



After 90 Minutes of Trading Analysis

28 March, 2025.

Executive Summary

Market Outlook: **BEARISH**

Key Indicators	<ul style="list-style-type: none">• SPX Chart: Strong downtrend, price hugging lower Bollinger Band• NYSE VOLD Ratio: Deeply negative and declining (heavy selling volume)• ADD: Consistently negative (more declining than advancing stocks)• TICK: Predominantly negative readings (downtick pressure)• ATR: Decreasing volatility suggesting potential consolidation• VIX: Sharp increase indicating heightened fear and uncertainty
Projected Scenarios (Ranked by Probability)	<ul style="list-style-type: none">• Continued Downtrend (70%): Broad-based selling pressure likely to persist• Brief Consolidation Before Further Decline (20%): Temporary pause followed by resumed selling• Short-Lived Technical Bounce (10%): Potential brief rally that would likely be sold into
Key Levels and Considerations	<ul style="list-style-type: none">• Selling pressure is broad-based, not isolated to specific sectors• Decreasing ATR but rising VIX suggests potential for volatile moves• Brief counter-trend rallies should be viewed with skepticism
Potential Strategy for 0DTE Traders	<ul style="list-style-type: none">• Maintain bearish bias through mid-day• Monitor for potential exhaustion signals near 180-minute mark• Increased hedging recommended for any long positions



Detailed Chart Breakdowns

Let's analyze the first chart, the SPX (S&P 500) Chart with Bollinger Bands, VWAP, and ATR Stop Loss.

Analysis of the SPX Chart with Bollinger Bands:

- **Downtrend:** The most striking feature is the clear and consistent downtrend. The price action is characterized by a series of lower highs and lower lows, indicating strong bearish momentum.
- **Bollinger Bands:** The price is consistently hugging the lower Bollinger Band. This is a classic sign of a strong downtrend. When prices continually touch or break below the lower band, it suggests that the selling pressure is intense and the trend is likely to continue.
- **VWAP (Volume Weighted Average Price):** The VWAP (orange line) is above the current price, indicating that the average price of shares traded so far is higher than the current market price. This reinforces the bearish sentiment, as it suggests that many traders are "underwater" (holding losing positions).
- **ATR Stop Loss Line (Black Line):** The ATR Stop Loss line is also trending downwards, closely following the price action. This indicates increasing volatility in the downtrend, as the Average True Range (ATR) widens.
- **Candlestick Patterns:** The chart shows a mix of red (down) and green (up) candles, but the red candles are generally larger and more frequent. This further supports the bearish bias. The recent small green candles might indicate a slight pause or consolidation, but do not yet signal a trend reversal.

Potential Implications for the Rest of the Trading Day:

Based on this analysis, the rest of the trading day is likely to continue with bearish sentiment. Here's a breakdown of possible scenarios:

1. **Continuation of the Downtrend:** Given the strong downtrend and the price action near the lower Bollinger Band, the most likely scenario is that the downtrend will persist. We could see further price declines and potentially new lows for the day.
2. **Consolidation/Minor Pullback:** The recent small green candles might indicate a temporary consolidation or a minor pullback. However, without a significant change in volume or a break above the VWAP, this is unlikely to signal a trend reversal. Any pullback is likely to be short-lived and followed by further selling.
3. **Increased Volatility:** The widening ATR suggests that volatility is increasing. This means that price swings could be larger and more rapid, both to the downside and possibly during any short-lived pullbacks.
4. **Break Below Key Support Levels:** If the price breaks below significant support levels (which would need to be identified on a larger timeframe chart), it could trigger further selling and accelerate the downtrend.

Important Considerations:

- **Context is Key:** This analysis is based solely on the SPX chart. To get a more complete picture, it's crucial to consider the other charts you've provided (NYSE VOLD Ratio, ADD, TICK, 5-minute ATR, and VIX). These charts will provide additional insights into market breadth, momentum, and volatility.
- **News and Economic Data:** Any unexpected news or economic data releases during the trading day could significantly impact price action.

In summary, the SPX chart strongly suggests that the bearish trend is likely to continue for the rest of the trading day. Traders should be cautious and consider potential short-selling opportunities or protective strategies.



Let's analyze the NYSE VOLD Ratio Chart.

Analysis of the NYSE VOLD Ratio Chart:

- **Strong Negative Trend:** The chart shows a consistently strong negative trend throughout the trading session. The VOLD ratio has been falling steadily and significantly, reaching deeply negative levels.
- **Dominance of Declining Volume:** As per your explanation, a negative VOLD ratio indicates that the cumulative volume of declining stocks is significantly higher than the cumulative volume of advancing stocks. This signifies strong selling pressure and a bearish market sentiment.
- **Increasing Selling Pressure:** The steepness of the decline suggests that selling pressure has been increasing throughout the session. The rate of decline appears to accelerate as the session progresses, indicating growing bearish momentum.
- **Lack of Bullish Divergence:** There are no signs of bullish divergence or any indication of a potential reversal. The VOLD ratio is consistently making lower lows, confirming the strength of the downtrend.

Implications for the Rest of the Trading Day:

Based on this analysis, the NYSE VOLD Ratio strongly supports the bearish outlook suggested by the SPX chart. Here's what we can infer:

1. **Reinforced Bearish Sentiment:** The deeply negative VOLD ratio confirms the strong selling pressure and bearish sentiment observed in the SPX chart. This suggests that the downtrend is not just limited to a few stocks but is widespread across the NYSE.
2. **Continued Market Weakness:** The persistent negative VOLD ratio indicates that the market is likely to remain weak for the rest of the trading day. Any attempts at a rally are likely to be met with strong selling pressure.
3. **Potential for Further Declines:** The accelerating decline in the VOLD ratio suggests that the selling pressure could intensify, potentially leading to further declines in the overall market.
4. **Confirmation of Downtrend:** The VOLD ratio provides a strong confirmation of the downtrend observed in the SPX chart. It indicates that the decline is broad-based and supported by significant volume.

Correlation with SPX Chart:

The NYSE VOLD Ratio chart aligns perfectly with the bearish signals observed in the SPX chart. Both charts point towards strong selling pressure, bearish sentiment, and a likely continuation of the downtrend.

Important Considerations:

- **Market Breadth:** The VOLD ratio provides valuable insights into market breadth. The consistently negative reading indicates that the decline is not just limited to a few large-cap stocks but is widespread across the market.
- **Confirmation of Sentiment:** The VOLD ratio helps to confirm the underlying market sentiment. In this case, it confirms the strong bearish sentiment suggested by the SPX chart.

In summary, the NYSE VOLD Ratio chart reinforces the bearish outlook and suggests that the market is likely to remain weak for the rest of the trading day. The strong selling pressure and lack of bullish divergence indicate that further declines are possible.



Let's analyze the ADD Chart.

Analysis of the ADD Chart:

- Overall Negative Trend: The ADD chart shows a predominantly negative trend throughout the trading session. This indicates that the number of declining stocks has significantly outweighed the number of advancing stocks.
- Sharp Decline: The chart shows a sharp decline, particularly in the earlier part of the session. This suggests a strong initial wave of selling pressure.
- Consistently Negative Readings: The ADD line (red line) remains consistently below zero, indicating that there have been more declining stocks than advancing stocks for the majority of the trading session.
- Lack of Recovery: There are no significant signs of recovery or bullish divergence. The ADD line continues to trend downwards, suggesting that the selling pressure is persistent.
- Black Line (Smoothed ADD?): The black line, which appears to be a smoothed average of the ADD line, also follows the negative trend. This reinforces the bearish sentiment and suggests that the overall trend is consistent and not just a short-term fluctuation.

Implications for the Rest of the Trading Day:

Based on the ADD chart, we can infer the following:

1. Confirmation of Bearish Breadth: The consistently negative ADD readings confirm the bearish breadth observed in the VOLD ratio. This indicates that the selling pressure is widespread across the market, affecting a large number of stocks.
2. Continued Market Weakness: The persistent negative ADD readings suggest that the market is likely to remain weak for the rest of the trading day. Any attempts at a rally are likely to be met with strong selling pressure.
3. Reinforcement of Downtrend: The ADD chart reinforces the downtrend observed in the SPX chart and the bearish sentiment indicated by the VOLD ratio. It suggests that the decline is broad-based and supported by a significant number of declining stocks.
4. Limited Potential for Recovery: The lack of any significant recovery or bullish divergence in the ADD chart suggests that the market is unlikely to experience a strong rebound in the near term.

Correlation with Previous Charts:

The ADD chart aligns perfectly with the bearish signals observed in the SPX chart and the NYSE VOLD Ratio chart. All three charts point towards strong selling pressure, bearish sentiment, and a likely continuation of the downtrend.

Important Considerations:

- Market Breadth: The ADD chart provides valuable insights into market breadth. The consistently negative readings indicate that the decline is not just limited to a few large-cap stocks but is widespread across the market.
- Confirmation of Sentiment: The ADD chart helps to confirm the underlying market sentiment. In this case, it confirms the strong bearish sentiment suggested by the SPX chart and the VOLD ratio.

In summary, the ADD chart reinforces the bearish outlook and suggests that the market is likely to remain weak for the rest of the trading day. The strong selling pressure and lack of bullish divergence indicate that further declines are possible.



Let's analyze the TICK Chart.

Analysis of the TICK Chart:

- **Predominantly Negative Readings:** The TICK chart shows a majority of readings below zero, indicating that more stocks are trading on downticks than on upticks.
- **Fluctuations Around Zero:** The TICK chart exhibits significant fluctuations, with readings oscillating around the zero line. This suggests periods of both selling and buying pressure, but the overall trend remains bearish.
- **Yellow Line (Average TICK):** The yellow line, representing the average TICK, is consistently below zero for a significant portion of the session, confirming the bearish trend.
- **Sharp Drops and Spikes:** The chart shows sharp drops into deeply negative territory, followed by occasional spikes into positive territory. However, the positive spikes are generally short-lived and fail to sustain any upward momentum.
- **Recent Downward Trend:** Towards the end of the chart, the TICK readings are trending downwards again, indicating renewed selling pressure.

Implications for the Rest of the Trading Day:

Based on the TICK chart, we can infer the following:

1. **Confirmation of Bearish Sentiment:** The predominantly negative TICK readings confirm the bearish sentiment observed in the previous charts (SPX, VOLD, ADD).
2. **Short-Term Volatility:** The fluctuations in the TICK chart suggest that there is short-term volatility and potential for brief rallies. However, these rallies are likely to be met with selling pressure, as indicated by the overall negative trend.
3. **Continued Market Weakness:** The consistently negative average TICK (yellow line) suggests that the market is likely to remain weak for the rest of the trading day.
4. **Potential for Further Declines:** The recent downward trend in the TICK readings indicates that selling pressure may be increasing, potentially leading to further declines in the overall market.

Correlation with Previous Charts:

The TICK chart aligns with the bearish sentiment observed in the previous charts. While it shows some short-term fluctuations, the overall trend and the average TICK line confirm the prevailing bearish sentiment.

Important Considerations:

- **Short-Term Momentum:** The TICK chart provides valuable insights into short-term momentum. The predominantly negative readings indicate that the short-term momentum is bearish.
- **Confirmation of Sentiment:** The TICK chart helps to confirm the underlying market sentiment. In this case, it confirms the strong bearish sentiment suggested by the SPX chart, VOLD ratio, and ADD chart.

In summary, the TICK chart reinforces the bearish outlook and suggests that the market is likely to remain weak for the rest of the trading day. While there may be short-term fluctuations, the overall trend and the average TICK line indicate that selling pressure is likely to persist.



Let's analyze the 5-minute ATR (Average True Range) Chart.

Analysis of the 5-minute ATR Chart:

- **Initial High Volatility:** The chart starts with relatively high ATR values, indicating significant volatility in the early part of the trading session.
- **Decreasing Volatility:** Overall, the ATR shows a trend of decreasing volatility as the session progresses. The ATR values decline from the initial highs to lower levels.
- **Recent Sharp Decline:** The most recent part of the chart shows a sharp decline in the ATR. This suggests a significant decrease in volatility towards the end of the observed period.
- **No Clear Upward Trend:** There is no clear upward trend or sustained increase in volatility throughout the session.

Implications for the Rest of the Trading Day:

Based on the 5-minute ATR chart, we can infer the following:

1. **Decreasing Volatility:** The overall trend of decreasing volatility suggests that the market may be entering a period of consolidation or reduced price swings.
2. **Potential for Slowdown:** The sharp decline in ATR towards the end of the chart indicates that the market may be experiencing a slowdown in price action.
3. **Limited Potential for Large Price Swings:** The decreasing volatility suggests that large price swings are less likely for the rest of the trading day.
4. **Confirmation of Downtrend Exhaustion (Potentially):** While the decline in ATR doesn't necessarily indicate a trend reversal, it might suggest that the strong downtrend observed earlier is losing momentum. It could signal a period of consolidation before a potential continuation of the downtrend or a minor pullback.

Correlation with Previous Charts:

The 5-minute ATR chart provides a slightly different perspective compared to the previous charts. While the previous charts indicated strong bearish sentiment and potential for further declines, the ATR chart suggests decreasing volatility. This could mean:

- **Downtrend Exhaustion:** The strong downtrend observed earlier might be losing momentum.
- **Consolidation Period:** The market might be entering a period of consolidation before a potential continuation of the downtrend or a minor pullback.

Important Considerations:

- **Volatility as a Confirmation:** ATR is a measure of volatility, not trend direction. It helps to understand the magnitude of price swings.
- **Context is Key:** It's crucial to consider the ATR chart in the context of the other charts. While the ATR suggests decreasing volatility, the overall market sentiment remains bearish.

In summary, the 5-minute ATR chart suggests decreasing volatility, which could indicate a potential slowdown or consolidation in the market. However, the overall bearish sentiment observed in the previous charts remains a significant factor to consider.



Let's analyze the VIX Chart.

Analysis of the VIX Chart:

- **Sharp Increase:** The most prominent feature of the VIX chart is the sharp increase in the VIX towards the end of the observed period. This indicates a sudden surge in market volatility.
- **Low Initial Volatility:** The VIX started the session at relatively low levels, indicating low initial market volatility.
- **Gradual Increase Followed by Spike:** There's a gradual increase in the VIX during the earlier part of the session, followed by a dramatic spike. This suggests that while volatility was increasing, it wasn't until later in the session that it experienced a significant surge.
- **Confirmation of Fear/Uncertainty:** A rising VIX generally reflects increased fear and uncertainty in the market.

Implications for the Rest of the Trading Day:

Based on the VIX chart, we can infer the following:

1. **Increased Fear and Uncertainty:** The sharp increase in the VIX indicates a significant rise in fear and uncertainty among market participants.
2. **Potential for Further Market Declines:** A rising VIX is often associated with market declines. The surge in the VIX suggests that the market may experience further downward pressure.
3. **Confirmation of Bearish Sentiment:** The VIX chart confirms the bearish sentiment observed in the previous charts (SPX, VOLD, ADD, TICK).
4. **Increased Volatility:** The rising VIX indicates that volatility is likely to remain elevated for the rest of the trading day.
5. **Potential for Sharp Price Swings:** The increased volatility suggests that there is a higher probability of sharp price swings in the market.

Correlation with Previous Charts:

The VIX chart aligns perfectly with the bearish sentiment observed in the previous charts. While the 5-minute ATR chart suggested decreasing volatility, the VIX chart indicates a surge in implied volatility, which is a different measure. The VIX reflects market expectations of future volatility, while the ATR reflects historical volatility.

Important Considerations:

- **VIX as a Fear Gauge:** The VIX is often referred to as the "fear gauge" because it reflects market expectations of volatility.
- **Inverse Correlation with SPX:** The VIX typically has an inverse correlation with the SPX. A rising VIX often coincides with a falling SPX.
- **Confirmation of Downtrend:** The rising VIX confirms the strength of the downtrend observed in the SPX chart and the bearish sentiment indicated by the other charts.

In summary, the VIX chart reinforces the bearish outlook and suggests that the market is likely to remain weak for the rest of the trading day. The sharp increase in the VIX indicates increased fear and uncertainty, which could lead to further market declines and increased volatility.



Overall Conclusion:

Based on the analysis of all six charts, the bearish outlook is strongly supported. The SPX chart shows a clear downtrend, confirmed by the consistently negative readings in the VOLD, ADD, and TICK charts. The rising VIX indicates increased fear and uncertainty, while the 5-minute ATR suggests decreasing historical volatility (potentially signaling consolidation).

For the rest of the trading day, traders should be cautious and consider potential short-selling opportunities or protective strategies. The market is likely to remain weak, with the potential for further declines and increased volatility.

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