



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-December-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jan 2018	DAAD	Future	5	10.2782	10.3443	0.0000	0.0000	0	0.00
Feb 2018	DAAD	Future	46	10.3453	10.4128	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
Future									
Dec 2017	DAEU	Future	3	15.9988	16.1515	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	16.0377	16.1931	0.0000	0.0000	0	0.00
Jan 2018	DAEU	Future	30	16.1732	16.3294	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	16.3207	16.4819	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	16.3716	16.5334	0.0000	0.0000	0	0.00
			<u>899</u>					<u>0.00</u>	<u>0.00</u>
									248 727.00
									3 589 786 759.20
Option									
Jan 2018	DAEU	15.80 Put	193,000	294.6643	232.8538	0.0000	0.0000	0	0.00
Feb 2018	DAEU	16.41 Put	114,748	638.8715	545.0760	0.0000	0.0000	0	0.00
			<u>307,748</u>					<u>0.00</u>	<u>0.00</u>
		Total	308,647					0.00	0.00
									632 539.00
									0.00
Future									
Dec 2017	DAGB	Future	10	18.2542	18.3693	0.0000	0.0000	0	0.00
Jan 2018	DAGB	Future	10	18.4232	18.5422	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	17	18.5210	18.6426	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	18.5688	18.6921	0.0000	0.0000	0	0.00
			<u>75</u>					<u>0.00</u>	<u>0.00</u>
		Total	75					0.00	0.00
									53 555.00
									878 571 162.50
Future									
Dec 2017	DAUS	Future	241	13.6062	13.6895	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,781	13.6082	13.6915	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	300	13.6161	13.6997	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 2017	DAUS	Future	221	13.6201	13.7039	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.6323	13.7167	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,000	13.6363	13.7210	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	677	13.6485	13.7338	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	220	13.6586	13.7444	0.0000	0.0000	20	275,938.00		
Jan 2018	DAUS	Future	500	13.6606	13.7465	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	13.6647	13.7508	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	574	13.6710	13.7570	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	500	13.6731	13.7591	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	13.6773	13.7633	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	70	13.6920	13.7780	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	2,430	13.7046	13.7906	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.7320	13.8179	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	10	13.7362	13.8223	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	1,000	13.7633	13.8509	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	3,716	13.7947	13.8838	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	1,199	13.8247	13.9139	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	13.8804	13.9699	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	110	13.8933	13.9829	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.9169	14.0066	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	13.9597	14.0497	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	445	14.0226	14.1130	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.0292	14.1196	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.0685	14.1591	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	14.0795	14.1701	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	14.0926	14.1833	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.1210	14.2119	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,336	14.1604	14.2515	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	14.2223	14.3137	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.2824	14.3741	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	14.2913	14.3831	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.3247	14.4166	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.5430	14.6329	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.9272	16.0020	0.0000	0.0000	0	0.00		
			<u>107,742</u>					<u>20.00</u>	<u>275,938.00</u>	<u>6 923 742.00</u>	<u>83 962 518 979.00</u>

Option

Dec 2017	DAUS	13.78 Call	5,000	72.5449	140.4949	0.0000	0.0000	5,000	0.00
Dec 2017	DAUS	13.50 Put	60	254.8796	213.5950	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	1.8282	2.1910	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.50 Call	150	88.2842	101.1516	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.80 Call	200	52.4311	60.6163	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.50 Put	20,000	25.8293	20.7261	0.0000	0.0000	0	0.00

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Jan 2018	DAUS	13.25 Put	20,000	178.0183	150.7677	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	162.9698	137.7271	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	77.0944	89.4129	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	64.2908	74.8263	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.12 Call	50,000	214.0711	240.7560	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Put	20,000	518.5086	465.4455	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.75 Put	18,000	428.7920	380.4624	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	215.4326	184.8672	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	222.7346	191.4886	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	233.9844	201.7091	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	274.0428	238.3140	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	55.0788	45.1951	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	149.6892	126.3556	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	182.9861	155.5896	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	74.2724	83.5888	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	49.3841	55.0073	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	33.8859	37.2270	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	29.8373	32.5974	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.20 Put	35,000	206.1627	176.5096	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	482.9751	431.5806	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.16 Put	1,880	196.0856	167.3934	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	522.1414	468.8686	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	107.0132	116.3691	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	461.6738	413.3231	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	550.8027	497.0519	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	756.0851	695.2045	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	90,000	752.2790	692.9665	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	316.9318	280.0503	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1395.0194	1327.2195	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	155.3364	168.6067	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	569.5109	525.4382	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	245.9797	265.4558	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	181.2747	196.4851	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	169.1207	150.2312	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	609.0960	564.3092	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	200.9483	217.6763	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	175.0300	155.7379	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	1018.3704	960.8632	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	191.8265	207.7143	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	592.2172	549.9748	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	273.2153	294.3624	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	203.6778	220.2326	0.0000	0.0000	0	0.00

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Jun 2018	DAUS	13.80 Put	1,000	612.1831	571.2615	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	297.0382	319.0170	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	225.4469	242.7434	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.19 Put	1,500	846.3748	798.9442	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	1010.6513	959.0163	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.72 Call	1,500	326.1656	349.2881	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	290.1319	310.8479	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	630.1110	590.4251	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	322.2854	344.4527	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	248.8419	266.3481	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	130.8065	116.5299	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	665.3679	624.3887	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	278.9485	298.2277	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	645.6490	606.9227	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	340.1280	362.5467	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	266.0256	283.8464	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	657.6860	620.0349	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	356.5900	378.7077	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	280.3522	298.0813	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	669.8821	632.6493	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	377.2313	399.1708	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	302.4927	319.8486	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	73.7138	67.1329	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	701.7912	663.6979	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	336.1105	355.3311	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	679.8090	643.5477	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	391.1262	412.6862	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	313.4295	328.6902	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	691.3792	656.8723	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	412.7759	434.7782	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	333.9073	349.9755	0.0000	0.0000	0	0.00		
			<u>1,017,878</u>					<u>5,000.00</u>	<u>0.00</u>	<u>15 461 526.00</u>	<u>0.00</u>
Total			1,125,620					5,020.00	275,938.00	22 385 268.00	83 962 518 979.00
Future											
Mar 2018	EUUS	Future	15	1.1834	1.1875	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>
Total			15					0.00	0.00	649 125.00	7 293 499 720.00
Future											
Dec 2017	ZAAD	Future	14,167	10.2364	10.3005	10.2985	10.2514	650	6,675,885.00		
Mar 2018	ZAAD	Future	656	10.3745	10.4432	0.0000	0.0000	0	0.00		

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Jun 2018	ZAAD	Future	5,012	10.5200	10.5895	0.0000	0.0000	0	0.00
Dec 2018	ZAAD	Future	10,812	10.8166	10.8895	0.0000	0.0000	0	0.00
			<u>30,647</u>					<u>650.00</u>	<u>6,675,885.00</u>
		Total	30,647					650.00	6,675,885.00
									3 460 336.00
									29 806 928 197.70
Future									
Dec 2017	ZACA	Future	950	10.5939	10.6556	10.6283	10.6283	100	1,062,830.00
Mar 2018	ZACA	Future	350	10.7576	10.8221	0.0000	0.0000	0	0.00
			<u>1,300</u>					<u>100.00</u>	<u>1,062,830.00</u>
		Total	1,300					100.00	1,062,830.00
									122 853.00
									1 207 965 907.10
Future									
Dec 2017	ZADK	Future	450	2.1584	2.1786	2.1550	2.1550	100	2,155,000.00
			<u>450</u>					<u>100.00</u>	<u>2,155,000.00</u>
		Total	450					100.00	2,155,000.00
									10 620.00
									228 890 309.00
Future									
Dec 2017	ZAEU	Future	103,332	16.0083	16.1612	16.1556	16.0154	817	13,105,640.90
Mar 2018	ZAEU	Future	39,932	16.3352	16.4966	16.3500	16.3448	15,002	245,953,674.00
Jun 2018	ZAEU	Future	1,065	16.6654	16.8301	0.0000	0.0000	19	316,999.80
Sep 2018	ZAEU	Future	5,142	17.0096	17.1777	0.0000	0.0000	0	0.00
Dec 2018	ZAEU	Future	1,928	17.3540	17.5230	0.0000	0.0000	0	0.00
			<u>151,399</u>					<u>15,838.00</u>	<u>259,376,314.70</u>
									12 893 069.00
									181 949 901 691.30
Option									
Dec 2017	ZAEU	14.00 Put	18,000	1.1530	1.0503	0.0000	0.0000	0	0.00
Dec 2017	ZAEU	16.39 Call	18,000	96.5473	165.4635	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	15.05 Put	5,648	135.8187	106.4908	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	15.10 Put	19,510	145.9438	114.8898	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	16.39 Put	174,600	640.0524	550.8090	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	16.50 Call	643	540.3556	606.1976	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	17.00 Call	620	372.3402	420.0511	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	54,507	46.6045	35.4446	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.97 Put	7,000	60.4794	47.0335	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	54,507	237.5407	198.5064	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.44 Put	7,000	693.7836	613.1395	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	7,000	293.7728	326.8150	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	54,507	111.5686	122.2750	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	41,516	92.7176	76.4991	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.00 Put	41,516	503.0079	446.9770	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	21.63 Call	41,516	197.4178	208.6250	0.0000	0.0000	0	0.00
			<u>546,090</u>					<u>0.00</u>	<u>0.00</u>
									6 003 698.00
									0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
Total			697,489					15,838.00	259,376,314.70	18 896 767.00	181 949 901 691.30	
Future												
	Dec 2017	ZAFR	Future	1,402	13.6963	13.8167	13.7294	13.6995	300	4,113,750.00		
				<u>1,402</u>					<u>300.00</u>	<u>4,113,750.00</u>	600 003.00	6 383 926 886.60
			Total	1,402					300.00	4,113,750.00	600 003.00	6 383 926 886.60
Future												
	Dec 2017	ZAGB	Future	210,752	18.2637	18.3790	18.5318	18.2437	735	13,497,353.00		
	Mar 2018	ZAGB	Future	32,925	18.5832	18.7066	18.9000	18.9000	19,865	371,784,330.00		
	Jun 2018	ZAGB	Future	4,422	18.9062	19.0315	0.0000	0.0000	0	0.00		
	Sep 2018	ZAGB	Future	3,576	19.2378	19.3645	0.0000	0.0000	0	0.00		
				<u>251,675</u>					<u>20,600.00</u>	<u>385,281,683.00</u>	9 300 901.00	155 009 987 453.20
Option												
	Dec 2017	ZAGB	18.20 Call	400	275.7585	368.1048	0.0000	0.0000	0	0.00		
	Dec 2017	ZAGB	19.80 Call	800	11.8944	19.8213	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	17.00 Put	500	176.3798	156.6370	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	19.00 Call	1,500	573.9124	623.6243	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	20.14 Call	500	274.5799	300.2176	0.0000	0.0000	0	0.00		
				<u>3,700</u>					<u>0.00</u>	<u>0.00</u>	1 773 113.00	0.00
			Total	255,375					20,600.00	385,281,683.00	11 074 014.00	155 009 987 453.20
Future												
	Dec 2017	ZAJY	Future	195	0.1202	0.1216	0.0000	0.0000	0	0.00		
				<u>195</u>					<u>0.00</u>	<u>0.00</u>	952 980.00	10 619 392 867.80
			Total	195					0.00	0.00	952 980.00	10 619 392 867.80
Future												
	Jun 2018	ZAKS	Future	1,145	0.1297	0.1322	0.0000	0.0000	0	0.00		
	Sep 2018	ZAKS	Future	562	0.1310	0.1315	0.0000	0.0000	0	0.00		
				<u>1,707</u>					<u>0.00</u>	<u>0.00</u>	31 923.00	432 652 210.00
			Total	1,707					0.00	0.00	31 923.00	432 652 210.00
Future												
	Mar 2018	ZATR	Future	433	3.4945	3.4871	0.0000	0.0000	0	0.00		
				<u>433</u>					<u>0.00</u>	<u>0.00</u>	238 089.00	860 198 353.00
			Total	433					0.00	0.00	238 089.00	860 198 353.00
Future												
	Dec 2017	ZAUM	Future	531	13.6141	13.6975	13.7352	13.6456	90	123,286,000.00		
	Mar 2018	ZAUM	Future	143	13.8033	13.8924	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jun 2018	ZAUM	Future	83	13.9986	14.0888	0.0000	0.0000	0	0.00	
			<u>757</u>					90.00	123,286,000.00	
		Total	757					90.00	123,286,000.00	
									149 795.00	
									166 955 313 160.00	
									166 955 313 160.00	
Future										
Dec 2017	ZAUS	Future	904,053	13.6141	13.6975	13.7592	13.5713	46,723	638,788,939.60	
Mar 2018	ZAUS	Future	223,061	13.8033	13.8924	13.9458	13.7692	18,164	251,454,583.90	
Jun 2018	ZAUS	Future	118,792	13.9986	14.0888	0.0000	0.0000	770	10,887,261.00	
Sep 2018	ZAUS	Future	3,287	14.1978	14.2891	0.0000	0.0000	0	0.00	
			<u>1,249,193</u>					65,657.00	901,130,784.50	
									159 861 279.00	
									1 876 666 855 197.00	
Option										
Dec 2017	ZAUS	11.75 Put	1,000	0.9953	0.9374	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.00 Put	20,141	2.2648	2.1130	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.16 Put	550	3.7898	3.5115	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.20 Put	4,000	4.3039	3.9805	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.21 Put	18,000	4.4425	4.1068	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.40 Put	114,600	6.4436	7.0183	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.50 Put	16,416	7.6681	8.6478	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.56 Put	7,100	8.5477	9.8264	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.65 Put	1,819	10.1251	11.9456	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.75 Put	10,000	12.3420	14.9191	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.76 Put	550	12.5964	15.2591	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.00 Put	11,000	26.9624	26.6734	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.10 Put	41,000	41.1020	40.1210	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.18 Put	16,000	56.0567	54.1758	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.20 Call	7,000	474.4628	555.6998	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.20 Put	6,728	60.3628	58.1998	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.21 Put	5,000	62.6055	60.2917	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.22 Put	7,100	64.9099	62.4388	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.25 Call	16,141	436.2960	516.7142	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.35 Put	52,000	100.7638	95.6126	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.40 Put	114,600	117.6599	111.1362	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.50 Call	11,116	271.0714	344.5964	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.52 Put	21,000	165.7368	155.0938	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.53 Put	3,700	170.2340	159.1949	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.56 Put	3,700	184.1803	171.9056	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.60 Call	4,000	217.9411	287.3115	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.64 Put	4,400	225.4722	208.8098	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.67 Put	640	242.4772	223.7738	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.76 Call	3,750	151.4742	210.4317	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.76 Put	3,000	297.3742	272.9317	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.80 Put	550	323.5578	296.6238	0.0000	0.0000	0	0.00	

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Dec 2017	ZAUS	13.90 Put	2,600	393.4468	360.1880	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,820	99.6638	147.9075	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	83.1517	127.0156	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	34,000	469.0517	429.5156	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.27 Put	40,000	695.5689	640.7188	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	1,000	28.7658	49.7281	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	8,000	22.8226	39.1901	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	908.7226	841.6901	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	17.0088	28.6481	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	9.5023	14.8232	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	7.7432	11.6004	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	6.2272	9.1640	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	3.0529	4.6100	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	2.5811	3.9205	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	1.3981	2.1681	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	0.1983	0.6940	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	0.1639	0.6436	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	0.0263	0.2557	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	40.6124	35.7425	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	66.2745	59.0483	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	69.9200	62.3717	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	84.4257	71.4580	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	95.8834	81.5376	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	146.3582	126.5190	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	176.3790	153.5952	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	104,866	192.8999	168.5816	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	264.6164	232.6778	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	275.8019	243.0622	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	327.6153	291.4079	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	336.0712	299.3282	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	40,000	683.5705	733.2822	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	380.2705	340.8822	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	427.6649	385.6626	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	581.5045	626.0387	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.72 Call	100	571.9868	616.0110	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.72 Put	100	488.6868	443.6110	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	499.2891	453.7116	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	553.3164	596.3370	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	539.6331	581.9066	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	554.7605	506.0730	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.89 Call	1,000	497.3884	535.7995	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.89 Put	1,000	584.0884	533.3995	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	13.91 Put	7,000	596.0241	544.6903	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	481.3753	518.6525	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	608.0753	556.2525	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	620.2410	567.9302	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	638.7019	585.6711	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	454.4491	490.0438	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	447.0100	482.1288	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	682.7525	628.0744	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	428.8828	462.8456	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	411.4242	444.2564	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	754.6272	697.4747	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	768.0323	710.4458	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	36	384.8382	415.9223	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Put	65,000	781.5382	723.5223	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	795.1440	736.7032	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.25 Call	4,167	369.0372	399.0649	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	314.3720	340.6499	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	311.7188	337.8084	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	988.0188	924.2777	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	490	298.7713	323.9504	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	995.4713	931.5504	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	1010.5121	946.1583	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	281.7634	305.4601	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	274.7690	297.8501	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	20,880	242.3147	262.7749	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	220.9950	239.6972	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	213.7238	231.8225	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	211.9451	229.8945	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	204.9787	222.3439	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	196.6014	213.2620	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	179.3938	194.5939	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	157.9824	171.8248	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	132.6753	144.5314	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	128.1290	139.5643	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	120.5486	131.2834	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	108.6071	118.2256	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	83.0923	90.3012	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	72.4597	78.6565	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	15.4017	13.6938	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	31.7549	27.0952	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	71.9975	63.1821	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	104,895	103.4877	91.8957	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	12.40 Put	12,603	126.9145	113.4353	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	199.2819	179.8202	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	256.7622	233.4797	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	0	1267.4487	1333.6108	0.0000	0.0000	4,400	0.00
Jun 2018	ZAUS	13.00 Put	30,358	268.8487	244.8108	0.0000	0.0000	4,400	0.00
Jun 2018	ZAUS	13.05 Put	1,250	284.4801	259.4823	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	324.3943	297.0605	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	342.0384	313.7138	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	2,050	371.5152	341.5921	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	439.1116	404.7025	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	448.0213	413.2018	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	522.8955	484.8260	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	104,895	578.0470	537.7739	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	604.0836	562.8237	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	609.3619	567.9024	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	619.9899	578.1402	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	625.3434	583.2951	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	657.9387	614.7265	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	6,130	714.1165	668.9927	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	773.2705	725.9051	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	866.0737	815.9563	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	520.1184	555.4101	0.0000	0.0000	2,200	0.00
Jun 2018	ZAUS	14.71 Call	50	467.0863	499.4810	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	440.6177	471.2541	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	370.3108	396.8232	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	363.9725	390.1019	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	308.1276	331.1832	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	290.1005	312.2266	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	248.1816	267.5152	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	199.2352	215.1596	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	175.1403	189.3285	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	172.1082	186.0741	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	164.2996	177.6940	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	161.4726	174.6574	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	149.8283	162.1462	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	104,895	129.7922	139.9992	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	124.9459	134.7782	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	113.3066	122.2348	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	109.7487	118.3984	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	104.9220	113.1936	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.00 Put	750	18.1155	16.5456	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	209.2015	190.1133	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	12.65 Put	1,550	220.2298	200.5444	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.85 Put	750	278.9514	258.0918	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.36 Put	2,179	451.9995	422.8876	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.65 Call	1,464	1126.2146	1181.9886	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.73 Put	2,500	617.5016	580.5706	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	15.97 Call	5,300	383.1426	407.4502	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.04 Call	1,550	370.9944	394.5984	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.08 Call	2,179	364.2433	387.4566	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.14 Call	750	354.3724	377.0048	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	17.02 Call	2,500	239.4271	255.0131	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	12.96 Put	23,443	353.0912	0.0000	0.0000	0.0000	23,443	0.00	
Dec 2018	ZAUS	17.24 Call	23,443	340.7819	0.0000	0.0000	0.0000	23,443	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	637.0992	656.9079	0.0000	0.0000	0	0.00	
			<u>2,871,728</u>					<u>57,886.00</u>	<u>0.00</u>	<u>40 714 169.00</u>
	Total		<u>4,120,921</u>					<u>123,543.00</u>	<u>901,130,784.50</u>	<u>200 575 448.00</u>
										<u>1 876 666 855 197.00</u>

Grand Total	6,545,084		166,241.00	1 683 358 185.20	268,839,240	2,570,429,152,604.40
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