

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 **Q_BL =**

Metric 2 - M2 → Reaction Lens **Δ_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: NVDA / 2026-07-02 / NY / Metric 1 Volume / Metric 2 Close Price USD / EDT UTC -4hrs

Newest: Jul 2, 2026

Oldest: Jul 3, 2025

Newest Active Date: Jul 2, 2026

UTC-04:00 Atlantic Canada / Venezuela

QAE Timestamp: 2026-07-03 | 07:39:03

Day Count
365

Active Days
251

Participation
68.77%

Q_BL_M1 Baseline

1 Year

Newest Active Jul 2, 2026
Volume

142,385,500

Moderate

Consecutive Days
(no direction) Moderate = 2

Lowest Volume
Dec 24, 2025
65,528,551

Highest Volume
Feb 26, 2026
360,807,906

Baseline Lens Q-Band M1
Volume Cut-Offs

Weak | Up To - 140,023,500.00

Moderate | Up To - 158,643,203.00

Median | Up To - 177,731,203.00

Strong | Up To - 204,019,594.00

Peak | Up To - 360,807,906.00

Δ_RL_M2 Reaction

1 Year

Newest Active Jul 2, 2026
Close Price USD % Change

1.392%
= 194.83

Median ▼

Consecutive Days
Median ▼ = 2
(no direction) Median = 2

Lowest % Change
May 4, 2026
0.015%

Highest % Change
Feb 6, 2026
7.872%

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

Weak | Up To - 0.5612%

Moderate | Up To - 1.0225%

Median | Up To - 1.7202%

Strong | Up To - 2.8172%

Peak | Up To - 7.8718%

Q_BL_M1 Baseline

&

Δ_RL_M2 Reaction

Newest Historical Activity

1 Year

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

Peak - Volume M1

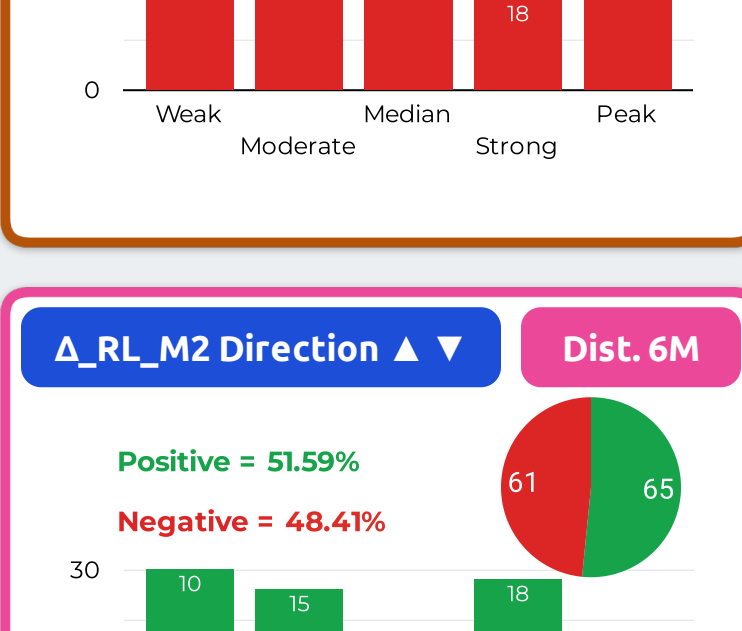
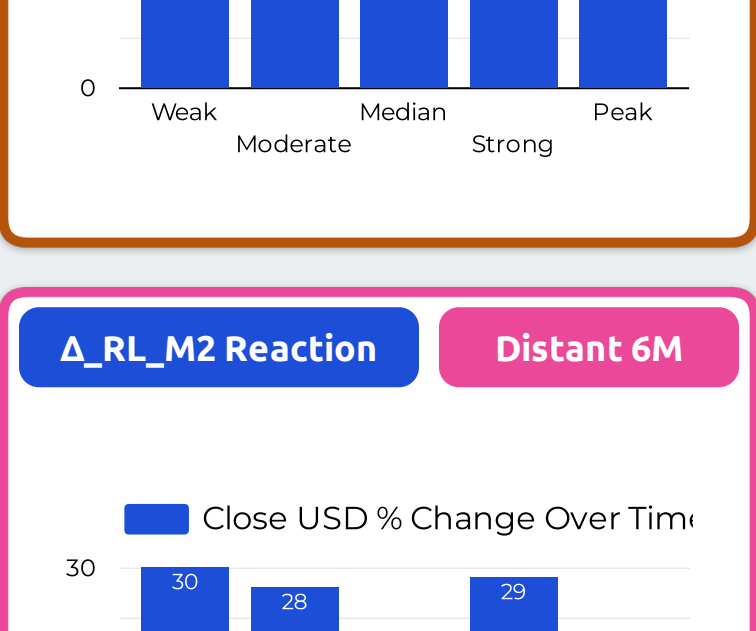
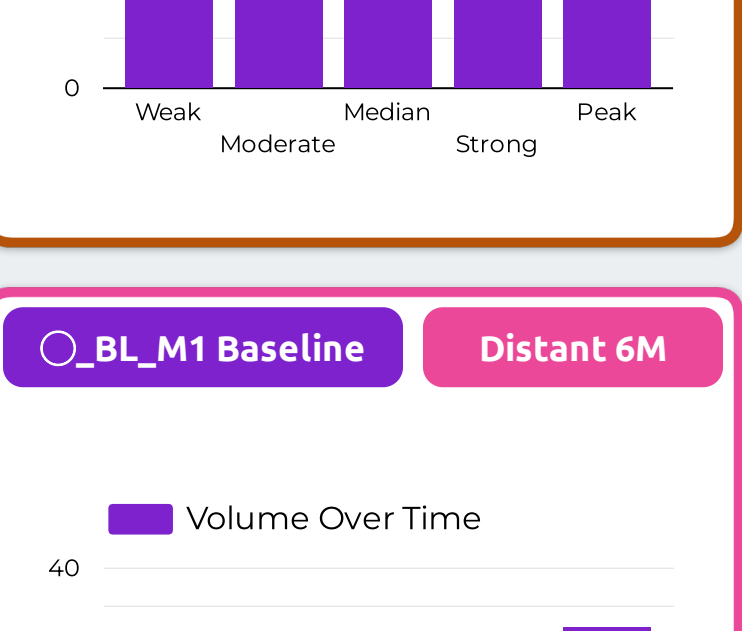
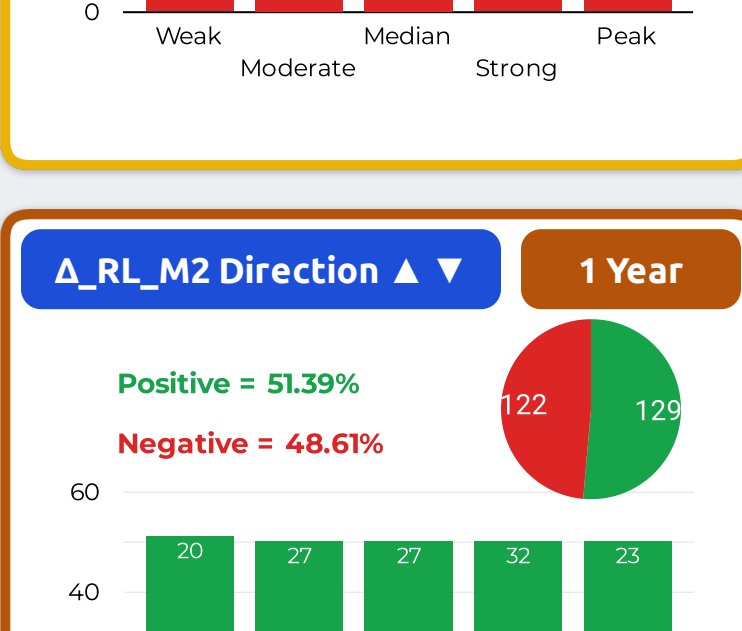
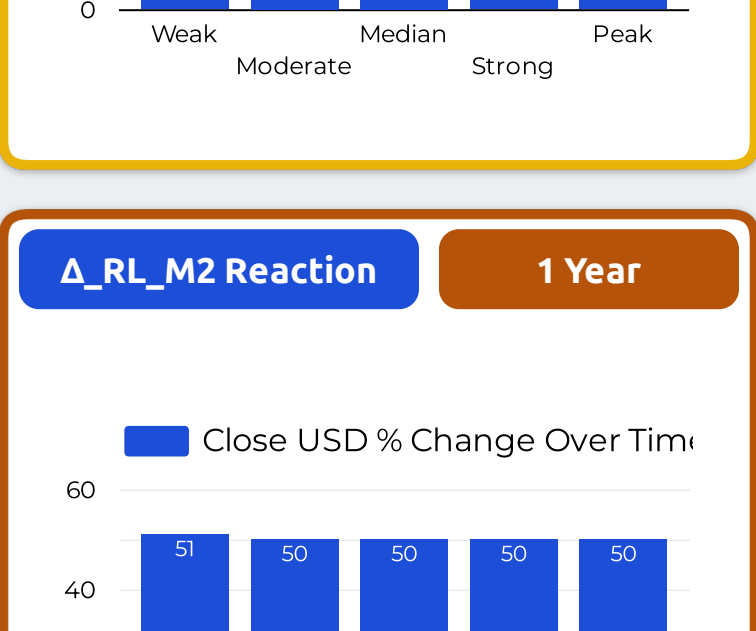
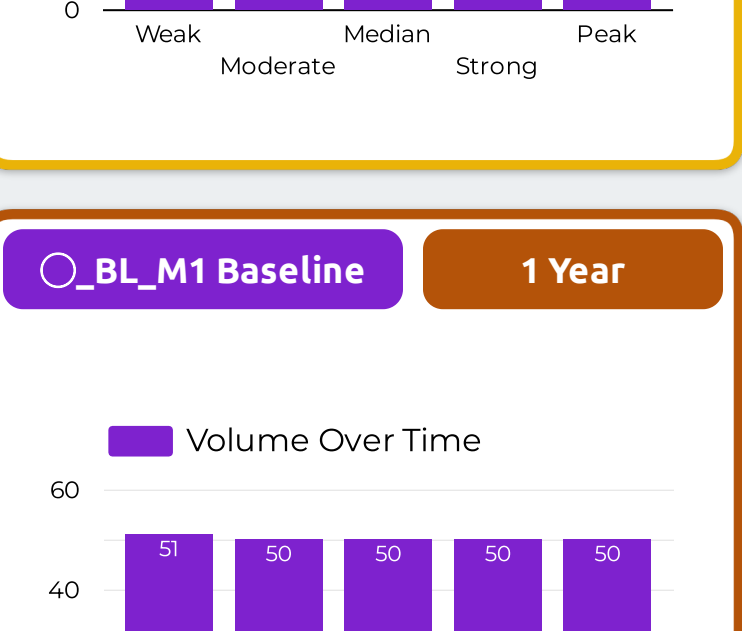
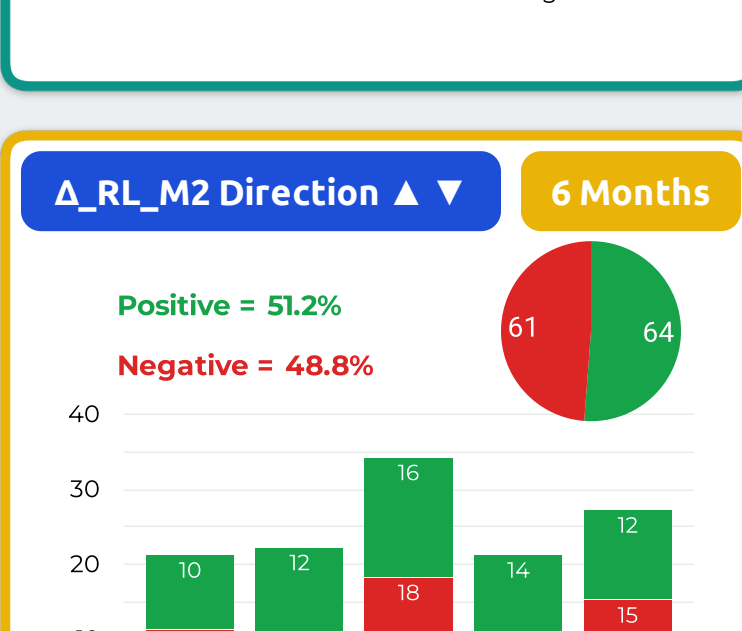
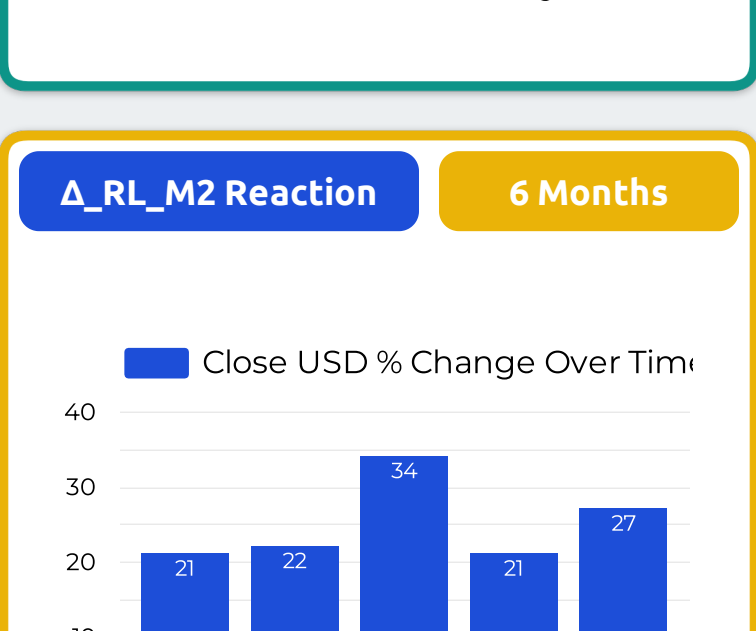
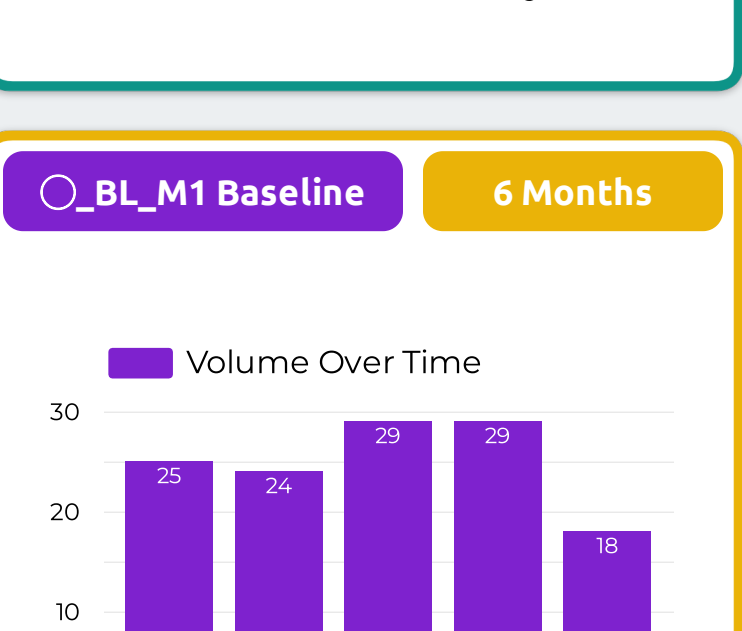
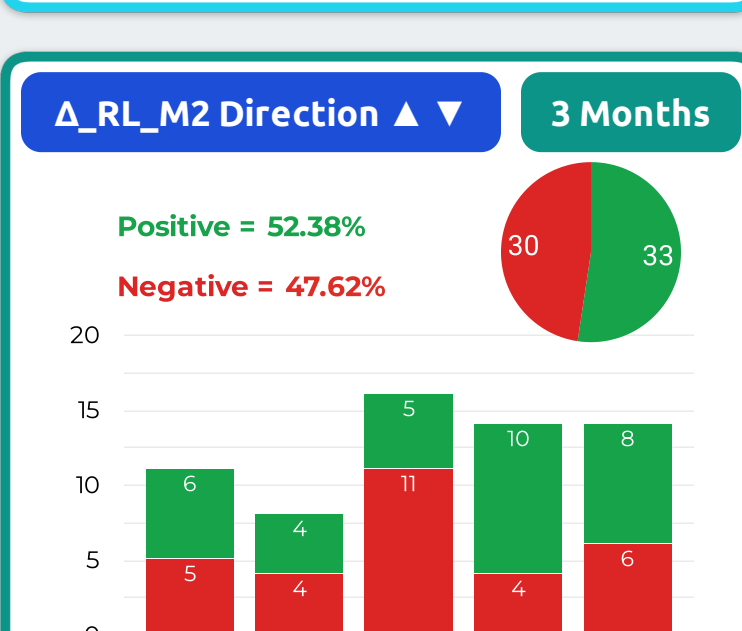
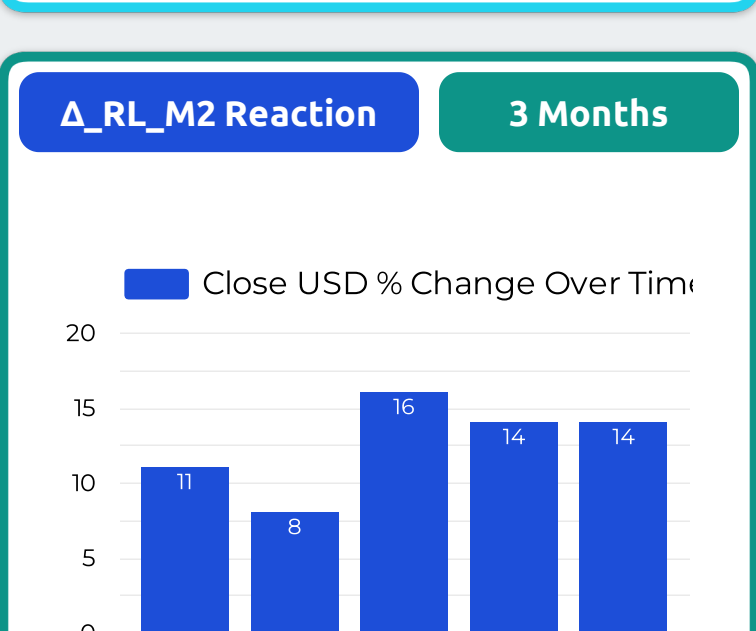
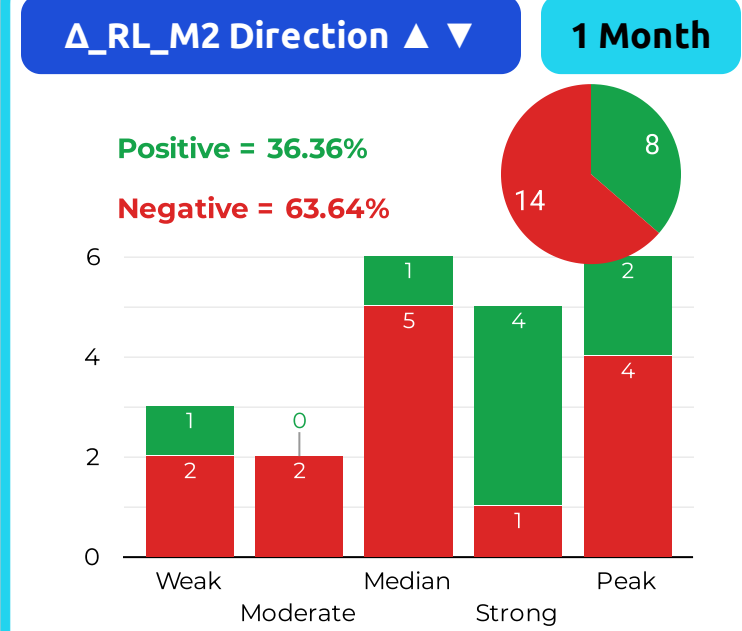
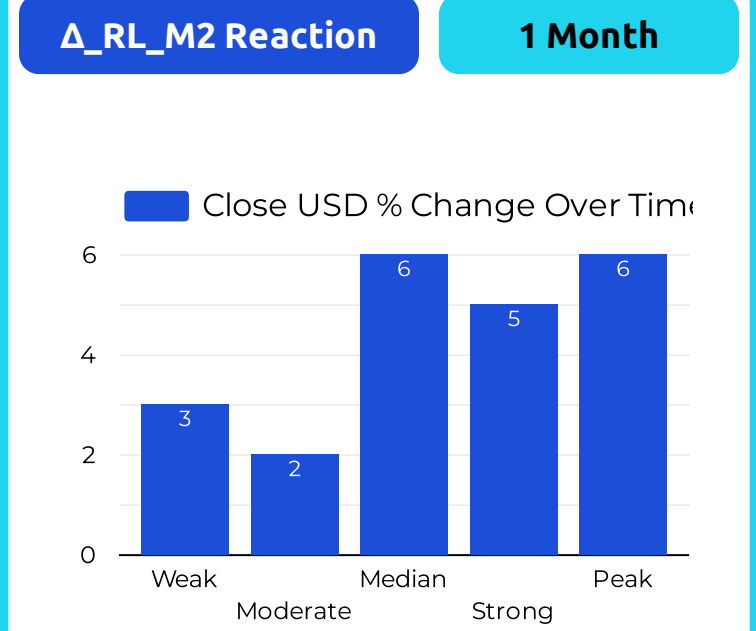
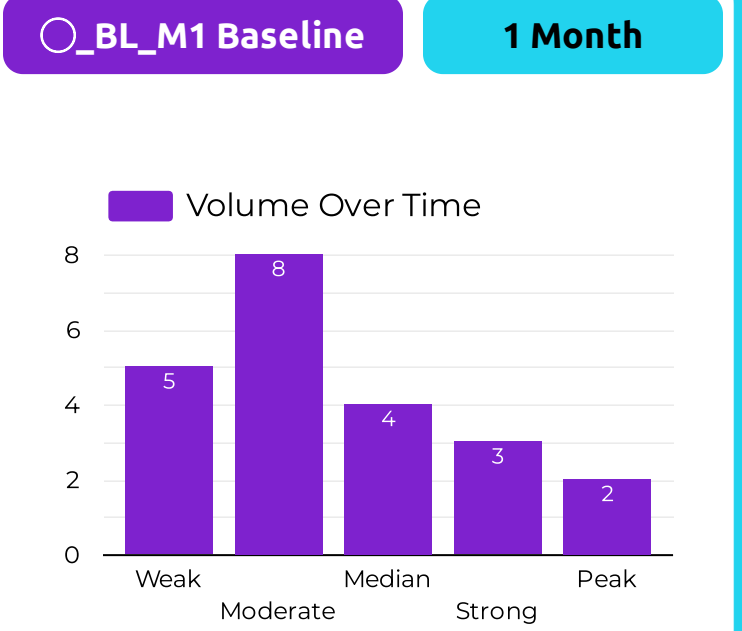
Peak - Price % Change M2

Date	Q_BL_M1	Position	Δ_RL_M2
Jul 2, 2026	Moderate	First Active Date	Median ▼
Jul 1, 2026	Moderate	2nd Active Date	Median ▼
Jun 30, 2026	Median	3rd	Strong ▲
Jun 29, 2026	Moderate	4th	Median ▲
Jun 26, 2026	Strong	5th	Median ▼
Jun 25, 2026	Moderate	6th	Median ▼
Jun 24, 2026	Moderate	7th	Weak ▼
Jun 23, 2026	Moderate	8th	Peak ▼
Jun 22, 2026	Weak	9th	Moderate ▼
Jun 18, 2026	Peak	10th	Peak ▲

Peak List	Date_Q_BL...
1	Jun 18, 2026
2	Jun 5, 2026
3	Jun 1, 2026
4	May 29, 2026
5	Apr 30, 2026
6	Apr 24, 2026
7	Mar 31, 2026
8	Mar 20, 2026
9	Mar 16, 2026
10	Mar 2, 2026

Peak List	Date_Δ_RL...
1	Jun 23, 2026
2	Jun 18, 2026
3	Jun 15, 2026
4	Jun 10, 2026
5	Jun 5, 2026
6	Jun 3, 2026
7	Jun 1, 2026
8	May 15, 2026
9	May 14, 2026
10	May 6, 2026

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



Δ_RL_M2 Reaction

Δ_RL_M2 Average % Change (Timeframes)

Mixed Timeframes

Δ_RL_M2 Average Close USD % Change

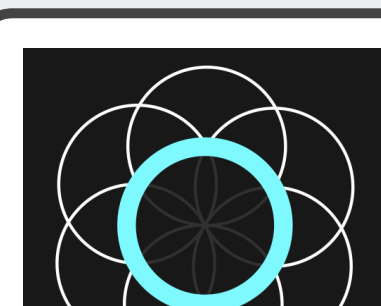
Timeframe Period	Average Reaction
10 Active Days	1.79%
1 Month	2.09%
3 Months	1.94%
6 Months	1.85%
1 Year	1.72%
Distant 6 Months	1.59%

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.

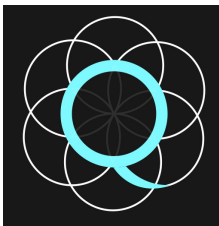


Version 3.1 - 31 May 2026

- 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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Peak - Volume M1

Peak - Price % Change M2

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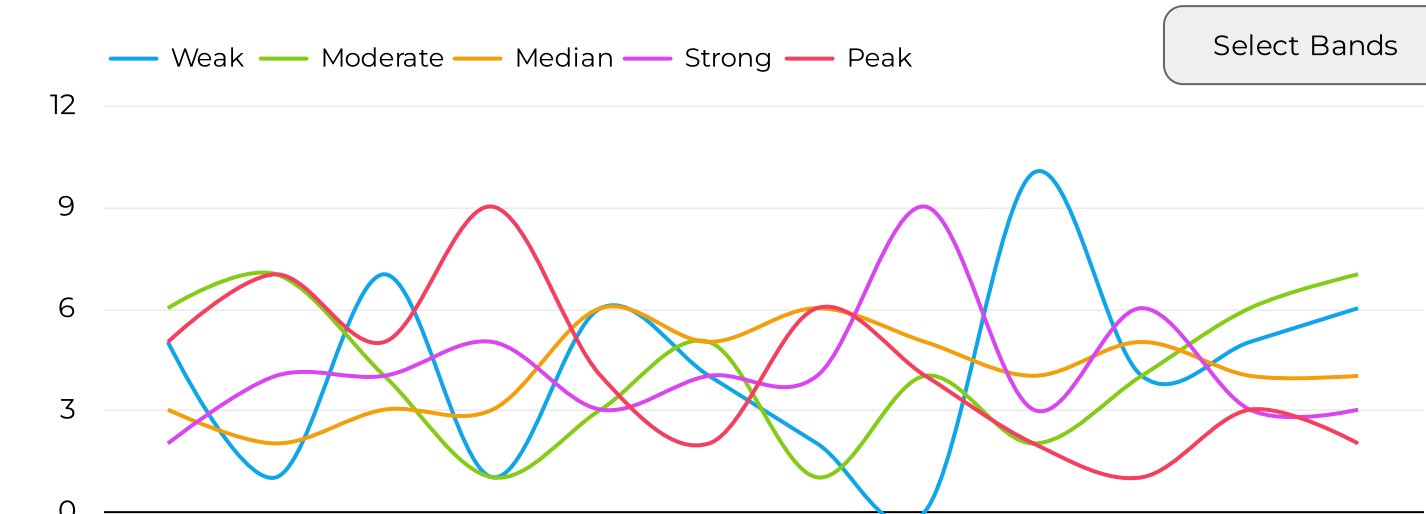
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Monthly Q-Band Counts: ON-TOP M1 = Volume ---- BELOW M2 = Close Price USD % Change

○_BL_M1 Baseline

Monthly Q-Band Volume Trajectory

1 Year



○_BL_M1 Baseline

Monthly Q-Band Volume Dispersion

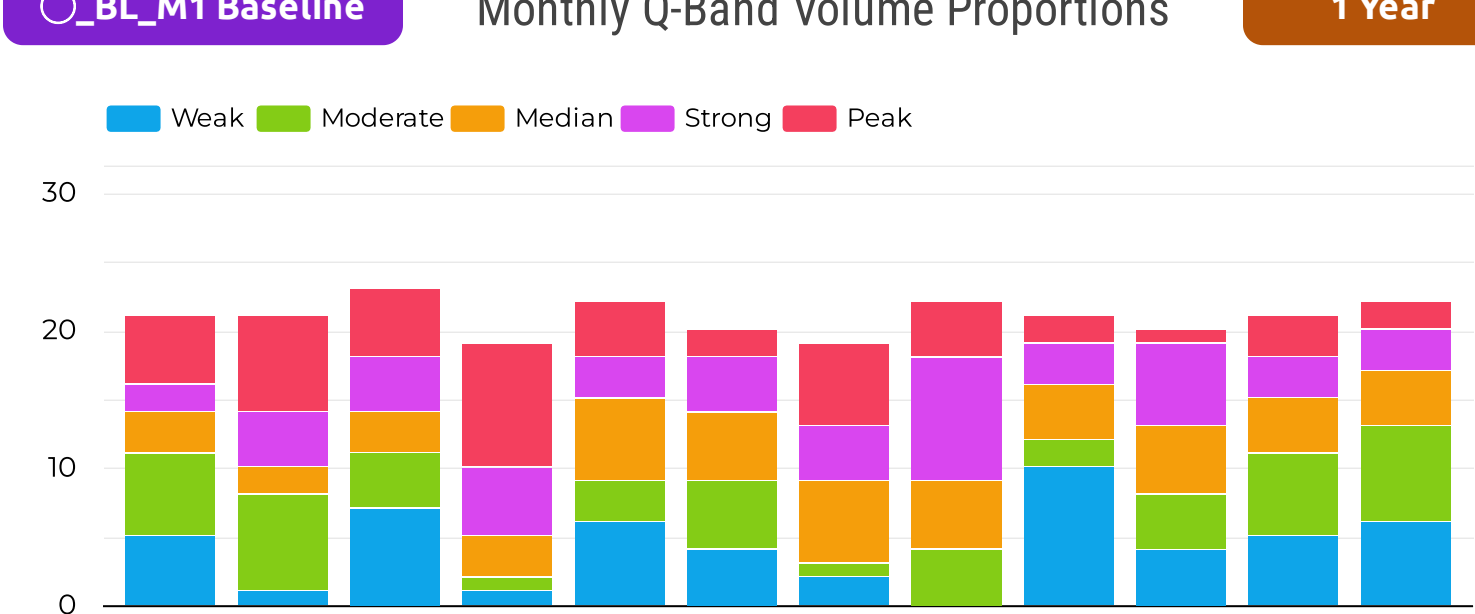
1 Year

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

○_BL_M1 Baseline

Monthly Q-Band Volume Proportions

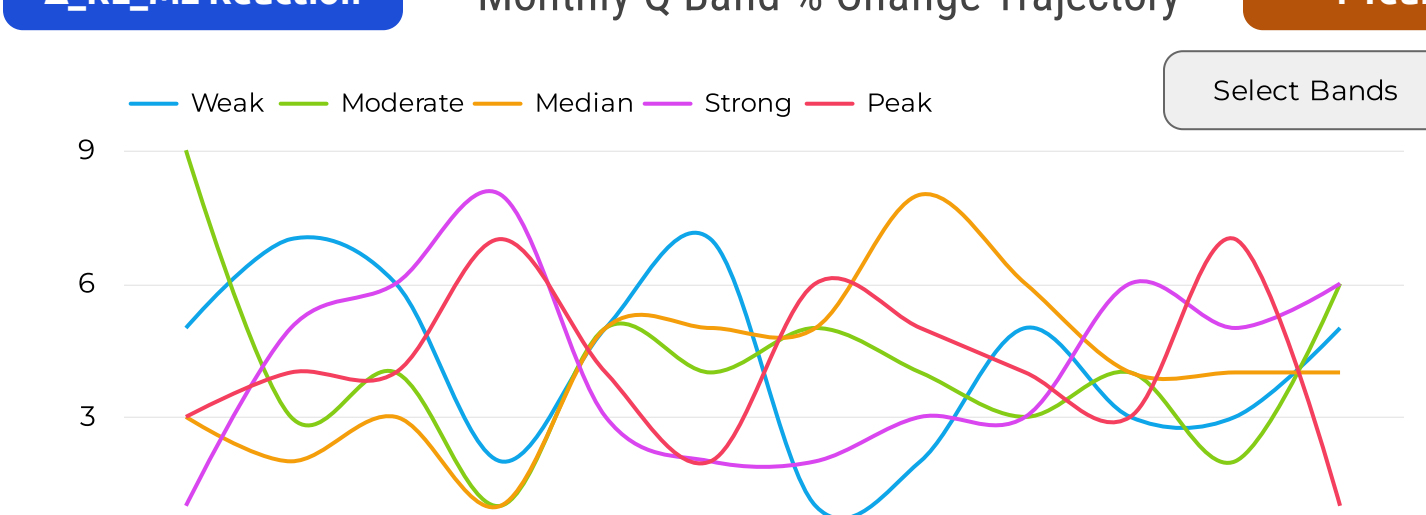
1 Year



△_RL_M2 Reaction

Monthly Q-Band % Change Trajectory

1 Year



△_RL_M2 Reaction

Monthly Q-Band % Change Dispersion

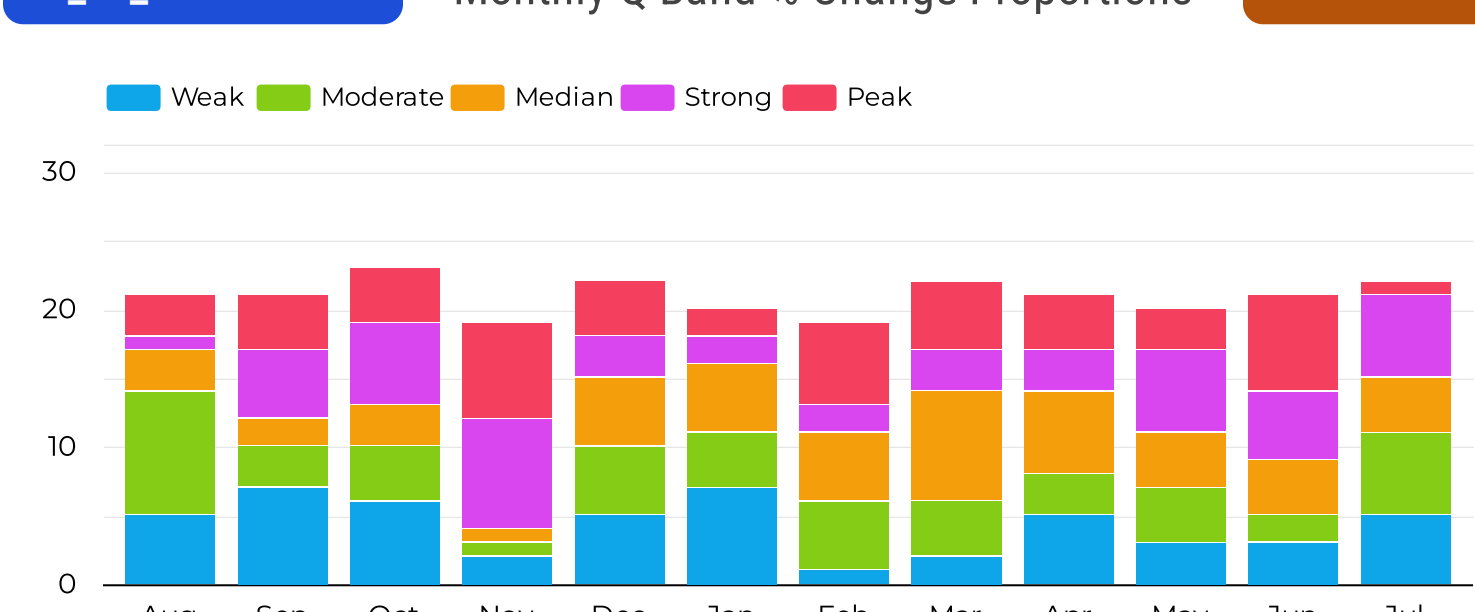
1 Year

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

△_RL_M2 Reaction

Monthly Q-Band % Change Proportions

1 Year



△_RL_M2 Direction ▲ ▼

Monthly Reaction Directional Polarity

1 Year

