

- | DATA QUALITY: 1 issue(s) -- morning: model disagreement SEVERE (spread=0.44) -- low signal quality
- | 723.0C Call vol 1139x OI -- aggressive new positions
- | 672.0P Put vol 455x OI -- aggressive new positions
- | 673.0P Put vol 323x OI -- aggressive new positions

SIGNAL OVERVIEW

First 30min	BULL	63%	P(bull) 0.632	LOW CONVICTION
Morning	BEAR	52%	P(bull) 0.481	NO SIGNAL
Full Day	BEAR	63%	P(bull) 0.372	LOW CONVICTION

SESSION SCORECARD

First 30min	BULL 63%	->	pending
Morning	BEAR 52%	->	pending
Full Day	BEAR 63%	->	pending

MARKET CONTEXT

Overnight Gap	+0.26%	UP	VIX	25.2	HIGH -- gaps tend to continue
Prev Close	-1.04%		IBS	0.09	oversold -- expect bounce

EXPECT LARGE MOVES -- high VIX or wide prior range. Directional signals more reliable.

YESTERDAY (2026-03-16)

- 30m: BEAR 51% -> BULL (+0.36%) [X]
- morning: BEAR 72% -> BULL (+0.22%) [X]
- day: BEAR 70% -> FLAT (+0.09%) [-]

OPTIONS & GEX

Put Wall	\$660	OI: 164.5K	Call Wall	\$700	OI: 69.2K
Max Pain	\$675		GEX Flip	\$670	
P/C Ratio	1.94	Bearish hedging heavy	Net GEX	\$3899.1M	

NEGATIVE GAMMA -- Dealers short, moves amplified. Trend-follow.

PRICE LEVELS

\$700.00	Call Wall (+4.3%)	resistance
\$675.00	Max Pain (+0.6%)	expiry magnet
\$670.95	SPY	current
\$670.30	GEX Flip (-0.1%)	regime
\$660.00	Put Wall (-1.6%)	support

TRADING SCENARIOS

Scenario	GEX Behavior	Trade
Trending UP	Neg gamma amplifies	Buy 671C, tgt 700.0
Trending DOWN	Neg gamma amplifies	Buy 671P, tgt 660.0
Breaks < 670	Enters -gamma	Buy 671P, violent
Hits 700.0	Call wall resistance	Close 671C
Hits 660.0	Put wall support	Close 671P
Into close (2hrs)	Gravity to 675.0	Slight long bias

KEY STRIKES

Strike	Put OI	Call OI	Net GEX	Level
\$645	157.3K	4.6K	\$434.0M	
\$650	141.2K	27.4K	\$503.1M	
\$660	201.0K	14.2K	\$1497.4M	PUT WALL
\$670	66.9K	41.4K	\$432.6M	GEX FLIP *
\$671	13.3K	15.5K	\$1281.1M	SPY NOW
\$675	62.0K	32.2K	\$271.2M	MAX PAIN
\$680	52.1K	60.7K	\$87.7M	
\$685	45.6K	93.8K	\$204.5M	
\$700	11.5K	84.2K	\$1.2M	CALL WALL

IMPLIED VOLATILITY

IV Percentile

60th

ATM 18.9%

Vol-of-Vol

0.0554

normal regime

Skew (Weekly)

+0.077

0DTE: +0.08

FLOW SIGNALS

Open Interest Changes

No significant OI changes detected

Net Call OI: 0 | Net Put OI: 0 | Bias: +0.00

Volume Anomalies

Strike	Type	Volume	V/OI	Detail
723.0	C	1,139	1139x	Call vol 1139x OI -- aggressive new positions
672.0	P	628,981	455x	Put vol 455x OI -- aggressive new positions
673.0	P	365,830	324x	Put vol 323x OI -- aggressive new positions

Volume Concentration

Call HHI: 0.077 | Put HHI: 0.062

Top Calls: 672.0 (612,876), 673.0 (528,392), 675.0 (399,640)

Top Puts: 671.0 (711,190), 672.0 (628,981), 670.0 (564,664)

DEALER POSITIONING

Vanna Bull

\$660.0

-1.6% from spot

Vanna Bear

\$675.0

+0.6% from spot

Charm Pin

\$660.0

-1.6% from spot

Charm Accel

\$675.0

+0.6% from spot

Strike	Vanna	Charm	Net GEX	OI
640	5.5M	91.6M	192.3M	106.9K
641	3.2M	33.3M	121.3M	46.1K
645	9.7M	154.4M	434.0M	161.9K
650	9.0M	181.7M	503.1M	168.6K
655	5.8M	85.1M	419.6M	80.7K
658	3.0M	42.9M	249.8M	47.6K
660	13.9M	201.3M	1497.4M	215.3K
680	4.0M	120.4M	87.7M	110.5K
685	10.0M	148.6M	204.5M	138.9K
690	3.0M	87.2M	55.8M	97.0K

TRACK RECORD

Horizon	All	All %	High-Conf	HC %
30m	2/3	67%	2/2	100%
morning	1/3	33%	1/3	33%
day	3/3	100%	3/3	100%

RECENT HISTORY

Date	30m	Actual		Morn	Actual		Day	Actual	
03-17	B 63%	...		B 52%	...		B 63%	...	
03-16	B 51%	+0.4	X	B 72%	+0.2	X	B 70%	+0.1	--
03-13	B 60%	+0.2	Y	B 70%	-0.6	X	B 81%	-1.0	Y
03-12	B 85%	-0.3	Y	B 79%	-0.4	Y	B 86%	-0.8	Y
03-11	B 58%	+0.1	--	B 61%	+0.1	--	B 75%	-0.2	Y
03-10	B 72%	-0.3	Y	B 78%	+0.5	Y	B 80%	-0.1	--
03-09	B 56%	-0.3	Y	B 89%	+0.2	Y	B 97%	+1.8	Y
03-06	B 83%	-0.4	Y	B 68%	+0.2	Y	B 84%	-0.1	Y
03-05	B 58%	+0.4	X	B 61%	+0.0	--	B 89%	-0.1	--
03-04	B 57%	-0.1	--	B 89%	+0.6	Y	B 94%	+0.5	Y

Confidence thresholds: 30m: 75% | morning: 83% | day: 70% | Retrain: daily | Options Lab | For internal use only