



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 27-August-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Oct 2018	CC01	Future	25,000	496.2207	549.2394	0.0000	0.0000	0	0.00		
			<u>25,000</u>					<u>0.00</u>	<u>0.00</u>	<u>25 000.00</u>	<u>7 830 750.00</u>
		Total	25,000					0.00	0.00	25 000.00	7 830 750.00
Future											
Sep 2018	DAEU	Future	34	16.5186	16.6002	0.0000	0.0000	0	0.00		
			<u>34</u>					<u>0.00</u>	<u>0.00</u>	<u>801 260.00</u>	<u>11 964 751 196.80</u>
Option											
Aug 2019	DAEU	16.03 Put	31,200	400.0299	382.4863	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	16.24 Put	31,200	472.8862	451.0122	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	19.65 Call	62,400	748.0878	771.1134	0.0000	0.0000	0	0.00		
			<u>124,800</u>					<u>0.00</u>	<u>0.00</u>	<u>1 143 987.00</u>	<u>0.00</u>
		Total	124,834					0.00	0.00	1 945 247.00	11 964 751 196.80
Future											
Sep 2018	DAGB	Future	14	18.3154	18.4264	0.0000	0.0000	0	0.00		
Oct 2018	DAGB	Future	3	18.3706	18.4821	0.0000	0.0000	0	0.00		
			<u>17</u>					<u>0.00</u>	<u>0.00</u>	<u>53 772.00</u>	<u>882 254 516.30</u>
		Total	17					0.00	0.00	261 085.00	882 254 516.30
Future											
Aug 2018	DAUS	Future	3,299	14.1420	14.2600	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	197	14.1447	14.2649	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	300	14.1474	14.2700	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	2,663	14.1958	14.3133	0.0000	0.0000	200	2,875,360.00		
Oct 2018	DAUS	Future	55	14.2032	14.3209	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	235	14.2312	14.3492	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.2461	14.3643	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	14.2536	14.3719	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	3,847	14.2574	14.3757	0.0000	0.0000	32	460,928.00		

<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>		
Nov 2018	DAUS	Future	55	14.2593	14.3776	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.2822	14.4004	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	420	14.2880	14.4061	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	461	14.3128	14.4308	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	7,004	14.3147	14.4327	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	2,387	14.3727	14.4914	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.3764	14.4952	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.4288	14.5482	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	14.4307	14.5501	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.4550	14.5747	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	14.4831	14.6031	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	14.5341	14.6547	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.5454	14.6661	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	14.5983	14.7196	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	14.6569	14.7790	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	14.7165	14.8399	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.7761	14.9008	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.8382	14.9644	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.9008	15.0283	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.9613	15.0901	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	15.0281	15.1582	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.0928	15.2242	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.1533	15.2859	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	15.2180	15.3519	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.2827	15.4179	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.3390	15.4754	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	15.4099	15.5478	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.5268	15.6670	0.0000	0.0000	0	0.00		
			<u>118,882</u>					<u>232.00</u>	<u>3,336,288.00</u>	<u>10 562 261.00</u>	<u>128 917 179 096.60</u>
Option											
Aug 2018	DAUS	14.57 Call	2,500	25.8778	46.3746	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.59 Call	2,500	24.1601	42.9098	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.74 Call	2,500	14.6606	23.5564	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.74 Put	7,500	613.5606	505.1564	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.00 Put	500	0.7095	0.7148	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.65 Call	500	511.4149	626.0455	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	37.5144	30.5717	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.25 Put	250	205.2594	153.6036	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.42 Call	250	55.4708	100.2903	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	0.4537	0.8622	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	0.1018	0.2388	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.43 Put	10,000	10.5226	10.6105	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	DAUS	13.44 Put	15,000	10.7852	10.8377	0.0000	0.0000	0	0.00
Sep 2018	DAUS	12.90 Put	100	3.4739	3.6991	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.09 Put	600	5.0297	5.2235	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.32 Call	600	837.9221	960.2884	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.45 Call	100	711.0455	833.0354	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Call	100	416.5452	519.6385	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.90 Call	600	347.1541	442.9733	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	16.1357	16.4231	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	17.1617	16.1105	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	569.8513	656.5349	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	161.1962	129.2473	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.25 Put	250	376.0662	315.8627	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.54 Call	250	225.0772	266.3164	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	21.6252	30.3863	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	8.8034	14.1828	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.20 Put	1,630	68.4549	52.7469	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.00 Call	1,630	561.0844	629.6955	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	52.8602	41.4404	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	256.3253	214.8366	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	640.2581	711.2731	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.25 Put	250	478.4240	417.1990	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.67 Call	250	339.8335	379.0349	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	76.0518	85.9227	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	49.5619	55.9935	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	11.0284	10.5010	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	292.4538	248.2762	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	66.6184	74.8507	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	3.2711	3.2990	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	10.3152	10.2109	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	1180.1646	1279.7312	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.72 Call	5,000	389.0889	429.8151	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.74 Call	5,000	383.3151	423.4380	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Call	5,000	342.8415	378.6447	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Put	15,000	944.8415	862.5447	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.84 Call	10,000	365.0656	402.7247	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.62 Call	20,400	445.5675	490.4703	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	88.3206	74.1253	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	318.4032	275.8085	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	686.4472	751.3817	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.25 Put	250	544.4808	485.2772	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.82 Call	250	410.9139	450.5949	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	121.2196	133.3615	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	17.31 Call	500	86.5825	92.9333	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	273.4281	239.3690	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.86 Put	7,500	362.1816	317.5711	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.08 Call	7,500	378.2995	412.4223	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	259.9650	283.2587	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	153.1166	131.8029	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	178.5633	154.5088	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.66 Call	1,000	529.0854	575.2284	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.75 Call	1,000	500.4373	544.0552	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.00 Put	500	118.4998	103.8614	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	364.3884	320.4764	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.22 Call	500	727.9494	788.5681	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.25 Put	250	592.1462	533.0940	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.96 Put	250	1055.2009	975.6717	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	156.9330	169.9744	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	120.2324	125.9294	0.0000	0.0000	0	0.00
Jan 2019	DAUS	12.66 Put	263	86.0735	77.0015	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.00 Put	500	148.8785	132.8020	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.25 Put	250	634.5800	576.7183	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.38 Call	500	760.7345	818.1672	0.0000	0.0000	0	0.00
Jan 2019	DAUS	15.13 Call	250	512.8398	550.9191	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.00 Put	500	174.9732	155.8287	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.25 Put	250	667.5669	610.3079	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.52 Call	500	790.2138	845.2185	0.0000	0.0000	0	0.00
Feb 2019	DAUS	15.27 Call	250	552.1731	589.6498	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	196.3530	176.8276	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	696.0373	640.4345	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	815.9952	870.9591	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	585.9539	624.2122	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	216.0032	193.7238	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	1479.3312	1569.7400	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	722.0208	667.4112	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	839.7752	894.2871	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	617.8133	657.0580	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	234.5355	210.3817	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	745.7159	693.0115	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	861.7356	916.2091	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	646.8860	686.7877	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	247.3797	222.0611	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	250	764.7400	713.2561	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	879.4862	934.0579	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.96 Call	250	670.6315	711.2633	0.0000	0.0000	0	0.00

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Jul 2019	DAUS	13.45 Put	39,250	403.8491	375.6927	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.44 Call	39,250	582.0833	618.5727	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	259.9124	236.4280	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	14.25 Put	250	784.9441	734.8504	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	905.3223	960.4334	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.14 Call	250	701.2989	743.0737	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.48 Put	3,950	922.8706	869.1454	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.35 Call	3,950	683.5943	724.3354	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	266.6531	244.7620	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.25 Put	250	802.4049	753.7049	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	922.2232	977.3715	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.33 Call	250	724.0638	766.6150	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	276.7968	249.2716	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.25 Put	250	823.1247	772.1072	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	956.4722	1009.5319	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.50 Call	250	760.4784	802.4866	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	292.1037	262.7037	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.25 Put	250	843.6351	792.5585	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	982.6971	1033.5207	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	16.70 Call	250	790.9181	831.7059	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	310.5490	274.5532	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.25 Put	250	860.9644	808.8016	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	1011.2818	1060.5496	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.87 Call	250	821.8329	861.3463	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	330.1175	292.0049	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.25 Put	250	880.1171	824.7453	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	1040.1835	1088.2155	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.05 Call	250	855.4547	893.9838	0.0000	0.0000	0	0.00		
			<u>451,310</u>					<u>0.00</u>	<u>0.00</u>	<u>19 972 227.00</u>	<u>0.00</u>
Total			570,192					232.00	3,336,288.00	30 534 488.00	128 917 179 096.60
Option											
Sep 2018	DAYJ	8.26 Call	25,000	71.9458	86.1468	0.0000	0.0000	0	0.00		
			<u>25,000</u>					<u>0.00</u>	<u>0.00</u>	<u>50 000.00</u>	<u>0.00</u>
Total			25,000					0.00	0.00	50 000.00	0.00
Future											
Sep 2018	EUUS	Future	7,138	1.1682	1.1640	1.1680	1.1647	4,349	50,862,524.00		
			<u>7,138</u>					<u>4,349.00</u>	<u>50,862,524.00</u>	<u>736 857.00</u>	<u>8 356 828 151.00</u>
Total			7,138					4,349.00	50,862,524.00	736 857.00	8 356 828 151.00

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Sep 2018	GBUS	Future	25	1.2896	1.2868	0.0000	0.0000	0	0.00		
			25					0.00	0.00	167 364.00	2 153 117 002.00
		Total	25					0.00	0.00	167 364.00	2 153 117 002.00
Future											
Sep 2018	ZAAD	Future	11,333	10.4092	10.4813	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	11,820	10.5381	10.6084	0.0000	0.0000	0	0.00		
Mar 2019	ZAAD	Future	510	10.6771	10.7481	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	10.8118	10.8846	0.0000	0.0000	0	0.00		
			28,592					0.00	0.00	3 689 269.00	32 047 051 493.50
		Total	28,592					0.00	0.00	3 721 646.00	32 047 051 493.50
Future											
Dec 2018	ZACA	Future	590	11.0718	11.1105	0.0000	0.0000	0	0.00		
			590					0.00	0.00	137 633.00	1 354 820 552.10
		Total	590					0.00	0.00	137 633.00	1 354 820 552.10
Future											
Sep 2018	ZADK	Future	245	2.2290	2.2398	0.0000	0.0000	0	0.00		
Dec 2018	ZADK	Future	235	2.2734	2.2839	0.0000	0.0000	0	0.00		
			480					0.00	0.00	12 085.00	259 978 669.00
		Total	480					0.00	0.00	12 085.00	259 978 669.00
Future											
Sep 2018	ZAEU	Future	97,871	16.5559	16.6349	16.7057	16.5908	6	99,845.80		
Dec 2018	ZAEU	Future	37,775	16.8697	16.9466	0.0000	0.0000	1,000	17,033,800.00		
Mar 2019	ZAEU	Future	4,716	17.2168	17.2964	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	17.5496	17.6315	0.0000	0.0000	0	0.00		
			145,618					1,006.00	17,133,645.80	15 232 610.00	217 890 174 352.20
Option											
Sep 2018	ZAEU	13.50 Put	29,734	0.1479	0.1787	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	57,090	1.2112	1.2809	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	50.2750	45.5031	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	223.6878	262.8484	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	2.7296	3.7035	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	16.00 Call	650	1562.1242	1622.6248	0.0000	0.0000	0	0.00		
			290,856					0.00	0.00	8 025 012.00	0.00
		Total	436,474					1,006.00	17,133,645.80	23 257 622.00	217 890 174 352.20
Future											
Sep 2018	ZAFR	Future	1,975	14.4746	14.5649	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Dec 2018	ZAFR	Future	770	14.7632	14.8519	0.0000	0.0000	0	0.00		
Jun 2019	ZAFR	Future	150	15.3915	15.4851	0.0000	0.0000	0	0.00		
			<u>2,895</u>					<i>0.00</i>	<i>0.00</i>	<i>616 745.00</i>	<i>6 609 022 930.80</i>
		Total	2,895					0.00	0.00	616 745.00	6 609 022 930.80
Future											
Sep 2018	ZAGB	Future	198,020	18.2757	18.3908	0.0000	0.0000	0	0.00		
Dec 2018	ZAGB	Future	205,078	18.5666	18.6786	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	Future	4,932	18.8839	18.9978	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	Future	6,156	19.1854	19.3018	0.0000	0.0000	0	0.00		
Sep 2019	ZAGB	Future	4,645	19.5180	19.6397	0.0000	0.0000	0	0.00		
			<u>418,831</u>					<i>0.00</i>	<i>0.00</i>	<i>12 176 100.00</i>	<i>205 452 489 896.60</i>
Option											
Mar 2019	ZAGB	18.00 Put	500	568.8422	541.1907	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	21.44 Call	500	356.9282	383.4608	0.0000	0.0000	0	0.00		
			<u>1,000</u>					<i>0.00</i>	<i>0.00</i>	<i>1 775 113.00</i>	<i>0.00</i>
		Total	419,831					0.00	0.00	13 951 213.00	205 452 489 896.60
Future											
Sep 2018	ZAJY	Future	6,873	0.1278	0.1287	0.0000	0.0000	0	0.00		
			<u>6,873</u>					<i>0.00</i>	<i>0.00</i>	<i>1 001 040.00</i>	<i>11 183 195 529.30</i>
		Total	6,873					0.00	0.00	1 001 040.00	11 183 195 529.30
Future											
Sep 2018	ZAKS	Future	562	0.1402	0.1413	0.0000	0.0000	0	0.00		
Jun 2019	ZAKS	Future	1,628	0.1378	0.1401	0.0000	0.0000	0	0.00		
			<u>2,190</u>					<i>0.00</i>	<i>0.00</i>	<i>36 428.00</i>	<i>491 517 260.00</i>
		Total	2,190					0.00	0.00	36 428.00	491 517 260.00
Future											
Sep 2018	ZATR	Future	5,270	2.2832	2.3379	0.0000	0.0000	0	0.00		
			<u>5,270</u>					<i>0.00</i>	<i>0.00</i>	<i>341 969.00</i>	<i>1 134 767 971.00</i>
		Total	5,270					0.00	0.00	341 969.00	1 134 767 971.00
Future											
Sep 2018	ZAUM	Future	338	14.1716	14.2917	0.0000	0.0000	0	0.00		
Dec 2018	ZAUM	Future	75	14.3409	14.4592	0.0000	0.0000	4	5,798,800.00		
			<u>413</u>					<i>4.00</i>	<i>5,798,800.00</i>	<i>152 435.00</i>	<i>175 969 800 470.00</i>
		Total	413					4.00	5,798,800.00	156 958.00	175 969 800 470.00

<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	Future	502,933	14.1716	14.2917	14.3700	14.1800	25,749	367,734,542.20		
Dec 2018	ZAUS	Future	274,522	14.3409	14.4592	14.5201	14.3501	1,616	23,433,501.80		
Mar 2019	ZAUS	Future	8,595	14.5171	14.6375	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	Future	20,510	14.6838	14.8065	0.0000	0.0000	1,300	19,154,200.00		
Sep 2019	ZAUS	Future	10,138	14.8675	14.9943	0.0000	0.0000	0	0.00		
			<u>816,698</u>					<u>28,665.00</u>	<u>410,322,244.00</u>	<u>181 992 575.00</u>	<u>2 162 226 851 115.80</u>

Option

Sep 2018	ZAUS	11.48 Put	5,200	0.1450	0.1470	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	0.1542	0.1564	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	0.2099	0.2128	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	0.3322	0.3361	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	0.4501	0.4544	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	0.5236	0.5279	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	0.7076	0.7112	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1923.0896	2043.1817	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	1.4896	1.4817	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	1.7260	1.7126	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	2.1825	2.1560	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	1674.6949	1794.7349	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	44,000	3.0949	3.0349	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	3.8989	3.8030	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	4.2497	4.1366	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	4.7655	4.6254	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	1408.2348	1528.1463	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	1378.7113	1498.6988	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Put	500	7.1113	6.9988	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	7.9865	8.0213	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	7,500	1182.9488	1302.9022	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Put	70,000	11.3488	11.2022	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.10 Put	2,500	14.3813	14.0200	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	989.8585	1109.2684	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Put	4,500	18.2585	17.5684	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	10,000	19.1556	18.3815	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	942.1866	1061.3746	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	74,064	20.5866	19.6746	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	500	894.8209	1013.7389	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	500	712.5421	826.4660	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	631.1851	735.4366	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Put	4,000	59.5851	43.7366	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	592.4565	694.2073	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.66 Call	0	584.8756	686.1024	0.0000	0.0000	100	0.00
Sep 2018	ZAUS	14.00 Call	60,000	362.5607	442.3726	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	14.00 Put	22,000	190.9607	150.6726	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.20 Call	500	265.8105	330.4123	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.50 Call	500	165.9658	209.6785	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.70 Call	63,000	120.7087	154.5127	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Call	4,000	73.7066	97.7434	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Put	50	902.1066	806.0434	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	13.1876	19.6942	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	11.5642	17.3059	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	9.5878	14.3802	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	7.2434	10.8837	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	13.6716	13.0879	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	228,616	16.2554	15.4376	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	20.5014	19.2725	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	23.8712	22.2974	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	24.6029	22.9526	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	27.7385	25.7545	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	32.1664	29.6970	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	34.6133	31.8686	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	41.7811	38.2149	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	228,616	1890.4564	2004.2743	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	49.5564	45.0743	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	59.4241	53.7537	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	63.6649	57.4759	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	70.0529	63.0805	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.95 Put	500	94.0551	81.9048	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	1443.9315	1546.5361	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	146,370	103.0315	87.3361	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.05 Put	1,500	112.6014	95.6845	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	122.7856	104.6330	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	1285.9526	1383.4969	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	149.8168	128.5228	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	1248.0643	1344.2446	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	17,800	157.1643	135.0446	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.32 Put	13,650	175.2508	151.1553	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.33 Put	135,000	177.9431	153.5584	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Call	500	1103.3304	1193.6746	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	212.4304	184.4746	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	228,616	1068.8992	1157.7016	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	30,500	227.9992	198.5016	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.60 Put	66,000	261.2958	228.6292	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	298.9968	261.5707	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.71 Put	30	303.0813	265.0198	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	13.75 Put	700	319.7395	279.1108	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	893.4607	969.9996	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	336.8987	294.7634	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	882.1651	957.9609	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Put	400	341.2651	298.7609	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	801.3720	871.5837	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	20,400	775.9538	844.3142	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Put	34,500	435.0538	385.1142	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.10 Put	1,867	486.4297	432.8190	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.12 Put	4,372	497.0522	442.7118	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	713.3046	776.9019	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.15 Put	236,970	513.1977	457.7723	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.16 Put	36,200	518.6350	462.8493	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Call	1,000	681.5702	742.6472	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Put	13,650	540.6702	483.4472	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.24 Put	24,570	563.1478	504.5000	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.25 Call	1,000	659.7372	719.0328	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.25 Put	700	568.8372	509.8328	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	626.2012	682.7004	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Put	31,047	615.3012	553.5004	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Call	500	618.0817	673.8927	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Put	4,428	627.1817	564.6927	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.38 Call	30	606.2480	660.8785	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	583.2709	635.5723	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Call	700	561.1888	611.5329	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Put	1,000	720.2888	652.3329	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	84,900	526.2997	573.5889	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Put	500	785.3997	714.3889	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	522.9391	569.9290	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	519.6012	566.2931	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Call	5,000	503.2449	548.4727	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Put	3,000	832.3449	759.2727	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	493.6943	538.0589	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	478.2084	521.1624	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Call	400	463.2461	504.8231	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Put	135,000	922.3461	845.6231	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	451.6422	492.1400	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	10,100	408.3256	444.7297	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	405.7762	441.9348	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	386.0186	420.2582	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.10 Call	500	383.6283	417.6314	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	371.9234	404.7700	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	15.20 Put	50	1219.7243	1133.2818	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.37 Call	4,372	325.0615	353.7712	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.46 Call	1,867	307.8987	335.0719	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	304.2297	331.0749	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	4,500	300.6151	327.1337	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.51 Call	24,570	298.8269	325.1838	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.59 Call	31,047	284.9637	310.0721	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.61 Call	4,428	281.6177	306.4246	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	267.1399	290.6318	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.73 Call	135,000	262.5170	285.5860	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.85 Call	20,300	244.3914	266.4364	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.91 Call	121,970	235.4981	257.3219	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	50	222.8357	243.4796	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.14 Call	10,000	204.6474	223.5882	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.56 Call	13,650	159.5826	174.2400	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	8.1313	8.2937	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	23.3134	20.3942	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	89.1376	79.0487	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.51 Put	720	94.8599	84.1984	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.90 Put	16,000	165.3619	148.1061	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.00 Put	14,028	188.0928	168.8637	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	323.8712	292.4610	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	434.4307	395.1853	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	483.3536	439.0946	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.90 Put	720	502.4335	455.7384	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Put	16,000	551.7996	502.1868	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.28 Put	7,028	702.1343	644.5557	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	500	930.6291	992.8940	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.44 Put	7,000	795.6167	733.6595	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	856.9010	914.2769	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	850.2949	786.1261	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	1035.6678	965.0664	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	687.5239	734.1431	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	625.5080	667.6402	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	553.1457	589.5333	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	550.7603	586.9738	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	532.1162	566.9505	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.89 Call	4,145	459.2216	488.5577	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.60 Call	50	339.4113	362.0242	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.08 Call	7,028	279.4713	297.7292	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.09 Call	7,000	278.3704	296.5492	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.50 Call	16,000	240.2443	252.8996	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 2019	ZAUS	10.69 Put	1,000	19.9140	20.6806	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	79.7279	70.2682	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.75 Put	1,000	171.3323	154.4606	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.98 Put	911	233.6890	212.5944	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.24 Put	30,000	318.7606	292.5885	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.83 Put	25,000	543.3535	505.4079	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.88 Put	6,250	565.5324	526.3642	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	13.98 Call	1,000	1316.1388	1396.2093	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.42 Call	30	1115.7228	1183.2585	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.58 Call	1,000	1051.7050	1115.7397	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.82 Call	30,000	962.2330	1022.4596	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.55 Call	25,000	737.3518	782.7848	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.62 Call	6,250	719.4602	763.7102	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.80 Call	1,000	675.9313	717.2554	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.92 Call	911	648.7905	688.2576	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	10.75 Put	1,000	28.2995	30.0108	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	12.50 Put	1,000	128.4428	111.6267	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	13.97 Put	800	671.0405	631.0800	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.55 Call	30,000	957.1306	1012.3082	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	870.6048	920.3122	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.23 Call	800	596.9313	631.0317	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	11.89 Put	1,000	78.0241	71.5613	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.66 Put	1,000	585.4959	542.8375	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.38 Call	1,000	758.9584	793.6992	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	478.5272	511.6919	0.0000	0.0000	0	0.00		
			<u>4,001,245</u>					<u>100.00</u>	<u>0.00</u>	<u>53 715 685.00</u>	<u>0.00</u>
Total			4,817,943					28,765.00	410,322,244.00	235 708 260.00	2 162 226 851 115.80
Grand Total			6,473,757					34,356.00	487 453 501.80	321,999,918	3,009,626,725,089.32