

Quintile Analysis Engine Report V3.2

QAE Guide / Contact

By Simon Hobbs



System Fundamentals

www.system-fundamentals.com

Minimal guide provided below
→ See 'QAE Guide' for more details



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The **QAE Product** transforms 2 sets of cardinal daily metrics into ordinal **Q-Bands**, ranking and counting them across **Fixed Timeframes** using **Reverse Chronology**. The dataset is a closed 365/366-day historical envelope anchored to **Newest Date**. QAE processes 2 metric sets through 2 independent lenses: **M1 Baseline (BL)** and **M2 Reaction (RL)**. QAE is strictly historical making yesterday the newest allowable date.

Metric 1 - M1 → Baseline Lens **○_BL =**

Metric 2 - M2 → Reaction Lens **△_RL =**

Ranked by absolute state within the Complete One-Year Range

Reshaped to Reaction Intensity from Prior State then Ranked abs 1yr range

Border colors indicate timeframes

1 Month

3 Months

6 Months

1 Year

Distant 6M

All containers show identification badges for timeframes plus lens type with metric identity

Reserved space: Automated system status and integration details

QAE - Quintile Analysis Engine
LEADING EDGE PAGE
* Stock Market Skin *

REPORT TITLE: nVidia / NVDA / 2025 / NY / Metric 1 Volume / Metric 2 Close Price USD / EDT UTC -4hrs

Newest: Dec 31, 2025

Oldest: Jan 1, 2025

Newest Active Date: Dec 31, 2025

UTC-04:00 Atlantic Canada / Venezuela

QAE Timestamp: 2026-06-19 | 20:18:04

Day Count
365

Active Days
250

Participation
68.49%

○_BL_M1 Baseline1 Year

Newest Active Dec 31, 2025
Volume
120,100,492
Weak
Consecutive Days
(no direction) Weak = 5

Lowest Volume
Dec 24, 2025
65,528,551

Highest Volume
Jan 27, 2025
818,830,938

Baseline Lens Q-Band M1
Volume Cut-Offs

Weak | Up To - 154,059,240.60

Moderate | Up To - 181,907,565.40

Median | Up To - 217,864,109.00

Strong | Up To - 268,848,824.80

Peak | Up To - 818,830,938.00

△_RL_M2 Reaction1 Year

Newest Active Dec 31, 2025
Close Price USD % Change
0.555% = 186.5
Weak ▼
Consecutive Days
Weak ▼ = 2
(no direction) Weak = 2

Lowest % Change
Jan 8, 2025
0.021%

Highest % Change
Apr 9, 2025
18.723%

Reaction Lens Q-Band M2
Close Price % Change Cut-Offs

Weak | Up To - 0.5721%

Moderate | Up To - 1.1108%

Median | Up To - 2.0539%

Strong | Up To - 3.3397%

Peak | Up To - 18.7227%

○_BL_M1 Baseline & △_RL_M2 ReactionNewest Historical Activity1 Year

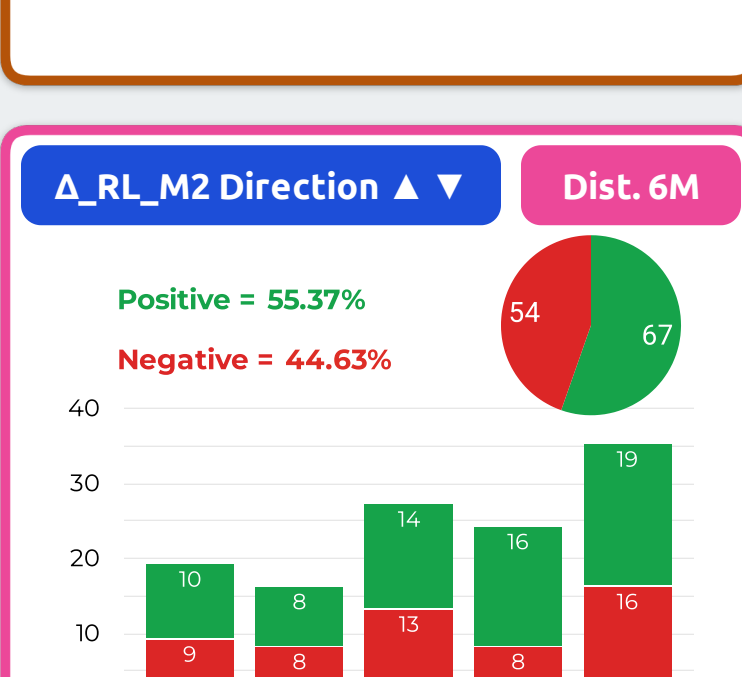
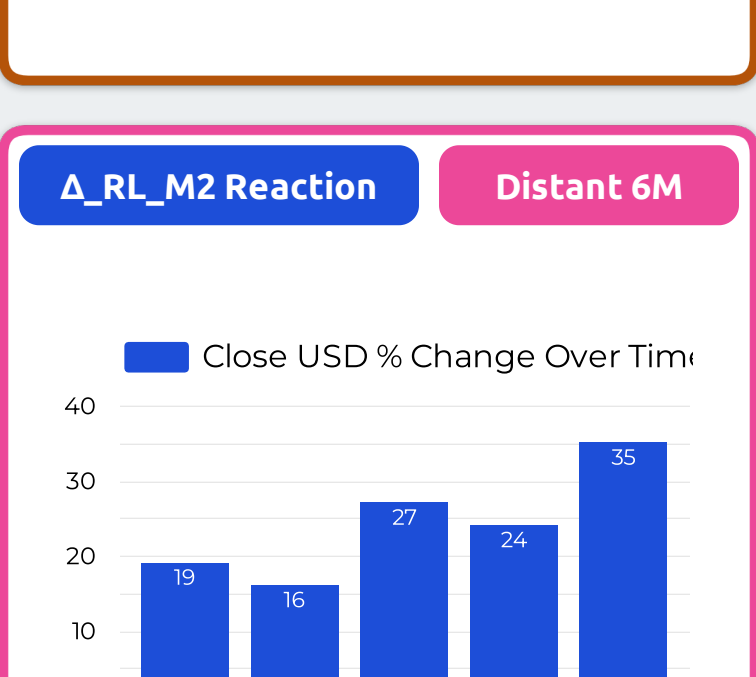
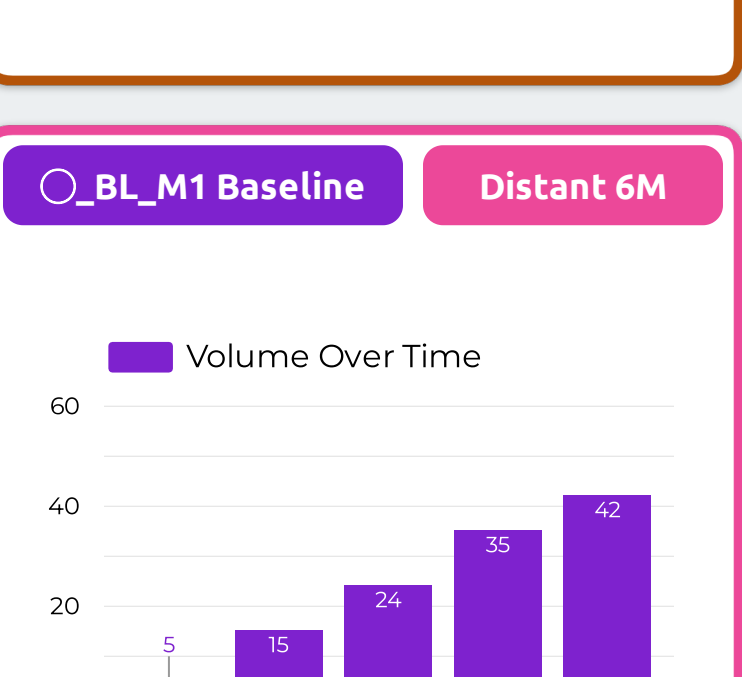
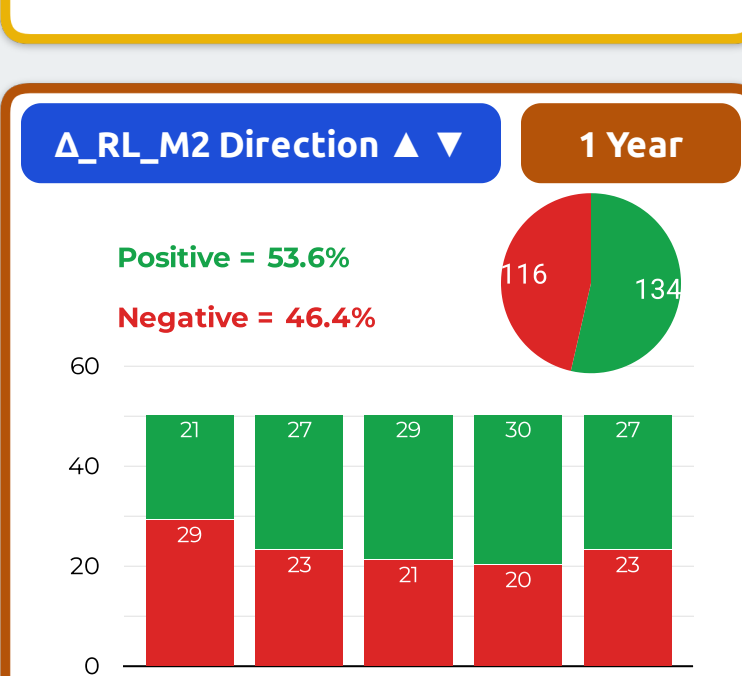
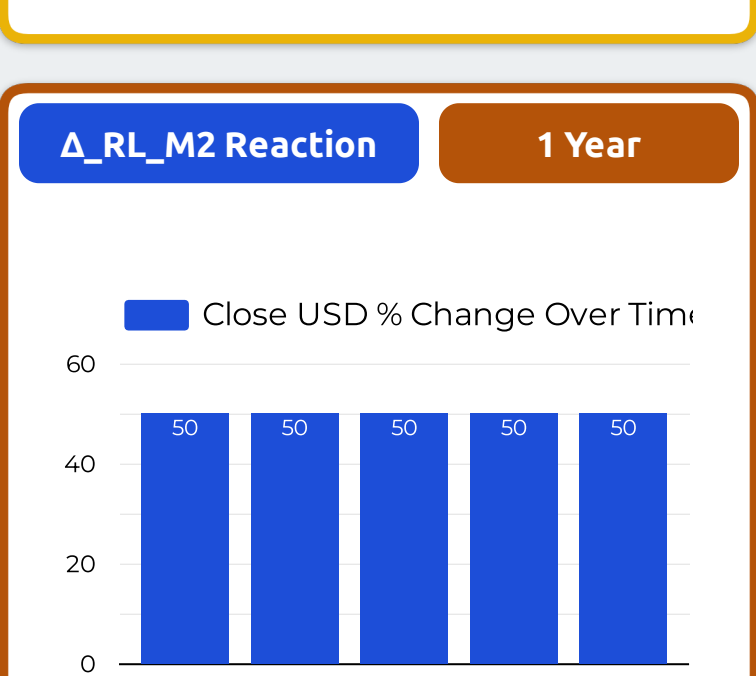
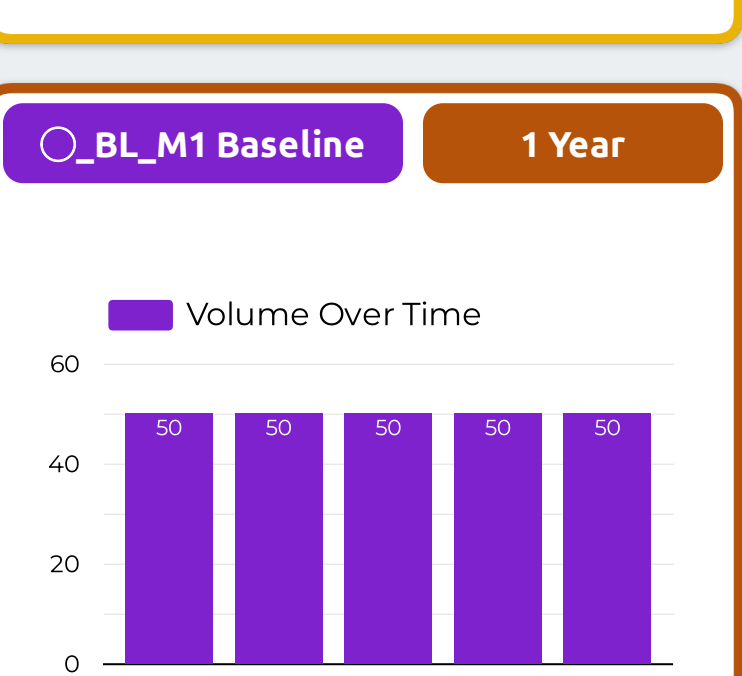
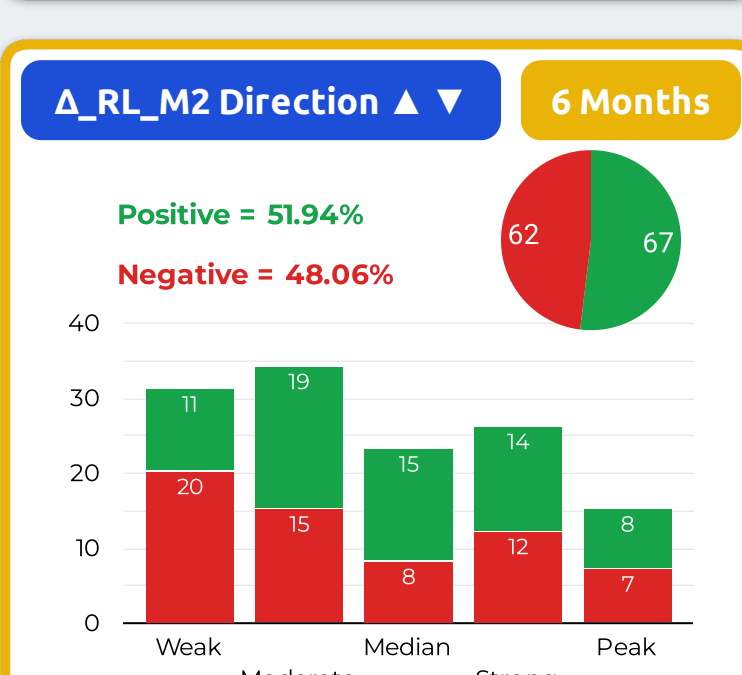
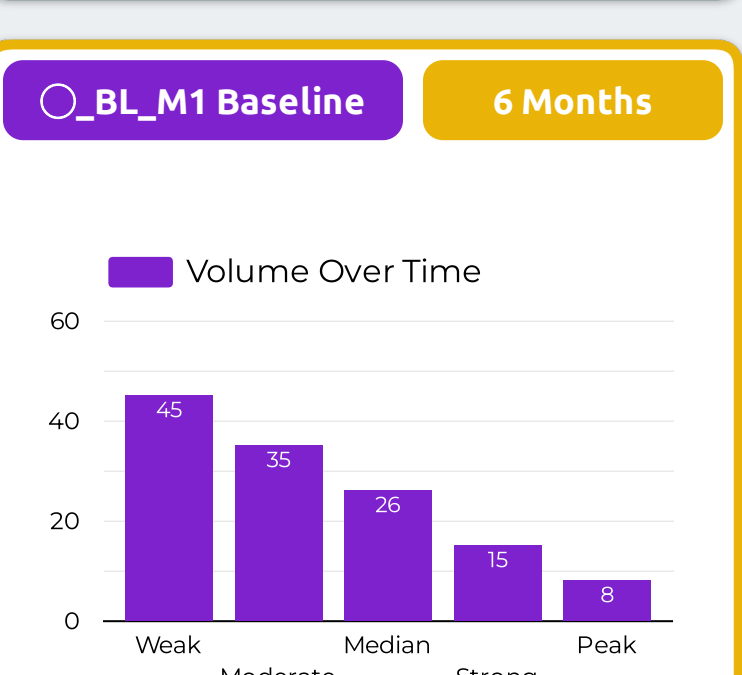
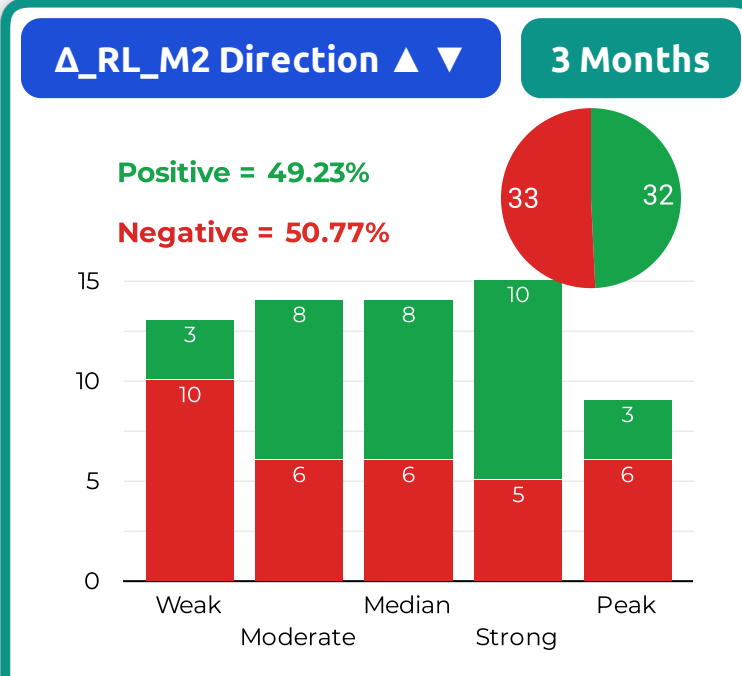
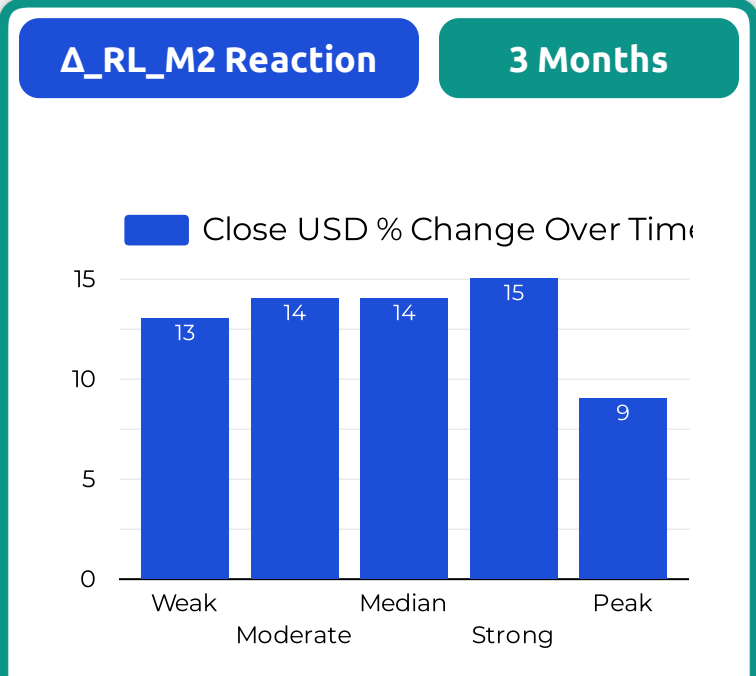
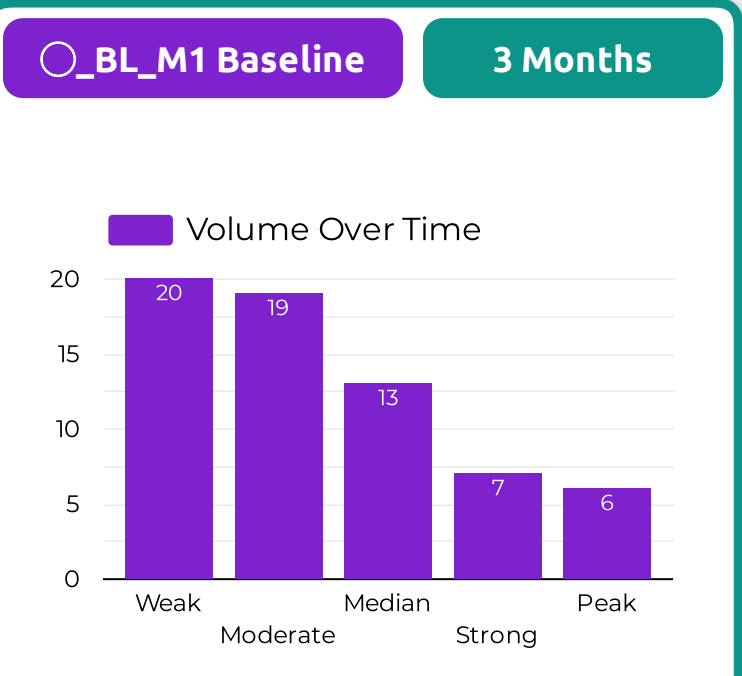
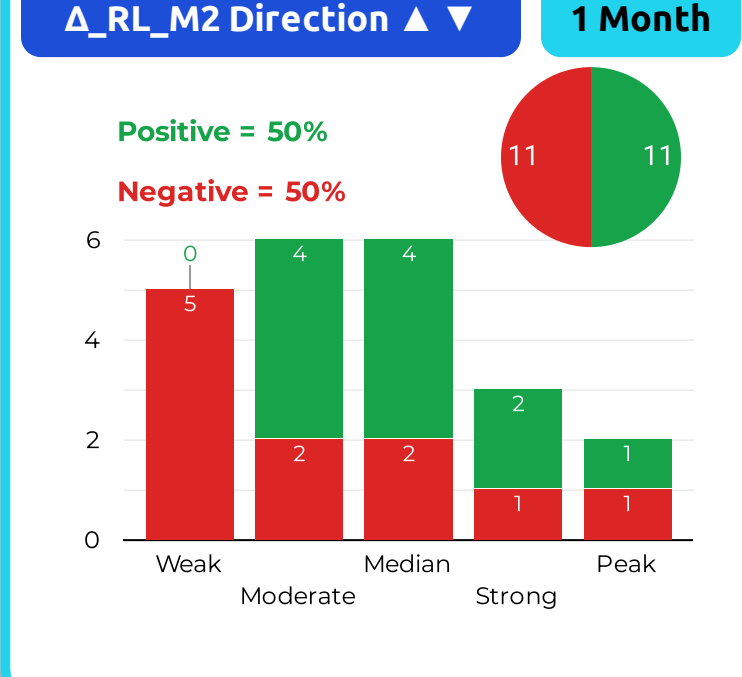
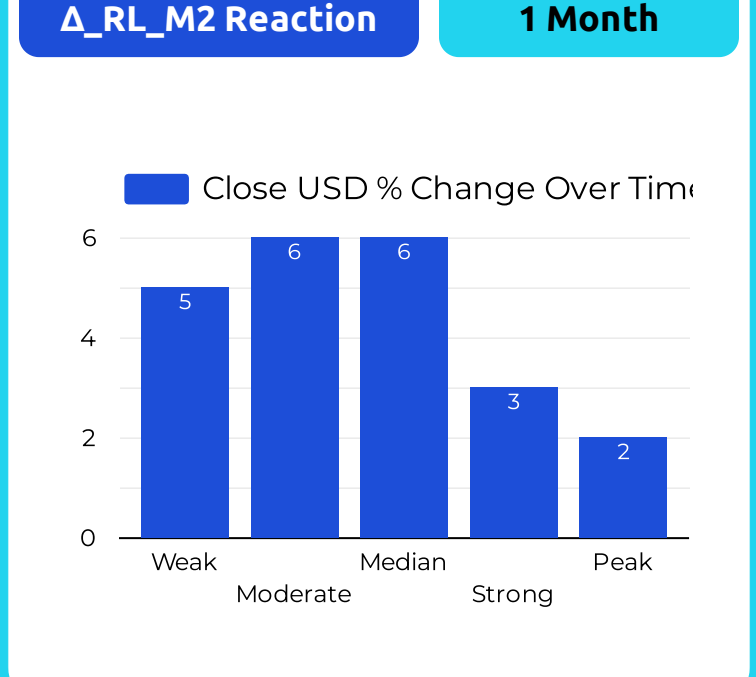
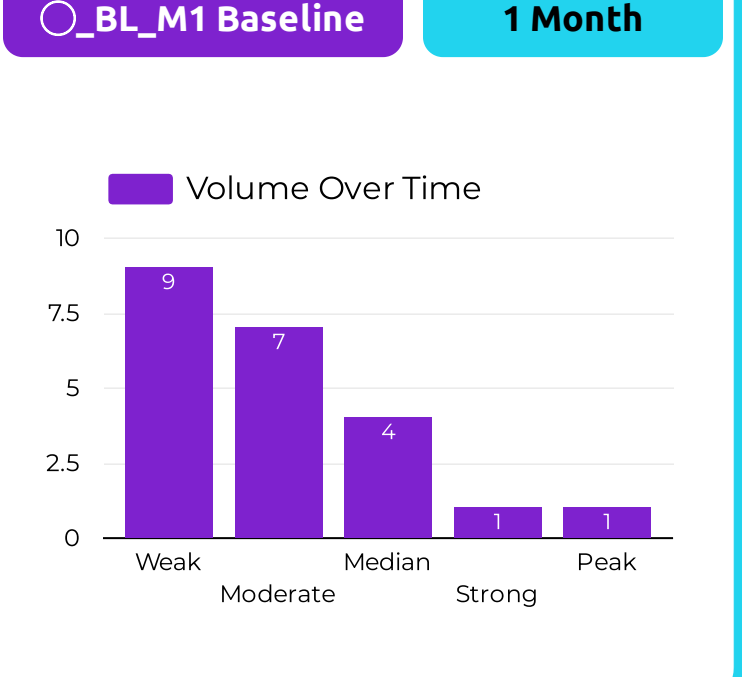
Local History Q-Bands: M1 = Volume | M2 = Close Price % ChangePeak - Volume M1Peak - Price % Change M2

Date	○_BL_M1	Position	△_RL_M2
Dec 31, 2025	Weak	First Active Date	Weak ▼
Dec 30, 2025	Weak	2nd Active Date	Weak ▼
Dec 29, 2025	Weak	3rd	Median ▼
Dec 26, 2025	Weak	4th	Moderate ▲
Dec 24, 2025	Weak	5th	Weak ▼
Dec 23, 2025	Moderate	6th	Strong ▲
Dec 22, 2025	Weak	7th	Median ▲
Dec 19, 2025	Peak	8th	Peak ▲
Dec 18, 2025	Moderate	9th	Median ▲
Dec 17, 2025	Strong	10th	Peak ▼

Peak List	Date_○_BL...
1	Dec 19, 2025
2	Nov 25, 2025
3	Nov 21, 2025
4	Nov 20, 2025
5	Oct 29, 2025
6	Oct 28, 2025
7	Sep 22, 2025
8	Aug 28, 2025
9	Jun 25, 2025
10	May 30, 2025

Peak List	Date_△_RL...
1	Dec 19, 2025
2	Dec 17, 2025
3	Nov 13, 2025
4	Nov 10, 2025
5	Nov 6, 2025
6	Nov 4, 2025
7	Oct 28, 2025
8	Oct 14, 2025
9	Oct 10, 2025
10	Sep 22, 2025

Q-Band Counts 5 Timeframes: M1 = Volume | M2 = Close Price % Change plus Directional Polarity Bias



△_RL_M2 Reaction△_RL_M2 Average % Change (Timeframes)Mixed Timeframes

△_RL_M2 Average Close USD % Change

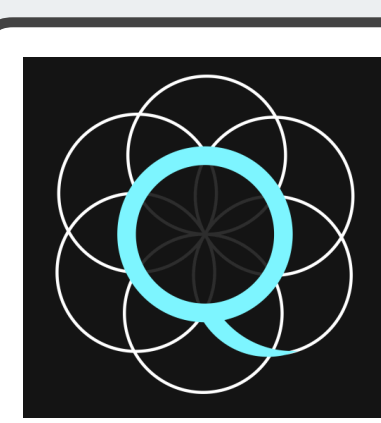
Timeframe Period	Average Reaction
10 Active Days	1.67%
1 Month	1.49%
3 Months	1.85%
6 Months	1.6%
1 Year	2.18%
Distant 6 Months	2.79%

Additional Overlay details which so far seem useful with stable stock market data.

Reshaped Metric Values showing the Reaction Intensity averages over different timeframes.

An Overlay of Reaction Intensity as %, not quantile ranked.

These are non-negative % values before Ordinal Ranking.

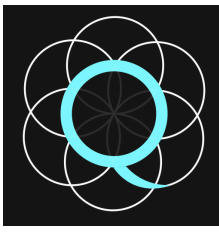


Version 3.1 - 31 May 2026

- New Dew Point Skin
- Improved decimal point handling in QAE Engine
- Added optional Random Micro Jitter (Multiplicative)
- Added optional Random Micro Jitter for Zeros (Additive)
- Added optional Ground Zero Constant Offset
- Corrected the Weak to Peak direction on heatmaps

Version 3.2 - 20 June 2026

- Reaction % primary container. Corrected the number rounding on the panel
- Minor adjustments



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→ Baseline Lens

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Ranked by absolute state within the Complete One-Year Range

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Reshaped to Reaction Intensity from Prior State then Ranked abs 1yr range

All containers show identification badges for timeframes plus lens type with metric identity

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1 Month

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SEASONAL BACK-STITCH PAGE

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NVIDIA

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○_BL_M1 Baseline

1 Year

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○_BL_M1 Baseline

&

△_RL_M2 Reaction

Newest Historical Activity

1 Year

Local History Q-Bands: M1 = Volume | M2 = Close Price % Change

Peak - Volume M1

Peak - Price % Change M2

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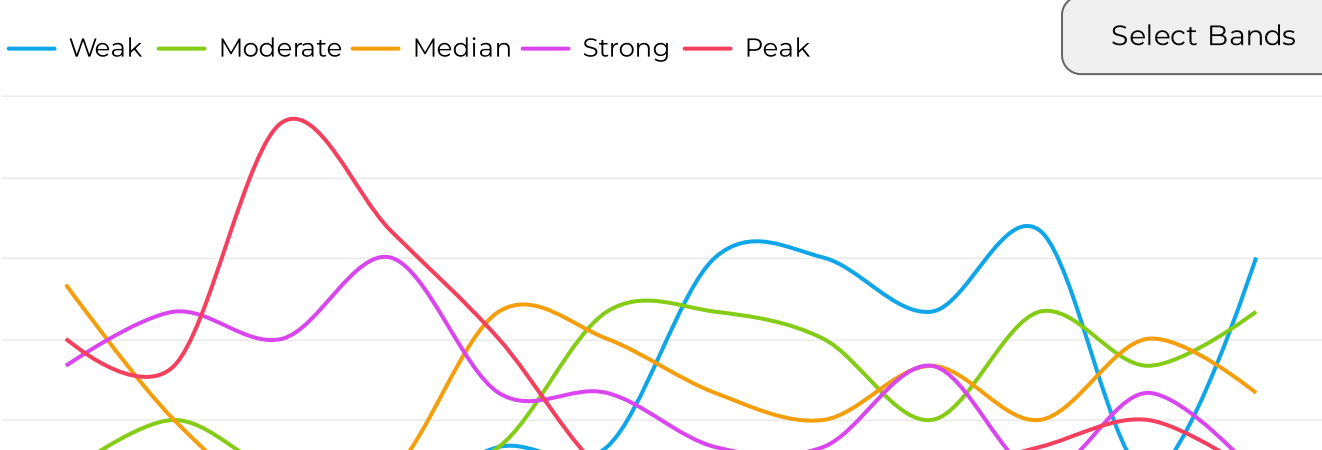
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Monthly Q-Band Counts: ON-TOP M1 = Volume ---- BELOW M2 = Close Price USD % Change

○_BL_M1 Baseline

Monthly Q-Band Volume Trajectory

1 Year



○_BL_M1 Baseline

Monthly Q-Band Volume Dispersion

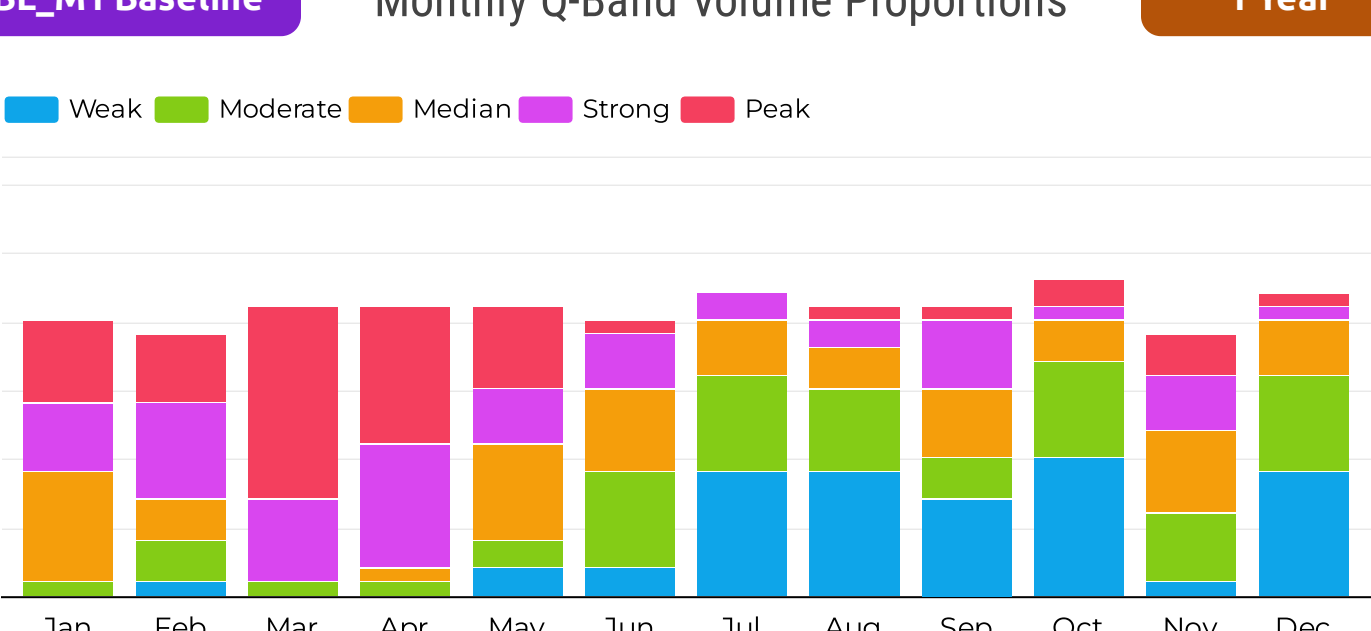
1 Year

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Peak	6	5	14	10	6	1	0	1	1	2	3	1
Strong	5	7	6	9	4	4	2	2	5	1	4	1
Median	8	3	0	1	7	6	4	3	5	3	6	4
Moderate	1	3	1	1	2	7	7	6	3	7	5	7
Weak	0	1	0	0	2	2	9	9	7	10	1	9

○_BL_M1 Baseline

Monthly Q-Band Volume Proportions

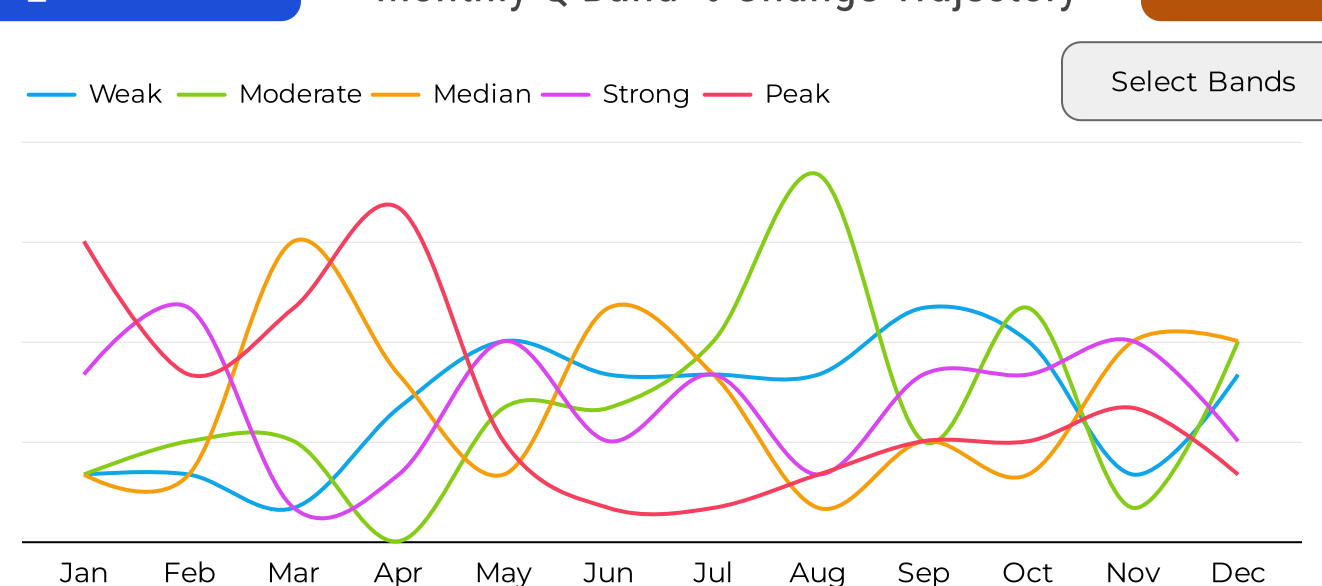
1 Year



△_RL_M2 Reaction

Monthly Q-Band % Change Trajectory

1 Year



△_RL_M2 Reaction

Monthly Q-Band % Change Dispersion

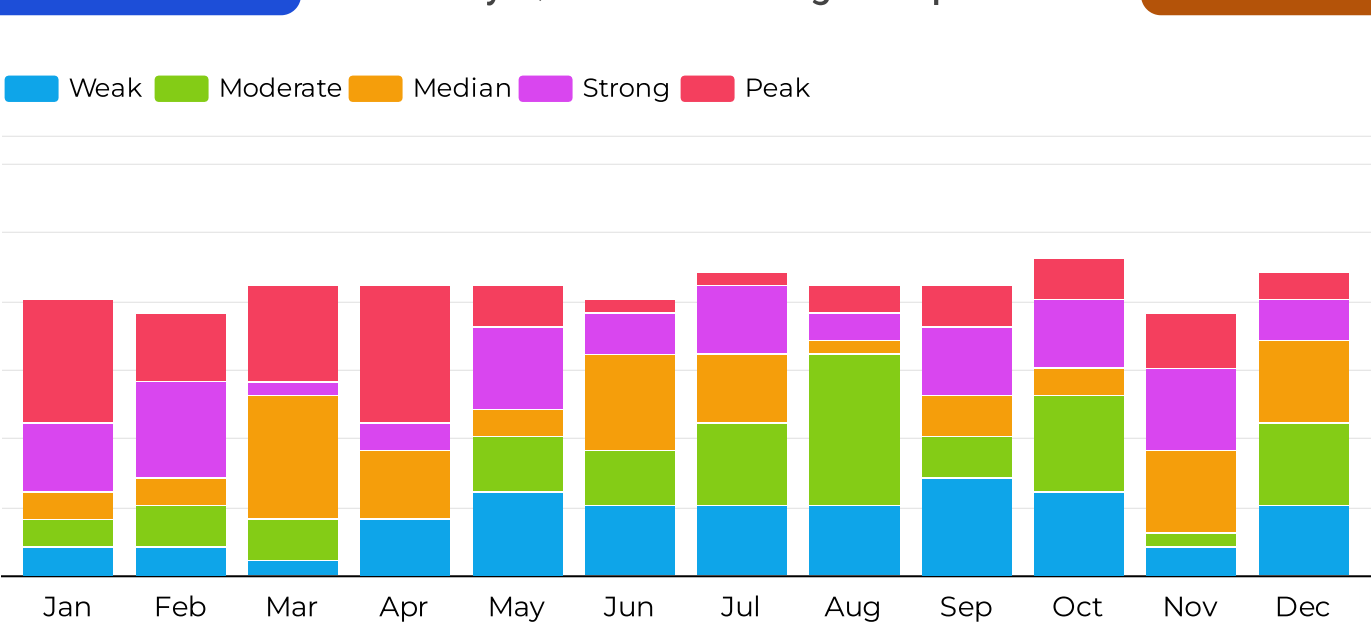
1 Year

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Peak	9	5	7	10	3	1	1	2	3	3	4	2
Strong	5	7	1	2	6	3	5	2	5	5	6	3
Median	2	2	9	5	2	7	5	1	3	2	6	6
Moderate	2	3	3	0	4	4	6	11	3	7	1	6
Weak	2	2	1	4	6	5	5	5	7	6	2	5

△_RL_M2 Reaction

Monthly Q-Band % Change Proportions

1 Year



△_RL_M2 Direction ▲ ▼

Monthly Reaction Directional Polarity

1 Year

