



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 12-May-2017

<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>	
Future											
May 2017	DAEU	Future	4	14.6536	14.6151	0.0000	0.0000	0	0.00		
			<u>4</u>					<u>0.00</u>	<u>0.00</u>	<u>114 540.00</u>	<u>1 469 848 583.90</u>
		Total	4					0.00	0.00	404 140.00	1 469 848 583.90
Future											
May 2017	DAGB	Future	69	17.2854	17.3101	0.0000	0.0000	0	0.00		
			<u>69</u>					<u>0.00</u>	<u>0.00</u>	<u>53 118.00</u>	<u>870 851 332.10</u>
		Total	69					0.00	0.00	244 231.00	870 851 332.10
Future											
May 2017	DAUS	Future	10	13.3724	13.4072	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	20,000	13.3747	13.4071	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,159	13.3770	13.4094	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,391	13.4023	13.4348	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,200	13.4046	13.4371	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	Future	113	13.4685	13.5008	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	Future	12	13.4730	13.5053	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	1,800	13.4888	13.5586	0.0000	0.0000	1,800	24,405,480.00		
Jul 2017	DAUS	Future	26	13.5046	13.5370	0.0000	0.0000	22	298,645.60		
Jul 2017	DAUS	Future	202	13.5114	13.5438	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	13.5204	13.5528	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	4,774	13.5428	13.5754	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	13.5674	13.6002	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	377	13.6728	13.7060	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	13.7311	13.7646	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.7781	13.8118	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.9820	14.0164	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.1697	14.2028	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.3830	14.4145	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.5923	14.6221	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Feb 2019	DAUS	Future	70	14.8017	14.8297	0.0000	0.0000	0	0.00	
			<u>31,958</u>					<u>1,822.00</u>	<u>24,704,125.60</u>	
									<u>5 337 767.00</u>	
									<u>61 794 429 866.30</u>	
Option										
May 2017	DAUS	12.75 Put	300	0.1781	4.7928	0.0000	0.0000	0	0.00	
May 2017	DAUS	12.90 Put	100	0.7266	8.2283	0.0000	0.0000	0	0.00	
May 2017	DAUS	13.49 Call	2,500	25.9040	56.1079	0.0000	0.0000	0	0.00	
May 2017	DAUS	13.05 Put	100	14.6737	21.3604	0.0000	0.0000	0	0.00	
May 2017	DAUS	13.45 Put	100	135.7252	131.4696	0.0000	0.0000	0	0.00	
May 2017	DAUS	13.53 Put	20,000	202.2606	192.0943	0.0000	0.0000	0	0.00	
May 2017	DAUS	13.50 Put	60	218.5515	206.0528	0.0000	0.0000	0	0.00	
May 2017	DAUS	15.97 Call	60	0.2596	0.4385	0.0000	0.0000	0	0.00	
Jun 2017	DAUS	12.75 Put	17,000	19.3125	22.3143	0.0000	0.0000	0	0.00	
Jun 2017	DAUS	14.50 Call	17,000	16.9561	21.2013	0.0000	0.0000	0	0.00	
Jun 2017	DAUS	13.00 Put	20,000	64.7160	0.0000	0.0000	0.0000	20,000	0.00	
Jun 2017	DAUS	13.20 Put	150	130.4763	0.0000	0.0000	0.0000	150	0.00	
Jun 2017	DAUS	13.50 Put	60	312.5082	299.9246	0.0000	0.0000	0	0.00	
Jun 2017	DAUS	16.24 Call	60	3.8212	4.2352	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	14.00 Call	5,000	152.1505	165.1823	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	14.07 Call	5,000	152.6650	165.0771	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	13.95 Put	1,000	637.8603	619.3823	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	17.98 Call	1,000	2.7159	2.9692	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	13.20 Put	2,000	223.4732	215.9067	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	14.30 Call	2,000	151.8913	164.5595	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	13.50 Put	60	365.1622	355.2508	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	16.53 Call	60	10.7766	11.5666	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	13.50 Put	60	409.0872	400.2680	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	16.84 Call	60	24.0135	26.0927	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	13.50 Put	60	438.8992	430.1040	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	17.13 Call	60	29.6278	31.7913	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	12.92 Put	1,000	225.6859	221.1991	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	13.50 Put	60	463.7356	455.2816	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	14.10 Call	1,000	459.1175	479.4009	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	17.45 Call	60	44.0591	47.8924	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	13.50 Put	60	484.8813	476.5849	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	17.74 Call	60	65.3531	68.5079	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	13.50 Put	60	500.1292	492.1735	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	18.02 Call	60	77.9448	81.2284	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.00 Put	1,000	1475.4908	1462.8794	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.81 Call	2,000	433.8511	450.5517	0.0000	0.0000	0	0.00	
			<u>99,210</u>					<u>20,150.00</u>	<u>0.00</u>	
			Total	131,168				21,972.00	24,704,125.60	
									<u>17 188 475.00</u>	
									<u>61 794 429 866.30</u>	

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Future											
	Jun 2017	EUUS	Future	37	1.0942	1.0887	1.0899	1.0899	20	217,980.00	
				37					20.00	217,980.00	542 034.00
			Total	37					20.00	217,980.00	6 028 273 286.00
Future											
	Jun 2017	GBUS	Future	5,428	1.2902	1.2889	0.0000	0.0000	0	0.00	
				5,428					0.00	0.00	112 618.00
			Total	5,428					0.00	0.00	1 435 389 231.00
Future											
	Jun 2017	ZAAD	Future	22,744	9.9384	9.9266	10.0001	10.0001	1	10,000.10	
	Sep 2017	ZAAD	Future	1,819	10.0765	10.0657	10.1402	10.1402	1	10,140.20	
	Dec 2017	ZAAD	Future	653	10.2149	10.2048	0.0000	0.0000	0	0.00	
				25,216					2.00	20,140.30	3 198 195.00
			Total	25,216					2.00	20,140.30	27 075 066 450.70
Future											
	Jun 2017	ZACA	Future	6,987	9.8051	9.8571	0.0000	0.0000	0	0.00	
				6,987					0.00	0.00	81 369.00
			Total	6,987					0.00	0.00	769 817 725.80
Future											
	Jun 2017	ZACR	Future	10	1.9446	1.9466	0.0000	0.0000	0	0.00	
				10					0.00	0.00	109 794.00
			Total	10					0.00	0.00	2 503 480 006.00
Future											
	Jun 2017	ZAEU	Future	73,496	14.7151	14.6756	14.7379	14.6614	6,923	101,737,132.00	
	Sep 2017	ZAEU	Future	6,675	15.0100	14.9708	15.0381	14.9771	748	11,211,046.90	
	Dec 2017	ZAEU	Future	4,578	15.3094	15.2709	0.0000	0.0000	0	0.00	
	Mar 2018	ZAEU	Future	3,169	15.6129	15.5740	0.0000	0.0000	0	0.00	
				87,918					7,671.00	112,948,178.90	11 404 512.00
			Total								158 866 741 979.50
Option											
	Dec 2017	ZAEU	14.00 Put	18,000	196.5254	206.5626	0.0000	0.0000	0	0.00	
	Dec 2017	ZAEU	16.39 Call	18,000	378.0239	375.2335	0.0000	0.0000	0	0.00	
				36,000					0.00	0.00	4 848 181.00
			Total	123,918					7,671.00	112,948,178.90	16 252 693.00
Future											
	Jun 2017	ZAFR	Future	1,356	13.4345	13.4139	0.0000	0.0000	0	0.00	

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			1,356					0.00	0.00	575 715.00	6 048 371 335.90	
		Total	1,356					0.00	0.00	575 715.00	6 048 371 335.90	
Future												
	Jun 2017	ZAGB	Future	53,741	17.3510	17.3751	17.4149	17.3030	753	13,089,158.90		
	Sep 2017	ZAGB	Future	2,097	17.6631	17.6888	17.7227	17.7227	100	1,772,270.00		
	Dec 2017	ZAGB	Future	2,215	17.9763	18.0051	0.0000	0.0000	0	0.00		
				58,053					853.00	14,861,428.90	8 126 672.00	134 404 756 814.30
Option												
	Jun 2017	ZAGB	16.50 Call	600	903.0271	931.4509	0.0000	0.0000	0	0.00		
	Jun 2017	ZAGB	16.50 Put	500	52.0271	56.3509	0.0000	0.0000	0	0.00		
	Jun 2017	ZAGB	17.50 Call	300	285.5833	305.4011	0.0000	0.0000	0	0.00		
				1,400					0.00	0.00	1 761 213.00	0.00
		Total	59,453						853.00	14,861,428.90	9 887 885.00	134 404 756 814.30
Future												
	Jun 2017	ZAJY	Future	3,315	0.1189	0.1188	0.0000	0.0000	569	6,765,410.00		
				3,315					569.00	6,765,410.00	913 937.00	10 160 004 173.30
		Total	3,315						569.00	6,765,410.00	913 937.00	10 160 004 173.30
Future												
	Sep 2017	ZAKS	Future	1,382	0.1291	0.1293	0.0000	0.0000	0	0.00		
				1,382					0.00	0.00	27 127.00	372 831 350.00
		Total	1,382						0.00	0.00	27 127.00	372 831 350.00
Future												
	Jun 2017	ZAUM	Future	594	13.4481	13.4804	13.5270	13.5270	19	25,663,500.00		
	Sep 2017	ZAUM	Future	22	13.6526	13.6858	0.0000	0.0000	0	0.00		
	Dec 2017	ZAUM	Future	43	13.8557	13.8897	0.0000	0.0000	0	0.00		
	Mar 2018	ZAUM	Future	3	14.0555	14.0893	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUM	Future	147	14.2556	14.2881	0.0000	0.0000	0	0.00		
				809					19.00	25,663,500.00	137 804.00	156 882 641 880.00
		Total	809						19.00	25,663,500.00	142 327.00	156 882 641 880.00
Future												
	Jun 2017	ZAUS	Future	854,132	13.4481	13.4804	13.5600	13.4000	20,354	274,155,390.90		
	Sep 2017	ZAUS	Future	50,528	13.6526	13.6858	13.7398	13.6150	238	3,261,944.80		
	Dec 2017	ZAUS	Future	85,807	13.8557	13.8897	13.8700	13.8100	530	7,339,300.00		
	Mar 2018	ZAUS	Future	8,767	14.0555	14.0893	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	Future	3,115	14.2556	14.2881	0.0000	0.0000	0	0.00		
	Mar 2019	ZAUS	Future	1,500	14.8768	14.9041	0.0000	0.0000	0	0.00		

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			1,003,849					21,122.00	284,756,635.70
									141 280 674.00
									1 627 430 317 180.20
Option									
Jun 2017	ZAUS	11.78 Put	4,500	3.7608	3.3314	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.00 Put	60,150	6.1689	5.2347	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.10 Put	2,000	7.7519	6.4645	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.25 Put	4,500	11.4338	9.6923	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.30 Put	2,000	13.0088	11.2295	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.50 Put	1,500	21.7313	19.9705	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.65 Call	3,000	829.8880	860.6965	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.71 Put	17,600	36.9590	35.6524	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.76 Call	50	729.9737	761.1580	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.80 Put	4,000	46.2487	45.3082	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.90 Put	3,500	64.2683	60.8400	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.92 Call	3,000	596.5304	625.2549	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Call	1,578	535.1855	563.2780	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Put	88,455	87.0855	82.8780	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.25 Put	100	168.3172	161.6408	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.27 Call	3,000	354.5276	379.9184	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.30 Put	1,638	189.0570	181.7906	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.34 Call	4,000	314.8653	339.4039	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.39 Call	4,000	288.4006	312.2912	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.45 Call	3,000	258.6896	281.7615	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Call	4,750	237.5649	257.9755	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Put	100	289.4649	277.5755	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.69 Put	250	412.1651	396.8562	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.70 Call	500	167.2461	184.0624	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.80 Call	1,500	139.6382	154.7454	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	514.1160	496.4273	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	544.7929	526.4559	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Call	1,100	96.7073	108.6914	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Put	3,800	648.6073	628.2914	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.04 Call	37	89.7916	101.2084	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	740.6574	718.8997	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.13 Put	17,600	757.6350	735.7577	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	800.5536	778.3716	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	844.1032	821.3644	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.25 Call	100	59.7884	69.0641	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.26 Call	3,156	58.6159	67.7504	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	932.9017	908.7978	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.40 Call	1,000	44.3502	51.6853	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	99,678	36.2965	42.5290	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.75 Call	2,000	21.9575	26.0346	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	14.89 Put	1,297	1458.7086	1429.4976	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.00 Call	763	13.7445	16.3469	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.10 Call	1,000	11.4765	13.7038	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.15 Call	1,000	10.4975	12.5585	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	6.7929	8.1971	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Call	55,000	5.7375	6.9448	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	2057.6375	2026.5448	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	19,880	3.6369	4.4349	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2335.5369	2304.0349	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	3.2582	3.9794	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	3.2078	3.9188	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	2.5883	3.1711	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	2.2294	2.7365	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.20 Call	4,255	2.0615	2.3689	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	2.0494	2.3489	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	2.0198	2.2719	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	0.6483	0.8060	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	0.2465	0.3144	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	0.0282	0.0381	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.00 Put	7,202	42.0409	42.0217	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	1,125	93.6067	91.5455	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	158.8335	155.0188	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,351	870.3742	897.3479	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	13,099	217.7742	211.5479	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	268.6417	261.7172	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	380.7979	372.5151	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	582.5932	606.9632	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Call	250	521.4365	545.0704	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	216,962	498.8365	489.2704	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	569.1984	557.7692	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	575.2956	563.7819	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	452.5822	473.9307	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	323.5473	341.5882	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	885.5414	870.2232	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	959.8394	943.7365	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	289.9871	307.0068	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1075.3798	1057.9114	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	251.6167	267.0726	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	241.3762	256.3723	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	209.7178	223.2312	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	600	166.8858	178.2101	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	70.8241	76.8408	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	16.40 Call	960	50.9767	55.5196	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.80 Call	110	35.5099	38.9848	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.00 Call	650	29.6859	32.6280	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.03 Call	110	28.9026	31.7714	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	18.00 Call	3,099	11.4835	12.9001	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	11.75 Put	500	52.0475	50.7763	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	400	75.5755	74.4448	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	101.4183	100.5210	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	130.4376	129.8489	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	2,600	149.6375	147.7242	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,819	184.7023	182.2273	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.00 Put	2,580	287.3312	283.2335	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	329.5545	324.7979	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.18 Put	16,000	352.7776	346.9442	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	426.0029	418.7842	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.40 Put	114,600	449.0181	441.5341	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.50 Call	500	852.7314	878.7132	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.91 Put	34,000	720.8042	710.1309	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	775.8620	764.5616	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	1112.5484	1097.8588	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.00 Call	3,580	350.7739	366.4795	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.11 Call	1,900	329.6614	344.6844	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.12 Call	40,000	327.8174	342.7790	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	195.0871	205.4623	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	34,000	107.9378	112.7050	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.17 Call	16,000	106.0209	110.6655	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.20 Call	16,000	104.6136	109.1681	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	102.7768	107.2115	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	71.8694	75.6256	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	3,867	335.5663	332.2413	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	481.2946	475.7940	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	557.8736	577.9070	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	509.0495	527.9530	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	434.9608	452.1365	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	20.3106	22.4001	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	396.7907	394.5633	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	641.2042	637.1587	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	433.0646	449.4437	0.0000	0.0000	0	0.00		
			<u>1,657,037</u>					<u>0.00</u>	<u>0.00</u>	<u>33 927 371.00</u>	<u>0.00</u>
	Total		2,660,886					21,122.00	284,756,635.70	175 208 045.00	1 627 430 317 180.20

<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		3,020,038					52,228.00	469 937 399.40	233,173,729	2,235,996,750,041.50
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