



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 02-January-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jan 2018	DAAD	Future	5	9.7130	9.6221	0.0000	0.0000	0	0.00
Feb 2018	DAAD	Future	46	9.7757	9.6839	0.0000	0.0000	0	0.00
			<u>51</u>					<u>0.00</u>	<u>0.00</u>
		Total	51					0.00	0.00
									77 060.00 730 229 419.30
									146 060.00 730 229 419.30
Future									
Jan 2018	DAEU	Future	151,647	15.0089	14.8220	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	44	15.0558	14.8682	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	15.1435	14.9546	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	15.1886	14.9991	0.0000	0.0000	0	0.00
			<u>151,757</u>					<u>0.00</u>	<u>0.00</u>
									745 539.00 11 134 791 368.20
Option									
Jan 2018	DAEU	14.00 Call	0	1020.0219	0.0000	0.0000	0.0000	2,964	0.00
Jan 2018	DAEU	15.80 Put	193,000	830.8360	1012.6691	0.0000	0.0000	0	0.00
Jan 2018	DAEU	16.50 Call	15,150	8.1808	8.5477	0.0000	0.0000	2,558	0.00
Feb 2018	DAEU	16.41 Put	1,647	1360.1483	1543.4709	0.0000	0.0000	0	0.00
			<u>209,797</u>					<u>5,522.00</u>	<u>0.00</u>
		Total	361,554					5,522.00	0.00
									946 787.00 11 134 791 368.20
									1 692 326.00 11 134 791 368.20
Future									
Jan 2018	DAGB	Future	10	16.8794	16.6904	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	17	16.9673	16.7770	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	17.0103	16.8196	0.0000	0.0000	0	0.00
			<u>65</u>					<u>0.00</u>	<u>0.00</u>
		Total	65					0.00	0.00
									53 575.00 878 926 331.50
									260 888.00 878 926 331.50
Future									
Jan 2018	DAUS	Future	195	12.3993	12.2971	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	220	12.4069	12.3066	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	1,126	12.4088	12.3086	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>
Jan 2018	DAUS	Future	241	12.4126	12.3123	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	649	12.4183	12.3178	0.0000	0.0000	150	1,845,960.00
Jan 2018	DAUS	Future	500	12.4202	12.3197	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	12.4239	12.3234	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	70	12.4371	12.3364	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	144,845	12.4484	12.3476	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	12.4724	12.3714	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	10	12.4761	12.3750	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	1,000	12.4999	12.3985	0.0000	0.0000	0	0.00
Mar 2018	DAUS	Future	5,397	12.5270	12.4255	0.0000	0.0000	0	0.00
Mar 2018	DAUS	Future	1,199	12.5521	12.4506	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	12.5984	12.4972	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	110	12.6091	12.5079	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.6287	12.5276	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.6643	12.5634	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	445	12.7159	12.6153	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.7212	12.6207	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.7529	12.6524	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,500	12.7600	12.6594	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.7618	12.6612	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,853	12.7723	12.6718	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.7952	12.6947	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,336	12.8269	12.7264	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	12.8762	12.7757	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.9233	12.8225	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.9302	12.8294	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.9563	12.8553	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	13.1201	13.0190	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	14.1588	14.0588	0.0000	0.0000	0	0.00
			<u>249,098</u>					<u>150.00</u>	<u>1,845,960.00</u>
									<u>7 390 547.00</u>
									<u>89 926 215 582.40</u>
Option									
Jan 2018	DAUS	13.25 Put	20,000	846.3525	948.4075	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	795.2954	897.3686	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	0.0177	0.0607	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	0.0136	0.0800	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.39 Put	277	113.2509	190.2813	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.46 Call	277	108.9255	94.0369	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.72 Put	427	338.4609	440.1793	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.83 Call	427	22.0290	25.3598	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.50 Put	238	1083.7271	1185.7133	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.75 Call	238	0.9334	1.9062	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.12 Call	50,000	0.2149	0.8658	0.0000	0.0000	0	0.00

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Jan 2018	DAUS	13.90 Put	20,000	1477.0752	1578.7127	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.25 Put	440	105.1009	163.4848	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.36 Call	440	240.5962	207.7145	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.80 Put	25,000	438.8880	531.8525	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.16 Put	19,500	746.5833	844.1820	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	828.5764	926.9639	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	2,883	847.0444	945.5783	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	874.8984	973.6332	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	968.9046	1068.1826	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Call	42,000	4.4271	4.6055	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.00 Call	23,300	3.5844	3.7971	0.0000	0.0000	2,964	0.00
Jan 2018	DAUS	14.25 Call	29,000	2.1819	2.4133	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	274.3439	357.3851	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	641.4970	737.5017	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	737.7846	835.5391	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	0.6636	1.0823	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	0.6149	1.1155	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	0.5894	1.1622	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	0.5839	1.1810	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.20 Put	35,000	784.1225	881.7495	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	1350.2525	1451.5492	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.16 Put	1,880	750.3091	847.0092	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	1407.3976	1508.5495	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	1.3475	1.8710	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	1296.8009	1397.5025	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1442.1851	1543.1877	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	1731.6052	1832.6503	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	34.6041	32.4780	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	1697.7628	1798.7229	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	968.0996	1064.3673	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2431.8684	2532.4696	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	16.0268	15.2341	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1316.3203	1411.6179	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	28.6812	27.9979	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	19.8045	18.7475	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	499.8150	576.5711	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1367.0469	1461.5859	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	23.9175	22.1562	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	509.3202	585.5956	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	1940.4570	2039.0441	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	22.8505	20.9911	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1310.7517	1404.5170	0.0000	0.0000	0	0.00

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May 2018	DAUS	15.43 Call	500	40.8613	37.3021	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	25.6204	21.8637	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	1306.7858	1398.7421	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	50.9215	52.3253	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	31.7009	36.0861	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.19 Put	1,500	1631.1861	1723.8919	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	1856.6101	1951.1373	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.72 Call	1,500	69.4337	69.2376	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	60.0789	60.7253	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1303.4699	1394.8434	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	71.6387	71.2887	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	53.5673	54.4437	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	335.5988	393.6763	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1351.6629	1443.3495	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	63.0502	63.1156	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1300.5741	1390.5856	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	89.1263	85.9931	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	71.0955	68.0576	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1297.4850	1386.8107	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	104.0518	99.9222	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	81.9715	76.7003	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1294.2057	1382.8589	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	118.5807	116.3877	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	93.2285	86.9041	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	222.6017	266.3989	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1339.7007	1428.8374	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	109.3698	103.3974	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1291.4060	1379.4168	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	132.5874	128.6174	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	96.7234	89.2570	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1178.7740	1264.8909	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	199.9598	195.9276	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1287.6503	1375.1411	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	146.2416	138.2257	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	100.6004	94.3439	0.0000	0.0000	0	0.00		
			<u>925,541</u>					<u>2,964.00</u>	<u>0.00</u>	<u>16 453 205.00</u>	<u>0.00</u>
		Total	1,174,639					3,114.00	1,845,960.00	23 843 752.00	89 926 215 582.40
Future											
Mar 2018	EUUS	Future	15	1.2092	1.2039	0.0000	0.0000	0	0.00		
			<u>15</u>					<u>0.00</u>	<u>0.00</u>	<u>649 125.00</u>	<u>7 293 499 720.00</u>

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Total			15					0.00	0.00	649 125.00	7 293 499 720.00
Future											
Mar 2018	ZAAD	Future	17,854	9.8021	9.7100	9.7500	9.7500	6	58,500.00		
Jun 2018	ZAAD	Future	5,012	9.9277	9.8358	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	10,812	10.1739	10.0802	0.0000	0.0000	0	0.00		
			<u>33,678</u>					<u>6.00</u>	<u>58,500.00</u>	<u>3 516 763.00</u>	<u>30 381 314 061.40</u>
Total			33,678					6.00	58,500.00	3 549 140.00	30 381 314 061.40
Future											
Mar 2018	ZACA	Future	250	10.0066	9.9233	0.0000	0.0000	0	0.00		
			<u>250</u>					<u>0.00</u>	<u>0.00</u>	<u>124 903.00</u>	<u>1 229 432 717.10</u>
Total			250					0.00	0.00	124 903.00	1 229 432 717.10
Future											
Mar 2018	ZAEU	Future	94,257	15.1564	14.9673	15.1600	15.0477	628	9,488,179.40		
Jun 2018	ZAEU	Future	6,965	15.4451	15.2543	0.0000	0.0000	120	1,847,580.00		
Sep 2018	ZAEU	Future	5,417	15.7406	15.5466	0.0000	0.0000	0	0.00		
Dec 2018	ZAEU	Future	2,926	16.0321	15.8352	0.0000	0.0000	0	0.00		
			<u>109,565</u>					<u>748.00</u>	<u>11,335,759.40</u>	<u>13 572 702.00</u>	<u>192 607 380 925.10</u>
Option											
Mar 2018	ZAEU	13.00 Put	0	6.8843	0.0000	0.0000	0.0000	6,282	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	318.4724	438.0519	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	18,643	344.4509	469.0925	0.0000	0.0000	4,609	0.00		
Mar 2018	ZAEU	16.50 Call	643	76.5969	68.5485	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	41.3999	37.6744	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.00 Put	0	22.6758	0.0000	0.0000	0.0000	3,141	0.00		
Jun 2018	ZAEU	13.75 Put	50,995	42.7244	62.3329	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	57.9590	97.4766	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,995	467.0679	584.5497	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	1274.4957	1443.8397	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	58.8644	57.9633	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	50,995	16.4225	13.6791	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	161,971	145.2545	196.7013	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	124,767	799.9013	938.9351	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.00 Put	37,204	894.8754	1039.8307	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	124,767	117.4066	122.8371	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	21.63 Call	37,204	46.0505	44.9584	0.0000	0.0000	0	0.00		
			<u>685,452</u>					<u>14,032.00</u>	<u>0.00</u>	<u>6 847 461.00</u>	<u>0.00</u>
Total			795,017					14,780.00	11,335,759.40	20 420 163.00	192 607 380 925.10
Future											

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Mar 2018	ZAFR	Future	1,215	12.9527	12.8120	0.0000	0.0000	0	0.00
			<u>1,215</u>					0.00	0.00
		Total	1,215					0.00	0.00
									605 450.00
									6 457 755 273.50
									605 450.00
									6 457 755 273.50
Future									
Mar 2018	ZAGB	Future	205,657	17.0228	16.8319	0.0000	0.0000	23,584	398,359,702.40
Jun 2018	ZAGB	Future	7,360	17.3005	17.1082	0.0000	0.0000	0	0.00
Sep 2018	ZAGB	Future	4,164	17.5809	17.3870	0.0000	0.0000	0	0.00
Dec 2018	ZAGB	Future	886	17.8544	17.6567	0.0000	0.0000	0	0.00
			<u>218,067</u>					23,584.00	398,359,702.40
									9 764 931.00
									163 419 819 844.90
Option									
Mar 2018	ZAGB	17.00 Put	500	461.9207	590.6947	0.0000	0.0000	0	0.00
Mar 2018	ZAGB	19.00 Call	1,500	63.1618	58.3373	0.0000	0.0000	0	0.00
Mar 2018	ZAGB	20.14 Call	500	18.8438	19.0270	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	17.50 Put	500	845.9187	982.3737	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	104.1300	98.8718	0.0000	0.0000	0	0.00
			<u>3,500</u>					0.00	0.00
		Total	221,567					23,584.00	398,359,702.40
									11 539 044.00
									163 419 819 844.90
Future									
Mar 2018	ZAJY	Future	115	0.1121	0.1109	0.0000	0.0000	0	0.00
			<u>115</u>					0.00	0.00
		Total	115					0.00	0.00
									953 460.00
									10 625 024 617.80
									953 460.00
									10 625 024 617.80
Future									
Jun 2018	ZAKS	Future	1,145	0.1192	0.1179	0.0000	0.0000	0	0.00
Sep 2018	ZAKS	Future	562	0.1188	0.1171	0.0000	0.0000	0	0.00
			<u>1,707</u>					0.00	0.00
		Total	1,707					0.00	0.00
									31 923.00
									432 652 210.00
									31 923.00
									432 652 210.00
Future									
Mar 2018	ZATR	Future	433	3.2569	3.2280	0.0000	0.0000	0	0.00
			<u>433</u>					0.00	0.00
		Total	433					0.00	0.00
									238 189.00
									860 554 603.00
									238 189.00
									860 554 603.00
Future									
Mar 2018	ZAUM	Future	509	12.5342	12.4327	0.0000	0.0000	50	62,975,000.00
Jun 2018	ZAUM	Future	50	12.6963	12.5956	0.0000	0.0000	50	62,962,500.00
			<u>559</u>					100.00	125,937,500.00
		Total	559					100.00	125,937,500.00
									145 822.00
									167 689 295 640.00
									150 345.00
									167 689 295 640.00

<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>	
Future										
Mar 2018	ZAUS	Future	1,033,005	12.5342	12.4327	12.5389	12.4180	20,362	254,421,693.50	
Jun 2018	ZAUS	Future	173,975	12.6963	12.5956	0.0000	0.0000	75	947,250.00	
Sep 2018	ZAUS	Future	4,662	12.8569	12.7563	12.8368	12.8368	923	11,780,269.40	
Dec 2018	ZAUS	Future	11,000	13.0101	12.9088	0.0000	0.0000	0	0.00	
			<u>1,222,642</u>					<u>21,360.00</u>	<u>267,149,212.90</u>	<u>163 624 766.00</u> <u>1 926 851 318 988.50</u>
Option										
Mar 2018	ZAUS	12.00 Put	228,000	103.7993	144.2862	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.13 Put	5,460	144.6118	193.0819	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.25 Put	3,750	190.1644	245.8539	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.36 Put	20,880	238.6345	300.6320	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.40 Put	2,500	257.8349	322.0293	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.50 Put	25,750	309.4300	379.7107	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.57 Put	3,000	348.9119	423.4001	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.70 Call	11,000	264.4029	242.6838	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.70 Put	2,000	430.2029	509.9838	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.75 Call	100	247.6444	227.7364	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.82 Put	10,323	511.6873	595.6134	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.94 Put	5,000	598.6617	686.0759	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.95 Call	13,200	190.3372	176.5132	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.00 Put	100,016	643.9999	732.9316	0.0000	0.0000	4,141	0.00	
Mar 2018	ZAUS	13.20 Call	1,000	137.0369	127.6451	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.20 Put	1,073	802.8369	894.9451	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.21 Put	5,460	810.9944	903.2807	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.22 Put	15,000	819.1750	911.6383	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.25 Put	45,478	843.8653	936.8424	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.32 Put	7,500	902.2918	996.3714	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.35 Call	2,000	111.8629	104.8761	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.38 Put	2,500	953.2241	1048.1489	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.40 Put	7,500	970.3648	1065.5524	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.50 Call	35,000	91.4086	86.2783	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.50 Put	17,750	1057.2086	1153.5783	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.52 Put	7,200	1074.7904	1171.3721	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.60 Put	200,389	1145.7700	1243.1262	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.66 Call	10,000	73.8407	70.2069	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.70 Call	25,150	70.0335	66.7077	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.74 Put	20,880	1272.2350	1370.1784	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.76 Call	4,000	64.7099	61.0429	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.79 Call	2,000	62.2118	58.3861	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.84 Put	1,000	1363.5576	1461.5040	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.91 Put	7,000	1427.6711	1526.1309	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.93 Call	100	50.2986	47.3925	0.0000	0.0000	0	0.00	

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Mar 2018	ZAUS	13.93 Put	10,323	1446.0986	1544.6925	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1464.5721	1563.2962	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1492.3654	1591.2756	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	45.1487	42.6764	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	43.7727	41.4148	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	1557.5868	1656.8907	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	40.5105	38.4192	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	37.4856	35.6353	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	1661.0259	1760.8523	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	1679.9458	1779.8558	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	33.0991	31.5893	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	1717.8838	1817.9504	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	23.4777	22.6599	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	22.7549	21.9851	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	22.4016	21.6555	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	1976.8433	2077.6854	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	20.7165	20.0793	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	1986.5165	2087.3793	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	2005.8785	2106.7820	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	19.4602	18.9019	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	18.5681	18.0645	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	17.7169	17.2644	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	14.0144	13.7697	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	11.8054	11.6702	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	11.0925	10.9903	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	10.9211	10.8269	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	10.2628	10.1974	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	9.4963	9.9234	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	8.5032	9.3749	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	7.8741	8.7306	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	7.1888	8.0238	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	7.0694	7.9004	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	6.8732	7.6965	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	6.5700	7.3810	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	5.9482	6.7302	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	5.7002	6.4693	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	31.1927	38.7912	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	63.0828	89.6752	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	20,000	181.4321	225.7959	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	223.2090	272.9332	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	84,749	274.8325	329.8980	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	296.3579	353.4160	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	12.40 Put	12,603	342.1578	403.0812	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	391.5563	456.1578	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	530.6810	604.6042	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	664.8548	744.3723	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	30,358	691.8467	772.3115	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	726.1916	807.7968	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	811.2252	895.3437	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	833.0342	917.7343	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	847.6869	932.7662	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	907.2081	993.7026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1030.4022	1119.2670	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1046.1598	1135.2890	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1061.9917	1151.3764	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1174.7997	1265.8190	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	84,749	1265.6814	1357.8123	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1307.5943	1400.1818	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1316.0175	1408.6957	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1332.9083	1425.7595	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1341.3756	1434.3118	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1392.4556	1485.2135	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	6,130	1477.8645	1570.8498	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1563.8064	1657.6814	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1694.9255	1789.9630	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	112.0616	108.1100	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	96.8128	93.7018	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	89.3380	86.6236	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	76.8424	74.7613	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	70.5115	68.5597	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	68.8900	66.5048	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	64.7645	61.2993	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	59.7221	56.4739	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	51.2393	49.3810	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	47.1217	45.9154	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	45.4478	44.5012	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	32.9881	33.8486	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	20.4671	22.7715	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	15.2268	17.9283	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	14.6149	17.3350	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	13.0900	15.7668	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	12.5838	15.2136	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	10.6435	13.0190	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	84,749	7.4731	9.3729	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	17.00 Call	3,500	6.7197	8.4925	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	17.21 Call	500	5.0682	6.5375	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	17.28 Call	5,630	4.6088	5.9864	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	17.38 Call	7,028	4.0205	5.2749	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.00 Put	750	52.5234	64.5249	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.75 Put	73,314	158.4857	197.0951	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.61 Put	5,300	496.2582	563.3143	0.0000	0.0000	10,600	0.00	
Sep 2018	ZAUS	12.65 Put	1,550	517.6565	585.8318	0.0000	0.0000	3,100	0.00	
Sep 2018	ZAUS	12.85 Put	750	631.1847	704.7918	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.25 Put	73,314	889.1768	971.0203	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.36 Put	0	966.2996	1049.9893	0.0000	0.0000	4,358	0.00	
Sep 2018	ZAUS	13.65 Call	1,464	388.0150	375.4990	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	15.97 Call	5,300	106.0337	103.4377	0.0000	0.0000	5,300	0.00	
Sep 2018	ZAUS	16.04 Call	1,550	102.8611	100.2989	0.0000	0.0000	1,550	0.00	
Sep 2018	ZAUS	16.14 Call	750	98.5678	96.0486	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.29 Call	73,314	92.6108	90.1447	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	12.96 Put	23,443	721.4112	795.8903	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	17.24 Call	23,443	110.8164	102.4704	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	228.5739	224.2405	0.0000	0.0000	0	0.00	
			<u>2,696,751</u>					<u>29,049.00</u>	<u>0.00</u>	<u>43 083 127.00</u>
		Total	3,919,393					50,409.00	267,149,212.90	206 707 893.00
										1 926 851 318 988.50
		Grand Total	6,510,258					97,515.00	804 686 634.70	279,295,779
										2,654,621,023,743.40