



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 26-June-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jul 2018	DAEU	Future	34	15.8492	15.9299	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.8992	15.9794	0.0000	0.0000	0	0.00
			<u>67</u>					<u>0.00</u>	<u>0.00</u>
									<u>791 007.00</u>
									<u>11 806 212 560.60</u>
Option									
Jul 2018	DAEU	15.63 Put	10,000	135.9906	111.6859	0.0000	0.0000	0	0.00
			<u>10,000</u>					<u>0.00</u>	<u>0.00</u>
									<u>956 787.00</u>
									<u>0.00</u>
		Total	10,067					0.00	0.00
									1 747 794.00
									11 806 212 560.60
Future									
Jun 2018	DAUS	Future	4,240	13.5397	13.5884	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	13.5441	13.5935	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.5455	13.5952	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.5499	13.6004	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.5748	13.6246	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.5820	13.6315	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.5837	13.6333	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.5873	13.6367	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,427	13.5944	13.6438	0.0000	0.0000	220	2,994,420.00
Aug 2018	DAUS	Future	55	13.5979	13.6473	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.6173	13.6667	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	5,970	13.6209	13.6702	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	600	13.6297	13.6790	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	2,602	13.6492	13.6986	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	197	13.6546	13.7040	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	13.6995	13.7490	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.7065	13.7560	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.7467	13.7962	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.7537	13.8032	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,363	13.7572	13.8067	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	13.7590	13.8085	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Nov 2018	DAUS	Future	70	13.7799	13.8295	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	700	13.7852	13.8347	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	3,117	13.8097	13.8593	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	1,830	13.8639	13.9136	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.8674	13.9171	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.9162	13.9664	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.9180	13.9682	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.9406	13.9911	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	13.9668	14.0175	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	14.0139	14.0650	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.0245	14.0757	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	14.0740	14.1253	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	14.1289	14.1803	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	14.1342	14.1856	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	14.1824	14.2335	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.2238	14.2745	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.2665	14.3168	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.3065	14.3565	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.3452	14.3949	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.3879	14.4372	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.4292	14.4782	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.4679	14.5166	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.5093	14.5576	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.5507	14.5986	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.5867	14.6343	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.6321	14.6793	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.7438	14.7911	0.0000	0.0000	0	0.00		
			<u>184,040</u>					<u>220.00</u>	<u>2,994,420.00</u>	<u>10 286 804.00</u>	<u>125 157 892 042.80</u>
Option											
Jun 2018	DAUS	12.22 Put	500	0.0347	0.0448	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.44 Put	109	0.1263	0.2239	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.45 Put	635	0.1341	0.2386	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.47 Put	158	0.1512	0.2707	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.52 Call	109	1019.9042	1068.7709	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.55 Call	500	989.9449	1038.8475	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.56 Call	635	979.9602	1028.8764	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.62 Call	158	920.0750	969.0917	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.85 Call	500	691.2538	741.1854	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	286.3641	254.0346	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	0.0174	0.0503	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	0.0149	0.0189	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	11.80 Put	2,000	0.0344	0.0476	0.0000	0.0000	0	0.00		

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Jul 2018	DAUS	12.50 Put	2,000	0.4163	0.4770	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	440.0161	489.0000	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	0.9274	1.1360	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	0.0523	0.2811	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.25 Put	20,000	50.8421	46.7726	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	133.8022	165.8184	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Put	20,000	183.9022	165.4184	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	88.6213	114.9801	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	917.7848	879.0600	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.0314	2.6709	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Put	40,000	215.1053	199.3755	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.00 Put	500	62.8960	57.1706	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Call	500	327.7668	360.8005	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	409.4428	384.1725	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	4.7476	6.1334	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	1.6547	2.0831	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	8.9306	8.4382	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	467.8720	441.3597	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	3.6379	4.6170	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	118.0128	109.5452	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	384.9227	413.8932	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	476.6102	452.1454	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	23.7288	27.5538	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	12.5850	14.9713	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	239.7921	226.2083	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	155.6583	147.8176	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	425.3592	452.4918	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	518.0918	495.3686	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	44.0078	48.3394	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	25.2688	29.1972	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	194.0992	186.4115	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	558.8620	538.6163	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	466.2433	493.5273	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	66.9234	72.9906	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	47.8969	52.8359	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	31.8858	30.8431	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	600.0662	579.2225	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	58.5738	64.0224	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	6.2903	6.5305	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	24.2856	24.1034	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	854.8728	893.4457	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	224.6873	217.4677	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	13.80 Put	1,000	589.6961	571.7945	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	14.08 Call	500	493.5995	521.1011	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	86.7461	93.8806	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	65.2428	71.3412	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	516.2638	500.7649	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	181.6027	195.1955	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.20 Put	1,000	315.1628	305.4898	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.30 Put	1,000	356.8737	346.0706	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.66 Call	1,000	376.4695	398.4222	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.75 Call	1,000	355.8152	376.9505	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.00 Put	500	251.0418	243.7652	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	615.1299	598.0849	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.22 Call	500	521.3401	548.5343	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	106.5628	113.9535	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	82.3296	88.4619	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	276.7331	267.6412	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	14.38 Call	500	543.2536	568.3975	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	297.7573	287.2583	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	562.7093	586.2758	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.00 Put	500	318.2088	306.4962	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.67 Call	500	580.6468	602.8359	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	3,000	338.0176	325.7210	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	1120.2882	1152.2964	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	597.7925	618.0548	0.0000	0.0000	0	0.00		
May 2019	DAUS	13.00 Put	500	357.0505	343.4870	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	613.1408	632.2994	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	372.5879	358.4225	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	624.9883	643.2265	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	395.9035	380.5123	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	644.2953	661.0228	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	415.7786	399.9248	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	655.1581	670.6101	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	434.9243	417.8811	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	670.9722	685.4246	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	453.1550	435.2837	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	680.7065	694.0594	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	469.0931	450.3421	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	692.8715	705.6507	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	485.0535	463.6915	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	704.9373	716.5472	0.0000	0.0000	0	0.00		
			<u>442,331</u>					<u>0.00</u>	<u>0.00</u>	<u>19 073 082.00</u>	<u>0.00</u>

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Total			626,371					220.00	2,994,420.00	29 359 886.00	125 157 892 042.80
Future											
Sep 2018	EUUS	Future	2,723	1.1738	1.1754	0.0000	0.0000	0	0.00		
			<u>2,723</u>					<u>0.00</u>	<u>0.00</u>	726 156.00	8 231 779 402.00
Total			2,723					0.00	0.00	726 156.00	8 231 779 402.00
Future											
Sep 2018	ZAAD	Future	12,322	10.1148	10.1647	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	11,412	10.2357	10.2852	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	10.4976	10.5487	0.0000	0.0000	0	0.00		
			<u>28,663</u>					<u>0.00</u>	<u>0.00</u>	3 683 050.00	31 983 843 733.40
Total			28,663					0.00	0.00	3 715 427.00	31 983 843 733.40
Future											
Dec 2018	ZACA	Future	500	10.4301	10.4687	0.0000	0.0000	0	0.00		
			<u>500</u>					<u>0.00</u>	<u>0.00</u>	136 153.00	1 339 439 627.10
Total			500					0.00	0.00	136 153.00	1 339 439 627.10
Future											
Sep 2018	ZAEU	Future	134,783	16.0567	16.1374	16.1344	16.0401	393	6,332,950.10		
Dec 2018	ZAEU	Future	19,006	16.3532	16.4352	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	Future	4,808	16.6843	16.7690	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	17.0013	17.0885	0.0000	0.0000	0	0.00		
			<u>163,853</u>					<u>393.00</u>	<u>6,332,950.10</u>	15 018 851.00	214 459 858 165.00
Option											
Sep 2018	ZAEU	13.50 Put	29,734	7.8148	7.8040	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	86,688	17.4467	17.0875	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	367.2781	333.6408	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	249.9660	273.2385	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	17.4317	19.5719	0.0000	0.0000	0	0.00		
			<u>319,804</u>					<u>0.00</u>	<u>0.00</u>	7 964 516.00	0.00
Total			483,657					393.00	6,332,950.10	22 983 367.00	214 459 858 165.00
Future											
Sep 2018	ZAFR	Future	1,215	13.9115	13.9922	0.0000	0.0000	0	0.00		
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	612 948.00	6 555 963 200.80
Total			1,215					0.00	0.00	612 948.00	6 555 963 200.80
Future											
Sep 2018	ZAGB	Future	226,346	18.1772	18.2805	18.2082	18.2082	678	12,368,709.00		

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Dec 2018	ZAGB	Future	7,437	18.4579	18.5617	18.5026	18.5016	1,000	18,502,100.00		
Mar 2019	ZAGB	Future	4,932	18.7673	18.8741	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	Future	6,543	19.0589	19.1672	0.0000	0.0000	0	0.00		
			<u>245,258</u>					<u>1,678.00</u>	<u>30,870,809.00</u>	<u>11 894 003.00</u>	<u>200 214 628 152.60</u>
	Total		245,258					1,678.00	30,870,809.00	13 668 116.00	200 214 628 152.60
Future											
Sep 2018	ZAJY	Future	115	0.1252	0.1259	0.0000	0.0000	0	0.00		
			<u>115</u>					<u>0.00</u>	<u>0.00</u>	<u>993 919.00</u>	<u>11 089 418 491.40</u>
	Total		115					0.00	0.00	993 919.00	11 089 418 491.40
Future											
Sep 2018	ZAKS	Future	562	0.1338	0.1344	0.0000	0.0000	0	0.00		
Jun 2019	ZAKS	Future	1,093	0.1307	0.1313	0.0000	0.0000	0	0.00		
			<u>1,655</u>					<u>0.00</u>	<u>0.00</u>	<u>35 358.00</u>	<u>476 333 960.00</u>
	Total		1,655					0.00	0.00	35 358.00	476 333 960.00
Future											
Sep 2018	ZATR	Future	12,775	2.8583	2.8347	0.0000	0.0000	0	0.00		
			<u>12,775</u>					<u>0.00</u>	<u>0.00</u>	<u>289 254.00</u>	<u>1 008 061 782.50</u>
	Total		12,775					0.00	0.00	289 254.00	1 008 061 782.50
Future											
Sep 2018	ZAUM	Future	346	13.6797	13.7292	0.0000	0.0000	0	0.00		
Dec 2018	ZAUM	Future	10	13.8342	13.8838	0.0000	0.0000	0	0.00		
			<u>356</u>					<u>0.00</u>	<u>0.00</u>	<u>151 864.00</u>	<u>175 166 490 800.00</u>
	Total		356					0.00	0.00	156 387.00	175 166 490 800.00
Future											
Sep 2018	ZAUS	Future	558,556	13.6797	13.7292	13.7401	13.6251	140,540	1,924,066,791.60		
Dec 2018	ZAUS	Future	73,871	13.8342	13.8838	13.9045	13.8641	859	11,887,836.70		
Mar 2019	ZAUS	Future	5,690	13.9982	14.0492	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	Future	14,610	14.1536	14.2051	0.0000	0.0000	0	0.00		
			<u>652,727</u>					<u>141,399.00</u>	<u>1,935,954,628.30</u>	<u>177 919 022.00</u>	<u>2 105 278 380 779.20</u>
Option											
Sep 2018	ZAUS	11.48 Put	5,200	7.6694	7.7534	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.50 Put	45,000	7.9087	7.9926	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.60 Put	2,000	9.2267	9.3067	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	93,314	11.6417	11.7067	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.85 Put	48,200	13.6065	13.6523	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.90 Put	3,000	14.7143	14.7469	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 2018	ZAUS	12.00 Put	13,300	17.2185	17.2156	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1455.3009	1504.6321	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	25.6009	25.4321	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	27.7322	27.5112	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	32.6971	31.2107	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	1224.9864	1271.5040	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	45.2864	42.3040	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	55.5616	51.9971	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	59.8406	56.0385	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	65.9258	61.7928	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	996.6667	1040.9244	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	972.6160	1016.5707	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	103.4816	97.4053	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	819.9912	861.6534	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	685.6962	723.4337	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Put	4,000	205.9962	194.2337	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	213.4570	201.3570	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	654.6535	691.5427	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	74,064	224.9535	212.3427	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,000	514.7266	547.1554	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	465.7593	496.3486	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Put	4,000	386.0593	367.1486	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	442.7305	472.3953	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	1,500	632.6291	605.5165	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Call	4,000	115.1145	125.1159	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	43.2474	48.0571	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	40.3994	44.9406	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	36.6832	40.8677	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	31.7985	35.5028	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	28.1640	28.6315	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	231,517	34.0667	34.4558	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	43.7958	44.0120	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	51.5131	51.5625	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	53.1867	53.1972	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	60.3434	60.1782	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	70.4035	69.9711	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	75.9318	75.3445	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	92.0031	90.9319	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	231,517	1445.1992	1491.3801	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	110.9992	107.5801	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	137.8180	133.6090	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	149.2423	144.7078	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 2018	ZAUS	12.75 Put	5,500	166.3138	161.2965	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	1072.1697	1114.7974	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	190,030	237.9697	230.9974	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	271.4809	263.6259	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	943.1819	982.8608	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	317.0735	306.9232	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	913.6363	952.7406	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	3,300	329.4363	318.9406	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	418.7499	405.8731	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	231,517	777.1222	813.2346	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	442.9222	429.4346	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	546.7391	530.7601	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	645.5572	678.1739	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Put	100	591.3572	574.3739	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	597.0569	579.9454	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	636.9793	669.3434	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	576.6522	606.7422	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	11,000	557.9180	587.3526	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	511.9915	539.7433	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	448.6922	473.9396	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	417.3865	441.3136	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	375.9985	397.9816	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	373.5788	395.4620	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	371.1725	392.9633	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	352.5238	373.5700	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	341.3933	361.9860	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	322.3229	342.1226	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	21,600	291.2950	309.7511	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	289.4701	307.8472	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	275.3334	293.0748	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	265.2491	282.5305	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	214.2225	229.5995	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	1,000	211.4298	226.6553	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	185.5632	199.3649	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	10,000	153.0501	164.9501	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	6.8867	7.5091	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	46.4762	44.7487	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	84.6435	81.1264	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	1038.8618	1072.9615	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	495.4129	478.4068	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	643.4125	623.4576	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	613.5001	637.3827	0.0000	0.0000	0	0.00

