

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} =

Ranked by absolute state within the Complete One-Year Range

Metric 2 - M2

→ Reaction Lens

△_{RL} =

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

Border colors indicate timeframes

1 Month

3 Months

6 Months

1 Year

Distant 6M

Reserved space: Automated system status and integration details

QAE - Quintile Analysis Engine LEADING EDGE PAGE

REPORT TITLE: London NW3 2025 - M1 = Mean Wind Speed / kph | M2 = Maximum Gust / kph | (BST): UTC+1

Newest: Dec 31, 2025

Oldest: Jan 1, 2025

Newest Active Date: Dec 31, 2025

UTC+01:00 Central Europe / West Central Af...

QAE Timestamp: 2026-06-04 | 06:40:34



Day Count

365

Active Days

365

Participation

100.00%

○_{BL}_M1 Baseline

1 Year

Newest Active Dec 31, 2025
Raw Metric

5.6

Moderate

Consecutive Days
(no direction) Moderate = 2

Lowest Value

Jan 12, 2025

0.6

Highest Value

May 31, 2025

19.6

Baseline Lens Q-Band M1
Raw Metric Cut-Offs

Weak | Up To - 4.78

Moderate | Up To - 6.60

Median | Up To - 8.08

Strong | Up To - 10.80

Peak | Up To - 19.60

△_{RL}_M2 Reaction

1 Year

Newest Active Dec 31, 2025
Reaction Intensity %

8.800%

= 22.2

Moderate ▲

Consecutive Days
Moderate ▲ = 1
(no direction) Moderate = 1

Lowest Reaction %

May 31, 2025

0.000%

Highest Reaction %

Jan 13, 2025

183.800%

Reaction Lens Q-Band M2
Reshaped RI Metric Cut-Offs

Weak | Up To - 6.4230%

Moderate | Up To - 15.1364%

Median | Up To - 26.1958%

Strong | Up To - 40.3280%

Peak | Up To - 183.7960%

○_{BL}_M1 Baseline△_{RL}_M2 Reaction

Newest Historical Activity

1 Year

Local History Q-Bands: M1 = Raw Metric | M2 = Reaction % Change

Peak - Baseline Lens M1

Peak - Reaction Lens M2

Date	○ _{BL} _M1	Position	△ _{RL} _M2
Dec 31, 2025	Moderate	First Active Date	Moderate ▲
Dec 30, 2025	Moderate	2nd Active Date	Strong ▼
Dec 29, 2025	Median	3rd	Moderate ▼
Dec 28, 2025	Strong	4th	Moderate ▼
Dec 27, 2025	Peak	5th	Median ▲
Dec 26, 2025	Strong	6th	Strong ▼
Dec 25, 2025	Peak	7th	Moderate ▲
Dec 24, 2025	Peak	8th	Moderate ▲
Dec 23, 2025	Peak	9th	Peak ▲
Dec 22, 2025	Moderate	10th	Median ▼

Peak List	Date_○ _{BL} ...
1	Dec 27, 2025
2	Dec 25, 2025
3	Dec 24, 2025
4	Dec 23, 2025
5	Dec 18, 2025
6	Dec 15, 2025
7	Dec 14, 2025
8	Dec 10, 2025
9	Dec 9, 2025
10	Dec 6, 2025

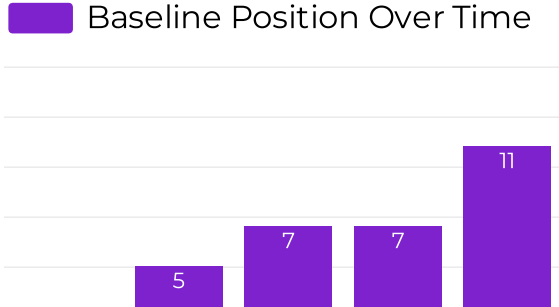
Peak List	Date_△ _{RL} ...
1	Dec 23, 2025
2	Dec 19, 2025
3	Dec 17, 2025
4	Dec 14, 2025
5	Dec 2, 2025
6	Dec 1, 2025
7	Nov 30, 2025
8	Nov 22, 2025
9	Nov 16, 2025
10	Nov 9, 2025

Q-Band Counts 5 Timeframes: M1 = Raw Metric | M2 = Reaction % Change plus Directional Polarity Bias

○_{BL}_M1 Baseline

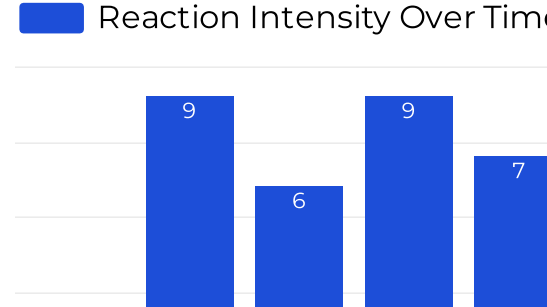
1 Month

Baseline Position Over Time

△_{RL}_M2 Reaction

1 Month

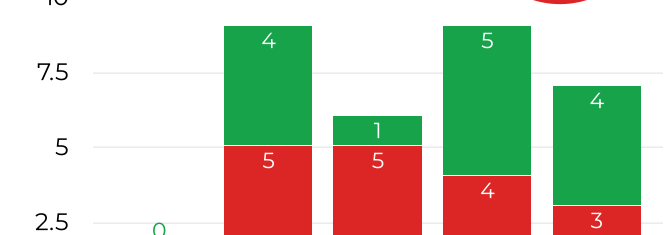
Reaction Intensity Over Time

△_{RL}_M2 Direction ▲ ▼

1 Month

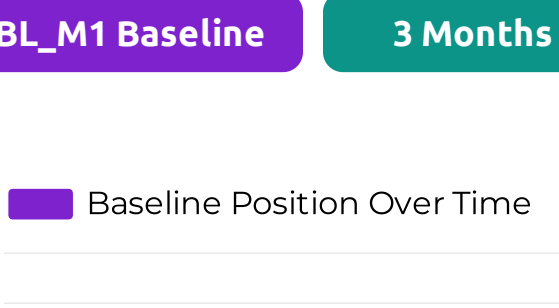
Positive = 43.75%

Negative = 56.25%

○_{BL}_M1 Baseline

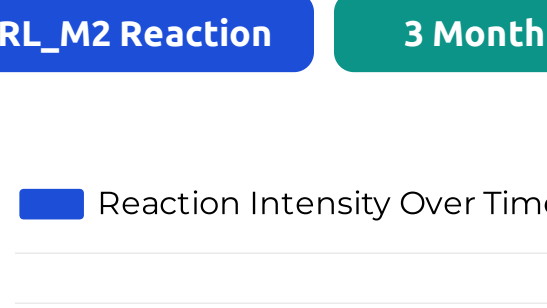
3 Months

Baseline Position Over Time

△_{RL}_M2 Reaction

3 Months

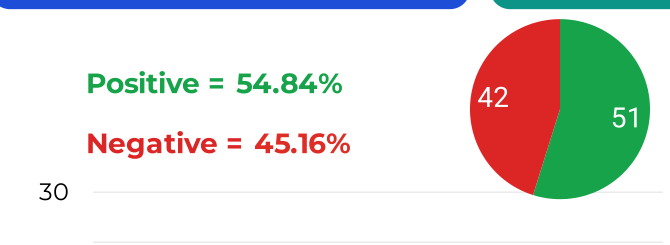
Reaction Intensity Over Time

△_{RL}_M2 Direction ▲ ▼

3 Months

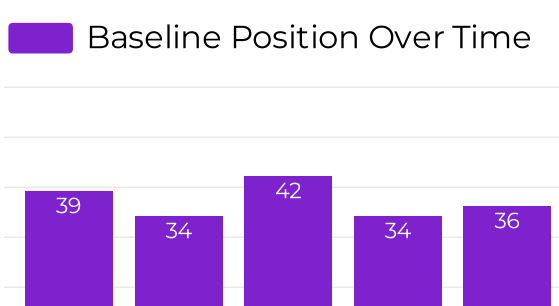
Positive = 54.84%

Negative = 45.16%

○_{BL}_M1 Baseline

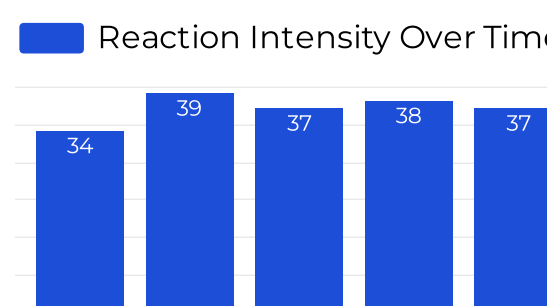
6 Months

Baseline Position Over Time

△_{RL}_M2 Reaction

6 Months

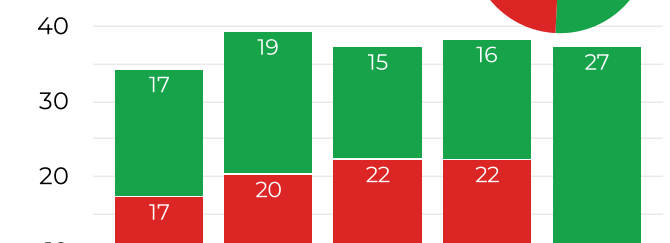
Reaction Intensity Over Time

△_{RL}_M2 Direction ▲ ▼

6 Months

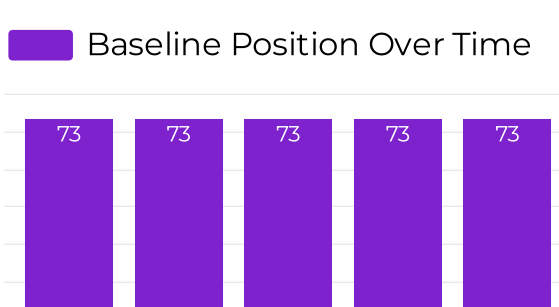
Positive = 50.81%

Negative = 49.19%

○_{BL}_M1 Baseline

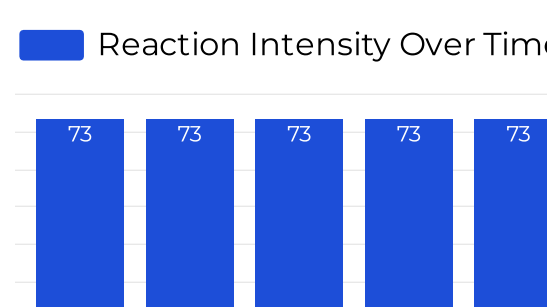
1 Year

Baseline Position Over Time

△_{RL}_M2 Reaction

1 Year

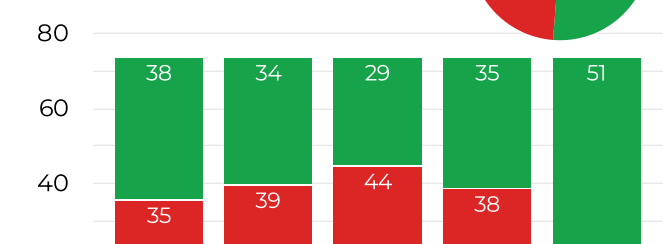
Reaction Intensity Over Time

△_{RL}_M2 Direction ▲ ▼

1 Year

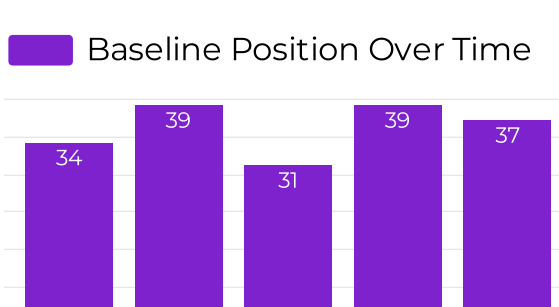
Positive = 51.23%

Negative = 48.77%

○_{BL}_M1 Baseline

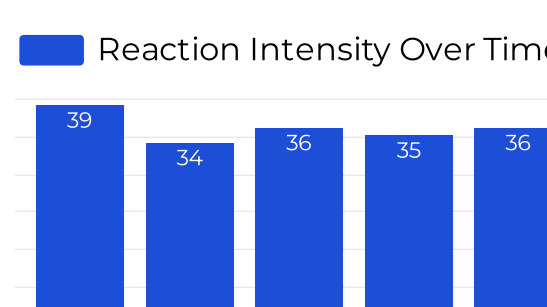
Distant 6M

Baseline Position Over Time

△_{RL}_M2 Reaction

Distant 6M

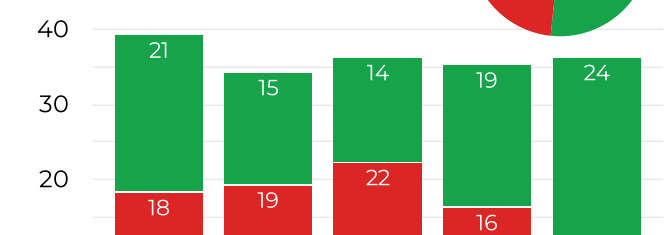
Reaction Intensity Over Time

△_{RL}_M2 Direction ▲ ▼

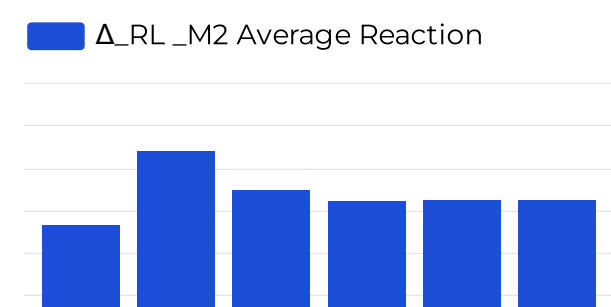
Dist. 6M

Positive = 51.67%

Negative = 48.33%

△_{RL}_M2 Reaction△_{RL}_M2 Average Reaction (Timeframes)

Mixed Timeframes

△_{RL}_M2 Average Reaction

Timeframe Period

Average Reaction

10 Active Days

23.18%

1 Month

31.89%

3 Months

27.29%

6 Months

26.05%

1 Year

26.11%

Distant 6 Months

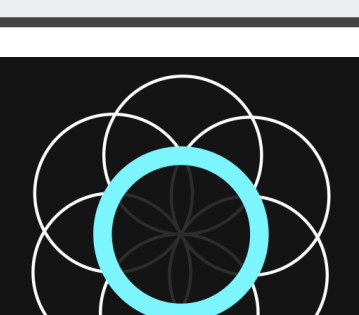
26.15%

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

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

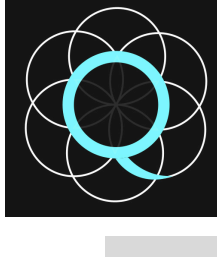
An Overlay of Reaction Intensity as %, not quantile ranked.

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



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Metric 1 - M1 → Baseline Lens **○_BL =** Ranked by absolute state within the Complete One-Year Range

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

Border colors indicate timeframes

1 Month **3 Months** **6 Months**

1 Year **Distant 6M**

Reserved space: Automated system status and integration details

QAE - Quintile Analysis Engine
SEASONAL BACK-STITCH PAGE

REPORT TITLE: London NW3 2025 - M1 = Mean Wind Speed / kph | M2 = Maximum Gust / kph | (BST): UTC+1

Newest: Dec 31, 2025
Oldest: Jan 1, 2025
Newest Active Date: Dec 31, 2025

UTC+01:00 Central Europe / West Central Af...

QAE Timestamp: 2026-06-04 | 06:40:34

Day Count: 365 | Active Days: 365 | Participation: 100.00%

○_BL_M1 Baseline **1 Year**

Newest Active Dec 31, 2025
Raw Metric

5.6

Moderate

Consecutive Days (no direction) Moderate = 2

Lowest Value **Highest Value**
Jan 12, 2025 **May 31, 2025**
0.6 **19.6**

Baseline Lens Q-Band M1
Raw Metric Cut-Offs

Weak | Up To - 4.78
Moderate | Up To - 6.60
Median | Up To - 8.08
Strong | Up To - 10.80
Peak | Up To - 19.60

△_RL_M2 Reaction **1 Year**

Newest Active Dec 31, 2025
Reaction Intensity %

8.800% = 22.2

Moderate ▲

Consecutive Days Moderate ▲ = 1 (no direction) Moderate = 1

Lowest Reaction % **Highest Reaction %**
May 31, 2025 **Jan 13, 2025**
0.000% **183.800%**

Reaction Lens Q-Band M2
Reshaped RI Metric Cut-Offs

Weak | Up To - 6.4230%
Moderate | Up To - 15.1364%
Median | Up To - 26.1958%
Strong | Up To - 40.3280%
Peak | Up To - 183.7960%

○_BL_M1 Baseline & **△_RL_M2 Reaction** **Newest Historical Activity** **1 Year**

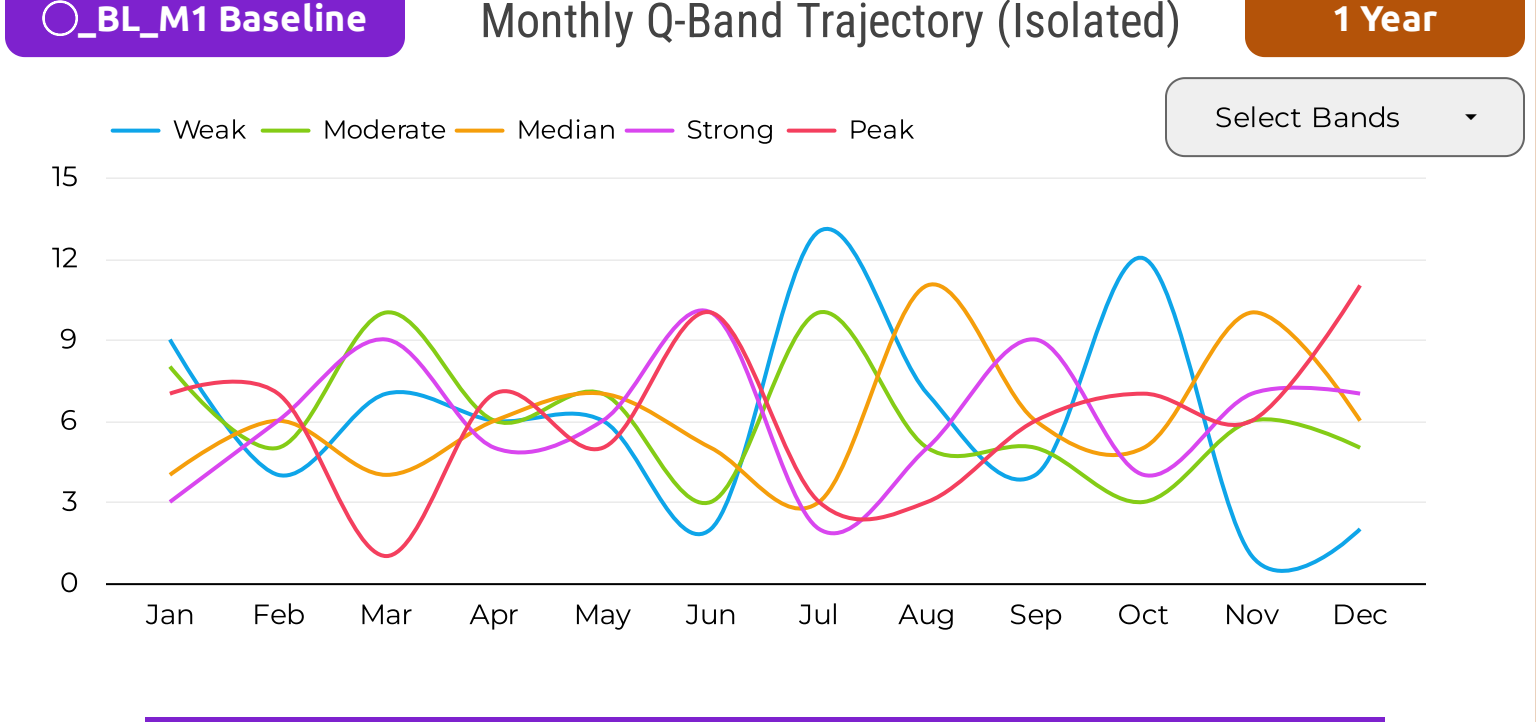
Local History Q-Bands: M1 = Raw Metric | M2 = Reaction % Change

Date	○_BL_M1	Position	△_RL_M2
Dec 31, 2025	Moderate	First Active Date	Moderate ▲
Dec 30, 2025	Moderate	2nd Active Date	Strong ▼
Dec 29, 2025	Median	3rd	Moderate ▼
Dec 28, 2025	Strong	4th	Moderate ▼
Dec 27, 2025	Peak	5th	Median ▲
Dec 26, 2025	Strong	6th	Strong ▼
Dec 25, 2025	Peak	7th	Moderate ▲
Dec 24, 2025	Peak	8th	Moderate ▲
Dec 23, 2025	Peak	9th	Peak ▲
Dec 22, 2025	Moderate	10th	Median ▼

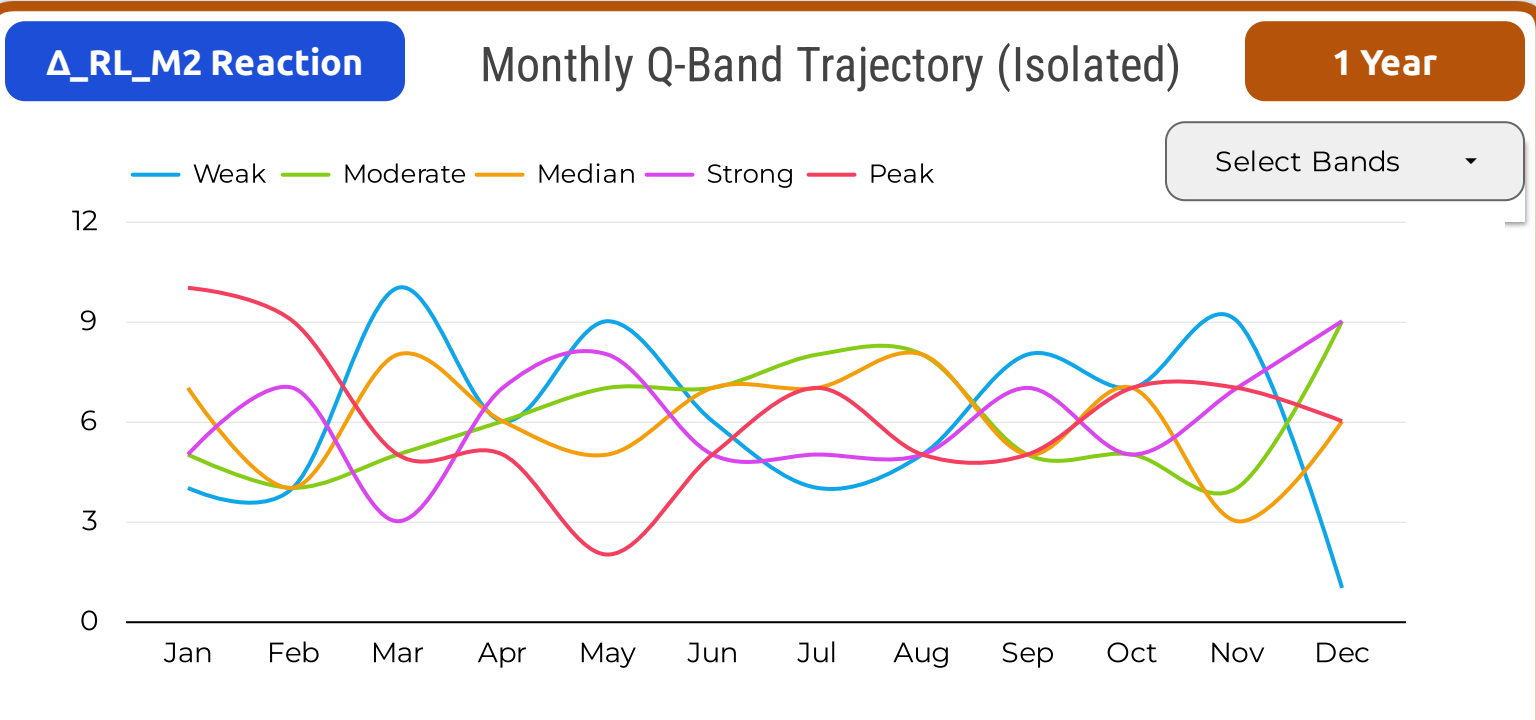
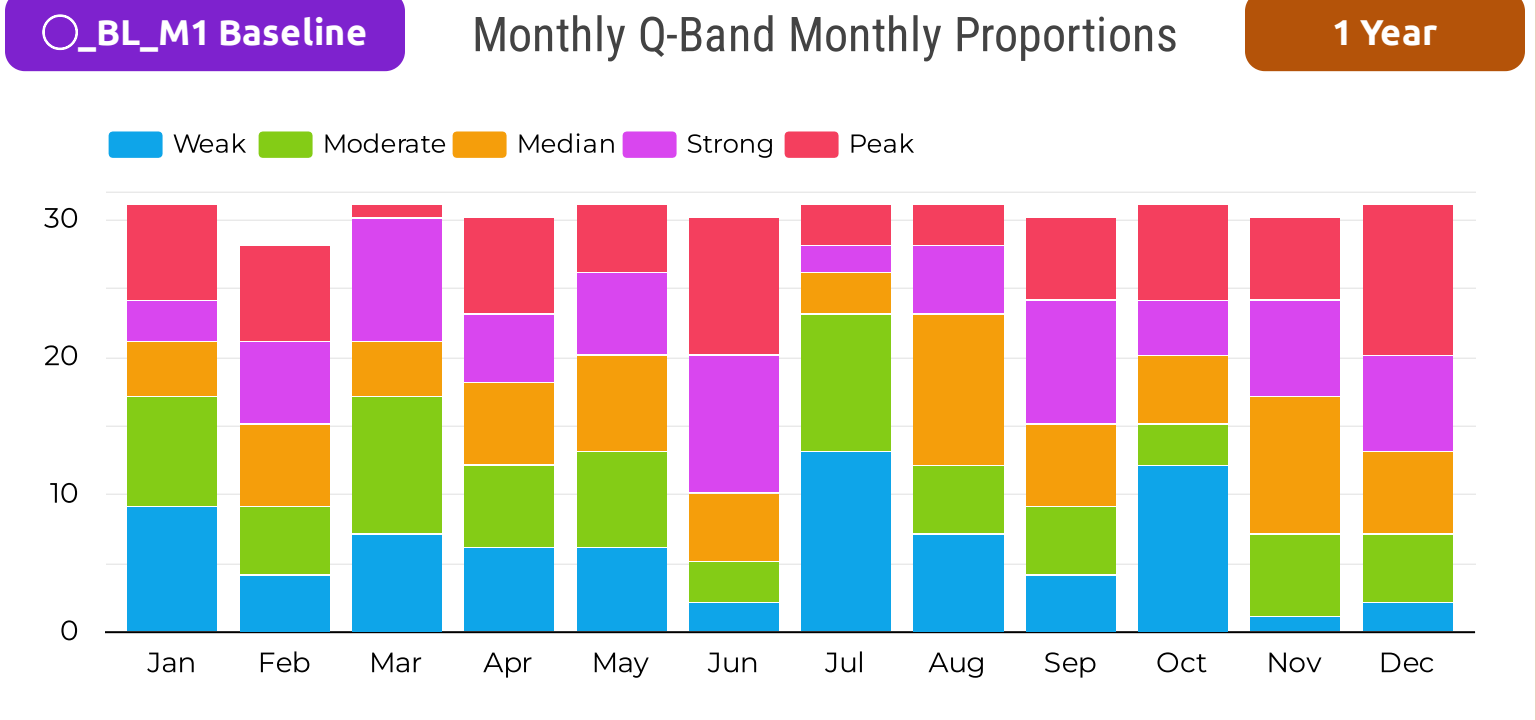
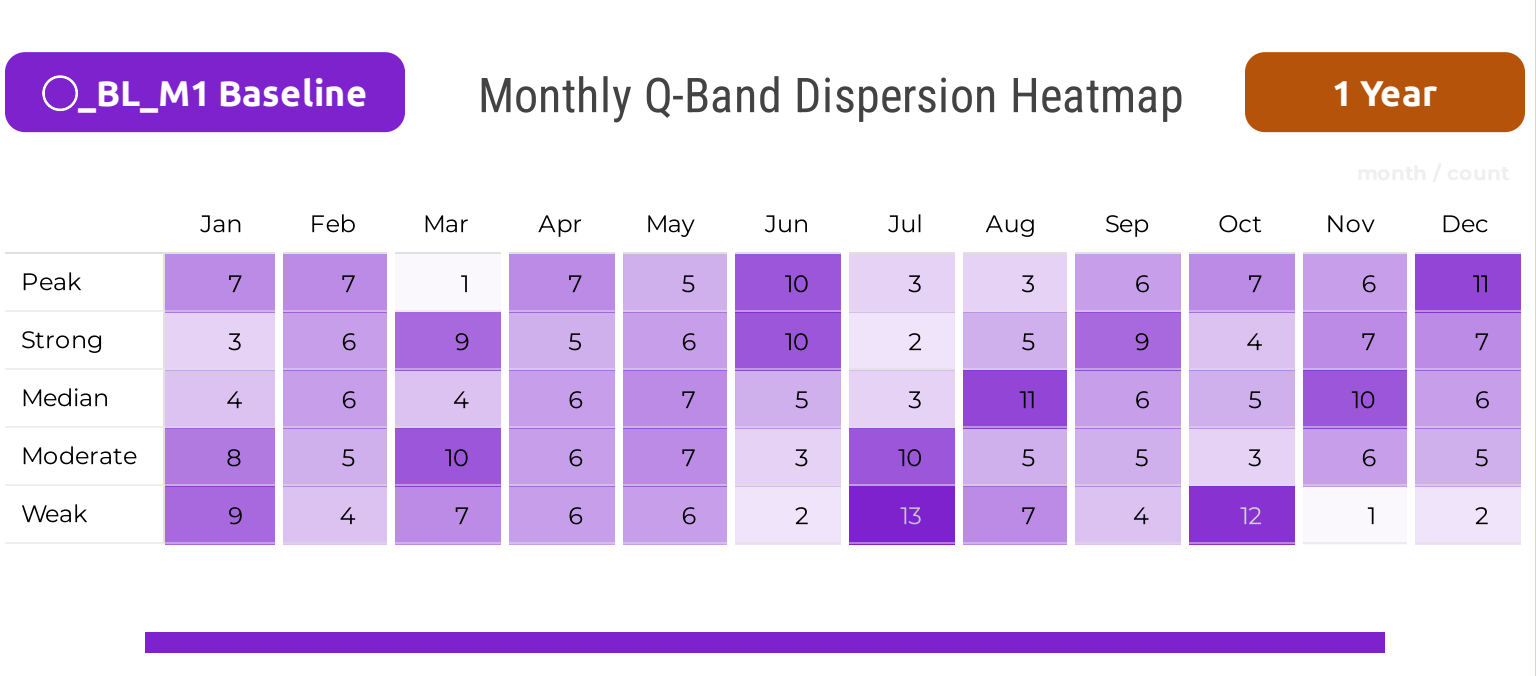
Peak List	Date_○_BL...
1	Dec 27, 2025
2	Dec 25, 2025
3	Dec 24, 2025
4	Dec 23, 2025
5	Dec 18, 2025
6	Dec 15, 2025
7	Dec 14, 2025
8	Dec 10, 2025
9	Dec 9, 2025
10	Dec 6, 2025

Peak List	Date_△_RL...
1	Dec 23, 2025
2	Dec 19, 2025
3	Dec 17, 2025
4	Dec 14, 2025
5	Dec 2, 2025
6	Dec 1, 2025
7	Nov 30, 2025
8	Nov 22, 2025
9	Nov 16, 2025
10	Nov 9, 2025

Monthly Q-Band Counts: ON-TOP M1 = Raw Metric ---- BELOW M2 = Reaction Intensity % Change



These 3 barcharts / tables leftside are all from the same underlying M1 data-table which has indexed Q-Bands into monthly buckets



These 3 barcharts / tables leftside are all from the same underlying M2 data-table which has indexed Q-Bands into monthly buckets

The Directional Bias barchart is a separated polarity data-table

