



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 14-June-2018

<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>Future</b>									
Jul 2018	DAEU	Future	34	15.6084	15.6829	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.6557	15.7309	0.0000	0.0000	0	0.00
			<u>67</u>					<i>0.00</i>	<i>0.00</i>
		<b>Total</b>	<b>67</b>					<b>0.00</b>	<b>0.00</b>
									<i>791 007.00</i>
									<i>11 806 212 560.60</i>
<b>Future</b>									
Jun 2018	DAUS	Future	20	13.3274	13.2387	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	5,947	13.3258	13.2456	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	4,811	13.3409	13.2611	0.0000	0.0000	2,392	31,532,040.00
Jul 2018	DAUS	Future	100	13.3460	13.2662	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.3477	13.2679	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.3528	13.2731	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.3767	13.2972	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.3835	13.3042	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.3852	13.3059	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.3887	13.3094	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	3,444	13.3955	13.3163	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.3989	13.3198	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.4177	13.3388	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,855	13.4482	13.3698	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	177	13.4533	13.3750	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	13.4958	13.4179	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.5027	13.4247	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.5424	13.4641	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.5492	13.4710	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,363	13.5527	13.4744	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	13.5544	13.4761	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.5751	13.4967	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	3,117	13.6044	13.5258	0.0000	0.0000	0	0.00
Dec 2018	DAUS	Future	1,830	13.6574	13.5788	0.0000	0.0000	0	0.00

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Jan 2019	DAUS	Future	55	13.6608	13.5822	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.7081	13.6299	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.7098	13.6316	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.7318	13.6538	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,280	13.7572	13.6794	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.8030	13.7257	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.8133	13.7360	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.8611	13.7844	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.9141	13.8379	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	13.9192	13.8431	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.9628	13.8869	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.0058	13.9294	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.0502	13.9733	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.0918	14.0144	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.1321	14.0542	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.1765	14.0981	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.2195	14.1407	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.2597	14.1804	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.3027	14.2230	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.3457	14.2655	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.3831	14.3025	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.4303	14.3492	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.5520	14.4741	0.0000	0.0000	0	0.00		
			<u>182,113</u>					<u>2,392.00</u>	<u>31,532,040.00</u>	<u>10 264 830.00</u>	<u>124 857 462 100.90</u>

**Option**

Jun 2018	DAUS	13.00 Put	1	2.0303	21.9139	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.22 Put	500	2.3948	3.5311	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.44 Put	109	4.0313	5.9083	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.45 Put	635	4.1349	6.0587	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.47 Put	158	4.3524	6.3749	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.52 Call	109	825.8615	748.3610	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.55 Call	500	796.2783	718.9679	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.56 Call	635	786.4269	709.1843	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.62 Call	158	727.4339	651.5876	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.85 Call	500	513.4942	453.4625	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	515.7536	595.4069	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	0.5096	0.7292	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.2307	0.3168	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	1.0943	1.5211	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	5.6035	10.2050	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	318.3952	286.8967	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	8.2358	15.9107	0.0000	0.0000	0	0.00

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Jul 2018	DAUS	12.07 Put	2,000	3.1457	5.0304	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	132.5298	126.7616	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	100.9200	98.3068	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1124.6078	1204.0858	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	3.2791	3.2536	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.00 Put	500	137.3512	178.6069	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Call	500	274.6569	259.9875	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	587.0619	659.0541	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	6.5076	8.6429	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	3.3479	4.7458	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	22.2329	30.3468	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	644.2471	715.6453	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	7.2390	8.6531	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	194.9165	235.9754	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	330.8663	315.4391	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	635.1196	701.2017	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	27.4902	27.7780	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	13.7114	12.6896	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	347.3127	398.3462	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	233.5714	275.6039	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	369.8823	355.6598	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	667.6574	731.7003	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	44.7736	45.6084	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	26.4176	30.2327	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	271.8754	314.5928	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	698.7624	762.5379	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	409.2701	396.8590	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	66.1093	68.0472	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	48.8411	51.6211	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	43.7090	53.8659	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	742.2956	806.9785	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	58.7723	60.3969	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	8.2561	9.6005	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	34.2781	41.4401	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	744.8331	716.2222	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	300.8728	344.7879	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	722.7050	786.3570	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	436.1319	425.5342	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	84.5749	86.3735	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	64.8133	67.1329	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	637.4281	698.3147	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	165.5991	165.2086	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	13.00 Put	500	324.4123	368.6180	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	742.2204	805.0654	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.22 Call	500	462.9876	453.3155	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	102.4188	105.1910	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	80.5204	83.5118	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.00 Put	500	346.5434	390.4970	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.38 Call	500	483.9129	475.1071	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.00 Put	500	365.5946	407.2363	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.52 Call	500	502.7503	493.8161	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	384.0152	425.4410	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	520.3498	512.1078	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	401.7673	442.8596	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	1001.3241	977.1077	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	536.8310	529.5266	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	418.6306	459.2975	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	551.7286	545.2217	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	435.7940	476.0612	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	565.5336	559.3883	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.00 Put	500	458.4245	498.0274	0.0000	0.0000	0	0.00
Jul 2019	DAUS	15.34 Call	500	586.0831	579.4247	0.0000	0.0000	0	0.00
Aug 2019	DAUS	13.00 Put	500	477.4497	516.4234	0.0000	0.0000	0	0.00
Aug 2019	DAUS	15.52 Call	500	598.3017	590.6371	0.0000	0.0000	0	0.00
Sep 2019	DAUS	13.00 Put	500	495.0514	533.8386	0.0000	0.0000	0	0.00
Sep 2019	DAUS	15.68 Call	500	614.6155	607.1426	0.0000	0.0000	0	0.00
Oct 2019	DAUS	13.00 Put	500	512.4310	550.9784	0.0000	0.0000	0	0.00
Oct 2019	DAUS	15.87 Call	500	625.6692	618.3898	0.0000	0.0000	0	0.00
Nov 2019	DAUS	13.00 Put	500	527.7742	565.9622	0.0000	0.0000	0	0.00
Nov 2019	DAUS	16.03 Call	500	639.2753	631.9445	0.0000	0.0000	0	0.00
Dec 2019	DAUS	13.00 Put	500	542.7925	580.5700	0.0000	0.0000	0	0.00
Dec 2019	DAUS	16.21 Call	500	652.5122	644.9557	0.0000	0.0000	0	0.00
			<u>358,332</u>					<i>0.00</i>	<i>0.00</i>
		<b>Total</b>	<b>540,445</b>					<b>2,392.00</b>	<b>31,532,040.00</b>
								29 233 912.00	124 857 462 100.90
<b>Future</b>									
Jun 2018	EUUS	Future	240	1.1652	1.1774	1.1818	1.1726	60	705,580.00
Sep 2018	EUUS	Future	40	1.1729	1.1855	1.1830	1.1761	40	472,080.00
			<u>280</u>					<i>100.00</i>	<i>1,177,660.00</i>
		<b>Total</b>	<b>280</b>					<b>100.00</b>	<b>1,177,660.00</b>
								709 266.00	8 034 559 272.00
<b>Future</b>									
Sep 2018	JYZA	Future	283	8.1328	8.1885	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			283					0.00	0.00	18 783.00	186 145 988.86	
<b>Option</b>												
	Jun 2018	JYZA	8.79 Call	50,000	14.4371	30.0163	0.0000	0.0000	0	0.00		
	Jun 2018	JYZA	8.89 Put	1,200	6163.7293	5534.6734	0.0000	0.0000	0	0.00		
			51,200					0.00	0.00	275 800.00	0.00	
			<b>Total</b>	<b>51,483</b>				<b>0.00</b>	<b>0.00</b>	294 583.00	186 145 988.86	
<b>Future</b>												
	Jun 2018	ZAAD	Future	15,720	10.0438	10.0573	9.9731	9.9118	1,206	12,041,478.80		
	Sep 2018	ZAAD	Future	1,189	10.1621	10.1818	10.0894	10.0894	606	6,156,800.50		
	Dec 2018	ZAAD	Future	11,412	10.2859	10.3058	0.0000	0.0000	0	0.00		
			28,321					1,812.00	18,198,279.30	3 639 233.00	31 539 794 825.90	
			<b>Total</b>	<b>28,321</b>				<b>1,812.00</b>	<b>18,198,279.30</b>	3 671 610.00	31 539 794 825.90	
<b>Future</b>												
	Jun 2018	ZACA	Future	1,880	10.2214	10.2076	0.0000	0.0000	0	0.00		
			1,880					0.00	0.00	132 943.00	1 306 167 910.10	
			<b>Total</b>	<b>1,880</b>				<b>0.00</b>	<b>0.00</b>	132 943.00	1 306 167 910.10	
<b>Future</b>												
	Jun 2018	ZAEU	Future	52,612	15.5293	15.5916	15.6287	15.3735	19,685	306,487,915.20		
	Sep 2018	ZAEU	Future	134,694	15.8072	15.8853	15.9365	15.6485	30,857	486,885,430.40		
	Dec 2018	ZAEU	Future	19,006	16.0984	16.1791	0.0000	0.0000	7,947	128,415,573.00		
	Mar 2019	ZAEU	Future	4,808	16.4261	16.5115	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.7386	16.8269	0.0000	0.0000	0	0.00		
			216,376					58,489.00	921,788,918.60	14 901 922.00	212 615 718 830.70	
<b>Option</b>												
	Jun 2018	ZAEU	13.50 Put	29,734	0.0000	0.0000	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,948	0.0009	0.0025	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	0.0250	0.0411	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	0.1550	0.2860	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	1229.5066	1291.9733	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.40 Call	10,000	1129.6667	1192.2334	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Call	3,000	538.9218	604.5120	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Put	3,000	9.6218	12.9120	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	50,948	33.0545	39.3542	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.63 Call	29,734	74.2878	125.1697	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.80 Call	3,000	37.3238	72.2644	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.00 Call	3,000	16.7883	37.0348	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.44 Put	6,460	913.6132	857.1638	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	18.61 Call	6,460	0.0316	0.0333	0.0000	0.0000	0	0.00		

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Jun 2018	ZAEU	20.55 Call	50,948	0.4093	0.4743	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	13.50 Put	29,734	11.6583	13.5459	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,688	29.2646	32.2535	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	525.3303	499.8253	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	223.7711	254.9269	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	19.6466	24.0909	0.0000	0.0000	0	0.00
			613,230					0.00	0.00
		<b>Total</b>	<b>829,606</b>					<b>58,489.00</b>	<b>921,788,918.60</b>
									22 866 438.00
									212 615 718 830.70
<b>Future</b>									
Sep 2018	ZAFR	Future	1,215	13.6881	13.7077	0.0000	0.0000	0	0.00
			1,215					0.00	0.00
		<b>Total</b>	<b>1,215</b>					<b>0.00</b>	<b>0.00</b>
									612 948.00
									6 555 963 200.80
<b>Future</b>									
Jun 2018	ZAGB	Future	122,019	17.7618	17.7036	17.7239	17.5160	6,386	112,858,347.80
Sep 2018	ZAGB	Future	220,657	18.0332	17.9893	18.0034	17.8372	2,549	45,842,964.00
Dec 2018	ZAGB	Future	7,687	18.3133	18.2689	18.3092	18.3092	360	6,569,752.00
Mar 2019	ZAGB	Future	4,932	18.6220	18.5789	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	5,465	18.9121	18.8697	0.0000	0.0000	0	0.00
			360,760					9,295.00	165,271,063.80
									11 749 793.00
									197 616 468 244.20
<b>Option</b>									
Jun 2018	ZAGB	17.50 Put	500	39.7511	76.0088	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	0.0750	0.1704	0.0000	0.0000	0	0.00
			1,000					0.00	0.00
		<b>Total</b>	<b>361,760</b>					<b>9,295.00</b>	<b>165,271,063.80</b>
									13 523 906.00
									197 616 468 244.20
<b>Future</b>									
Jun 2018	ZAJY	Future	8,296	0.1209	0.1199	0.0000	0.0000	0	0.00
			8,296					0.00	0.00
		<b>Total</b>	<b>8,296</b>					<b>0.00</b>	<b>0.00</b>
									985 278.00
									10 983 324 643.00
<b>Future</b>									
Sep 2018	ZAKS	Future	562	0.1310	0.1304	0.0000	0.0000	0	0.00
Jun 2019	ZAKS	Future	1,093	0.1286	0.1272	0.0000	0.0000	0	0.00
			1,655					0.00	0.00
		<b>Total</b>	<b>1,655</b>					<b>0.00</b>	<b>0.00</b>
									35 358.00
									476 333 960.00
<b>Future</b>									
Jun 2018	ZATR	Future	3,940	2.8392	2.8528	0.0000	0.0000	0	0.00
Sep 2018	ZATR	Future	12,775	2.7648	2.7820	0.0000	0.0000	1,500	4,149,150.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			16,715					1,500.00	4,149,150.00	278 314.00	977 047 616.50	
	<b>Total</b>		<b>16,715</b>					<b>1,500.00</b>	<b>4,149,150.00</b>	278 314.00	977 047 616.50	
<b>Future</b>												
	Jun 2018	ZAUM	Future	211	13.3274	13.2421	0.0000	0.0000	0	0.00		
	Sep 2018	ZAUM	Future	346	13.4769	13.3991	0.0000	0.0000	0	0.00		
	Dec 2018	ZAUM	Future	10	13.6285	13.5498	0.0000	0.0000	0	0.00		
				567					0.00	0.00	151 624.00	174 835 981 700.00
	<b>Total</b>		<b>567</b>					<b>0.00</b>	<b>0.00</b>	156 147.00	174 835 981 700.00	
<b>Future</b>												
	Jun 2018	ZAUS	Future	497,007	13.3274	13.2421	13.3384	13.1073	289,800	3,828,592,990.70		
	Sep 2018	ZAUS	Future	508,364	13.4769	13.3991	13.4950	13.2765	341,473	4,570,330,984.00		
	Dec 2018	ZAUS	Future	62,687	13.6285	13.5498	13.5132	13.4450	19,382	261,523,817.60		
	Mar 2019	ZAUS	Future	5,660	13.7877	13.7101	13.6400	13.6400	10	136,400.00		
	Jun 2019	ZAUS	Future	14,110	13.9380	13.8621	0.0000	0.0000	23,910	331,091,700.00		
				1,087,828					674,575.00	8,991,675,892.30	176 264 174.00	2 082 707 989 079.10
<b>Option</b>												
	Jun 2018	ZAUS	11.00 Put	56,673	0.0082	0.0140	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.20 Put	2,550	0.0099	0.0185	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.35 Call	10,000	1977.4114	1892.1232	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.45 Call	10,000	1877.4126	1792.1271	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.50 Put	40,216	0.0133	0.0293	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.60 Put	12,000	0.0147	0.0346	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.75 Put	55,923	0.0173	0.0451	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.77 Put	76,000	0.0177	0.0468	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.80 Put	5,500	0.0183	0.0495	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.90 Put	9,500	0.0206	0.0602	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.00 Call	3,000	1327.4233	1242.1908	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.00 Put	38,700	0.0233	0.0908	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.06 Put	150	0.0343	0.1313	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.12 Put	372	0.0505	0.1899	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.14 Put	155,500	0.0575	0.2148	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.15 Call	500	1177.4614	1092.3284	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.15 Put	1,000	0.0614	0.2284	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.20 Call	40,000	1127.4850	1042.4106	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.23 Call	3,000	1097.5033	1012.4735	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.25 Call	40,000	1077.5178	992.5223	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.25 Put	12,415	0.1178	0.4223	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.30 Call	4,000	1027.5634	942.6739	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.30 Put	24,500	0.1634	0.5739	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.40 Put	15,103	0.3154	1.0570	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	12.45 Call	150	877.8385	793.5321	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	828.0097	744.0373	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	0.6097	1.9373	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	778.2477	694.7160	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Put	80,000	0.8477	2.6160	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.70 Put	10,000	2.2691	6.7481	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Call	4,000	580.5450	501.3186	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	3.1450	9.2186	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.89 Put	100	7.7308	21.0324	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	11.9811	30.8656	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	342.7188	280.1785	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	15.3188	38.0785	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	20.7114	49.0306	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	41.4025	85.9115	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	48.8284	97.8197	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.25 Put	20,000	63.7375	120.3046	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	82.2347	150.4297	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	180.3485	265.9555	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	195.7664	282.0645	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	211.6081	298.4726	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	331.7264	420.1457	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	433.6027	521.7361	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	481.1995	569.0600	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	490.7896	578.5917	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	510.0312	597.7148	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	519.6805	607.3045	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	577.9176	665.1885	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	3.3510	4.9234	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	675.9510	762.8234	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	774.4437	861.2721	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	923.3438	1009.8649	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.1362	0.7864	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.0487	0.4380	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.0422	0.3152	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.0306	0.1259	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.0298	0.1155	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.0281	0.0923	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.0266	0.0743	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.0248	0.0529	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.0240	0.0444	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.0237	0.0413	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.0219	0.0227	0.0000	0.0000	0	0.00



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Jun 2018	ZAUS	16.16 Call	5,183	0.0392	0.0492	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.0789	0.0961	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.0859	0.1042	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.1065	0.1282	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.1151	0.1381	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.1575	0.1868	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.2761	0.3217	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.3200	0.3713	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.4559	0.5240	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.5266	0.4144	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	11.2655	13.8469	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	11.6154	14.2853	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	13.5394	16.6974	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	17.0622	21.1157	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	19.9253	24.7043	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	21.5386	26.7251	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	25.1831	31.2860	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1269.1755	1206.4622	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	42.2755	57.3622	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	48.3530	64.8063	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	59.4180	78.1704	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	1056.2979	1000.9228	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	79.3979	101.8228	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	95.1735	120.1635	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	101.6250	127.5980	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	110.7013	137.9956	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	848.1857	802.0944	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	826.6448	782.1710	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	164.5841	200.6566	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	694.8981	658.4811	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	580.3957	550.5758	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	312.9304	361.5318	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	554.2818	526.0010	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	327.3818	376.9010	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	529.1467	502.3594	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,500	438.0928	418.0523	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	399.2705	381.6189	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	381.1267	364.5824	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	45.2596	45.5786	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	42.6034	42.9916	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	39.1097	39.2382	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	32.7985	33.5520	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	11.64 Put	2,764	40.2730	47.7888	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	231,517	48.3040	57.3563	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	61.3890	72.8754	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	147,500	71.6528	84.9924	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	73.8673	87.6002	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	4,500	83.2920	98.6759	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	127.4921	153.1761	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	231,517	1283.4267	1233.6541	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	10,200	154.9267	183.8541	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	188.9124	221.4311	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	5,500	224.3841	260.2516	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	941.0783	907.5457	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	152,500	312.5783	357.7457	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	354.9430	402.8217	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	828.8212	800.6077	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	409.7564	460.7476	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	802.6246	775.6695	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	231,517	682.4248	661.2974	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	561.2184	546.2660	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	509.2699	496.6495	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	5,500	493.0759	481.1702	0.0000	0.0000	10,000	0.00
Dec 2018	ZAUS	14.13 Call	20,000	453.4414	443.2505	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	372.1950	365.7351	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	336.8356	331.8958	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	334.7521	329.9052	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	332.6866	327.9249	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	307.1098	303.4002	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	290.7286	287.6694	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	1,600	264.0567	260.6085	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	144.8204	145.2314	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	7.4093	8.2119	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	63.0431	76.5650	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	111.3131	131.4833	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	924.6064	900.2718	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	547.8735	538.0397	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Call	500	388.2462	381.8461	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	11.1466	11.7669	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	184.8832	214.0486	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	335.2447	370.1940	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	525.5851	572.7240	0.0000	0.0000	15,000	0.00
Jun 2019	ZAUS	14.58 Call	1,000	687.2264	677.0936	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	621.9457	614.0349	0.0000	0.0000	30,000	0.00

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Jun 2019	ZAUS	15.80 Call	1,000	418.0740	415.1225	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	10.75 Put	1,000	23.9705	27.6712	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	12.50 Put	1,000	300.0979	333.0958	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.87 Call	1,000	555.4426	549.4691	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	223.2801	222.9964	0.0000	0.0000	0	0.00	
			<u>3,611,471</u>					<u>55,000.00</u>	<u>0.00</u>	<u>50 012 516.00</u>
		<b>Total</b>	<b>4,699,299</b>					<b>729,575.00</b>	<b>8,991,675,892.30</b>	<b>226 276 690.00</b>
										<b>2 082 707 989 079.10</b>

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<b>Grand Total</b>	<b>6,541,589</b>					<b>803,163.00</b>	<b>10 133 793 004.00</b>	<b>309,583,428</b>	<b>2,910,260,297,469.78</b>
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