



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 19-June-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jul 2018	DAEU	Future	34	16.0078	15.9712	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	16.0577	16.0204	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	138.9451	135.1851	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	5,947	13.7700	13.6826	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	20	13.7700	13.6844	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	4,240	13.7824	13.6965	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	13.7878	13.7018	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.7895	13.7035	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.7949	13.7088	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.8198	13.7334	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.8269	13.7404	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.8288	13.7422	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.8324	13.7457	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,427	13.8397	13.7528	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.8433	13.7563	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.8633	13.7757	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	4,470	13.8669	13.7792	0.0000	0.0000	500	6,991,000.00
Aug 2018	DAUS	Future	600	13.8760	13.7880	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	2,602	13.8959	13.8077	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	177	13.9014	13.8131	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	13.9468	13.8578	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.9541	13.8649	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.9961	13.9060	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	14.0035	13.9132	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 2018	DAUS	Future	3,363	14.0071	13.9167	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	55	14.0089	13.9185	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.0309	13.9400	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	3,117	14.0620	13.9704	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	1,830	14.1189	14.0259	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.1226	14.0294	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.1744	14.0797	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	14.1763	14.0815	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.2004	14.1048	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	14.2281	14.1317	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	14.2782	14.1801	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.2894	14.1907	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	14.3416	14.2404	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	14.3994	14.2954	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	14.4050	14.3007	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	14.4511	14.3453	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.4900	14.3857	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.5300	14.4275	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.5676	14.4666	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.6039	14.5044	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.6440	14.5462	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.6829	14.5866	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.7192	14.6244	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.7580	14.6649	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.7968	14.7053	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.8307	14.7406	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.8732	14.7849	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.0002	14.9090	0.0000	0.0000	0	0.00		
			<u>187,787</u>					<u>500.00</u>	<u>6,991,000.00</u>	<u>10 277 897.00</u>	<u>125 036 254 056.30</u>
Option											
Jun 2018	DAUS	12.22 Put	500	0.6131	0.5643	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.44 Put	109	1.2498	1.1233	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.45 Put	635	1.2782	1.1562	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.47 Put	158	1.3372	1.2254	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.52 Call	109	1263.8997	1177.9195	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.55 Call	500	1234.0086	1148.0524	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.56 Call	635	1224.0470	1138.0998	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.62 Call	158	1164.3019	1078.4205	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.85 Call	500	935.8436	850.5242	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	192.6602	236.1902	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	1.0156	0.5714	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	0.2485	0.1477	0.0000	0.0000	0	0.00		

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Jul 2018	DAUS	11.80 Put	2,000	0.2272	0.2445	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	2.2889	2.2727	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	676.4314	597.7283	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	2.7193	3.1594	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	0.8245	0.9009	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.25 Put	20,000	35.4826	43.1130	0.0000	0.0000	20,000	0.00
Jul 2018	DAUS	13.60 Call	1,000	329.1045	268.3254	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Put	20,000	134.2045	159.5254	0.0000	0.0000	20,000	0.00
Jul 2018	DAUS	13.73 Call	1,000	258.4985	206.2237	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	753.6319	812.5130	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	10.5310	7.1086	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.00 Put	500	47.9104	53.5447	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Call	500	518.9347	451.9095	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	318.9579	350.5871	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	21.6469	13.8681	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	9.4222	5.1972	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	5.7908	6.8315	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	370.2814	404.6091	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	19.6604	12.8228	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	91.6093	98.5318	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	557.8628	493.4890	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	387.6231	415.6575	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	54.3313	42.5450	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	33.2183	25.2457	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	189.9428	203.8157	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	124.9626	132.2785	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	588.1718	524.6176	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	431.9009	457.8301	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	80.8203	65.8526	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	53.4597	42.1526	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	159.8374	167.7743	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	474.7822	499.2042	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	622.7357	559.7050	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	110.0611	91.6186	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	79.6875	65.8496	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	27.0802	28.6403	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	512.0434	537.4315	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	94.1425	78.1477	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	5.6958	3.6543	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	19.4758	21.8022	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	1057.8292	977.7718	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	188.5635	196.6068	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	13.80 Put	1,000	507.4296	530.5118	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	14.08 Call	500	646.1103	583.4685	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	16.70 Call	500	132.3986	111.5301	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	17.31 Call	500	100.1304	83.9798	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	13.65 Put	20,000	442.1244	462.1947	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	15.69 Call	20,000	262.1858	227.2320	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	13.00 Put	500	213.0847	220.8223	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	13.80 Put	1,000	533.3724	554.5382	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	14.22 Call	500	671.4899	607.8531	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	16.93 Call	500	153.3251	130.8342	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	17.58 Call	500	120.2653	101.1921	0.0000	0.0000	0	0.00			
Jan 2019	DAUS	13.00 Put	500	236.0458	242.5545	0.0000	0.0000	0	0.00			
Jan 2019	DAUS	14.38 Call	500	689.5107	624.9839	0.0000	0.0000	0	0.00			
Feb 2019	DAUS	13.00 Put	500	254.7135	260.5132	0.0000	0.0000	0	0.00			
Feb 2019	DAUS	14.52 Call	500	706.4956	640.7822	0.0000	0.0000	0	0.00			
Mar 2019	DAUS	13.00 Put	500	273.0207	278.1478	0.0000	0.0000	0	0.00			
Mar 2019	DAUS	14.67 Call	500	722.1657	655.4585	0.0000	0.0000	0	0.00			
Apr 2019	DAUS	13.00 Put	3,000	290.9943	295.5484	0.0000	0.0000	0	0.00			
Apr 2019	DAUS	13.49 Call	2,500	1319.4784	1227.0499	0.0000	0.0000	0	0.00			
Apr 2019	DAUS	14.84 Call	500	736.7301	668.6361	0.0000	0.0000	0	0.00			
May 2019	DAUS	13.00 Put	500	308.0252	311.9988	0.0000	0.0000	0	0.00			
May 2019	DAUS	15.01 Call	500	749.9738	680.3340	0.0000	0.0000	0	0.00			
Jun 2019	DAUS	13.00 Put	500	322.6889	327.5064	0.0000	0.0000	0	0.00			
Jun 2019	DAUS	15.17 Call	500	759.7563	690.3168	0.0000	0.0000	0	0.00			
Jul 2019	DAUS	13.00 Put	500	340.6560	348.4271	0.0000	0.0000	0	0.00			
Jul 2019	DAUS	15.34 Call	500	774.6385	706.7455	0.0000	0.0000	0	0.00			
Aug 2019	DAUS	13.00 Put	500	356.5082	366.9665	0.0000	0.0000	0	0.00			
Aug 2019	DAUS	15.52 Call	500	781.3292	714.8868	0.0000	0.0000	0	0.00			
Sep 2019	DAUS	13.00 Put	500	374.1581	383.4603	0.0000	0.0000	0	0.00			
Sep 2019	DAUS	15.68 Call	500	793.9694	728.8199	0.0000	0.0000	0	0.00			
Oct 2019	DAUS	13.00 Put	500	389.6070	397.4237	0.0000	0.0000	0	0.00			
Oct 2019	DAUS	15.87 Call	500	800.2208	736.2837	0.0000	0.0000	0	0.00			
Nov 2019	DAUS	13.00 Put	500	403.0383	410.2239	0.0000	0.0000	0	0.00			
Nov 2019	DAUS	16.03 Call	500	810.0465	747.0055	0.0000	0.0000	0	0.00			
Dec 2019	DAUS	13.00 Put	500	417.6366	423.6484	0.0000	0.0000	0	0.00			
Dec 2019	DAUS	16.21 Call	500	819.0624	756.8363	0.0000	0.0000	0	0.00			
			<u>398,331</u>					<u>40,000.00</u>	<u>0.00</u>	<u>19 029 082.00</u>	<u>0.00</u>	
		Total	586,118					40,500.00	6,991,000.00	29 306 979.00	125 036 254 056.30	
Future												
	Sep 2018	EUUS	Future	3,781	1.1644	1.1691	1.1636	1.1630	2,446	28,526,813.00		
				<u>3,781</u>					<u>2,446.00</u>	<u>28,526,813.00</u>	<u>713 537.00</u>	<u>8 084 356 135.00</u>

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Total			3,781					2,446.00	28,526,813.00	713 537.00	8 084 356 135.00
Future											
Sep 2018	JYZA	Future	283	7.8388	7.9313	0.0000	0.0000	0	0.00		
			<u>283</u>					<u>0.00</u>	<u>0.00</u>	19 983.00	198 146 012.97
Total			283					0.00	0.00	295 783.00	198 146 012.97
Future											
Sep 2018	ZAAD	Future	8,621	10.2637	10.2828	10.3670	10.3032	72	744,127.20		
Dec 2018	ZAAD	Future	11,412	10.3900	10.4085	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	10.6664	10.6824	0.0000	0.0000	0	0.00		
			<u>24,962</u>					<u>72.00</u>	<u>744,127.20</u>	3 678 924.00	31 942 098 486.40
Total			24,962					72.00	744,127.20	3 711 301.00	31 942 098 486.40
Future											
Dec 2018	ZACA	Future	500	10.6469	10.6307	10.7520	10.7505	430	4,623,197.00		
			<u>500</u>					<u>430.00</u>	<u>4,623,197.00</u>	136 153.00	1 339 439 627.10
Total			500					430.00	4,623,197.00	136 153.00	1 339 439 627.10
Future											
Sep 2018	ZAEU	Future	134,861	16.2168	16.1781	16.3953	16.2086	1,527	24,887,463.60		
Dec 2018	ZAEU	Future	19,506	16.5207	16.4787	16.6408	16.6338	500	8,318,650.00		
Mar 2019	ZAEU	Future	4,808	16.8673	16.8196	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	17.1963	17.1409	0.0000	0.0000	0	0.00		
			<u>164,431</u>					<u>2,027.00</u>	<u>33,206,113.60</u>	15 015 089.00	214 399 078 779.30
Option											
Sep 2018	ZAEU	13.50 Put	29,734	9.8977	8.9088	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	86,688	23.2512	20.6511	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	344.5429	339.5472	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	345.0783	313.0664	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	34.1963	27.7537	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			484,235					2,027.00	33,206,113.60	22 979 605.00	214 399 078 779.30
Future											
Sep 2018	ZAFR	Future	1,215	14.1029	14.0224	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	225,032	18.4177	18.4035	18.5951	18.4300	945	17,549,750.00		

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Dec 2018	ZAGB	Future	7,498	18.7100	18.6913	18.9478	18.9021	555	10,493,179.00
Mar 2019	ZAGB	Future	4,932	19.0374	19.0126	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	6,543	19.3449	19.3113	0.0000	0.0000	0	0.00
			<u>244,005</u>					<u>1,500.00</u>	<u>28,042,929.00</u>
	Total		244,005					1,500.00	28,042,929.00
									13 660 767.00
									200 080 177 558.50
Future									
Sep 2018	ZAJY	Future	115	0.1276	0.1261	0.0000	0.0000	0	0.00
			<u>115</u>					<u>0.00</u>	<u>0.00</u>
	Total		115					0.00	0.00
									993 919.00
									11 089 418 491.40
Future									
Sep 2018	ZAKS	Future	562	0.1360	0.1342	0.0000	0.0000	0	0.00
Jun 2019	ZAKS	Future	1,093	0.1336	0.1333	0.0000	0.0000	0	0.00
			<u>1,655</u>					<u>0.00</u>	<u>0.00</u>
	Total		1,655					0.00	0.00
									35 358.00
									476 333 960.00
Future									
Sep 2018	ZATR	Future	12,775	2.8321	2.8138	0.0000	0.0000	0	0.00
			<u>12,775</u>					<u>0.00</u>	<u>0.00</u>
	Total		12,775					0.00	0.00
									289 254.00
									1 008 061 782.50
Future									
Sep 2018	ZAUM	Future	346	13.9267	13.8381	0.0000	0.0000	0	0.00
Dec 2018	ZAUM	Future	10	14.0876	13.9954	0.0000	0.0000	0	0.00
			<u>356</u>					<u>0.00</u>	<u>0.00</u>
	Total		356					0.00	0.00
									151 624.00
									174 835 981 700.00
Future									
Sep 2018	ZAUS	Future	605,067	13.9267	13.8381	14.0725	13.8850	141,040	1,973,268,745.20
Dec 2018	ZAUS	Future	74,002	14.0876	13.9954	14.2350	14.1139	37,503	527,183,176.10
Mar 2019	ZAUS	Future	5,690	14.2615	14.1640	14.3324	14.3088	20	286,412.00
Jun 2019	ZAUS	Future	14,610	14.4255	14.3203	0.0000	0.0000	0	0.00
			<u>699,369</u>					<u>178,563.00</u>	<u>2,500,738,333.30</u>
	Total		699,369					178,563.00	2,500,738,333.30
									177 536 109.00
									2 100 024 461 122.50
Option									
Sep 2018	ZAUS	11.48 Put	5,200	7.2101	7.2196	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	7.4472	7.4414	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	8.7540	8.6586	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	11.1480	10.8754	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	13.0910	12.6672	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	14.1841	13.6733	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	16.6466	15.9376	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1701.4956	1611.5309	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	24.7956	23.4309	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	26.8446	25.3185	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	30.4730	28.6683	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	1463.5349	1374.8142	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	36.8349	36.7142	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	43.0895	45.3963	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	46.4953	49.0290	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	51.3525	54.2095	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	1224.9324	1140.3349	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	1199.7288	1115.4594	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	81.5682	86.4845	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	1038.2232	956.6003	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	889.1869	812.0039	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	168.3214	180.5408	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	854.0372	778.8911	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	74,064	177.3372	190.7911	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	0	820.8471	746.7571	0.0000	0.0000	3,000	0.00
Sep 2018	ZAUS	13.50 Call	2,000	697.5877	628.0406	0.0000	0.0000	500	0.00
Sep 2018	ZAUS	13.60 Call	26,000	641.6354	574.5187	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	615.0560	549.1847	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	1,500	527.7280	0.0000	0.0000	0.0000	1,500	0.00
Sep 2018	ZAUS	15.97 Call	5,300	83.0716	67.3261	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	78.2785	63.2987	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	71.9509	57.9991	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	63.4967	50.9540	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	20.6922	24.4869	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	231,517	25.8452	29.8038	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	34.5376	38.6061	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	41.5588	45.6116	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	43.0928	47.1335	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	49.6917	53.6485	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	79.3794	82.5735	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	231,517	1683.3057	1593.7346	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	36,500	95.7057	98.3346	0.0000	0.0000	52,600	0.00
Dec 2018	ZAUS	12.63 Put	39,589	116.1807	119.0733	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	124.8794	0.0000	0.0000	0.0000	10,000	0.00
Dec 2018	ZAUS	12.75 Put	5,500	139.1034	144.5638	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	1288.8325	1204.6229	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	180,030	201.2325	209.2229	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	230.5129	239.6849	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	13.20 Call	7,100	1150.0150	1068.2595	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	269.1124	279.8238	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	1116.9636	1035.8806	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	355.0901	371.6595	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	231,517	964.2806	889.4764	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	376.6806	394.0764	0.0000	0.0000	24,932	0.00
Dec 2018	ZAUS	13.78 Call	100	818.0567	748.0669	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Put	100	510.4567	532.6669	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	515.6301	0.0000	0.0000	0.0000	10,000	0.00
Dec 2018	ZAUS	13.80 Call	3,264	808.4260	738.7879	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	739.5089	672.5583	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	6,000	717.8044	651.7548	0.0000	0.0000	500	0.00
Dec 2018	ZAUS	14.13 Call	20,000	664.2675	601.0675	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	589.7323	0.0000	0.0000	0.0000	100	0.00
Dec 2018	ZAUS	14.44 Call	11,300	552.4357	495.6840	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	502.5265	449.0058	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	499.5702	446.2482	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	496.6286	443.5088	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	460.0703	409.5871	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	436.5240	387.8690	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	1,600	397.9838	352.3587	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	395.7066	0.0000	0.0000	0.0000	20,000	0.00
Dec 2018	ZAUS	15.09 Call	500	377.9914	334.0061	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	365.2931	322.3776	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	26,300	303.6483	0.0000	0.0000	0.0000	52,600	0.00
Dec 2018	ZAUS	15.50 Call	1,000	300.3210	0.0000	0.0000	0.0000	1,000	0.00
Dec 2018	ZAUS	15.70 Call	4,080	266.7325	231.3900	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	230.3791	198.6228	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	6.5449	6.3924	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	30.0048	36.3825	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	60.9579	68.4812	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	1235.8629	1147.9832	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	560.9637	0.0000	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	761.7864	692.8725	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	609.2774	0.0000	0.0000	0.0000	35,962	0.00
Mar 2019	ZAUS	15.20 Call	0	546.5954	491.1216	0.0000	0.0000	500	0.00
Jun 2019	ZAUS	10.69 Put	1,000	13.1132	10.2530	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	111.2425	111.5002	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	229.4850	238.3668	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	306.9949	312.3416	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	395.7853	401.4307	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	646.6112	0.0000	0.0000	0.0000	25,000	0.00

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Jun 2019	ZAUS	13.88 Put	12,450	672.1490	0.0000	0.0000	0.0000	12,450	0.00	
Jun 2019	ZAUS	14.58 Call	1,000	922.7410	843.7879	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.82 Call	30,000	838.8936	764.0205	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.55 Call	25,000	633.2858	0.0000	0.0000	0.0000	50,000	0.00	
Jun 2019	ZAUS	15.62 Call	12,450	616.9721	0.0000	0.0000	0.0000	12,450	0.00	
Jun 2019	ZAUS	15.80 Call	1,000	577.3218	518.8522	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.92 Call	911	552.3897	494.6373	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	10.75 Put	1,000	23.4860	21.7569	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	12.50 Put	1,000	203.7954	203.4750	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.87 Call	1,000	724.7929	662.7066	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	316.6472	278.7489	0.0000	0.0000	0	0.00	
			<u>2,415,837</u>					<u>313,094.00</u>	<u>0.00</u>	<u>50 430 878.00</u>
		Total	3,115,206					491,657.00	2,500,738,333.30	227 966 987.00
										2 100 024 461 122.50

Grand Total	4,485,273					538,632.00	2 602 872 513.10	311,674,773	2,932,637,111,010.50
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