303.00	938 509 572.10
Future											
	Sep 2017	ZACR	Future	10	1.9725	1.9778	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	111,999	15.4695	15.5574	15.5125	15.4544	3,624	56,132,633.50	
	Dec 2017	ZAEU	Future	35,071	15.7679	15.8647	15.8101	15.8101	100	1,581,010.00	
	Mar 2018	ZAEU	Future	10,307	16.0677	16.1660	0.0000	0.0000	0	0.00	
	Jun 2018	ZAEU	Future	1	16.3672	16.4660	0.0000	0.0000	0	0.00	
				157,378				3,724.00	57,713,643.50	12 147 702.00	169 973 506 778.80
Option											
	Sep 2017	ZAEU	15.10 Put	16,000	46.3797	37.2258	0.0000	0.0000	0	0.00	
	Dec 2017	ZAEU	14.00 Put	18,000	20.9341	19.0538	0.0000	0.0000	0	0.00	
	Dec 2017	ZAEU	16.39 Call	18,000	280.0269	314.8211	0.0000	0.0000	0	0.00	
	Mar 2018	ZAEU	15.05 Put	5,648	261.3210	240.1427	0.0000	0.0000	0	0.00	
	Mar 2018	ZAEU	15.10 Put	19,510	276.6344	254.4768	0.0000	0.0000	0	0.00	
	Mar 2018	ZAEU	16.50 Call	643	556.4463	599.4137	0.0000	0.0000	0	0.00	
				77,801				0.00	0.00	5 309 260.00	0.00
		Total		235,179				3,724.00	57,713,643.50	17 456 962.00	169 973 506 778.80
Future											
	Sep 2017	ZAFR	Future	4,008	13.5322	13.6153	0.0000	0.0000	0	0.00	
	Dec 2017	ZAFR	Future	1,250	13.8081	13.9009	0.0000	0.0000	0	0.00	
				5,258				0.00	0.00	587 646.00	6 211 664 938.40

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Total			5,258					0.00	0.00	587 646.00	6 211 664 938.40
Future											
Sep 2017	ZAGB	Future	192,493	16.7722	16.8701	16.8681	16.8000	1,591	26,792,244.60		
Dec 2017	ZAGB	Future	8,490	17.0628	17.1691	17.1315	17.0900	86	1,471,981.50		
Mar 2018	ZAGB	Future	420	17.3491	17.4567	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	17.6326	17.7409	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	17.9158	18.0238	0.0000	0.0000	0	0.00		
			<u>206,090</u>					<u>1,677.00</u>	<u>28,264,226.10</u>	<u>8 617 992.00</u>	<u>142 823 394 391.10</u>
Option											
Sep 2017	ZAGB	16.70 Call	700	234.7696	303.8369	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	3.1016	4.9456	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			207,090					1,677.00	28,264,226.10	10 385 005.00	142 823 394 391.10
Future											
Sep 2017	ZAJY	Future	84	0.1183	0.1185	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1205	0.1208	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	0.1261	0.1261	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1241	0.1253	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	579	13.0204	13.0497	13.0745	13.0488	60	78,422,950.00		
Dec 2017	ZAUM	Future	197	13.2052	13.2380	13.2943	13.2346	15	19,885,200.00		
Mar 2018	ZAUM	Future	6	13.3852	13.4182	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	172	13.5630	13.5954	0.0000	0.0000	0	0.00		
			<u>954</u>					<u>75.00</u>	<u>98,308,150.00</u>	<u>140 757.00</u>	<u>160 776 990 050.00</u>
Total			954					75.00	98,308,150.00	145 280.00	160 776 990 050.00
Future											
Sep 2017	ZAUS	Future	859,628	13.0204	13.0497	13.1116	13.0229	105,916	1,383,579,958.50		
Dec 2017	ZAUS	Future	129,466	13.2052	13.2380	13.2943	13.2346	10,634	140,765,827.50		
Mar 2018	ZAUS	Future	113,730	13.3852	13.4182	13.4200	13.4200	20	268,400.00		
Jun 2018	ZAUS	Future	103,550	13.5630	13.5954	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	Future	400	13.7404	13.7714	0.0000	0.0000	0	0.00		

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Mar 2019	ZAUS	Future	0	14.1150	14.1471	0.0000	0.0000	2,500	35,425,000.00	
Sep 2020	ZAUS	Future	184,000	15.3843	15.4137	0.0000	0.0000	0	0.00	
			<u>1,390,774</u>					<u>119,070.00</u>	<u>1,560,039,186.00</u>	<u>151 450 807.00</u>
										<u>1 761 090 255 344.90</u>
Option										
Sep 2017	ZAUS	12.00 Put	37,202	1.4594	1.8236	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.20 Put	1,000	3.2867	3.4711	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.25 Put	10,000	4.0468	4.1128	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.26 Put	5,250	4.2199	4.2565	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.50 Put	96,184	14.1678	12.6231	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.54 Put	1,000	17.4656	15.7833	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.55 Put	4,920	18.3881	16.6711	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.60 Put	190	23.6645	21.7704	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.75 Call	3,500	318.2760	345.0521	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.75 Put	26,250	47.8760	45.3521	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.80 Put	3,000	59.4835	56.6716	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.90 Call	400	209.7536	235.4170	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	12.96 Put	1,000	112.0769	107.7124	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.00 Call	4,551	149.8017	174.1243	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.00 Put	38,100	129.4017	124.4243	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.14 Put	90	214.2270	201.8275	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.15 Put	500	221.0512	208.3396	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.20 Call	3,000	76.9222	91.9718	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.20 Put	5,920	256.5222	242.2718	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.25 Put	25,250	294.0766	278.3402	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.35 Put	2,600	374.5097	356.0345	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.40 Call	100	37.3516	46.9465	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.40 Put	3,500	416.9516	397.2465	0.0000	0.0000	6,000	0.00	
Sep 2017	ZAUS	13.42 Call	1,000	34.6796	43.8106	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.45 Call	4,375	31.0107	39.4773	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.45 Put	3,500	460.6107	439.7773	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.48 Call	111	27.7160	35.5553	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.50 Call	5,980	25.7104	33.1516	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.63 Put	143,712	625.3295	601.2681	0.0000	0.0000	94,858	0.00	
Sep 2017	ZAUS	13.65 Call	1,000	14.5805	19.5355	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.75 Put	20,000	739.7604	714.0893	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.76 Put	960	749.4025	723.6263	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.80 Call	10,000	8.4969	11.6278	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.81 Call	4,920	8.1998	11.2392	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.90 Call	1,000	5.9695	8.2953	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	13.94 Call	1,250	5.1933	7.2578	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.00 Call	3,000	4.2237	5.9505	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	14.20 Call	90	2.1683	3.1250	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>
Sep 2017	ZAUS	14.22 Put	110	1201.6325	1173.2349	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1301.0933	1272.4554	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	1.4542	2.0909	0.0000	0.0000	3,000	0.00
Sep 2017	ZAUS	14.47 Put	150	1450.6171	1421.7644	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	0.9451	1.3637	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,084	0.8385	1.2140	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	0.5711	0.8353	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	0.5471	0.8011	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	0.3261	0.4831	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.1187	0.1407	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.1174	0.1152	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.1180	0.1108	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	0.1212	0.1009	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	0.0918	0.0840	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	0.0841	0.0768	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.0042	0.0036	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	25.1798	26.4420	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	41.8201	40.8854	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	71.0752	69.2998	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	108.6573	105.7901	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	133.2949	129.7171	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	178.7396	173.2075	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	322.0267	313.5852	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	372.0604	362.7111	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	382.5373	373.0064	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	414.8944	404.8022	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	431.8174	421.2130	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	410.7339	431.6089	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	517.3509	504.3569	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	549.5600	536.0364	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,516	321.6313	339.8687	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	239.7334	255.0431	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	992.0426	972.7795	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	134.5331	144.7943	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1417.3401	1394.1060	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	107.6247	117.1695	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	74.8094	81.9872	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	67.2769	73.8655	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	66.6343	73.1717	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	46.5995	51.4575	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	27.6415	31.7790	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	5.0537	6.9606	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	17.24 Call	33,000	4.2522	5.9577	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	1.1231	1.7099	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	109.6185	107.6710	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	201.4292	196.9575	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	231.2764	226.0293	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	113,187	429.0532	419.3310	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	5,600	558.1103	545.9900	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	631.9234	618.5543	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	643.6650	630.1061	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	100	589.7066	608.3513	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	978.0633	960.6116	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	767	427.9829	442.8969	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	1177.1751	1158.0386	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	244.5239	254.9619	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	215.3489	224.9327	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	195.9668	204.9591	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	173.0685	181.3245	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	168.8577	176.9737	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	145.0181	152.3213	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	750	124.9498	131.5295	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	114.5358	120.7281	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	24.1093	22.0626	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	473.2735	461.3932	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	760	492.0408	479.8865	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	750	516.0462	503.5453	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	842.2211	825.9316	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.70 Put	184,000	879.4722	862.8837	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	374.9242	385.3926	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	369.5275	379.8902	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	211.0094	217.0789	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.00 Put	750	20.2073	19.9173	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	385.2194	377.6397	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	476.8670	467.4068	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	389.0981	399.0827	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	365.3862	375.1029	0.0000	0.0000	0	0.00
			<u>2,334,041</u>					<u>103,858.00</u>	<u>0.00</u>
Total			3,724,815					222,928.00	1,560,039,186.00
									<u>189 010 043.00</u>
									<u>1 761 090 255 344.90</u>

<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

5,056,021

239,545.00

1 883 387 771.60

251,930,942

2,412,010,154,293.60