



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 19-April-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
May 2017	DACR	Future	362	1.9313	1.9343	0.0000	0.0000	0	0.00		
			<u>362</u>					<u>0.00</u>	<u>0.00</u>	<u>1 232.00</u>	<u>25 218 579.00</u>
		<b>Total</b>	<b>362</b>					<b>0.00</b>	<b>0.00</b>	<b>1 232.00</b>	<b>25 218 579.00</b>
<b>Future</b>											
Apr 2017	DAEU	Future	5	14.2542	14.2754	0.0000	0.0000	0	0.00		
			<u>5</u>					<u>0.00</u>	<u>0.00</u>	<u>114 530.00</u>	<u>1 469 703 676.70</u>
		<b>Total</b>	<b>5</b>					<b>0.00</b>	<b>0.00</b>	<b>404 130.00</b>	<b>1 469 703 676.70</b>
<b>Future</b>											
Apr 2017	DAGB	Future	10	17.0289	16.9554	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	154	17.0365	16.9675	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	97	17.0421	16.9775	0.0000	0.0000	0	0.00		
May 2017	DAGB	Future	7	17.1594	17.0884	0.0000	0.0000	0	0.00		
			<u>268</u>					<u>0.00</u>	<u>0.00</u>	<u>52 590.00</u>	<u>861 910 348.70</u>
		<b>Total</b>	<b>268</b>					<b>0.00</b>	<b>0.00</b>	<b>243 703.00</b>	<b>861 910 348.70</b>
<b>Future</b>											
Apr 2017	DAUS	Future	70	13.2872	13.2847	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	80	13.2928	13.2938	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	2,081	13.2962	13.3006	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	70	13.3255	13.3302	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	10	13.3365	13.3394	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,140	13.3474	13.3485	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	843	13.3766	13.3762	0.0000	0.0000	2	26,913.00		
Jul 2017	DAUS	Future	250	13.4844	13.4847	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	13.4936	13.4939	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	2,274	13.5163	13.5168	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	13.5414	13.5420	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	415	13.6483	13.6498	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>		
Oct 2017	DAUS	Future	334	13.7075	13.7094	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.7549	13.7576	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.9627	13.9687	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.1635	14.1719	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.3986	14.4041	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.6288	14.6313	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.8589	14.8585	0.0000	0.0000	0	0.00		
			<u>8,127</u>					<u>2.00</u>	<u>26,913.00</u>	<u>5 281 037.00</u>	<u>61 035 441 114.50</u>

Option

Apr 2017	DAUS	13.89 Call	2,500	18.6478	28.5144	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.06 Call	100	285.7480	297.1326	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.50 Put	60	267.4343	281.0757	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.80 Put	1,000	532.5666	541.1706	0.0000	0.0000	0	0.00
Apr 2017	DAUS	14.10 Put	1,000	818.7281	823.4062	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.06 Call	1,000	0.8578	1.4561	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.69 Call	60	0.1349	0.2195	0.0000	0.0000	0	0.00
Apr 2017	DAUS	16.67 Call	1,000	0.4561	0.5666	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.00 Call	1,500	349.3157	365.3723	0.0000	0.0000	0	0.00
May 2017	DAUS	12.60 Put	10,000	13.0589	16.1838	0.0000	0.0000	0	0.00
May 2017	DAUS	13.56 Call	10,000	72.6094	89.8574	0.0000	0.0000	0	0.00
May 2017	DAUS	13.22 Put	25,000	139.7287	153.0102	0.0000	0.0000	0	0.00
May 2017	DAUS	13.65 Call	1,000	66.6737	79.0768	0.0000	0.0000	0	0.00
May 2017	DAUS	13.00 Put	34,000	91.0841	95.8378	0.0000	0.0000	0	0.00
May 2017	DAUS	15.00 Call	34,000	10.5173	14.2999	0.0000	0.0000	0	0.00
May 2017	DAUS	14.00 Call	20,000	53.9463	61.1016	0.0000	0.0000	0	0.00
May 2017	DAUS	14.25 Call	1,250	35.4435	41.8859	0.0000	0.0000	0	0.00
May 2017	DAUS	13.50 Put	60	374.0228	383.3938	0.0000	0.0000	0	0.00
May 2017	DAUS	15.97 Call	60	11.2385	12.6534	0.0000	0.0000	0	0.00
Jun 2017	DAUS	13.50 Put	60	425.2213	433.4303	0.0000	0.0000	0	0.00
Jun 2017	DAUS	16.24 Call	60	21.9927	23.0443	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.00 Call	5,000	229.5440	235.9674	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.07 Call	5,000	226.8202	232.4926	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.95 Put	1,000	740.8160	746.1842	0.0000	0.0000	0	0.00
Jul 2017	DAUS	17.98 Call	1,000	19.2471	19.9264	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.20 Put	2,000	307.2582	311.1552	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.30 Call	2,000	217.9113	222.4148	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.50 Put	60	460.8514	465.5189	0.0000	0.0000	0	0.00
Jul 2017	DAUS	16.53 Call	60	28.9775	29.6030	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.50 Put	60	492.6733	498.0463	0.0000	0.0000	0	0.00
Aug 2017	DAUS	16.84 Call	60	46.5924	52.1633	0.0000	0.0000	0	0.00
Sep 2017	DAUS	13.50 Put	60	515.1730	521.0896	0.0000	0.0000	0	0.00
Sep 2017	DAUS	17.13 Call	60	40.7785	53.7945	0.0000	0.0000	0	0.00

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Oct 2017	DAUS	13.50 Put	60	535.1909	540.9920	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	17.45 Call	60	66.0407	43.4159	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	13.50 Put	60	553.0023	557.0260	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	17.74 Call	60	85.8580	58.5399	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	13.50 Put	60	565.4553	568.2078	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	18.02 Call	60	98.9278	79.7882	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.00 Put	1,000	1539.1906	1536.3452	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.81 Call	2,000	482.3390	486.9336	0.0000	0.0000	0	0.00	
			<u>163,430</u>					0.00	0.00	11 671 958.00
		<b>Total</b>	<b>171,557</b>					<b>2.00</b>	<b>26,913.00</b>	16 952 995.00
<b>Future</b>										61 035 441 114.50
Jun 2017	EUUS	Future	30,283	1.0747	1.0729	1.0766	1.0759	10	107,625.00	
			<u>30,283</u>					10.00	107,625.00	511 463.00
		<b>Total</b>	<b>30,283</b>					<b>10.00</b>	<b>107,625.00</b>	5 693 243 111.00
<b>Future</b>										5 693 243 111.00
Jun 2017	GBUS	Future	4,098	1.2834	1.2781	0.0000	0.0000	0	0.00	
			<u>4,098</u>					0.00	0.00	102 752.00
		<b>Total</b>	<b>4,098</b>					<b>0.00</b>	<b>0.00</b>	1 307 979 249.00
<b>Future</b>										1 307 979 249.00
Jun 2017	ZAAD	Future	23,489	10.0697	10.1075	0.0000	0.0000	0	0.00	
Sep 2017	ZAAD	Future	3,805	10.2111	10.2503	10.2639	10.2599	500	5,131,150.00	
Dec 2017	ZAAD	Future	58	10.3532	10.3951	0.0000	0.0000	0	0.00	
			<u>27,352</u>					500.00	5,131,150.00	3 192 262.00
		<b>Total</b>	<b>27,352</b>					<b>500.00</b>	<b>5,131,150.00</b>	27 014 818 599.80
<b>Future</b>										27 014 818 599.80
Sep 2017	ZACA	Future	10	10.1602	10.2161	0.0000	0.0000	0	0.00	
			<u>10</u>					0.00	0.00	74 372.00
		<b>Total</b>	<b>10</b>					<b>0.00</b>	<b>0.00</b>	701 047 592.40
<b>Future</b>										701 047 592.40
Jun 2017	ZACR	Future	10	1.9421	1.9438	0.0000	0.0000	0	0.00	
			<u>10</u>					0.00	0.00	109 794.00
		<b>Total</b>	<b>10</b>					<b>0.00</b>	<b>0.00</b>	2 503 480 006.00
<b>Future</b>										2 503 480 006.00
Jun 2017	ZAEU	Future	108,489	14.4227	14.3985	14.5200	14.4800	257	3,718,641.00	
Sep 2017	ZAEU	Future	6,748	14.7140	14.6917	0.0000	0.0000	0	0.00	

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Dec 2017	ZAEU	Future	4,478	15.0104	14.9906	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	Future	1,269	15.3148	15.2995	0.0000	0.0000	0	0.00		
			<u>120,984</u>					<u>257.00</u>	<u>3,718,641.00</u>	<u>10 434 433.00</u>	<u>144 663 461 267.60</u>
<b>Option</b>											
Dec 2017	ZAEU	14.00 Put	18,000	308.0075	316.9093	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	360.0763	361.0095	0.0000	0.0000	0	0.00		
			<u>36,000</u>					<u>0.00</u>	<u>0.00</u>	<u>4 848 181.00</u>	<u>0.00</u>
		<b>Total</b>	<b>156,984</b>					<b>257.00</b>	<b>3,718,641.00</b>	<b>15 282 614.00</b>	<b>144 663 461 267.60</b>
<b>Future</b>											
Jun 2017	ZAFR	Future	1,356	13.4972	13.4838	0.0000	0.0000	0	0.00		
			<u>1,356</u>					<u>0.00</u>	<u>0.00</u>	<u>575 715.00</u>	<u>6 048 371 335.90</u>
		<b>Total</b>	<b>1,356</b>					<b>0.00</b>	<b>0.00</b>	<b>575 715.00</b>	<b>6 048 371 335.90</b>
<b>Future</b>											
Jun 2017	ZAGB	Future	58,212	17.2236	17.1524	17.3800	17.2400	22,492	390,207,402.00		
Sep 2017	ZAGB	Future	1,946	17.5337	17.4641	17.6117	17.5612	540	9,499,769.00		
Dec 2017	ZAGB	Future	215	17.8453	17.7783	0.0000	0.0000	0	0.00		
			<u>60,373</u>					<u>23,032.00</u>	<u>399,707,171.00</u>	<u>7 611 622.00</u>	<u>125 566 057 545.90</u>
<b>Option</b>											
Jun 2017	ZAGB	16.50 Call	600	909.4725	860.9336	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	17.50 Call	600	393.8496	370.4521	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	19.00 Call	1,200	96.0308	90.6565	0.0000	0.0000	0	0.00		
			<u>2,400</u>					<u>0.00</u>	<u>0.00</u>	<u>1 759 213.00</u>	<u>0.00</u>
		<b>Total</b>	<b>62,773</b>					<b>23,032.00</b>	<b>399,707,171.00</b>	<b>9 370 835.00</b>	<b>125 566 057 545.90</b>
<b>Future</b>											
Jun 2017	ZAJY	Future	3,823	0.1234	0.1237	0.0000	0.0000	0	0.00		
Sep 2017	ZAJY	Future	50	0.1258	0.1262	0.0000	0.0000	0	0.00		
			<u>3,873</u>					<u>0.00</u>	<u>0.00</u>	<u>912 261.00</u>	<u>10 139 947 617.30</u>
		<b>Total</b>	<b>3,873</b>					<b>0.00</b>	<b>0.00</b>	<b>912 261.00</b>	<b>10 139 947 617.30</b>
<b>Future</b>											
Sep 2017	ZAKS	Future	1,382	0.1281	0.1282	0.0000	0.0000	0	0.00		
			<u>1,382</u>					<u>0.00</u>	<u>0.00</u>	<u>27 127.00</u>	<u>372 831 350.00</u>
		<b>Total</b>	<b>1,382</b>					<b>0.00</b>	<b>0.00</b>	<b>27 127.00</b>	<b>372 831 350.00</b>
<b>Future</b>											
Jun 2017	ZAUM	Future	490	13.4206	13.4202	0.0000	0.0000	24	32,326,500.00		
Sep 2017	ZAUM	Future	27	13.6279	13.6291	0.0000	0.0000	0	0.00		
Dec 2017	ZAUM	Future	42	13.8340	13.8379	0.0000	0.0000	0	0.00		

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Mar 2018	ZAUM	Future	3	14.0395	14.0467	14.0514	14.0514	3	4,215,420.00
Jun 2018	ZAUM	Future	47	14.2586	14.2658	0.0000	0.0000	0	0.00
			609					27.00	36,541,920.00
		<b>Total</b>	<b>609</b>					<b>27.00</b>	<b>36,541,920.00</b>
									137 398.00
									156 322 605 840.00
									141 921.00
									156 322 605 840.00
<b>Future</b>									
Jun 2017	ZAUS	Future	953,232	13.4206	13.4202	13.5150	13.4015	83,546	1,122,912,140.90
Sep 2017	ZAUS	Future	55,385	13.6279	13.6291	13.6870	13.6400	975	13,326,770.00
Dec 2017	ZAUS	Future	92,800	13.8340	13.8379	13.8869	13.8770	315	4,372,389.00
Mar 2018	ZAUS	Future	424	14.0395	14.0467	14.0990	14.0486	1,354	19,035,545.60
Jun 2018	ZAUS	Future	3,115	14.2586	14.2658	0.0000	0.0000	0	0.00
			1,104,956					86,190.00	1,159,646,845.50
									138 114 467.00
									1 584 971 948 956.90
<b>Option</b>									
Jun 2017	ZAUS	11.78 Put	4,500	19.5896	18.9326	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.00 Put	60,150	25.8012	24.7190	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.10 Put	2,000	30.2616	29.2925	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.25 Put	4,500	40.1785	40.1915	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.50 Put	1,000	63.7509	66.4893	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.65 Call	3,000	854.0873	858.8152	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.71 Put	17,600	92.8397	99.0875	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.76 Call	50	762.6480	769.3732	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.80 Put	4,000	112.3090	119.7469	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.90 Put	2,000	140.9834	149.1600	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.92 Call	33,000	647.8494	655.7661	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Call	2,378	594.7264	603.1624	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Put	88,455	174.1264	182.9624	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.25 Put	100	277.1971	0.0000	0.0000	0.0000	100	0.00
Jun 2017	ZAUS	13.27 Call	3,000	437.2958	446.9757	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.30 Put	1,638	301.2894	311.4544	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.34 Call	4,000	401.9846	411.8447	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.39 Call	4,000	378.1182	388.0729	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.45 Call	3,000	352.0260	362.0328	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Call	4,750	331.6529	341.6715	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Put	100	411.0529	421.4715	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.69 Put	250	532.9061	543.1306	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.70 Call	500	260.3010	270.1076	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.80 Call	1,500	230.1976	239.7662	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	631.2258	641.1104	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	660.5146	670.2779	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Call	1,250	179.6312	188.5448	0.0000	0.0000	100	0.00
Jun 2017	ZAUS	14.00 Put	3,800	759.0312	768.3448	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.04 Call	37	170.8987	179.6611	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	14.11 Put	2,850	845.3573	854.2386	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.13 Put	17,600	861.2907	870.0877	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	901.5522	910.1356	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	942.4034	950.7693	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.25 Call	100	129.5047	137.3809	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.26 Call	3,156	127.7867	135.6195	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	1025.7624	1033.6795	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	99,678	92.5704	99.3092	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.75 Call	2,000	66.0185	71.6393	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1526.6152	1531.9548	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.00 Call	763	51.3256	55.7828	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.15 Call	1,000	44.4973	48.3700	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	35.5622	38.6236	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Call	55,000	32.6677	35.4546	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	2112.0677	2115.2546	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	19,880	26.1220	28.2663	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2385.5220	2388.0663	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	24.7802	26.7890	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	24.5966	26.5869	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	22.2237	23.9715	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	20.7312	22.3244	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.20 Call	4,255	19.8411	21.3837	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	19.3491	20.8633	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	16.3526	17.6869	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	5.4086	5.9825	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	2.8081	3.1495	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	0.6536	0.7567	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.00 Put	7,202	66.5221	69.5303	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	1,125	133.3779	135.2453	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	211.5722	214.9670	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	7,202	906.7906	912.4066	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	3,099	278.8906	283.3066	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	335.3556	340.2041	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	456.3310	461.8776	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	636.1867	643.1567	0.0000	0.0000	250	0.00
Sep 2017	ZAUS	13.63 Put	226,200	580.1512	586.1692	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	652.0023	658.0266	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	658.1864	664.2083	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	382.3804	389.1842	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	968.9792	974.5524	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1042.6555	1048.0841	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	348.0294	354.6412	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	14.47 Put	150	1156.9154	1161.9368	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.50 Call	7,302	308.1511	314.2845	0.0000	0.0000	100	0.00		
Sep 2017	ZAUS	14.55 Call	1,125	297.3794	303.3637	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.72 Call	20,000	263.6976	269.1736	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	15.00 Call	600	216.9938	221.6643	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.00 Call	3,680	102.8219	102.4797	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.40 Call	960	77.0390	75.6292	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.80 Call	110	54.6362	61.3053	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.00 Call	650	45.9599	55.5772	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.03 Call	110	44.7805	54.7861	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	18.00 Call	3,099	18.5053	32.0280	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	11.75 Put	500	72.8103	83.4798	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	400	102.4178	110.7915	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	133.9599	139.1949	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	168.4936	169.8647	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	2,600	190.6477	190.9731	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,900	230.0266	230.8006	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.00 Put	2,580	341.9455	343.9599	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	386.9828	389.4641	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	488.7906	491.6442	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.40 Put	114,600	512.8624	515.7671	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.50 Call	500	896.8353	903.7468	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.91 Put	34,000	792.3446	795.5860	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	847.9807	851.1553	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	1185.4629	1188.1090	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.00 Call	3,580	399.5744	405.0995	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.11 Call	1,900	377.6747	382.9686	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.12 Call	40,000	375.7536	381.0277	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	235.0264	237.1105	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	34,000	136.0721	125.5396	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.17 Call	16,000	133.7523	122.5459	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.20 Call	16,000	132.0466	120.3493	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	129.8147	117.4800	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	91.9302	71.2623	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	3,867	385.0527	384.4211	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	482.8527	487.5842	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	36.0779	49.1924	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	445.6611	444.8854	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	697.8920	697.8125	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	487.6799	490.9689	0.0000	0.0000	0	0.00		
			<u>1,634,412</u>					<u>550.00</u>	<u>0.00</u>	<u>33 768 257.00</u>	<u>0.00</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>		
		<b>Total</b>	<b>2,739,368</b>				<b>86,740.00</b>	<b>1,159,646,845.50</b>	<b>171 882 724.00</b>	<b>1 584 971 948 956.90</b>
		<b>Grand Total</b>	<b>3,200,290</b>				<b>110,568.00</b>	<b>1 604 880 265.50</b>	<b>228,068,726</b>	<b>2,168,536,073,316.20</b>