



CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000



FINAL

PG47 BULLETIN #222@

E-MINI S&P 500 CALL OPTIONS

Thu, Nov 16, 2017 PG47

INDIVIDUAL CONTRACT PRICE DATA FOR OPEN, HIGH, LOW, CLOSE AND SETTLEMENT PLUS CLEARED VOLUME FIGURES REFLECT BOTH CME AND REGULAR TRADING HOURS SESSIONS.
VOLUME OR OPEN INTEREST (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: CASH FOR FUTURES, SPREADS, PRIOR DAYS' CLEARED TRADES (OUT-TRADES),
POSITION ADJUSTMENTS, OPTIONS EXERCISES, POSITIONS IN DELIVERY, OR POSITIONS IN A CASH SETTLEMENT CYCLE. B=BID A=ASK N=NOMINAL P=POST SETTLEMENT SESSION #=NEW
CONTRACT HIGH PRICE *NEW CONTRACT LOW PRICE R=RECORD VOL OR OPN INT. SETTLEMENT PRICE DETERMINED BY CME RULE 813. B=BID A=ASK N=NOMINAL P=POST SETTLEMENT.
CAB= (CABINET TRANSACTION) - 1/2 TICK VALUE = \$12.50 PRODCUT LISTINGS REPRESENT CONTRACTS WITH PRICE/VOLUME ACTIVITY AND/OR HAVE ESTABLISHED OPEN INTEREST.
PRODUCTS ELIGIBLE TO TRADE BUT ARE INACTIVE DO NOT APPEAR IN THIS REPORT.

E-MINI S&P CONTRACTS LAST TRADE DATES

Table with columns for EXPIRATION, NOV17, DEC17, JAN18, FEB18, MAR18, APR18, JUN18, SEP18. Rows include EMINI S&P FUT, EOM EMINI S&P OPT, EOW1 EMINI S&P OPT, EOW2 EMINI S&P OPT, EOW4 EMINI S&P OPT, EI FUT, ENY FUT, EOW3 MINI S&P OPT, FT1 FUT, FT5 FUT, FTU FUT, II FUT, RS1 FUT, RSG FUT, RSV FUT, SDA FUT, SDI FUT, TRI FUT.

E-MINI S&P OPTIONS ON FUTURES

Table with columns for NOV17, DEC17, JAN18, FEB18, MAR18, APR18, JUN18, SEP18. Rows include EW 100-3600, EW1 100-3600, EW2 100-3600, EW4 100-3600, EZ.

Table with columns for NOV17, DEC17, JAN18, FEB18. Rows include E3A 100-3600, E3C 100-3600, E4A 100-3600, E4C 100-3600, E5C 100-3600, EW3 100-3600, R1E 650-2225, R2E 650-2225, R3E 650-2225, R4E 650-2225, RTM 650-2225.

E-MINI S&P FUTURES

Table with columns for OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT. PRICE & PT. CHGE, RTH VOLUME, GLOBEX VOLUME, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Rows include EMINI S&P FUT, DEC17 2564.25, MAR18 2565.25, JUN18 2572.00, SEP18 2588.00B, DEC18 ----, TOTAL EMINI S&P FUT.

E-MINI S&P 500 FIXING PRICE (ESF): Mar18 2584.70

WK EW-W1 E-MINI S&P CALLS

Table with columns for STRIKE, OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT. PRICE & PT. CHGE, DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Rows include EOW1 MINI S&P C, DEC17 EOW1 MINI S&P C, 2310, 2320, 2325, 2330, 2335, 2340, 2345, 2350, 2355, 2365, 2370, 2375, 2380, 2385, 2395, 2400, 2405, 2415, 2420, 2425, 2430, 2435, 2440, 2445, 2450, 2455, 2460, 2465, 2470, 2475, 2480, 2485, 2490, 2495, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2535, 2540, 2545, 2550, 2555, 2560, 2565, 2570.

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.
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Table with columns: PG47, BULLETIN #222@, E-MINI S&P 500 CALL OPTIONS, Thu, Nov 16, 2017, PG47. Contains multiple columns of numerical data representing call option prices and volumes.

WK EW-W2 E-MINI S&P CALLS

Main table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Contains detailed call option data for various strikes.

WK EW-W4 E-MINI S&P CALLS

Table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Contains call option data for strikes 2260, 2295, and 2300.

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PG47 BULLETIN #222@ E-MINI S&P 500 CALL OPTIONS Thu, Nov 16, 2017 PG47

Table with columns for price, bid, ask, volume, and other market data for E-MINI S&P 500 CALL OPTIONS. Includes rows for various strike prices and volumes.

Table with columns for DEC17, EOW4, MINI S&P C, (FUTURES SETT. 2585.00 + 1990), and other market data. Includes rows for various strike prices and volumes.

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PG47 BULLETIN #222@ E-MINI S&P 500 CALL OPTIONS Thu, Nov 16, 2017 PG47

Summary table with columns: Price, Bid, Ask, Volume, etc. Rows include 2720, 2755, 2765, 2775, 2780, 2785, 2800, 2850, and TOTAL.

E-MINI S&P CALLS

Main table with columns: STRIKE, OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Rows range from 800 to 2530.

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Table with columns for contract symbols (e.g., 2535, 2540, 2545), prices, and volumes. Includes a 'TOTAL' row at the bottom of the main section.

Table with columns for contract symbols (e.g., MAR18, 1000, 1570), prices, and volumes. Includes a 'TOTAL' row at the bottom of the second section.

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2275	----	329.25B	307.25A	----	326.40+	1740	.888	----	----	142	UNCH	332.25B	153.50A
2280	----	324.50B	302.75A	----	321.80+	1740	.885	----	----	23	UNCH	327.50B	150.25A
2285	----	320.00B	298.25A	----	317.10+	1730	.883	----	----	4	UNCH	323.00B	235.00A
2290	----	315.25B	293.50A	----	312.50+	1720	.880	----	----	57	UNCH	318.25B	144.00A
2300	----	306.00B	284.50A	----	303.30+	1710	.875	----	----	987	UNCH	309.25B	137.75A
2310	----	296.75B	275.50A	----	294.00+	1690	.869	----	----	34	UNCH	299.75B	131.50A
2315	----	292.25B	271.00A	----	289.50+	1690	.866	----	----	3	UNCH	295.25B	209.75A
2320	----	287.50B	266.50A	----	284.90+	1680	.863	----	----	165	UNCH	290.75B	125.50A
2325	----	283.00B	262.00A	----	280.30+	1660	.860	----	----	713	UNCH	286.00B	122.50A
2330	----	278.50B	257.50A	----	275.70+	1650	.857	----	----	164	UNCH	281.50B	119.50A
2335	----	273.75B	253.00A	----	271.20+	1650	.854	----	----	76	UNCH	276.75B	193.00A
2340	----	269.25B	248.50A	----	266.60+	1630	.850	----	----	286	UNCH	272.25B	113.75A
2345	----	264.75B	244.25A	----	262.10+	1620	.847	----	----	4	UNCH	267.75B	185.00A
2350	----	260.25B	239.75A	----	257.60+	1620	.843	----	1	327 +	1	263.25B	108.00A
2355	----	255.75B	235.25A	----	253.10+	1610	.839	----	----	8	UNCH	258.75B	176.75A
2360	----	251.25B	231.00A	----	248.60+	1600	.836	----	----	379	UNCH	254.00B	102.50A
2365	----	246.75B	226.50A	----	244.10+	1590	.832	----	----	21	UNCH	249.50B	168.75A
2370	231.00	242.25B	222.25A	----	239.60+	1570	.828	----	1	391 -	1	245.00B	97.25A
2375	----	237.75B	217.75A	----	235.20+	1570	.824	----	----	503	UNCH	240.50B	94.50A
2380	----	233.25B	213.50A	----	230.70+	1560	.820	----	----	117	UNCH	236.00B	91.75A
2385	----	228.75B	209.25A	----	226.30+	1550	.816	----	----	6	UNCH	231.75B	153.25A
2390	----	224.25B	204.75A	----	221.80+	1530	.812	----	----	272	UNCH	227.25B	86.75A
2395	----	220.00B	200.50A	----	217.40+	1520	.807	----	----	3	UNCH	222.75B	145.50A
2400	204.50	215.50B	196.25A	----	213.00+	1510	.803	----	1	2845 -	1	218.25B	81.75A
2405	----	211.00B	192.00A	----	208.60+	1500	.798	----	----	6	UNCH	214.00B	137.75A
2410	----	206.75B	187.75A	----	204.30+	1500	.793	----	----	462	UNCH	209.50B	77.00A
2420	----	198.00B	179.50A	----	195.60+	1470	.783	----	----	529	UNCH	200.75B	72.25A
2425	----	193.75B	175.25A	----	191.30+	1460	.778	----	----	492	UNCH	196.50B	70.00A
2430	----	189.25B	171.00A	----	187.00+	1450	.773	----	----	818	UNCH	192.00B	67.75A
2440	----	180.75B	162.75A	----	178.40+	1420	.762	----	----	288	UNCH	183.50B	63.50A
2445	----	176.50B	158.75A	----	174.20+	1410	.756	----	----	232	UNCH	179.25B	78.25A
2450	----	172.25B	154.75A	----	169.90+	1390	.751	----	1	2965 +	1	174.75B	59.25A
2455	----	168.00B	150.75A	----	165.70+	1370	.744	----	----	41	UNCH	170.50B	101.50A
2460	----	163.75B	146.50A	----	161.60+	1370	.738	----	----	442	UNCH	166.50B	55.25A
2465	----	159.75B	142.75A	----	157.40+	1350	.732	----	----	20	UNCH	162.25B	94.75A
2470	----	155.50B	138.75A	----	153.30+	1340	.725	----	----	380	UNCH	158.00B	51.25A
2475	----	151.50B	134.75A	----	149.10+	1310	.719	----	----	485	UNCH	154.00B	49.50A
2480	----	147.25B	130.75A	----	145.10+	1310	.712	----	----	376	UNCH	149.75B	47.75A
2485	----	143.25B	127.00A	----	141.00+	1290	.704	----	----	42	UNCH	145.75B	81.75A
2490	----	139.25B	123.00A	----	137.00+	1270	.697	----	----	400	UNCH	141.50B	44.25A
2495	----	135.25B	119.25A	----	133.00+	1260	.690	----	----	134	UNCH	137.50B	75.50A
2500	118.50	131.25B	115.50A	----	129.00+	1240	.682	----	1	2236 -	1	133.50B	40.75A
2505	----	127.25B	111.75A	----	125.00+	1220	.674	----	----	210	UNCH	129.50B	69.50A
2510	----	123.25B	108.00A	----	121.10+	1200	.666	----	----	524	UNCH	125.50B	37.50A
2515	----	119.25B	104.25A	----	117.20+	1180	.658	----	----	107	UNCH	121.50B	63.50A
2520	----	115.50B	100.75A	----	113.40+	1160	.649	----	----	517	UNCH	117.50B	34.50A
2525	102.75	111.75B	97.00A	----	109.50+	1140	.640	----	9	3387	UNCH	113.75B	33.25A
2530	----	107.75B	93.50A	----	105.80+	1120	.631	----	----	1288	UNCH	109.75B	31.75A
2535	95.50	104.00	90.00A	----	102.00+	1090	.622	----	22	172 +	9	106.00B	52.50A
2540	99.75	100.50B	86.50A	----	98.30+	1070	.612	----	3	556	UNCH	102.25B	29.00A
2545	----	96.75B	83.25A	----	94.70+	1060	.603	----	2	408 -	2	98.50B	47.50A
2550	83.50	93.25	79.75A	----	91.00+	1030	.592	----	12	3498	UNCH	95.00B	26.50A
2555	----	89.50B	76.50A	----	87.50+	1020	.582	----	----	299	UNCH	91.25B	42.50A
2560	78.00	86.00B	73.25A	----	84.00+	1000	.571	----	18	1397 -	7	87.75B	24.25A
2565	----	82.50B	70.00A	----	80.50+	980	.561	----	24	263	UNCH	84.25B	38.00A
2570	----	79.00B	66.75A	----	77.10+	960	.549	----	----	458	UNCH	80.50B	22.00A
2575	----	75.75B	63.50A	----	73.80+	950	.538	----	422	3032 +	95	77.25B	20.50A
2580	69.00	72.25B	60.50A	----	70.40+	920	.526	----	263	876 +	50	73.75B	19.25A
2585	61.75	69.00	57.50A	----	67.20+	910	.514	----	226	349 -	217	70.50B	29.75A
2590	63.75	66.00	54.75A	----	63.90+	870	.502	----	5	1013 +	3	67.00B	16.50A
2595	62.50	62.75B	51.75A	----	60.80+	850	.489	----	2	122	UNCH	63.75B	26.00A
2600	50.50	59.50B	49.00A	----	57.60+	820	.476	----	168	12525 -	2	60.75B	14.50
2605	----	56.50B	46.25A	----	54.60+	790	.463	----	1	201 +	1	57.50B	22.75A
2610	----	53.50B	43.75A	----	51.60+	760	.450	----	3	778	UNCH	54.50B	12.25A
2615	43.00	50.75B	41.25A	----	48.70+	720	.436	----	3	547 +	1	51.75B	19.75A
2620	39.75	47.75B	38.75A	----	45.90+	690	.422	----	3	1386	UNCH	48.75B	10.50A
2625	40.00	45.00B	36.25A	----	43.20+	660	.408	----	3	2086 +	1	46.00B	9.75A
2630	----	42.50B	34.00A	----	40.60+	630	.394	----	----	2357	UNCH	43.25B	9.00A
2635	39.25	39.75B	31.75A	----	38.10+	610	.380	----	1	227	UNCH	40.75B	14.50A
2640	31.00	37.25B	29.50A	----	35.60+	570	.365	----	22	754 +	12	38.25B	7.75
2645	28.25	35.00B	27.50A	----	33.30+	540	.351	----	37	867 -	6	35.75B	12.25A
2650	32.00	32.50B	25.50A	----	31.00+	510	.336	----	152	2844 +	62	33.50	6.50
2655	29.00	30.25B	23.75A	----	28.90+	490	.322	----	28	503	UNCH	31.00B	10.50A
2660	24.00	28.25B	22.00A	----	26.80+	450	.307	----	294	1362 -	115	29.00B	5.75A
2665	----	26.25B	20.25A	----	24.90+	430	.292	----	----	737	UNCH	26.75	9.00A
2670	24.00	24.25B	18.75A	----	23.00+	400	.278	----	260	1188 +	226	25.00B	4.80A
2675	21.25	22.50B	17.25A	----	21.30+	380	.264	----	5	2126	UNCH	23.00B	4.45A
2680	17.25	20.75B	17.25	----	19.60+	350	.250	----	92	1273 +	71	21.25B	4.10A
2685	----	19.00B	14.50A	----	18.00+	330	.236	----	----	1316	UNCH	19.50B	6.50A
2690	----	17.50B	----	----	16.50+	300	.222	----	----	957	UNCH	18.00B	3.55A
2695	13.50	16.00B	13.50	----	15.10+	280	.209	----	20	842	UNCH	16.50B	5.50A
2700	12.00	14.75B	11.50	----	13.80+	250	.196	----	330	2958 -	131	15.25B	2.90
2705	13.00	13.25B	12.50A	----	12.60+	230	.183	----	3	753	UNCH	14.00B	4.55A
2710	10.00	12.25	9.25A	----	11.50+	210	.171	----	263	697 +	45	12.75B	2.65A
2715	11.00	11.00	10.50A	----	10.50+	200	.160	----	120	340 +	103	11.50B	3.85A
2720	10.00	10.00	9.50A	----	9.50+	170	.148	----	19	1627	UNCH	10.25	2.35A
2725	9.00	9.25B	8.50A	----	8.60+	150	.138	----	4	967 +	1	9.50B	2.20A
2730	7.75	8.50	7.75	----	7.80+	140	.128	----	220	650 +	180	8.50	2.05A
2735	7.50	7.50	7.25A	----	7.10+	120	.118	----	172	709 +	139	7.75	2.90A
2740	6.75	6.75	6.50A	----	6.40+	100	.109	----	6	867	UNCH	7.25B	1.85A
2745	5.00	6.25B	5.00	----	5.80+	90	.101	----	2	539 +	1	6.50	2.50A
2750	4.70	5.75	4.65	----	5.30+	80	.094	----	7	1757 +	2	7.25	1.65A
2755	4.35	5.00B	4.35	----	4.80+	70	.086	----	141	421 -	63	5.50B	2.75A
2760	4.60	4.70	3.75A	----	4.35+	55	.079	----	3	428	UNCH	5.75B	1.50A
2765	4.30	4.30	3.45A	----	3.95+	45	.073	----	9	62 -	6	4.75	2.35A
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1675	----	----	----	----	912.70+	1950	.979	----	----	89	UNCH	832.25B	734.00A
1710	----	----	----	----	878.30+	1950	.976	----	----	84	UNCH	799.00B	701.00A
1730	----	----	----	----	858.70+	1940	.974	----	----	501	UNCH	789.50B	682.25A
1780	----	#803.25B	----	----	809.80+	1920	.969	----	----	84	UNCH	803.25B	635.50A
1900	----	696.75B	----	----	693.50+	1870	.953	----	----	3	UNCH	699.25B	526.25A
1960	----	639.25B	----	----	636.10+	1860	.941	----	----	1	UNCH	641.50B	473.00A
1970	----	629.50B	----	----	626.60+	1860	.939	----	----	1	UNCH	631.75B	464.25A
1975	----	624.75B	----	----	621.80+	1850	.938	----	----	2	UNCH	627.00B	460.00A
1990	----	610.50B	----	----	607.40+	1830	.935	----	----	1	UNCH	612.50B	446.75A
2000	----	601.00B	----	----	597.90+	1820	.933	----	----	2	UNCH	603.00B	438.25A
2025	----	577.25B	----	----	574.30+	1810	.927	----	----	2	UNCH	579.25B	416.50A
2050	----	553.75B	----	----	550.80+	1800	.920	----	----	1	UNCH	555.50B	395.25A
2100	----	506.75B	----	----	504.10+	1770	.906	----	----	6	UNCH	508.25B	353.00A
2130	----	479.00B	----	----	476.20+	1730	.896	----	----	203	UNCH	480.00B	328.50A
2140	----	469.75B	----	----	467.00+	1720	.893	----	----	3	UNCH	470.75B	320.25A
2150	----	460.50B	----	----	457.80+	1710	.889	----	----	6	UNCH	461.50B	312.25A
2160	----	451.25B	----	----	448.60+	1700	.885	----	----	5	UNCH	452.25B	304.25A
2170	----	442.00B	----	----	439.50+	1690	.881	----	----	128	UNCH	443.00B	296.25A
2180	----	433.00B	----	----	430.40+	1690	.877	----	----	1	UNCH	433.75B	288.25A
2190	----	423.75B	----	----	421.30+	1670	.873	----	----	21	UNCH	424.50B	280.50A
2200	----	414.75B	----	----	412.30+	1670	.868	----	5	21	UNCH	415.25B	272.75A
2220	----	396.50B	----	----	394.20+	1640	.859	----	----	3	UNCH	397.25B	257.25A
2240	----	378.50B	358.25A	----	376.30+	1620	.850	----	----	366	UNCH	379.00B	241.50A
2250	----	369.75B	349.50A	----	367.40+	1610	.845	----	----	47	UNCH	370.00B	234.00A
2260	----	360.75B	340.75A	----	358.50+	1600	.840	----	----	1	UNCH	361.00B	226.25A
2270	----	351.75B	332.00A	----	349.60+	1580	.834	----	----	5	UNCH	352.25B	218.75A
2275	----	347.50B	327.75A	----	345.20+	1580	.831	----	----	13	UNCH	347.75B	215.00A
2280	----	343.00B	323.25A	----	340.80+	1570	.829	----	----	12	UNCH	343.25B	211.25A
2290	----	334.25B	314.75A	----	332.00+	1560	.823	----	----	31	UNCH	334.50B	204.00A
2300	----	325.25B	306.00A	----	323.20+	1540	.817	----	----	104	UNCH	327.25B	196.75A
2310	----	316.50B	297.50A	----	314.50+	1530	.811	----	----	126	UNCH	318.50B	189.50A
2320	----	307.75B	289.00A	----	305.80+	1510	.804	----	----	17	UNCH	309.75B	182.25A
2325	----	303.50B	284.75A	----	301.50+	1510	.801	----	----	108	UNCH	305.25B	178.75A
2330	----	299.25B	280.50A	----	297.20+	1500	.798	----	----	95	UNCH	301.00B	175.25A
2340	----	290.50B	272.25A	----	288.60+	1490	.791	----	----	29	UNCH	292.25B	168.25A
2350	----	282.00B	263.75A	----	280.00+	1470	.784	----	----	629	UNCH	283.50B	161.50A
2360	----	273.50B	255.50A	----	271.50+	1450	.777	----	----	23	UNCH	275.00B	154.75A
2370	----	265.00B	247.25A	----	263.00+	1430	.769	----	----	12	UNCH	266.50B	148.00A
2375	----	260.75B	243.25A	----	258.80+	1420	.765	----	----	60	UNCH	262.25B	144.75A
2380	----	256.50B	239.00A	----	254.60+	1410	.761	----	----	185	UNCH	258.00B	141.25A
2390	----	248.25B	231.00A	----	246.30+	1390	.753	----	----	588	UNCH	249.50B	135.00A
2400	----	240.00B	222.75A	----	237.90+	1360	.745	----	----	1858	UNCH	241.25B	128.50A
2410	----	231.75B	214.75A	----	229.70+	1340	.736	----	----	18	UNCH	233.00B	122.25A
2420	----	223.50B	207.00A	----	221.50+	1320	.727	----	----	74	UNCH	224.75B	116.00A
2425	----	219.50B	203.00A	----	217.40+	1300	.722	----	----	150	UNCH	220.50B	113.00A
2430	----	215.25B	199.00A	----	213.40+	1300	.718	----	----	680	UNCH	216.50B	110.00A
2440	----	207.25B	191.75A	----	205.30+	1260	.708	----	----	1158	UNCH	208.50B	104.25A
2450	----	199.25B	183.75A	----	197.30+	1240	.698	----	36	6852	UNCH	200.25B	98.50A
2460	----	191.50B	176.00A	----	189.40+	1210	.688	----	----	504	UNCH	192.50B	92.75A
2470	----	183.50B	168.50A	----	181.60+	1190	.677	----	----	491	UNCH	184.50B	87.25A
2475	----	179.75B	164.75A	----	177.70+	1170	.671	----	----	832	UNCH	180.50B	84.50A
2480	----	175.75B	161.00A	----	173.80+	1160	.666	----	----	461	UNCH	176.75B	82.00A
2490	----	168.25B	153.50A	----	166.20+	1140	.654	----	----	518	UNCH	169.00B	76.75A
2500	----	160.75B	146.25A	----	158.60+	1110	.642	----	----	1009	UNCH	161.25B	71.75A
2510	----	153.25B	139.25A	----	151.20+	1090	.629	----	2	598	UNCH	153.75B	66.75A
2520	----	145.75B	132.25A	----	143.80+	1060	.616	----	----	426	UNCH	146.25B	62.00A
2525	----	142.25B	128.75A	----	140.20+	1050	.610	----	----	848	UNCH	142.75B	59.75A
2530	----	138.50B	125.25A	----	136.60+	1040	.603	----	----	7985	UNCH	139.00B	57.50A
2540	----	131.50B	118.50A	----	129.50+	1010	.589	----	----	563	UNCH	131.75B	53.25A
2550	----	124.50B	111.75A	----	122.50+	990	.574	----	3	1032	UNCH	124.75B	49.00A
2560	----	117.50B	105.25A	----	115.70+	970	.560	----	8	303	UNCH	117.75B	45.00A
2570	101.75	110.75B	99.00A	----	108.90+	940	.544	----	173	969 +	23	111.00B	41.25A
2575	----	107.50B	95.75A	----	105.60+	920	.536	----	24	1181 +	16	107.50B	39.50A
2580	----	104.25B	92.75A	----	102.40+	920	.528	----	36	264 +	18	104.25B	37.75A
2590	97.00	97.75B	86.50A	----	96.00+	880	.512	----	1	335	UNCH	97.75B	34.25A
2600	90.25	#91.50B	80.75A	----	89.70+	850	.495	----	121	2769 +	96	91.50B	31.25A
2610	----	#85.50B	75.00A	----	83.60+	810	.477	----	----	133	UNCH	85.50B	28.25A
2620	----	#79.50B	69.50A	----	77.60+	760	.459	----	----	196	UNCH	79.50B	25.50A
2625	----	#76.50B	66.75A	----	74.80+	750	.450	----	112	344 +	74	76.50B	24.00A
2630	----	#73.75B	64.25A	----	71.90+	730	.441	----	----	1120	UNCH	73.75B	23.00A
2640	----	#68.00B	59.00A	----	66.40+	690	.422	----	----	1120	UNCH	68.00B	20.50A
2650	----	#62.75B	54.00A	----	61.00+	650	.403	----	36	2400 -	22	62.75B	18.50
2660	----	#57.50B	49.50A	----	55.90+	610	.383	----	----	376	UNCH	57.50B	16.50A
2670	----	#52.75B	45.00A	----	51.10+	580	.364	----	----	150	UNCH	52.75B	14.50A
2675	44.75	#50.25B	44.75	----	48.70+	560	.354	----	10	436 +	10	50.25B	13.75A
2680	43.25	#48.00B	40.75A	----	46.40+	540	.344	----	200	345 +	176	48.00B	13.00A
2690	38.50	#43.50B	38.50	----	42.10+	500	.324	----	32	426 +	5	43.50B	11.50A
2700	34.75	#39.25B	33.25A	----	38.00+	460	.304	----	65	1979 -	60	39.25B	10.00
2710	31.75	#35.50B	29.75A	----	34.10+	420	.283	----	10	357 -	10	35.50B	9.00A
2720	----	#31.75B	26.50A	----	30.50+	370	.264	----	----	592	UNCH	31.75B	8.00A
2725	26.25	#30.00B	25.00A	----	28.80+	350	.254	----	10	3660 -	10	30.00B	7.50A
2730	----	#28.25B	----	----	27.20+	340	.244	----	----	426	UNCH	28.25B	7.00A
2740	25.00	#25.00	24.25A	----	24.20+	310	.225	----	20	286	UNCH	25.00	6.25A
2750	21.75	#22.25B	18.50A	----	21.40+	270	.207	----	8	964 +	6	22.25B	5.50A
2760	----	#19.50B	16.25A	----	18.80+	240	.189	----	----	332	UNCH	19.50B	4.85A
2770	----	#17.25B	14.25A	----	16.50+	210	.172	----	----	204	UNCH	17.25B	4.30A
2775	16.25	#16.25	15.25A	----	15.40+	200	.164	----	1	736	UNCH	16.25	4.10A
2780	----	#15.00B	----	----	14.40+	190	.156	----	----	605	UNCH	15.00B	3.85A
2790	----	#13.00B	----	----	12.50+	160	.140	----	----	302	UNCH	13.00B	3.40A
2800	----	#11.25B	----	----	10.80+	130	.126	----	2	944 +	2	11.25B	3.05A
2810	8.75	#9.75	8.50	----	9.30+	110	.112	----	66	318 +	64	9.75B	2.75A
2820	----	#8.50B	----	----	8.00+	90	.100	----	----	179	UNCH	8.50B	2.50A
2825	----	7.75B	----	----	7.40+	70	.094	----	----	88	UNCH	7.75B	2.40A
2830	6.25	7.25B	6.25	----	6.90+	70	.088	----	1	72 -	1	7.25B	2.25A
2840	----	6.25B	----	----	5.90+	50	.078	----	----	367	UNCH	6.25B	2.15A
2850	5.25	5.50	5.25	----	5.10+	35	.069	----	2	88 +	2	5.50	2.00A
2860	----	4.75B	----	----	4.45+	25	.062	----	----	2	UNCH	4.95B	1.80A
2870	----	4.15B	----	----	3.85+	15	.054	----	----				

E-MINI S&P 500 CALL OPTIONS

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PG47 BULLETIN #222@ E-MINI S&P 500 CALL OPTIONS Thu, Nov 16, 2017 PG47

Table with columns for price, bid, ask, volume, and other market data for E-MINI S&P 500 CALL OPTIONS. Includes a 'TOTAL' row at the bottom of the main section.

Table with columns for EOM, EMINI, S&P, and C, showing data for various dates from NOV17 to 1910.

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PG47	BULLETIN #222@	E-MINI S&P 500 CALL OPTIONS										Thu, Nov 16, 2017	PG47
1920	----	----	----	----	664.70+	1980	.999	----	----	2	UNCH	585.00B	487.50A
1925	----	----	----	----	659.70+	1980	.999	----	----	1	UNCH	580.25B	482.75A
1930	----	----	----	----	654.70+	1980	.999	----	----	701	UNCH	575.25B	478.00A
1940	----	----	----	----	644.70+	1980	.999	----	----	3	UNCH	565.25B	468.25A
1950	----	----	----	----	634.70+	1980	.999	----	----	1	UNCH	555.25B	459.00A
1960	----	----	----	----	624.70+	1980	.999	----	----	3	UNCH	545.50B	449.50A
1975	----	----	----	----	609.70+	1980	.999	----	----	2	UNCH	530.75B	435.25A
1980	----	----	----	----	604.70+	1970	.999	----	----	1	UNCH	525.75B	430.50A
1990	----	----	----	----	594.70+	1970	.999	----	----	1	UNCH	515.75B	421.25A
2000	----	----	----	----	584.70+	1970	.999	----	----	2	UNCH	506.00B	411.75A
2010	----	----	----	----	574.70+	1970	.999	----	----	2	UNCH	496.00B	402.50A
2015	----	----	----	----	569.70+	1970	.999	----	----	2	UNCH	491.25B	487.75A
2030	----	----	----	----	554.80+	1980	.999	----	----	2	UNCH	476.25B	383.75A
2075	----	----	----	----	509.80+	1970	.998	----	----	2	UNCH	432.00B	342.50A
2080	----	----	----	----	504.80+	1970	.998	----	----	454	UNCH	427.25B	337.75A
2090	----	----	----	----	494.90+	1980	.998	----	----	18	UNCH	418.25B	328.75A
2100	----	----	----	----	484.90+	1980	.998	----	----	166	UNCH	408.25B	319.75A
2110	----	----	----	----	474.90+	1970	.998	----	----	10	UNCH	398.50B	310.50A
2120	----	----	----	----	464.90+	1970	.997	----	----	15	UNCH	390.25B	301.50A
2125	----	----	----	----	460.00+	1980	.997	----	----	6	UNCH	385.50B	297.25A
2130	----	----	----	----	455.00+	1980	.997	----	----	19	UNCH	382.50B	292.75A
2135	----	----	----	----	450.00+	1980	.997	----	----	2	UNCH	379.25B	353.50A
2140	----	----	----	----	445.00+	1980	.997	----	----	5	UNCH	376.00B	283.75A
2150	----	----	----	----	435.00+	1980	.997	----	----	4	UNCH	370.00B	275.00A
2160	----	----	----	----	425.00+	1980	.997	----	----	2	UNCH	361.75B	266.00A
2165	----	----	----	----	420.00+	1980	.997	----	----	8	UNCH	361.50B	264.50A
2170	----	----	----	----	415.00+	1980	.996	----	----	5	UNCH	366.25B	257.25A
2175	----	----	----	----	410.00+	1970	.996	----	----	10	UNCH	363.75B	253.00A
2180	----	----	----	----	405.00+	1970	.996	----	----	5	UNCH	361.75B	248.50A
2185	----	----	----	----	400.00+	1970	.996	----	----	7	UNCH	366.25B	244.25A
2190	----	----	----	----	395.00+	1970	.996	----	----	4	UNCH	361.50B	240.00A
2195	----	----	----	----	390.00+	1970	.996	----	----	4	UNCH	357.50B	235.75A
2200	----	----	----	----	385.00+	1970	.996	----	----	3	UNCH	354.25B	231.25A
2205	----	----	----	----	380.00+	1960	.996	----	----	3	UNCH	349.50B	227.00A
2210	----	----	----	----	375.10+	1970	.996	----	----	10	UNCH	344.50B	222.75A
2215	----	----	----	----	370.10+	1970	.995	----	----	4	UNCH	339.50B	218.50A
2220	----	----	----	----	365.10+	1970	.995	----	----	9	UNCH	334.75B	214.25A
2230	----	----	----	----	360.10+	1970	.995	----	----	5	UNCH	331.50B	210.25A
2235	----	----	----	----	355.10+	1970	.995	----	----	4	UNCH	328.75B	206.00A
2240	----	----	----	----	350.10+	1960	.995	----	----	5	UNCH	323.75B	201.75A
2245	----	----	----	----	345.20+	1970	.994	----	----	12	UNCH	328.00B	197.50A
2250	----	----	----	----	340.20+	1970	.994	----	----	15	UNCH	323.75B	193.25A
2255	----	----	----	----	335.20+	1970	.994	----	----	78	UNCH	320.25B	189.25A
2255	----	----	----	----	330.20+	1970	.994	----	----	24	UNCH	316.25B	185.00A
2260	----	----	----	----	325.20+	1970	.994	----	----	29	UNCH	312.25B	181.00A
2265	----	----	----	----	320.20+	1960	.993	----	----	26	UNCH	311.00B	176.75A
2270	----	----	----	----	315.20+	1960	.993	----	----	32	UNCH	306.00B	172.75A
2275	----	----	----	----	310.20+	1960	.993	----	----	30	UNCH	303.25B	168.75A
2280	----	----	----	----	305.20+	1960	.993	----	----	45	UNCH	298.25B	164.75A
2285	----	----	----	----	300.30+	1960	.992	----	----	29	UNCH	293.25B	160.75A
2290	----	----	----	----	295.30+	1960	.992	----	----	32	UNCH	288.50B	156.75A
2295	----	----	----	----	290.30+	1960	.992	----	----	35	UNCH	283.75B	152.75A
2300	----	----	----	----	285.30+	1960	.991	----	----	984	UNCH	279.75B	148.75A
2305	----	----	----	----	280.40+	1960	.991	----	----	24	UNCH	276.50B	144.75A
2310	----	----	----	----	275.30+	1950	.990	----	----	25	UNCH	271.75B	141.00A
2315	----	----	----	----	270.30+	1950	.990	----	----	16	UNCH	266.75B	137.00A
2320	----	----	----	----	265.30+	1950	.990	----	----	20	UNCH	261.75B	133.25A
2325	----	----	----	----	260.40+	1950	.990	----	----	396	UNCH	257.00B	129.25A
2330	----	----	----	----	255.40+	1950	.990	----	----	15	UNCH	252.00B	125.25A
2335	----	----	----	----	250.40+	1940	.989	----	----	13	UNCH	247.00B	121.50A
2340	----	----	----	----	245.40+	1940	.989	----	----	9	UNCH	244.00B	117.50A
2345	----	----	----	----	240.40+	1940	.988	----	----	39	UNCH	239.25B	113.75A
2350	----	----	----	----	235.50+	1940	.987	----	----	576	UNCH	236.25B	110.00A
2355	----	----	----	----	230.50+	1940	.987	----	----	12	UNCH	231.25B	106.25A
2360	----	----	----	----	225.50+	1930	.986	----	----	61	UNCH	231.75	102.50A
2365	----	217.00B	----	----	220.50+	1930	.986	----	----	14	UNCH	221.50B	98.75A
2370	----	212.00B	----	----	215.60+	1930	.986	----	----	61	UNCH	216.50B	95.25A
2375	----	207.00B	----	----	210.60+	1920	.984	----	----	29	UNCH	211.75B	91.50A
2380	----	202.00B	----	----	205.60+	1920	.984	----	----	131	UNCH	206.75B	88.00A
2385	----	197.00B	----	----	200.60+	1910	.984	----	----	14	UNCH	201.75B	84.50A
2390	----	191.25B	----	----	195.60+	1900	.983	----	----	37	UNCH	197.00B	81.00A
2395	----	186.75B	----	----	190.70+	1900	.981	----	----	6	UNCH	194.50B	77.50A
2400	----	181.25B	----	----	185.70+	1890	.981	----	----	398	UNCH	191.75B	74.25A
2405	175.50	176.50B	175.50	----	180.80+	1890	.979	----	1	48	UNCH	188.25B	70.75A
2410	----	171.50B	----	----	175.80+	1880	.978	----	----	128	UNCH	184.25B	67.50A
2415	----	166.50B	----	----	170.90+	1880	.977	----	----	72	UNCH	179.25B	64.25A
2420	----	167.75B	----	----	165.90+	1860	.975	----	----	67	UNCH	174.25B	61.00A
2425	----	162.75B	----	----	161.00+	1860	.974	----	----	562	UNCH	169.50B	57.75A
2430	151.00	159.50B	150.75A	----	156.00+	1840	.972	----	1	107	-	164.50B	54.50A
2435	----	154.50B	----	----	151.10+	1840	.970	----	----	112	UNCH	159.50B	51.50A
2440	149.00	150.00B	145.00A	----	146.10+	1820	.968	----	1	255	+	154.50B	48.50A
2445	----	145.00B	----	----	141.20+	1810	.966	----	----	108	UNCH	149.75B	45.50A
2450	123.00	140.00B	123.00	----	136.30+	1800	.964	----	148	933	+	144.75B	42.50A
2455	133.25	135.25B	112.75A	----	131.40+	1790	.961	----	1	45	-	140.00B	39.75A
2460	----	130.25B	108.00A	----	126.40+	1760	.958	----	----	137	UNCH	135.00B	37.00A
2465	----	125.25B	103.25A	----	121.50+	1750	.955	----	----	15	UNCH	130.00B	34.25A
2470	----	120.50B	98.50A	----	116.60+	1730	.951	----	----	131	UNCH	125.25B	31.75A
2475	112.75	115.50B	94.00A	----	111.80+	1720	.948	----	1	418	UNCH	120.25B	29.25A
2480	98.25	110.50B	89.25A	----	106.90+	1700	.943	----	2	287	+	115.50B	26.75A
2485	----	105.75B	84.75A	----	102.00+	1670	.938	----	----	201	UNCH	110.50B	24.50A
2490	----	100.75B	80.00A	----	97.20+	1650	.932	----	----	244	UNCH	105.75B	22.50A
2495	----	96.00B	75.50A	----	92.40+	1630	.927	----	----	429	UNCH	101.00B	20.25A
2500	----	91.25B	70.25A	----	87.50+	1590	.920	----	----	643	UNCH	96.25B	18.50A
2505	----	86.25B	65.75A	----	82.80+	1570	.912	----	----	923	UNCH	91.50B	16.50A
2510	78.00	81.50B	61.25A	----	78.00+	1530	.903	----	14	527	-	86.50B	15.00A
2515	----	76.75B	57.00A	----	73.30+	1490	.894	----	----	274	UNCH	82.00B	13.25A
2520	59.50	72.00B	52.75A	----	68.60+	1460	.883	----	3	444	-	77.25B	11.75A
2525	66.75	67.25B	48.50A	----	63.90+	1430	.871	----	2	451	-	72.50B	10.50A
2530	----	62.50B	44.25A	----	59.30+	1390	.857	----	6	1671	UNCH	67.75B	9.25A
2535	50.75	58.00B	40.25A	----	54.70+	1340	.840	----	8	434	UNCH	63.25B	8.25A
2540	----	53.25B	36.25A	----	50.20+	1280	.823	----	----	502	UNCH	59.25B	7.25A
2545	----	48.75B	32.25A	----	45.70+	1220	.803	----	----	764	UNCH	54.75B	6.25A
2550	34.00	44.25B	28.50A	----	41.30+	1160	.780	----	37	1306	-	50.25B	5.50A
2555	37.75	40.00B	25.00A										

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PG47 BULLETIN #222@ E-MINI S&P 500 CALL OPTIONS Thu, Nov 16, 2017 PG47

Table with multiple columns containing option prices, strikes, and volumes for E-MINI S&P 500 CALL OPTIONS. Includes a 'TOTAL' row and a 'DEC17' section.

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PG47	BULLETIN #222@	E-MINI S&P 500 CALL OPTIONS										Thu, Nov 16, 2017	PG47
2640	5.75	7.75	4.60A	----	7.00+	235	.198	----	1130	2203 +	674	11.00	1.60
2645	4.60	6.50	4.60	----	5.90+	200	.174	----	19	897 -	11	9.50B	1.85A
2650	4.15	5.50	4.15	----	4.95+	165	.152	----	560	11524 +	106	8.25	1.30
2655	3.45	4.70B	3.45	----	4.15+	135	.132	----	282	2223 +	220	7.25B	1.55A
2660	2.75	3.95B	2.70A	----	3.50+	110	.115	----	1366	4550 +	927	6.25	1.10
2665	2.40	3.35B	2.35	----	2.95+	90	.099	----	99	1424 +	56	5.50B	1.30A
2670	2.10	2.85	2.10	----	2.50+	75	.086	----	231	4514 +	23	4.85B	1.00A
2675	2.15	2.40	2.10	----	2.10+	60	.074	----	728	7044 +	22	4.20	1.00A
2680	1.70	2.00	1.70	----	1.80+	50	.065	----	44	2774 +	5	3.65B	.95A
2685	1.65	1.70B	1.60A	----	1.55+	40	.056	----	24	4896 +	24	3.20B	1.05A
2690	----	1.50B	----	----	1.35+	35	.049	----	1	1411 +	1	2.75B	.90A
2695	----	1.30B	----	----	1.20+	25	.044	----	----	3377	UNCH	2.45B	.80A
2700	0.95	1.15	.80	----	1.10+	25	.040	----	3710	11119 +	840	2.35B	.75A
2705	----	1.00B	----	----	1.00+	20	.036	----	----	757	UNCH	2.00B	.65A
2710	----	.90B	----	----	.90+	15	.033	----	----	1170	UNCH	2.05B	.55
2715	----	.80B	----	----	.80+	10	.029	----	----	3755	UNCH	1.65B	.55
2720	----	.75B	----	----	.75+	10	.027	----	----	2245	UNCH	1.80B	.50A
2725	----	.70B	.60A	----	.70+	5	.025	----	----	795	UNCH	1.85B	.50A
2730	0.65	.65	.55A	----	.65+	5	.023	----	1	528 +	1	1.60B	.45A
2735	----	----	.50A	----	.65+	5	.022	----	----	837	UNCH	1.25B	.40
2740	----	----	.50A	----	.60+	5	.020	----	----	433	UNCH	1.45B	.35A
2745	----	----	.45A	----	.55	UNCH	.018	----	----	370	UNCH	1.20B	.35A
2750	----	----	.45A	----	.55+	5	.018	----	----	2480	UNCH	1.40	.30A
2755	0.50	.50	.40A	----	.50	UNCH	.016	----	125	399 +	125	1.00B	.30
2760	----	----	.40A	----	.50+	5	.016	----	----	567	UNCH	1.25B	.30A
2765	----	----	.35A	----	.45	UNCH	.014	----	----	198	UNCH	.90B	.25
2770	----	----	.35A	----	.45+	5	.014	----	----	162	UNCH	1.15B	.25A
2775	0.40	.40	.35A	----	.45+	5	.014	----	100	348 +	100	1.10B	.25A
2780	----	----	.35A	----	.40	UNCH	.012	----	----	2816	UNCH	1.10	.20A
2785	----	----	.30A	----	.40+	5	.012	----	----	26	UNCH	.75	.20A
2790	----	----	.30A	----	.40+	5	.012	----	1	599	UNCH	1.00B	.20A
2795	----	----	.30A	----	.35	UNCH	.010	----	----	5	UNCH	.70B	.20A
2800	----	----	.25A	----	.35+	5	.010	----	1	17605	UNCH	.95B	.15A
2805	----	----	.25A	----	.35+	5	.010	----	----	81	UNCH	.60B	.10A
2810	----	----	.25A	----	.35+	5	.010	----	----	2027	UNCH	.85B	.10
2820	----	----	----	----	.30+	5	.008	----	----	653	UNCH	.80B	.10
2825	----	----	----	----	.30+	5	.008	----	----	1001	UNCH	.80B	.10A
2830	----	----	----	----	.30+	5	.008	----	----	140	UNCH	.75B	.10A
2835	----	----	----	----	.25+	5	.007	----	----	20	UNCH	.25	.15A
2840	----	----	----	----	.25+	5	.007	----	----	148	UNCH	.70B	.10A
2850	----	----	----	----	.25+	5	.006	----	----	751	UNCH	.65B	.05A
2860	----	----	----	----	.20+	5	.005	----	----	38	UNCH	.60B	.05A
2870	----	----	----	----	.20+	5	.005	----	----	305	UNCH	.55B	.15
2875	----	----	----	----	.20+	5	.005	----	----	20	UNCH	.55B	.05A
2880	----	----	----	----	.20+	5	.005	----	----	280	UNCH	.55B	.10A
2890	----	.15B	----	----	.15+	5	.004	----	----	207	UNCH	.50B	.10
2900	----	----	----	----	.15+	5	.003	----	----	153	UNCH	.45B	.10A
2910	----	----	----	----	.15+	5	.003	----	----	48	UNCH	.45B	.10A
2920	----	----	----	----	.15+	5	.003	----	----	17	UNCH	.40B	.10A
2925	----	----	----	----	.15+	5	.003	----	----	140	UNCH	.40B	.10A
2930	----	----	----	----	.15+	5	.003	----	----	13	UNCH	.40B	.10A
2940	----	----	----	----	.10	UNCH	.002	----	----	559	UNCH	.35B	.10A
2950	----	----	----	----	.10+	5	.002	----	----	292	UNCH	.35B	.10A
2960	----	----	----	----	.10+	5	.002	----	----	55	UNCH	.20B	.10A
2970	----	----	----	----	.10+	5	.002	----	----	172	UNCH	.20	.10A
2975	----	----	----	----	.10+	5	.002	----	----	85	UNCH	.20B	.10A
2980	----	----	----	----	.10+	5	.002	----	----	228	UNCH	.20B	.10A
2990	----	----	----	----	.10+	5	.002	----	----	183	UNCH	.15	.10A
3000	----	----	----	----	.10+	5	.002	----	----	395	UNCH	.15B	.10A
3025	----	----	----	----	.10+	5	.002	----	----	39	UNCH	.30B	.10
3600	----	----	----	----	CAB	----	----	----	----	3	UNCH	----	----
TOTAL	----	----	----	----	----	----	----	----	9669	134665 +	3131	----	----
JAN18	----	----	----	----	1581.50+	2020	.999	----	----	303	UNCH	1496.00B	1570.50A
1000	----	----	----	----	675.50+	2000	.988	----	----	1	UNCH	596.75B	510.50A
1910	----	----	----	----	611.10+	1980	.984	----	----	1	UNCH	578.50B	449.25A
1975	----	----	----	----	576.50+	1980	.981	----	----	1	UNCH	554.00B	416.50A
2010	----	----	----	----	556.80+	1980	.980	----	----	1	UNCH	541.50B	398.00A
2030	----	----	----	----	527.20+	1960	.976	----	----	1	UNCH	521.25B	370.50A
2060	----	515.00B	----	----	487.90+	1950	.971	----	----	2	UNCH	492.00B	334.00A
2100	----	491.00B	----	----	478.10+	1950	.970	----	----	12	UNCH	483.75B	325.00A
2110	----	481.25B	----	----	468.30+	1940	.968	----	----	2	UNCH	474.75B	316.00A
2120	----	471.50B	----	----	448.70+	1920	.965	----	----	2	UNCH	455.00B	298.25A
2140	----	452.00B	----	----	409.60+	1890	.957	----	----	3	UNCH	416.00B	263.25A
2180	----	412.75B	----	----	390.20+	1880	.952	----	----	3	UNCH	396.50B	246.25A
2200	----	393.50B	----	----	380.50+	1880	.949	----	----	4	UNCH	386.75B	237.75A
2210	----	383.75B	----	----	366.00+	1870	.945	----	----	3	UNCH	372.25B	225.00A
2225	----	369.25B	----	----	317.90+	1810	.927	----	----	3	UNCH	324.00B	184.25A
2275	----	321.00B	----	----	313.20+	1810	.925	----	158	UNCH	319.00B	180.25A	
2280	----	316.25B	----	----	294.10+	1790	.916	----	----	1	UNCH	300.00B	164.50A
2300	----	297.00B	275.25A	----	284.60+	1780	.912	----	234	UNCH	290.50B	156.75A	
2310	----	287.50B	266.00A	----	279.80+	1770	.909	----	----	1	UNCH	285.50B	197.50A
2315	----	282.75B	261.25A	----	270.40+	1770	.904	----	100	UNCH	276.00B	145.50A	
2325	----	273.25B	252.00A	----	265.70+	1760	.901	----	12	UNCH	271.25B	141.75A	
2330	----	268.50B	247.25A	----	261.00+	1750	.898	----	12	UNCH	266.75B	180.25	
2335	----	264.00B	242.75A	----	246.90+	1720	.890	----	2	74	UNCH	252.50B	127.00A
2350	238.50	249.75B	229.00A	----	237.50+	1700	.883	----	----	1	UNCH	243.00B	119.75A
2360	----	240.50B	219.50A	----	228.20+	1680	.876	----	30	UNCH	233.75B	112.75A	
2370	----	231.00B	210.50A	----	223.60+	1680	.873	----	59	UNCH	230.00B	109.25A	
2375	----	226.50B	205.25A	----	218.90+	1670	.869	----	28	UNCH	225.25B	106.00A	
2380	----	221.75B	200.75A	----	214.20+	1660	.865	----	10	UNCH	220.75B	139.00A	
2385	----	217.25B	196.25A	----	209.60+	1650	.862	----	37	UNCH	216.00B	99.25A	
2390	----	212.50B	191.75A	----	205.00+	1640	.857	----	2	4	2	211.50B	131.00A
2395	207.50	208.00	187.25A	----	200.40+	1630	.853	----	83	UNCH	206.75B	92.50A	
2400	----	203.25B	182.75A	----	191.30+	1600	.844	----	67	UNCH	197.75B	86.00A	
2410	----	194.25B	173.75A	----	182.30+	1580	.834	----	107	UNCH	188.50B	79.75A	
2420	----	185.00B	165.00A	----	173.10+	1530	.824	----	44	UNCH	179.50B	73.50A	
2430	----	176.00B	156.25A	----	164.20+	1510	.813	----	33	UNCH	170.50B	67.75A	
2440	----	167.00B	147.75A	----	159.80+	1500	.807	----	126	UNCH	166.00B	64.75A	
2445	----	162.50B	143.50A	----	155.40+	1490	.800	----	235	UNCH	161.50B	62.00A	
2450	----	158.00B	139.25A	----	146.70+	1470	.788	----	354	UNCH	152.75B	56.50A	
2460	----	149.25B	130.75A	----	142.30+	1450	.781	----	80	UNCH	148.25B	78.75A	
2465	----	144.75B	126.50A	----	137.90+	1420	.774	----	73	UNCH	144.00B	51.00A	
2470	----	140.50B	122.25A	----	133.60+	1400	.767	----	77	UNCH	139.50B	48.50A	
2475	----	136.00B	118.25A	----	129.20+	1370	.759	----	100	UNCH	135.25B	46.00A	
2480	----	131.75B	114.00A	----	124.90+	1350	.751	----	243	UNCH	131.00B	65.50A	
2485	----	127.50B	110.00A	----	120.70+	1340	.743	----	243	UNCH	126.75B	41.00A	
2490	----	123.25B	106.00A	----	116.40+	1310	.735	----	2	UNCH	122.50B	59.25A	
2495	----	119.00B	102.00A	----	112.20+	1290	.726	----	97	UNCH	118.25B	36.25A	
2500	----	114											

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2685	----	6.75B	4.75A	----	6.30+	150	.139	----	8	741 +	8	8.50B	2.20A
2690	4.70	6.00	4.20A	----	5.60+	135	.126	----	171	737 +	140	7.50B	1.50A
2695	4.90	5.25B	3.75A	----	4.85+	105	.113	----	153	367 +	132	6.75B	1.85A
2700	3.80	4.65B	3.80	----	4.25+	90	.101	----	275	1043 +	251	6.00B	1.35A
2705	----	4.10B	----	----	3.75+	75	.091	----	8	330 +	8	5.50B	1.65A
2710	----	3.60B	----	----	3.30+	60	.082	----	2	418	UNCH	5.00	1.20A
2715	----	3.15B	----	----	2.90+	50	.074	----	5	143 +	5	4.55B	1.45A
2720	----	2.80B	----	----	2.60+	40	.067	----	----	343	UNCH	4.05B	1.20A
2725	----	2.50B	----	----	2.30+	30	.060	----	----	684	UNCH	3.65B	1.20A
2730	----	2.20B	----	----	2.05+	25	.054	----	2	222 +	2	3.30B	1.15A
2735	----	2.00B	----	----	1.85+	20	.049	----	5	62	UNCH	3.00B	1.20A
2740	----	1.80B	----	----	1.70+	20	.045	----	----	123	UNCH	2.75B	1.00A
2745	1.55	1.60B	1.55	----	1.55+	15	.042	----	1	52	UNCH	2.55B	1.10A
2750	----	1.45B	----	----	1.40+	10	.038	----	----	145	UNCH	2.35B	.90A
2760	----	1.25B	1.10A	----	1.20+	5	.032	----	----	10	UNCH	2.00B	.85A
2765	----	1.15B	----	----	1.15+	10	.031	----	----	77	UNCH	1.95	.85A
2770	----	1.05B	.95A	----	1.05+	5	.028	----	1	257 -	1	1.75B	.80A
2775	----	.90A	.90A	----	1.00+	5	.027	----	----	262	UNCH	1.65B	.75A
2780	----	.85A	.95+	----	.95+	5	.025	----	----	64	UNCH	1.55B	.70A
2790	----	----	.75A	----	.85+	5	.022	----	----	102	UNCH	1.40B	.60A
2795	----	----	----	----	.80+	5	.021	----	----	8	UNCH	1.30B	.60A
2800	----	----	.70A	----	.80+	5	.020	----	----	387	UNCH	1.30	.55A
2810	----	----	----	----	.70+	5	.018	----	----	210	UNCH	1.15B	.50A
2815	----	----	.60A	----	.70+	5	.018	----	----	140	UNCH	1.05B	.45A
2820	----	----	----	----	.65+	5	.016	----	----	91	UNCH	1.10B	.45A
2825	----	----	.55A	----	.65+	5	.016	----	----	451	UNCH	1.10B	.40A
2830	----	----	----	----	.60+	5	.015	----	----	204	UNCH	1.05B	.40A
2840	----	----	.50A	----	.60+	5	.014	----	----	70	UNCH	1.00B	.35A
2850	----	----	.45A	----	.55+	5	.013	----	----	65	UNCH	.90B	.25A
2860	----	----	----	----	.50+	5	.012	----	----	100	UNCH	.90	.20A
2870	----	----	.40A	----	.50+	5	.011	----	----	432	UNCH	.85	.15A
2875	----	----	----	----	.45+	5	.010	----	----	151	UNCH	.80B	.15A
2880	----	----	----	----	.45+	5	.010	----	----	65	UNCH	.75B	.10A
2890	----	----	.35A	----	.45+	5	.010	----	----	95	UNCH	.70B	.05
2900	----	----	----	----	.40+	5	.009	----	----	219	UNCH	.65B	.05
2910	----	----	.30A	----	.40+	5	.008	----	----	34	UNCH	.60B	.15
2920	----	----	.25A	----	.35+	5	.007	----	----	19	UNCH	.55B	.15
2925	0.25	----	.25	----	.35+	5	.007	----	10	144 +	10	.55B	.15
2930	----	----	.25A	----	.35+	5	.007	----	----	123	UNCH	.50B	.15
2940	----	----	----	----	.30+	5	.006	----	----	169	UNCH	.45B	.10
2950	----	----	----	----	.30+	5	.006	----	----	91	UNCH	.35B	.10
2960	0.20	.20	.20	----	.30+	5	.006	----	15	155 +	3	.40B	.15A
2970	0.15	.15	.15	----	.25+	5	.005	----	8	74	UNCH	.35B	.05
2975	0.15	.15	.15	----	.25+	5	.005	----	2	59	UNCH	.25B	.05
2980	0.15	.15	.15	----	.25+	5	.005	----	25	48 +	25	.25B	.15A
2990	----	----	.15A	----	.25+	5	.005	----	----	122	UNCH	.20B	.10A
3000	----	----	----	----	.25+	10	.005	----	----	392	UNCH	.20B	.10A
TOTAL									1349	31748 +	469		
FEB18													
1810	----	----	----	----	774.70+	1990	.988	----	----	2	UNCH	694.75B	636.50A
1825	----	----	----	----	759.90+	1990	.987	----	----	2	UNCH	680.25B	622.00A
1830	----	----	----	----	754.90+	1980	.987	----	----	1	UNCH	677.00B	617.25A
1840	----	----	----	----	745.10+	1990	.986	----	----	1	UNCH	667.25B	607.75A
1850	----	----	----	----	735.20+	1980	.985	----	----	3	UNCH	663.25B	598.25A
1875	----	----	----	----	710.50+	1980	.984	----	----	1	UNCH	672.25B	574.25A
1900	----	----	----	----	685.80+	1960	.982	----	----	2	UNCH	653.00B	550.50A
1925	----	----	----	----	661.20+	1960	.980	----	----	2	UNCH	638.25B	527.00A
2060	----	532.00B	----	----	529.10+	1920	.963	----	----	1	UNCH	535.00B	401.50A
2260	----	339.75B	318.50A	----	336.90+	1780	.908	----	----	1	UNCH	342.25B	226.50A
2270	----	330.25B	309.25A	----	327.50+	1770	.903	----	----	5	UNCH	332.75B	218.25A
2275	----	325.50B	304.50A	----	322.80+	1760	.901	----	----	4	UNCH	328.00B	214.25A
2300	----	302.25B	281.50A	----	299.40+	1720	.889	----	----	200	UNCH	304.50B	194.00A
2315	----	288.25B	267.75A	----	285.50+	1700	.880	----	----	1	UNCH	291.50B	204.75A
2325	----	224.00B	204.25A	----	221.60+	1580	.832	----	----	1	UNCH	227.25B	147.50A
2330	----	219.50B	199.75A	----	217.10+	1560	.827	----	----	1	UNCH	222.75B	125.50A
2450	----	166.75B	149.00A	----	164.40+	1420	.766	----	----	250	UNCH	169.75B	84.75A
2455	----	162.50B	144.75A	----	160.10+	1410	.760	----	----	37	UNCH	165.50B	95.50A
2460	----	158.00B	140.75A	----	155.80+	1390	.753	----	----	423	UNCH	161.00B	78.75A
2465	----	153.75B	136.75A	----	151.60+	1370	.747	----	----	37	UNCH	151.75B	88.75A
2470	----	149.75B	132.75A	----	147.40+	1360	.740	----	----	32	UNCH	152.50B	72.75A
2475	----	145.50B	128.75A	----	143.20+	1340	.733	----	----	16	UNCH	148.50B	69.75A
2490	----	133.00B	116.75A	----	130.80+	1290	.711	----	----	3	UNCH	136.00B	61.25A
2500	120.00	124.75B	109.00A	----	122.70+	1260	.695	----	4	53 +	4	127.75B	55.75A
2505	----	120.75B	105.25A	----	118.70+	1240	.687	----	----	1	UNCH	123.50B	63.25A
2530	----	101.00B	86.75A	----	99.10+	1140	.641	----	----	350	UNCH	103.75B	41.00A
2535	----	97.25B	83.25A	----	95.30+	1110	.631	----	----	52	UNCH	100.00B	46.50A
2540	----	93.50B	79.75A	----	91.60+	1100	.621	----	----	1	UNCH	96.00B	36.75A
2545	----	89.75B	76.25A	----	87.80+	1070	.610	----	----	11	UNCH	92.25B	41.50A
2550	----	86.00B	72.75A	----	84.10+	1040	.599	----	----	22	UNCH	88.50B	32.50A
2555	----	82.50B	69.25A	----	80.50+	1020	.588	----	----	109	UNCH	84.75B	36.75A
2560	76.50	79.00B	66.00A	----	76.90+	990	.576	----	42	108 +	19	81.25B	28.50A
2565	75.00	75.25B	62.75A	----	73.30+	960	.565	----	6	48 +	6	77.50B	32.50A
2570	----	72.00B	59.50A	----	69.80+	930	.552	----	----	542	UNCH	74.00B	25.00A
2575	----	68.50B	56.50A	----	66.40+	910	.540	----	1	116 +	1	70.50B	23.50A
2580	----	65.00B	53.50A	----	63.00+	880	.526	----	----	30	UNCH	67.00B	21.75A
2585	----	61.75B	50.50A	----	59.70+	850	.513	----	----	59	UNCH	63.75B	24.50A
2590	----	58.50B	47.75A	----	56.50+	820	.499	----	----	69	UNCH	60.50B	18.75A
2595	----	55.25B	45.00A	----	53.40+	800	.485	----	150	175 -	113	57.25B	21.00A
2600	----	52.25B	42.25A	----	50.30+	770	.471	----	150	297	UNCH	54.00B	16.25A
2605	----	49.25B	39.50A	----	47.30+	740	.456	----	----	153	UNCH	51.00B	18.00A
2610	----	46.25B	37.00A	----	44.40+	720	.441	----	----	208	UNCH	48.00B	13.75A
2615	----	43.50B	34.50A	----	41.50+	680	.425	----	----	298	UNCH	45.00B	15.25A
2620	----	40.75B	32.00A	----	38.80+	650	.410	----	----	127	UNCH	42.25B	11.75A
2625	----	38.00B	29.75A	----	36.20+	630	.394	----	1	78	UNCH	39.50B	11.00A
2630	----	35.50B	27.50A	----	33.60+	590	.378	----	1	243 +	1	37.25B	10.00A
2635	----	33.00B	----	----	31.20+	560	.361	----	1	164	UNCH	34.25B	10.75A
2640	30.25	30.50B	28.75A	----	28.90+	530	.345	----	4	305 +	2	32.00B	8.50A
2645	26.00	28.25B	26.00	----	26.70+	500	.329	----	100	240 -	2	29.50B	9.00A
2650	22.25	26.00B	22.25	----	24.60+	470	.312	----	344	457 -	50	27.25B	7.25A
2655	----	24.00B	----	----	22.60+	440	.296	----	343	1043	UNCH	25.25B	7.50A
2660	----	22.00B	----	----	20.70+	400	.280	----	----	176	UNCH	23.25B	6.25A
2665	----	20.00B	----	----	18.90+	370	.264	----	----	457	UNCH	21.25B	6.25A
2670	17.25	18.25B	13.75A	----	17.20+	330	.248	----	100	265 -	1	19.50B	5.25A
2675	----	16.75B	----	----	15.70+	310	.233	----	----	5	UNCH	18.00B	4.80A
2680	----	15.25B	----	----	14.20+	270	.217	----	----	70	UNCH	16.25B	4.45A
2685	----	13.75B	10.25A	----	12.90+	250	.203	----	----	42	UNCH	14.75B	

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PG47 BULLETIN #222@ E-MINI S&P 500 CALL OPTIONS Thu, Nov 16, 2017 PG47

Table with columns for contract month (e.g., 2990, 3000), price, bid, ask, volume, and open interest. Includes sub-sections for MAR18 and APR18.

E-MINI S&P 500 FIXING PRICE (ESF): Mar18 2584.70

ADDITIONAL E-MINI S&P CALLS

Table with columns for STRIKE, OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, and CONTRACT HIGH/LOW.

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2180	----	----	----	----	405.00+	19.90	1.000	----	----	2	UNCH	404.50B	250.00A
2185	----	----	----	----	400.00+	19.90	1.000	----	----	3	UNCH	399.50B	245.50A
2190	----	----	----	----	395.00+	19.90	1.000	----	----	6	UNCH	394.50B	241.00A
2195	----	----	----	----	390.00+	19.90	1.000	----	----	6	UNCH	389.50B	236.50A
2200	----	----	----	----	385.00+	19.90	1.000	----	----	2	UNCH	384.50B	232.00A
2205	----	----	----	----	380.00+	19.90	1.000	----	----	10	UNCH	380.00B	227.50A
2210	----	----	----	----	375.00+	19.90	1.000	----	----	47	UNCH	377.75B	223.00A
2215	----	----	----	----	370.00+	19.90	1.000	----	----	21	UNCH	373.75B	218.50A
2220	----	----	----	----	365.00+	19.90	1.000	----	----	12	UNCH	368.75B	214.00A
2225	----	----	----	----	360.00+	19.90	1.000	----	----	21	UNCH	365.00B	209.75A
2230	356.50	357.25B	356.50	----	355.00+	19.90	1.000	----	1	10	UNCH	360.00B	205.25A
2235	----	----	----	----	350.00+	19.90	1.000	----	----	5	UNCH	355.75B	200.75A
2240	----	----	----	----	345.00+	19.90	1.000	----	----	5	UNCH	350.75B	196.50A
2245	----	----	----	----	340.00+	19.90	1.000	----	----	11	UNCH	345.75B	192.00A
2250	----	----	----	----	335.00+	19.90	1.000	8989	2877	6163	UNCH	341.00B	187.75A
2255	----	----	----	----	330.00+	19.90	1.000	----	----	3	UNCH	336.50B	183.50A
2260	----	----	----	----	325.00+	19.90	1.000	----	----	11	UNCH	332.75B	179.00A
2265	----	----	----	----	320.00+	19.90	1.000	----	----	4	UNCH	327.75B	174.75A
2270	----	----	----	----	315.00+	19.90	1.000	----	----	4	UNCH	322.75B	170.50A
2275	----	----	----	----	310.00+	19.90	1.000	----	----	60	UNCH	317.75B	166.25A
2280	----	----	----	----	305.00+	19.90	1.000	----	----	35	UNCH	312.75B	162.00A
2285	----	----	----	----	300.00+	19.90	1.000	----	----	14	UNCH	307.75B	157.75A
2290	----	----	----	----	295.00+	19.90	1.000	----	----	18	UNCH	302.75B	153.75A
2295	----	----	----	----	290.00+	19.90	1.000	----	----	17	UNCH	297.75B	149.50A
2300	----	----	----	----	285.00+	19.90	1.000	----	----	23	UNCH	292.75B	145.50A
2305	----	----	----	----	280.00+	19.80	1.000	----	----	8	UNCH	287.75B	141.25A
2310	----	----	----	----	275.00+	19.80	1.000	----	----	28	UNCH	282.75B	137.25A
2315	----	----	----	----	270.00+	19.80	1.000	----	----	13	UNCH	277.75B	133.25A
2320	----	----	----	----	265.00+	19.80	1.000	----	----	8	UNCH	272.75B	129.25A
2325	----	----	----	----	260.00+	19.80	1.000	----	----	20	UNCH	267.75B	125.25A
2330	----	----	----	----	255.00+	19.80	1.000	----	----	35	UNCH	262.75B	121.25A
2335	----	----	----	----	250.00+	19.80	1.000	----	----	19	UNCH	257.75B	117.25A
2340	----	----	----	----	245.00+	19.80	1.000	----	----	8	UNCH	252.75B	113.50A
2345	----	----	----	----	240.00+	19.80	1.000	----	----	12	UNCH	247.75B	109.50A
2350	----	----	----	----	235.00+	19.80	1.000	----	1	115	UNCH	242.75B	105.75A
2355	----	----	----	----	230.00+	19.80	1.000	----	----	31	UNCH	237.75B	102.00A
2360	----	----	----	----	225.00+	19.80	1.000	----	5	22	5	232.75B	98.25A
2365	----	----	----	----	220.00+	19.80	1.000	----	----	18	UNCH	227.75B	94.50A
2370	----	202.75B	----	----	215.00+	19.80	1.000	----	----	12	UNCH	223.00B	90.75A
2375	----	206.75B	----	----	210.00+	19.80	1.000	----	----	33	UNCH	218.00B	87.25A
2380	----	193.00B	----	----	205.00+	19.80	1.000	----	----	7	UNCH	213.00B	83.50A
2385	----	188.75B	----	----	200.00+	19.80	1.000	----	----	10	UNCH	208.00B	80.00A
2390	----	185.00B	----	----	195.00+	19.80	1.000	----	1	26	1	203.00B	76.50A
2395	----	180.50B	----	----	190.00+	19.70	1.000	----	----	21	UNCH	198.00B	73.00A
2400	----	176.50B	----	----	185.00+	19.70	1.000	----	8	3673	8	193.00B	69.50A
2405	----	171.50B	----	----	180.00+	19.70	1.000	----	----	340	UNCH	188.00B	66.00A
2410	----	166.75B	----	----	175.00+	19.70	1.000	----	----	3273	UNCH	183.00B	62.75A
2415	----	162.75B	----	----	170.00+	19.70	1.000	----	----	101	UNCH	178.00B	59.25A
2420	----	159.50B	----	----	165.00+	19.70	1.000	----	----	1031	UNCH	173.00B	56.00A
2425	----	154.50B	----	----	160.00+	19.70	1.000	----	----	1687	UNCH	168.00B	52.75A
2430	----	150.25B	----	----	155.00+	19.60	1.000	----	----	518	UNCH	163.25B	49.75A
2435	----	148.75B	----	----	150.00+	19.60	1.000	----	----	404	UNCH	158.25B	46.75A
2440	----	142.75B	----	----	145.00+	19.60	1.000	----	3	613	2	153.25B	43.75A
2445	----	138.25B	----	----	140.00+	19.60	1.000	----	----	754	UNCH	148.25B	40.75A
2450	----	137.00B	----	----	135.00+	19.60	1.000	----	2	2231	1	143.25B	37.75A
2455	----	132.00B	----	----	130.00+	19.50	.999	----	----	880	UNCH	138.25B	35.00A
2460	----	128.25B	----	----	125.00+	19.50	.999	----	8	851	UNCH	133.25B	32.25A
2465	----	123.50B	----	----	120.00+	19.50	.999	----	----	551	UNCH	128.50B	29.75A
2470	----	118.50B	----	----	115.00+	19.40	.999	----	----	819	UNCH	124.00B	27.25A
2475	100.00	113.50B	100.00	----	110.10+	19.50	.999	----	26	2485	26	119.00B	24.75A
2480	----	108.50B	----	----	105.10+	19.40	.999	----	----	916	UNCH	114.00B	22.50A
2485	----	103.50B	----	----	100.10+	19.30	.999	----	----	1059	UNCH	109.00B	20.50A
2490	97.50	98.50B	94.25A	----	95.10+	19.30	.999	----	2	2308	UNCH	104.25B	18.25A
2495	----	93.50B	----	----	90.10+	19.20	.999	----	----	631	UNCH	99.25B	16.50A
2500	----	88.50B	----	----	85.10+	19.10	.999	----	1	3130	1	94.25B	14.50A
2505	----	83.50B	----	----	80.10+	18.90	.999	----	----	1288	UNCH	89.25B	13.00A
2510	----	78.75B	----	----	75.20+	18.90	.998	----	----	1472	UNCH	84.50B	11.50A
2515	70.00	73.75B	50.50A	----	70.20+	18.70	.998	----	1	1030	UNCH	79.50B	10.00A
2520	53.50	68.75B	46.00A	----	65.20+	18.40	.998	----	1	2365	UNCH	74.75B	8.75A
2525	51.75	63.75B	41.50A	----	60.20+	18.10	.998	----	19	3382	16	69.75B	7.50A
2530	57.00	58.75B	36.75A	----	55.20+	17.70	.998	----	2	3461	UNCH	65.00B	6.50A
2535	----	53.75B	31.50A	----	50.20+	17.30	.997	----	1	2317	1	60.25B	5.75A
2540	34.50	48.75B	27.25A	----	45.30+	16.80	.995	----	48	3467	7	55.50	4.85A
2545	38.25	43.75B	23.00A	----	40.30+	16.10	.994	----	6	1948	5	50.75B	4.15A
2550	25.00	39.50B	19.00A	----	35.30+	15.20	.992	----	47	11021	32	46.00B	3.60A
2555	14.75	34.50B	14.75	----	30.40+	14.30	.989	----	42	4514	14	41.50B	3.10A
2560	12.00	29.50B	11.25A	----	25.50+	13.10	.982	----	339	7219	277	37.00B	2.70A
2565	9.00	24.50B	8.25A	----	20.70+	11.60	.967	----	998	3754	238	32.50B	2.35A
2570	5.25	19.75	5.25	----	15.90+	9.80	.939	----	2414	6317	758	28.25B	2.10A
2575	3.55	15.00B	3.30	----	11.40+	7.55	.878	----	2230	7134	613	24.00B	1.85
2580	2.30	10.75	1.80	----	7.30+	5.05	.742	----	3049	9331	676	20.00	1.65A
2585	1.00	6.50	1.00	----	4.00+	2.75	.500	----	6086	6049	423	16.25B	1.00
2590	.65	3.70	.60	----	1.70+	1.00	.221	----	8636	7848	2321	13.00	.50
2595	.40	1.80	.35	----	.70+	0.25	.067	----	6216	6757	222	10.50	.35
2600	.30	.95	*.20	----	.35+	0.05	.020	10464	15127	3880	8.25	.20	
2605	.15	.55	.15	----	.25+	0.05	.009	2510	4817	171	6.50B	.15	
2610	.15	.35	.10	----	.20+	0.05	.005	3249	12472	560	5.00B	.10	
2615	.10	.20	.10	----	.15+	0.05	.002	11526	11803	1119	4.00B	.10	
2620	.10	.10	.05	----	.10	UNCH	.001	2377	14908	502	3.60B	.05	
2625	.05	.10	.05	----	.10	UNCH	.001	1488	7877	35	3.20B	.05	
2630	.05	.10	.05	----	.10	UNCH	.000	700	5939	548	2.90B	.05	
2635	.05	.05	.05	----	.10	UNCH	.000	91	3559	51	2.60B	.05	
2640	.05	.05	.05	----	.10+	0.05	.000	139	4457	2	2.35B	.05	
2645	.05	.05	.05	----	.05	UNCH	.000	60	2325	12	2.15B	.05	
2650	.05	.10	.05	----	.05	UNCH	.000	1425	9574	398	1.95B	.05	
2655	.05	.05	.05	----	.05+	0.05	.000	3	3671	2	1.85B	.05	
2660	.05	.05	.05	----	.05+	0.05	.000	450	2316	450	1.70	.05	
2665	.05	.05	.05	----	.05+	0.05	.000	220	2277	220	1.60B	.05	
2670	.05	.05	.05	----	.05+	0.05	.000	8	5194	8	1.50B	.05	
2675	.05	.05	.05	----	.05+	0.05	.000	350	1131	214	1.40B	.05	
2680	----	----	----	----	CAB	----	----	----	----	3132	UNCH	1.30B	.05
2685	----	----	----	----	CAB	----	----	----	----	1861	UNCH	1.20B	.05

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Table with columns for contract details (e.g., 2950, 2975, 3600), prices, and volumes. Includes a 'TOTAL' row and a 'JAN18 EOW3 MINI S&P C' section with 'FUTURES SETT.' and '.00)' columns.

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Table with columns for contract details (e.g., 2790, 2795, 2800) and market data (e.g., .60B, .50A, .55B).

Main table with columns for contract details (e.g., FEB18, 2250, 2400) and market data (e.g., EOW3 MINI S&P C, (FUTURES SETT. .00), 347.50B).

Table with columns for contract details (e.g., MDW MID, NOV17, 2405) and market data (e.g., (FUTURES SETT. .00), #157.25B).

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PG47	BULLETIN #222@	E-MINI S&P 500 CALL OPTIONS										Thu, Nov 16, 2017	PG47
2575	7.75	18.00	7.25A	----	15.20+	7.50	.678	----	41	436 -	2	18.75B	6.25A
2580	7.75	14.00B	5.25A	----	11.50+	6.10	.598	----	57	538 -	5	15.25B	4.40A
2585	3.75	10.50B	3.50A	----	8.20+	4.55	.501	----	202	496 +	52	11.75B	3.00A
2585	14.00	#14.00	*13.25A	----	12.80	NEW	.502	----	16	16 +	16	14.00	13.25A
2590	3.35	7.25B	2.30A	----	5.40+	3.05	.390	----	320	514 +	65	8.75B	1.95A
2595	1.95	4.95B	1.95	----	3.40+	1.95	.279	----	583	373 +	119	6.25B	1.25A
2600	1.15	3.15B	1.15	----	2.10+	1.25	.187	----	440	928 +	66	4.35B	.70
2605	.75	1.90B	.70	----	1.30+	0.80	.121	----	339	649 +	92	3.00B	.50
2605	3.10	#3.40B	*3.10	----	3.75	NEW	.226	----	1	1 +	1	3.40B	3.10
2610	1.05	1.15	.75A	----	.80+	0.45	.075	----	33	502 +	16	2.30B	.40A
2610	1.80	#3.35	*1.80	----	2.60	NEW	.170	----	39	39 +	39	3.35	1.80
2615	1.45	#1.60B	*1.45	----	1.80	NEW	.124	----	4	4 +	4	1.60B	1.45
2615	.65	.70B	.50	----	.50+	0.25	.046	----	90	424 +	90	1.60	.25A
2620	.25	.50	.25	----	.35+	0.15	.031	----	422	424 +	142	1.30	.15
2625	.30	.50	.30	----	.25+	0.05	.021	----	81	89 +	81	.60B	.20A
2630	.20	.25	.20	----	.20+	0.05	.016	----	364	339 -	182	.30B	.10
2635	----	.15B	----	----	.20+	0.10	.014	----	15	15	UNCH	.20	.15A
2650	.15	#.15	.15	----	.15	NEW	.009	----	10	10 +	10	.15	.15A
2655	----	----	----	----	.15+	0.05	.008	----	----	240	UNCH	.15	.10
2660	----	----	----	----	.15+	0.05	.008	----	----	1	UNCH	.20	.15A
TOTAL	----	----	----	----	----	----	----	----	3113	6295 +	609	----	----
MMW MID	MMW MID	(FUTURES SETT. .00)											
NOV17	----	#182.25B	----	----	185.40+	19.10	.987	----	----	2	UNCH	182.25B	158.25A
2400	----	#162.50B	----	----	165.50+	18.90	.984	----	----	1	UNCH	162.50B	138.75A
2420	----	137.00	137.00	----	135.10+	19.20	.996	----	33	34	UNCH	138.00B	107.50A
2450	137.00	#124.25B	----	----	120.90+	18.20	.972	----	----	1	UNCH	124.25B	95.75A
2465	----	117.00B	----	----	120.20+	19.10	.994	----	----	1	UNCH	127.25B	93.00A
2465	----	107.00B	----	----	110.20+	18.90	.994	----	----	1	UNCH	117.75B	83.50A
2475	----	#105.00B	----	----	101.10+	17.40	.961	----	----	1	UNCH	105.00B	77.25A
2485	----	92.25B	----	----	95.30+	18.60	.992	----	----	2	UNCH	103.00B	69.25A
2490	----	87.25B	----	----	90.30+	18.50	.990	----	----	2	UNCH	98.00B	64.50A
2495	----	82.25B	----	----	85.30+	18.30	.989	----	----	1	UNCH	93.25B	60.00A
2500	----	72.50B	----	----	75.40+	17.90	.984	----	----	2	UNCH	83.50B	51.00A
2510	68.75	72.00B	67.00A	----	70.40+	17.60	.981	----	4	4 +	2	78.50B	46.50A
2515	61.25	64.00B	42.75A	----	60.50	NEW	.975	----	3	3 +	3	68.75B	37.75A
2525	----	59.50B	37.75A	----	55.60+	16.50	.971	----	----	2	UNCH	64.00B	33.50A
2530	41.75	54.50B	33.25A	----	50.60	NEW	.966	----	2	2 +	2	59.25B	29.50A
2535	----	49.50B	29.00A	----	45.70+	15.30	.961	----	----	4	UNCH	54.50B	25.50A
2540	----	44.75B	24.75A	----	40.80+	14.60	.952	----	----	4	UNCH	49.75B	21.50A
2545	----	39.75B	20.75A	----	35.90+	13.80	.940	----	----	5	UNCH	45.00B	17.75A
2550	----	#37.50B	----	----	34.30+	11.40	.804	----	----	4	UNCH	37.50B	19.75A
2555	----	35.00B	17.00A	----	31.10+	12.90	.922	----	----	20	UNCH	40.25B	14.50A
2560	----	#33.00B	----	----	29.90+	10.60	.772	----	----	253	UNCH	33.00B	16.50A
2560	----	30.00B	13.25A	----	26.40+	11.90	.898	----	----	147	UNCH	35.75B	11.25A
2565	----	#28.50B	----	----	25.70+	9.80	.735	----	----	27	UNCH	28.50B	13.50A
2565	10.50	25.25B	10.00A	----	21.70+	10.60	.864	----	11	255 +	6	31.25B	8.50A
2570	17.25	#24.25B	17.25	----	21.50+	8.80	.690	----	15	197	UNCH	24.25B	10.75A
2570	10.75	20.75B	7.25A	----	17.20+	9.10	.815	----	170	334 +	76	27.00B	6.25
2575	12.75	#20.25B	9.50A	----	17.60	NEW	.638	----	16	16 +	16	20.25B	8.50A
2575	6.50	16.00B	5.00A	----	12.90+	7.40	.746	----	65	657 +	37	23.00B	4.15A
2580	13.25	#16.25B	7.25A	----	13.90+	6.40	.575	----	24	515 +	14	16.25B	6.25A
2580	4.50	11.75B	3.25A	----	9.00+	5.50	.641	----	283	557 +	130	19.00B	2.65
2585	9.50	#12.75B	9.50	----	10.50+	5.10	.501	----	907	133 +	123	12.75B	4.50A
2585	2.60	8.00B	2.00A	----	5.70+	3.60	.500	----	283	1093 +	503	15.50B	1.60
2590	----	#9.75B	----	----	7.50+	3.70	.417	----	342	308 +	247	9.75B	3.20A
2590	1.50	5.00B	1.20A	----	3.30+	2.05	.341	----	1626	1237 +	535	12.00B	1.05A
2595	.95	2.95B	.80	----	1.80+	1.05	.204	----	1300	684 -	128	9.25B	.65
2595	5.00	#7.00B	4.95A	----	5.20+	2.60	.329	----	103	104 +	103	7.00B	2.20A
2600	2.60	#4.95B	2.60	----	3.50+	1.75	.247	----	80	14 -	36	4.95B	1.50A
2600	.65	1.65	.55A	----	.95+	0.50	.110	----	1101	851 +	339	6.75B	.45A
2605	1.70	#3.30B	1.70	----	2.30+	1.15	.177	----	159	105 +	45	3.30B	1.05A
2605	.45	1.00	.45	----	.55+	0.25	.061	----	70	546 -	10	4.80B	.30A
2610	1.20	#2.20B	1.20	----	1.45+	0.65	.120	----	473	334 +	130	2.20B	.75A
2610	.40	.55B	.35	----	.35+	0.15	.035	----	146	215 +	105	4.35	.20
2615	1.40	#1.45B	1.00A	----	.95	NEW	.082	----	12	12 +	12	1.45B	.55A
2615	.25	.35	.20A	----	.25+	0.10	.023	----	51	192 +	6	2.20	.15A
2620	.75	#.95B	.70A	----	.65	NEW	.057	----	149	149 +	149	.95B	.40A
2620	.25	.30	.25	----	.20+	0.10	.016	----	63	109 +	51	1.50B	.15
2625	.55	#.65B	.55	----	.45	NEW	.039	----	20	20 +	20	.65B	.35A
2625	.15	.15	.15	----	.15+	0.05	.011	----	3	48 +	3	.45	.10
2630	.40	#.45B	.40	----	.35	NEW	.029	----	20	20 +	20	.45B	.25A
2630	.15	.15	.15	----	.15+	0.05	.010	----	27	328 +	25	.70	.10A
2635	.10	.15	.10	----	.15+	0.10	.009	----	20	186 +	16	.25	.10
2640	.10	#.15	.10	----	.10+	0.05	.005	----	387	2673 -	100	.15	.10
2645	.10	.10	.10	----	.10+	0.05	.005	----	8	19 +	8	.10	.10
2650	----	----	----	----	.10+	0.05	.004	----	----	350	UNCH	.15	.15A
2675	----	----	----	----	.05	UNCH	.000	----	----	1	UNCH	.10	.10
TOTAL	----	----	----	----	----	----	----	----	7976	12785 +	2452	----	----
RTM EOM	RTM EOM	(FUTURES SETT. .00)											
NOV17	----	116.00+	22.00	1.000	111.00+	22.00	1.000	----	----	38	UNCH	148.90B	35.30A
1370	----	106.00+	22.00	1.000	106.00+	22.00	1.000	----	----	15	UNCH	144.10B	32.90A
1375	----	101.00+	21.90	1.000	101.00+	21.90	1.000	----	----	8	UNCH	139.60B	30.50A
1380	----	96.00+	21.90	1.000	96.00+	21.90	1.000	----	----	62	UNCH	134.80B	28.30A
1385	----	91.00+	21.80	1.000	91.00+	21.80	1.000	----	----	31	UNCH	130.10B	26.10A
1390	----	86.00+	21.80	1.000	86.00+	21.80	1.000	----	----	20	UNCH	125.30B	24.10A
1395	----	81.00+	21.70	1.000	81.00+	21.70	1.000	----	----	14	UNCH	120.60B	22.20A
1400	----	76.00+	21.60	1.000	76.00+	21.60	1.000	----	----	23	UNCH	115.90B	20.40A
1405	----	71.00+	21.50	1.000	71.00+	21.50	1.000	----	----	14	UNCH	111.20B	18.70A
1410	----	66.00+	21.40	1.000	66.00+	21.40	1.000	----	----	23	UNCH	106.60B	17.20A
1415	----	61.00+	21.20	.999	61.00+	21.20	.999	----	----				



FINAL

PG47 BULLETIN #222@ E-MINI S&P 500 CALL OPTIONS Thu, Nov 16, 2017 PG47

Table with columns for time (1550-1825), status (----), price (.45B), and volume (17-80). Includes a TOTAL row at the bottom.

Table for DEC17 RTM EOM (FUTURES SETT. 2585.00 + 1990). Columns include price (121.70+), volume (19.40), and status (UNCH). Includes a TOTAL row at the bottom.

Table for JAN18 RTM EOM (FUTURES SETT. 106.40A). Columns include price (124.40+), volume (17.70), and status (UNCH). Includes a TOTAL row at the bottom.

Table for FEB18 RTM EOM (FUTURES SETT. 106.40A). Columns include price (123.80+), volume (17.10), and status (UNCH). Includes a TOTAL row at the bottom.