



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 13-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>
Future									
Jul 2018	DAEU	Future	34	15.6829	15.6717	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.7309	15.7197	0.0000	0.0000	0	0.00
			<u>67</u>					<i>0.00</i>	<i>0.00</i>
									<i>791 007.00</i>
		Total	67					0.00	0.00
									<i>11 806 212 560.60</i>
Future									
Jun 2018	DAUS	Future	20	13.2387	13.2103	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	5,947	13.2456	13.2191	0.0000	0.0000	5,947	79,136,729.00
Jun 2018	DAUS	Future	5,811	13.2611	13.2347	0.0000	0.0000	1,000	13,412,100.00
Jul 2018	DAUS	Future	100	13.2662	13.2399	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.2679	13.2417	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.2731	13.2469	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.2972	13.2711	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.3042	13.2780	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.3059	13.2797	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.3094	13.2831	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	3,444	13.3163	13.2900	0.0000	0.0000	1,000	13,464,800.00
Aug 2018	DAUS	Future	55	13.3198	13.2934	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.3388	13.3124	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,855	13.3698	13.3435	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	177	13.3750	13.3487	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	13.4179	13.3918	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.4247	13.3987	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.4641	13.4383	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.4710	13.4452	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,363	13.4744	13.4486	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	13.4761	13.4503	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.4967	13.4710	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	3,117	13.5258	13.5003	0.0000	0.0000	0	0.00
Dec 2018	DAUS	Future	1,830	13.5788	13.5533	0.0000	0.0000	0	0.00

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Jan 2019	DAUS	Future	55	13.5822	13.5567	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.6299	13.6044	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.6316	13.6061	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.6538	13.6283	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,280	13.6794	13.6538	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.7257	13.7003	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.7360	13.7108	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.7844	13.7596	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.8379	13.8137	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	13.8431	13.8190	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.8869	13.8613	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	13.9294	13.9036	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	13.9733	13.9472	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.0144	13.9881	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.0542	14.0277	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.0981	14.0713	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.1407	14.1135	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.1804	14.1531	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.2230	14.1953	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.2655	14.2376	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.3025	14.2744	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.3492	14.3208	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.4741	14.4480	0.0000	0.0000	0	0.00		
			<u>183,113</u>					<u>7,947.00</u>	<u>106,013,629.00</u>	<u>10 262 438.00</u>	<u>124 825 930 060.90</u>

Option

Jun 2018	DAUS	13.00 Put	1	21.9139	34.9430	0.0000	0.0000	20,000	0.00
Jun 2018	DAUS	13.15 Put	0	54.9221	0.0000	0.0000	0.0000	40,000	0.00
Jun 2018	DAUS	12.22 Put	500	3.5311	4.7912	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.44 Put	109	5.9083	8.0670	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.45 Put	635	6.0587	8.2737	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.47 Put	158	6.3749	8.7070	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.52 Call	109	748.3610	724.6187	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.55 Call	500	718.9679	695.4457	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.56 Call	635	709.1843	685.7401	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.62 Call	158	651.5876	628.8281	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.85 Call	500	453.4625	435.7921	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	595.4069	620.8867	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	0.7292	0.7061	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.3168	0.3053	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	1.5211	2.0146	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	10.2050	13.2058	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	286.8967	275.8196	0.0000	0.0000	0	0.00

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Jul 2018	DAUS	12.60 Put	100,000	15.9107	20.0564	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	5.0304	6.3273	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	126.7616	122.7995	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	98.3068	95.5291	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1204.0858	1229.1751	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	3.2536	3.1343	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.00 Put	500	178.6069	191.7079	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Call	500	259.9875	252.8191	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	659.0541	680.6319	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	8.6429	9.5123	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	4.7458	4.9359	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	30.3468	36.4756	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	715.6453	737.2370	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	8.6531	8.9900	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	235.9754	248.1567	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	315.4391	307.2768	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	701.2017	720.3902	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	27.7780	27.3451	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	12.6896	12.5763	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	398.3462	0.0000	0.0000	0.0000	747	0.00
Sep 2018	DAUS	13.00 Put	500	275.6039	286.6895	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	355.6598	346.6871	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	731.7003	748.9553	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	45.6084	44.4484	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	30.2327	29.5215	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	314.5928	324.4723	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	762.5379	777.8997	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	396.8590	387.1806	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	68.0472	66.3917	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	51.6211	50.5291	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	53.8659	55.3807	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	806.9785	822.5145	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	60.3969	59.9495	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	9.6005	10.5636	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	41.4401	43.8349	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	716.2222	701.4765	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	344.7879	353.6513	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	786.3570	800.3995	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	425.5342	415.4029	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	86.3735	85.3536	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	67.1329	66.9203	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	698.3147	711.1540	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	15.69 Call	20,000	165.2086	161.1280	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.00 Put	500	368.6180	378.1356	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	805.0654	818.5609	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.22 Call	500	453.3155	443.1443	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	105.1910	104.2825	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	83.5118	83.5590	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	390.4970	400.2515	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	14.38 Call	500	475.1071	465.4249	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	407.2363	417.8452	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	493.8161	485.1157	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.00 Put	500	425.4410	434.5871	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.67 Call	500	512.1078	503.7188	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	3,000	442.8596	451.9055	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	977.1077	964.9962	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	529.5266	521.4408	0.0000	0.0000	0	0.00		
May 2019	DAUS	13.00 Put	500	459.2975	468.0623	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	545.2217	537.5017	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	476.0612	485.5542	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	559.3883	551.4840	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	498.0274	508.2537	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	579.4247	571.4099	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	516.4234	527.6650	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	590.6371	583.0850	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	533.8386	545.3831	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	607.1426	599.6521	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	550.9784	562.8486	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	618.3898	611.0442	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	565.9622	578.1220	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	631.9445	624.8716	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	580.5700	593.1891	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	644.9557	638.1046	0.0000	0.0000	0	0.00		
			<u>358,332</u>					<u>60,747.00</u>	<u>0.00</u>	<u>18 969 082.00</u>	<u>0.00</u>
		Total	541,445					68,694.00	106,013,629.00	29 231 520.00	124 825 930 060.90
Future											
	Jun 2018	EUUS	Future	260	1.1774	1.1789	0.0000	0.0000	0	0.00	
				<u>260</u>				<u>0.00</u>	<u>0.00</u>	<u>709 166.00</u>	<u>8 033 381 612.00</u>
		Total	260					0.00	0.00	709 166.00	8 033 381 612.00
Future											
	Sep 2018	JYZA	Future	283	8.1885	8.1916	0.0000	0.0000	0	0.00	

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			283					0.00	0.00	18 783.00	186 145 988.86	
Option												
	Jun 2018	JYZA	8.79 Call	50,000	30.0163	41.1330	0.0000	0.0000	0	0.00		
	Jun 2018	JYZA	8.89 Put	1,200	5534.6734	5499.2350	0.0000	0.0000	0	0.00		
	Sep 2018	JYZA	8.17 Put	0	2775.0587	2759.3966	0.0000	0.0000	40,000	0.00		
			51,200					40,000.00	0.00	275 800.00	0.00	
	Total		51,483					40,000.00	0.00	294 583.00	186 145 988.86	
Future												
	Jun 2018	ZAAD	Future	15,537	10.0573	10.0609	10.1394	10.0933	178	1,803,071.60		
	Sep 2018	ZAAD	Future	800	10.1818	10.1862	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	11,412	10.3058	10.3112	0.0000	0.0000	0	0.00		
			27,749						178.00	1,803,071.60	3 637 421.00	31 521 596 546.60
	Total		27,749					178.00	1,803,071.60	3 669 798.00	31 521 596 546.60	
Future												
	Jun 2018	ZACA	Future	1,880	10.2076	10.1750	10.1941	10.1941	200	2,038,820.00		
			1,880						200.00	2,038,820.00	132 943.00	1 306 167 910.10
	Total		1,880					200.00	2,038,820.00	132 943.00	1 306 167 910.10	
Future												
	Jun 2018	ZAEU	Future	58,902	15.5916	15.5793	15.7475	15.5870	1,386	21,744,219.60		
	Sep 2018	ZAEU	Future	132,586	15.8853	15.8749	15.8810	15.8810	1,983	31,837,970.70		
	Dec 2018	ZAEU	Future	11,059	16.1791	16.1697	16.3335	16.3158	1,450	23,651,125.00		
	Mar 2019	ZAEU	Future	4,808	16.5115	16.5027	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.8269	16.8199	0.0000	0.0000	0	0.00		
			212,611						4,819.00	77,233,315.30	14 843 433.00	211 693 929 912.10
Option												
	Jun 2018	ZAEU	13.50 Put	29,734	0.0000	0.0001	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,948	0.0025	0.0041	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	0.0411	0.0591	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	0.2860	0.3804	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	1291.9733	1279.7917	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.40 Call	10,000	1192.2334	1180.1182	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Call	3,000	604.5120	594.5832	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Put	3,000	12.9120	15.2832	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	50,948	39.3542	45.1997	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.63 Call	29,734	125.1697	125.4328	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.80 Call	3,000	72.2644	70.9648	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.00 Call	3,000	37.0348	34.3403	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.44 Put	6,460	857.1638	867.1508	0.0000	0.0000	0	0.00		

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Jun 2018	ZAEU	18.61 Call	6,460	0.0333	0.0181	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,948	0.4743	0.3401	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	13.5459	12.6840	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,688	32.2535	28.1105	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	499.8253	497.5825	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	254.9269	245.1992	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	24.0909	22.3878	0.0000	0.0000	0	0.00	
			613,230					0.00	0.00	7 964 516.00
		Total	825,841					4,819.00	77,233,315.30	22 807 949.00 211 693 929 912.10
Future										
Sep 2018	ZAFR	Future	1,215	13.7077	13.6948	0.0000	0.0000	0	0.00	
			1,215					0.00	0.00	612 948.00 6 555 963 200.80
		Total	1,215					0.00	0.00	612 948.00 6 555 963 200.80
Future										
Jun 2018	ZAGB	Future	123,497	17.7036	17.6554	17.8771	17.6881	303,753	5,393,436,976.00	
Sep 2018	ZAGB	Future	218,649	17.9893	17.9420	17.9772	17.9772	301,737	5,443,794,339.00	
Dec 2018	ZAGB	Future	7,687	18.2689	18.2213	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	4,932	18.5789	18.5306	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.8697	18.8244	0.0000	0.0000	0	0.00	
			360,230					605,490.00	10,837,231,315.00	11 740 498.00 197 451 197 180.40
Option										
Jun 2018	ZAGB	17.50 Put	500	76.0088	105.6978	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	0.1704	0.1476	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	1 774 113.00 0.00
		Total	361,230					605,490.00	10,837,231,315.00	13 514 611.00 197 451 197 180.40
Future										
Jun 2018	ZAJY	Future	8,296	0.1199	0.1199	0.0000	0.0000	0	0.00	
			8,296					0.00	0.00	985 278.00 10 983 324 643.00
		Total	8,296					0.00	0.00	985 278.00 10 983 324 643.00
Future										
Sep 2018	ZAKS	Future	562	0.1304	0.1301	0.0000	0.0000	0	0.00	
Jun 2019	ZAKS	Future	1,093	0.1272	0.1269	0.0000	0.0000	0	0.00	
			1,655					0.00	0.00	35 358.00 476 333 960.00
		Total	1,655					0.00	0.00	35 358.00 476 333 960.00
Future										
Jun 2018	ZATR	Future	3,940	2.8528	2.8933	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Sep 2018	ZATR	Future	12,775	2.7820	2.8190	0.0000	0.0000	0	0.00	
			<u>16,715</u>					0.00	0.00	276 814.00
		Total	16,715					0.00	0.00	276 814.00
Future										
Jun 2018	ZAUM	Future	211	13.2421	13.2156	0.0000	0.0000	0	0.00	
Sep 2018	ZAUM	Future	346	13.3991	13.3729	0.0000	0.0000	0	0.00	
Dec 2018	ZAUM	Future	10	13.5498	13.5244	0.0000	0.0000	0	0.00	
			<u>567</u>					0.00	0.00	151 624.00
		Total	567					0.00	0.00	156 147.00
Future										
Jun 2018	ZAUS	Future	622,365	13.2421	13.2156	13.4115	13.2468	288,325	3,837,113,023.10	
Sep 2018	ZAUS	Future	422,803	13.3991	13.3729	13.5650	13.3949	268,865	3,619,968,290.40	
Dec 2018	ZAUS	Future	43,345	13.5498	13.5244	13.7056	13.5650	5,678	77,680,210.10	
Mar 2019	ZAUS	Future	5,650	13.7101	13.6846	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	Future	3,718	13.8621	13.8382	0.0000	0.0000	0	0.00	
Jun 2020	ZAUS	Future	0	14.3629	14.3344	0.0000	0.0000	4,000	54,152,000.00	
			<u>1,097,881</u>					<u>566,868.00</u>	<u>7,588,913,523.60</u>	<u>175 589 599.00</u>
										<u>2 073 716 313 186.80</u>
Option										
Jun 2018	ZAUS	11.00 Put	56,673	0.0140	0.0000	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.20 Put	2,550	0.0185	0.0000	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.35 Call	10,000	1892.1232	1865.6000	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.45 Call	10,000	1792.1271	1765.6001	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.50 Put	40,216	0.0293	0.0003	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.60 Put	12,000	0.0346	0.0017	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.75 Put	55,923	0.0451	0.0168	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.77 Put	76,000	0.0468	0.0221	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.80 Put	5,500	0.0495	0.0329	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.90 Put	9,500	0.0602	0.1122	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Call	3,000	1242.1908	1215.8048	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Put	38,700	0.0908	0.2048	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.06 Put	150	0.1313	0.2931	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.12 Put	372	0.1899	0.4187	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.14 Put	155,500	0.2148	0.4713	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Call	500	1092.3284	1066.1000	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Put	1,000	0.2284	0.5000	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.20 Call	40,000	1042.4106	1016.2713	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.23 Call	3,000	1012.4735	986.4003	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Call	40,000	992.5223	966.4996	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Put	12,415	0.4223	0.8996	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.30 Call	4,000	942.6739	916.8030	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	12.30 Put	24,500	0.5739	1.2030	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	15,103	1.0570	2.1366	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	793.5321	768.4362	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	744.0373	719.3536	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	1.9373	3.7536	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	694.7160	670.5514	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Put	80,000	2.6160	4.9514	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.70 Put	10,000	6.7481	11.4745	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Call	4,000	501.3186	480.5971	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	9.2186	14.9971	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.89 Put	100	21.0324	30.5799	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	30.8656	42.7029	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	280.1785	266.9099	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	38.0785	51.3099	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	49.0306	64.0560	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	85.9115	105.1891	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	97.8197	118.0847	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.25 Put	20,000	120.3046	0.0000	0.0000	0.0000	20,000	0.00
Jun 2018	ZAUS	13.30 Put	25,500	150.4297	175.7159	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	265.9555	290.7001	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	282.0645	306.6993	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	298.4726	323.0015	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	420.1457	444.1666	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	521.7361	545.7276	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	569.0600	593.1287	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	578.5917	602.6814	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	597.7148	621.8505	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	607.3045	631.4652	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	665.1885	690.0211	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	4.9234	4.0201	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	762.8234	788.4201	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	861.2721	887.3416	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1009.8649	1036.3181	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.7864	0.9274	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.4380	0.4741	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.3152	0.3300	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.1259	0.1171	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.1155	0.1060	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.0923	0.0817	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.0743	0.0633	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.0529	0.0423	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.0444	0.0343	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.53 Call	965	0.0413	0.0314	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.0227	0.0151	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.0492	0.0456	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.0961	0.0906	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.1042	0.0985	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.1282	0.1217	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.1381	0.1314	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.1868	0.1789	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.3217	0.3118	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.3713	0.3609	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.5240	0.4030	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.4144	0.2677	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	13.8469	14.6341	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	14.2853	15.0675	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	16.6974	17.4455	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	21.1157	21.7713	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	24.7043	25.2661	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	26.7251	27.2287	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	31.2860	31.6470	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1206.4622	1184.3320	0.0000	0.0000	1,000	0.00
Sep 2018	ZAUS	12.25 Put	40,000	57.3622	61.4320	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	64.8063	69.3037	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	78.1704	83.4013	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	1000.9228	981.1584	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	101.8228	108.2584	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	120.1635	127.4632	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	127.5980	135.2340	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	137.9956	146.0894	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	802.0944	786.0800	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	782.1710	766.3980	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	200.6566	211.4807	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	658.4811	644.2337	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	550.5758	537.6655	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	361.5318	374.9475	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	526.0010	513.3997	0.0000	0.0000	1,250	0.00
Sep 2018	ZAUS	13.25 Put	73,314	376.9010	390.4997	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	502.3594	490.0533	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,500	418.0523	407.8262	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	381.6189	372.0988	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	364.5824	355.3940	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	45.5786	44.6974	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	42.9916	41.9411	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	16.14 Call	750	39.2382	38.0702	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	33.5520	32.9443	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	47.7888	50.3051	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	231,517	57.3563	59.8009	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	72.8754	75.1158	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	147,500	84.9924	87.0222	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	87.6002	0.0000	0.0000	0.0000	11,000	0.00
Dec 2018	ZAUS	12.10 Put	4,500	98.6759	0.0000	0.0000	0.0000	9,000	0.00
Dec 2018	ZAUS	12.38 Put	39,589	153.1761	157.6004	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	231,517	1233.6541	1213.4047	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	10,200	183.8541	189.0047	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	221.4311	227.4218	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	5,500	260.2516	267.0586	0.0000	0.0000	4,500	0.00
Dec 2018	ZAUS	13.00 Call	7,000	907.5457	890.6235	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	147,500	357.7457	366.2235	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	402.8217	411.9596	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	800.6077	785.0068	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	460.7476	0.0000	0.0000	0.0000	5,500	0.00
Dec 2018	ZAUS	13.25 Call	10,000	775.6695	760.3991	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	231,517	661.2974	647.6297	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	546.2660	534.3806	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	496.6495	485.4781	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	500	481.1702	470.2275	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	443.2505	432.8823	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	365.7351	357.1228	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	331.8958	324.0774	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	329.9052	322.1322	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	327.9249	0.0000	0.0000	0.0000	11,000	0.00
Dec 2018	ZAUS	14.75 Call	127,100	303.4002	296.2688	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	287.6694	280.9238	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	1,600	260.6085	253.8716	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	145.2314	141.7524	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	8.2119	8.8582	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	76.5650	80.1695	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	131.4833	136.4372	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	900.2718	887.0671	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	538.0397	529.0978	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Call	500	381.8461	375.1500	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	11.7669	12.7765	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	214.0486	220.3866	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	370.1940	378.6509	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	15,000	572.7240	0.0000	0.0000	0.0000	15,000	0.00

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Jun 2019	ZAUS	14.58 Call	1,000	677.0936	668.5434	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.82 Call	15,000	614.0349	0.0000	0.0000	0.0000	30,000	0.00	
Jun 2019	ZAUS	15.80 Call	1,000	415.1225	409.5150	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	10.75 Put	1,000	27.6712	26.3797	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	12.50 Put	1,000	333.0958	345.8368	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.87 Call	1,000	549.4691	542.5663	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	222.9964	219.8882	0.0000	0.0000	0	0.00	
			<u>3,571,471</u>					<u>108,250.00</u>	<u>0.00</u>	<u>49 957 516.00</u>
	Total		4,669,352					675,118.00	7,588,913,523.60	225 547 115.00
										2 073 716 313 186.80

Grand Total			6,507,755					1,394,499.00	18 613 233 674.50	308,780,265	2,900,126,504,465.78
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