



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 14-September-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Sep 2017	DAEU	Future	800	15.6558	15.7197	0.0000	0.0000	0	0.00		
Oct 2017	DAEU	Future	800	15.7533	15.8188	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	15.8567	15.9230	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	15.9526	16.0195	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	457.2807	427.8431	0.0000	0.0000	0	0.00		
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>	<u>506,044.00</u>	<u>0.00</u>
		Total	196,200					0.00	0.00	717,006.00	2,985,242,523.30
Future											
Oct 2017	DAGB	Future	43	17.7064	17.5781	0.0000	0.0000	0	0.00		
			<u>43</u>					<u>0.00</u>	<u>0.00</u>	<u>53,384.00</u>	<u>875,373,726.50</u>
		Total	43					0.00	0.00	244,497.00	875,373,726.50
Future											
Sep 2017	DAUS	Future	75	13.1766	13.1830	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,239	13.1787	13.1850	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,801	13.1827	13.1891	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	90	13.2112	13.2180	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	834	13.2315	13.2386	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	913	13.2397	13.2468	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	200	13.2600	13.2720	0.0000	0.0000	200	2,654,400.00		
Nov 2017	DAUS	Future	70	13.2742	13.2817	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.3047	13.3121	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	13.3088	13.3162	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,750	13.3392	13.3465	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.3635	13.3709	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.4601	13.4681	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.6330	13.6420	0.0000	0.0000	0	0.00		

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Jul 2018	DAUS	Future	605	13.7351	13.7446	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	13.7701	13.7798	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.8167	13.8266	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.9995	14.0104	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.1850	14.1968	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.3675	15.3923	0.0000	0.0000	0	0.00		
			<u>99,341</u>					<u>200.00</u>	<u>2,654,400.00</u>	<u>6,315,983.00</u>	<u>75,471,193,622.80</u>

Option

Sep 2017	DAUS	12.75 Put	0	14.1984	14.1847	0.0000	0.0000	20,000	0.00		
Sep 2017	DAUS	13.00 Put	20,000	53.1678	0.0000	0.0000	0.0000	20,000	0.00		
Sep 2017	DAUS	13.50 Put	60	364.6292	361.7346	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	0.2108	0.1838	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.68 Put	15,000	18.4258	18.8989	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.40 Call	15,000	107.2385	111.5680	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.00 Call	500	58.1103	60.1706	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	114.9555	115.8456	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	425.0716	422.0452	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	58.6420	59.9896	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	0.9764	0.9940	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	478.1787	471.1475	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	1.0837	0.9343	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	12.75 Put	157,000	124.3007	121.3395	0.0000	0.0000	10,000	0.00		
Dec 2017	DAUS	13.50 Put	60	518.5686	509.8160	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	1.3951	1.1517	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	373.8761	367.9002	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	147.6198	146.5502	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	132.9659	131.8939	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.25 Put	107,000	431.6918	427.0698	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.27 Put	154,000	442.1384	437.4485	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	40,904	458.0481	453.2538	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.40 Put	168,000	513.1355	508.0082	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	382.9794	378.7917	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	111.3490	111.2871	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1726.2373	1719.9594	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	210.5943	212.4257	0.0000	0.0000	0	0.00		
			<u>692,330</u>					<u>50,000.00</u>	<u>0.00</u>	<u>13,699,114.00</u>	<u>0.00</u>
Total			791,671					50,200.00	2,654,400.00	20,015,097.00	75,471,193,622.80

Future

Sep 2017	EUUS	Future	5,150	1.1876	1.1917	0.0000	0.0000	0	0.00		
			<u>5,150</u>					<u>0.00</u>	<u>0.00</u>	<u>633,028.00</u>	<u>7,101,570,792.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
		Total	5,150					0.00	0.00	633,028.00	7,101,570,792.00
Future											
	Dec 2017	GBUS	Future	2,644	1.3383	1.3280	0.0000	0.0000	2,644	35,405,804.00	
				<u>2,644</u>					<u>2,644.00</u>	<u>35,405,804.00</u>	<u>156,469.00</u>
			Total	2,644					2,644.00	35,405,804.00	156,469.00
Future											
	Sep 2017	ZAAD	Future	16,704	10.5025	10.5264	0.0000	0.0000	13,720	144,283,816.60	
	Dec 2017	ZAAD	Future	14,305	10.6336	10.6633	0.0000	0.0000	7,220	76,840,828.10	
	Jun 2018	ZAAD	Future	1,500	10.8982	10.9305	0.0000	0.0000	0	0.00	
				<u>32,509</u>					<u>20,940.00</u>	<u>221,124,644.70</u>	<u>3,340,921.00</u>
			Total	32,509					20,940.00	221,124,644.70	3,373,298.00
Future											
	Sep 2017	ZACA	Future	1,200	10.7984	10.7992	0.0000	0.0000	0	0.00	
	Dec 2017	ZACA	Future	500	10.9494	10.9559	0.0000	0.0000	0	0.00	
				<u>1,700</u>					<u>0.00</u>	<u>0.00</u>	<u>99,103.00</u>
			Total	1,700					0.00	0.00	99,103.00
Future											
	Sep 2017	ZACR	Future	10	2.0070	2.0118	0.0000	0.0000	0	0.00	
				<u>10</u>					<u>0.00</u>	<u>0.00</u>	<u>109,814.00</u>
			Total	10					0.00	0.00	109,814.00
Future											
	Sep 2017	ZAEU	Future	30,679	15.6360	15.6903	15.7200	15.6286	46,883	732,881,395.30	
	Dec 2017	ZAEU	Future	79,792	15.9217	15.9885	16.0000	15.9043	33,182	528,913,950.00	
	Mar 2018	ZAEU	Future	10,307	16.2256	16.2943	0.0000	0.0000	0	0.00	
	Jun 2018	ZAEU	Future	1	16.5291	16.5990	0.0000	0.0000	0	0.00	
				<u>120,779</u>					<u>80,065.00</u>	<u>1,261,795,345.30</u>	<u>12,520,050.00</u>
			Total						80,065.00	1,261,795,345.30	12,520,050.00
Option											
	Sep 2017	ZAEU	15.10 Put	16,000	2.3557	3.3541	0.0000	0.0000	0	0.00	
	Dec 2017	ZAEU	14.00 Put	18,000	13.4970	12.1000	0.0000	0.0000	0	0.00	
	Dec 2017	ZAEU	16.39 Call	18,000	307.9827	325.5214	0.0000	0.0000	0	0.00	
	Mar 2018	ZAEU	15.05 Put	5,648	220.7618	208.1198	0.0000	0.0000	0	0.00	
	Mar 2018	ZAEU	15.10 Put	19,510	234.3187	221.0151	0.0000	0.0000	0	0.00	
	Mar 2018	ZAEU	16.50 Call	643	613.7702	645.2173	0.0000	0.0000	0	0.00	
				<u>77,801</u>					<u>0.00</u>	<u>0.00</u>	<u>5,309,260.00</u>
			Total	198,580					80,065.00	1,261,795,345.30	17,829,310.00

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Future											
Sep 2017	ZAFR	Future	3,656	13.6230	13.6803	0.0000	0.0000	0	0.00		
Dec 2017	ZAFR	Future	1,215	13.8858	13.9554	0.0000	0.0000	0	0.00		
			<u>4,871</u>					<u>0.00</u>	<u>0.00</u>	<u>592,897.00</u>	<u>6,284,283,026.60</u>
		Total	4,871					0.00	0.00	592,897.00	6,284,283,026.60
Future											
Sep 2017	ZAGB	Future	45,269	17.5753	17.4367	17.6855	17.3400	43,369	760,801,831.90		
Dec 2017	ZAGB	Future	187,841	17.8604	17.7323	17.8501	17.6700	20,106	356,367,711.30		
Mar 2018	ZAGB	Future	420	18.1562	18.0292	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,383	18.4466	18.3204	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	18.7317	18.6090	0.0000	0.0000	0	0.00		
			<u>238,567</u>					<u>63,475.00</u>	<u>1,117,169,543.20</u>	<u>9,037,010.00</u>	<u>150,154,402,041.50</u>
Option											
Sep 2017	ZAGB	16.70 Call	700	877.9592	742.8023	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	3.6529	2.8326	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	17.00 Put	500	383.4946	0.0000	0.0000	0.0000	500	0.00		
Mar 2018	ZAGB	20.14 Call	500	346.5769	0.0000	0.0000	0.0000	500	0.00		
			<u>2,000</u>					<u>1,000.00</u>	<u>0.00</u>	<u>1,768,013.00</u>	<u>0.00</u>
		Total	240,567					64,475.00	1,117,169,543.20	10,805,023.00	150,154,402,041.50
Future											
Sep 2017	ZAJY	Future	84	0.1190	0.1191	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1211	0.1213	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											
Jun 2018	ZAKS	Future	1,145	0.1260	0.1270	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											
Sep 2017	ZAUM	Future	245	13.1663	13.1663	13.1456	13.1452	7	9,201,840.00		
Dec 2017	ZAUM	Future	568	13.3453	13.3526	13.3105	13.3105	5	6,655,250.00		
Mar 2018	ZAUM	Future	7	13.5285	13.5369	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	172	13.7080	13.7173	0.0000	0.0000	0	0.00		
			<u>992</u>					<u>12.00</u>	<u>15,857,090.00</u>	<u>142,333.00</u>	<u>162,835,421,480.00</u>
		Total	992					12.00	15,857,090.00	146,856.00	162,835,421,480.00

Future

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Sep 2017	ZAUS	Future	501,675	13.1663	13.1663	13.2600	13.1081	189,128	2,488,701,491.00		
Dec 2017	ZAUS	Future	755,816	13.3453	13.3526	13.4500	13.3100	194,333	2,592,894,332.50		
Mar 2018	ZAUS	Future	118,210	13.5285	13.5369	13.6192	13.5102	18,116	244,115,724.60		
Jun 2018	ZAUS	Future	104,476	13.7080	13.7173	13.7765	13.2214	6,238	85,552,454.20		
Sep 2018	ZAUS	Future	400	13.8847	13.8949	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.4814	15.5078	0.0000	0.0000	0	0.00		
			<u>1,664,577</u>					<u>407,815.00</u>	<u>5,411,264,002.30</u>	<u>153,748,941.00</u>	<u>1,791,337,506,622.20</u>

Option

Sep 2017	ZAUS	12.00 Put	37,202	0.0450	0.0556	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	0.1007	0.1617	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	0.1255	0.2138	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	0.1312	0.2262	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	91,184	0.4316	0.9374	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	0.6017	1.2331	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	0.6540	1.3209	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	0.9917	1.8649	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	419.7211	421.5724	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	3.4211	5.2724	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	5.1324	7.4468	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.85 Call	350	323.9544	326.7939	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	277.6304	281.0360	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	17.9145	21.9970	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	190.3895	194.8736	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	24.0895	28.5736	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.07 Call	30,000	135.8810	140.8357	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	62.9033	67.8429	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	66.9990	71.8863	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	63.0545	67.5256	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	96.7545	101.2256	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,000	131.1708	135.0201	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	20.2272	22.1191	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	253.9272	255.8191	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	18.0920	19.7728	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	15.3297	16.7238	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	299.0297	300.4238	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	13.0176	14.1610	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	11.6891	12.6841	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	143,712	469.6809	470.0192	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	5.4215	5.6964	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	587.0867	587.1447	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	596.9372	596.9806	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	2.7097	2.7058	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	13.81 Call	4,920	2.5468	2.5642	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	1.4573	1.5934	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	1.1374	1.2961	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	0.7852	0.9566	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	0.2325	0.3675	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1053.9063	1054.0356	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1153.8142	1153.9160	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	0.1077	0.2069	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1303.7523	1303.8195	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	0.0501	0.1109	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,084	0.0469	0.0983	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	0.0387	0.0681	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	0.0380	0.0654	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	0.0312	0.0419	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.0504	0.0425	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.1421	0.1443	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.1757	0.1841	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	0.3062	0.3456	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	0.4208	0.4924	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	0.4400	0.5174	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.0531	0.0670	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	16.0207	14.9189	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	20,141	23.6017	21.8445	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.16 Put	550	37.8387	35.4659	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.20 Put	4,000	42.2798	39.7405	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	43.4497	40.8678	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	70.7682	67.3514	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	89.4646	85.5942	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	123.8608	119.3213	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.75 Put	2,600	152.3962	147.2960	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	155.5710	150.4052	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	244.5209	237.7379	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	288.8326	281.4139	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	298.2031	290.6600	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	327.3098	319.4087	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	4,020	482.6445	481.9258	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	342.4219	334.3465	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	458.4411	457.4408	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	417.7317	408.9069	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Call	4,000	392.9363	391.2340	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	447.6363	438.6340	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	355.5250	353.5136	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	13.60 Call	4,000	321.6114	319.3464	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	5,000	263.2385	260.6135	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	870.4875	860.3725	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	145.1564	142.5330	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1286.4447	1276.6040	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	116.3305	113.9105	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	80.5717	78.4858	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	72.2810	70.2981	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	71.5744	69.6021	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	49.6558	48.0273	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	31.4624	30.2264	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	4.9229	4.7920	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	4.0253	3.9292	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	0.9673	0.9402	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	91.3974	90.1682	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	166.8733	165.1684	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	192.7685	191.0154	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	113,187	366.6117	364.4799	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	5,600	485.1593	482.5384	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	553.7403	550.8655	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	564.6990	561.7826	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	100	649.5607	654.8478	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	881.1290	876.9221	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	767	471.8380	475.7899	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	1072.5400	1067.6363	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	270.4850	272.7871	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	3,100	255.4251	257.6094	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	238.2340	240.2833	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	216.7927	218.6667	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	191.4388	193.1029	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	186.7734	188.3983	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	160.3579	161.7559	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	750	138.1079	139.3120	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	125.7394	126.8328	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	17.4765	17.4742	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	130.4555	129.6260	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	415.9502	413.4767	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	760	432.1170	429.5742	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	750	454.4653	451.8099	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	762.4074	758.4176	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.70 Put	184,000	798.0127	793.8885	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	410.1789	412.7275	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	15.14 Call	2,700	404.3004	406.8233	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	228.7430	230.4738	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	18.3743	18.7164	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	342.9463	342.1090	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	356.3142	355.3769	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	427.9437	426.4683	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	418.3377	422.0653	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	407.5504	411.2418	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	392.7288	396.3743	0.0000	0.0000	0	0.00		
			<u>2,528,961</u>					<u>0.00</u>	<u>0.00</u>	<u>37,816,905.00</u>	<u>0.00</u>
	Total		<u>4,193,538</u>					<u>407,815.00</u>	<u>5,411,264,002.30</u>	<u>191,565,846.00</u>	<u>1,791,337,506,622.20</u>

Grand Total	5,669,819			626,151.00	8,065,270,829.50	255,646,950	2,458,431,361,999.80
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