

■■■ CloudClearing Weekly Monitoring Report

Report Date:	October 04, 2025
Analysis Period:	2025-09-27 to 2025-10-04
Regions Monitored:	39
Analysis Confidence:	MEDIUM

■ EXECUTIVE SUMMARY

Market Status: ■ WEAK MARKET - Limited opportunities detected

Total Changes Detected:	482,745
Total Area Changed:	92,457.9 hectares
Critical Alerts:	61
Investment Opportunities:	0

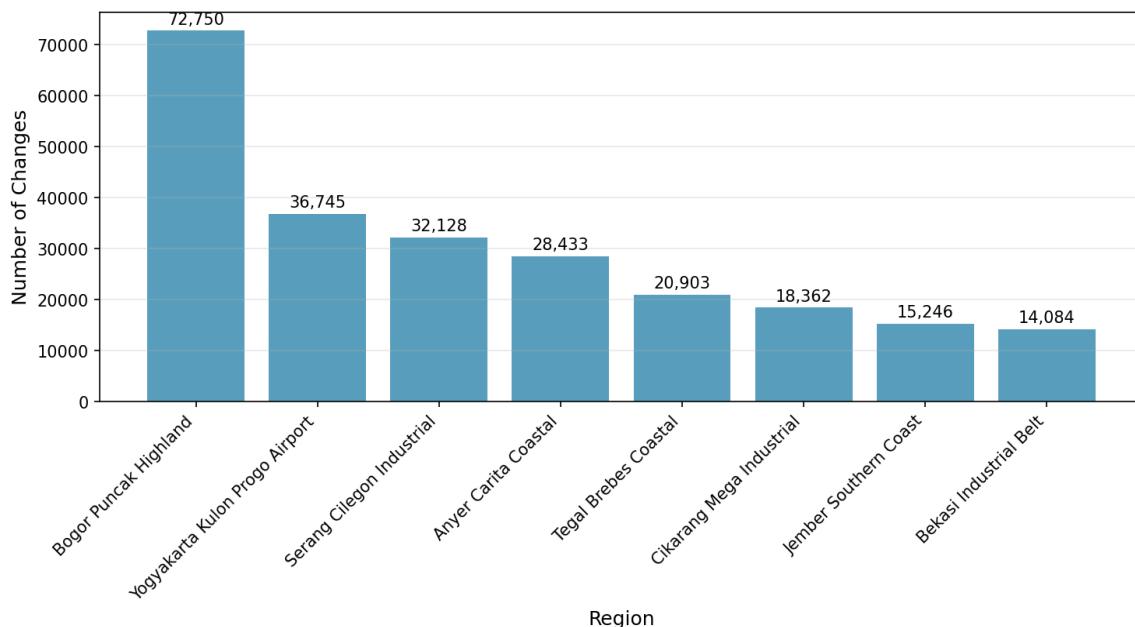
■ MONITORING RESULTS

Most Active Regions:

Region	Changes	Area (hectares)
Bogor Puncak Highland	72,750	8485.6
Yogyakarta Kulon Progo Airport	36,745	4741.5
Serang Cilegon Industrial	32,128	11611.5
Anyer Carita Coastal	28,433	5759.7
Tegal Brebes Coastal	20,903	3686.9

Regional Activity Overview:

Top Regions by Change Activity



■ INVESTMENT OPPORTUNITIES

■ INVESTMENT OPPORTUNITIES / SATELLITE IMAGERY

Investment Methodology: Our analysis combines satellite-detected land use changes with market intelligence and infrastructure data. Each region receives an **investment score (0-100)** based on: **(1) Development Activity** - volume and pace of land use changes detected via satellite, **(2) Infrastructure Quality** - proximity to major roads, ports, airports, and active construction projects, **(3) Market Dynamics** - property price trends and real estate market heat.

Confidence Levels: Each score includes a confidence percentage (20-90%) that reflects data completeness. Higher confidence means we have real-time market data, detailed infrastructure analysis, and high-quality satellite imagery. Lower confidence means we're relying primarily on satellite-detected changes with limited market/infrastructure data. Typical confidence is 40-60% during early analysis phases.

Imagery Notes: Satellite imagery shows before/after comparisons where available. NDVI (vegetation index) maps highlight **vegetation loss (red)** indicating land clearing for potential construction sites, and **vegetation gain (green)** showing revegetation.

■ Bogor Puncak Highland - Investment Score: 32.8/100 (40% confidence)

Development Activity: 72,750 land use changes detected across 8485.6 hectares

Score Composition:

- Market momentum: 0.0% price trend
- Infrastructure: 50/100 quality rating
- Development activity: 72,750 satellite-detected changes

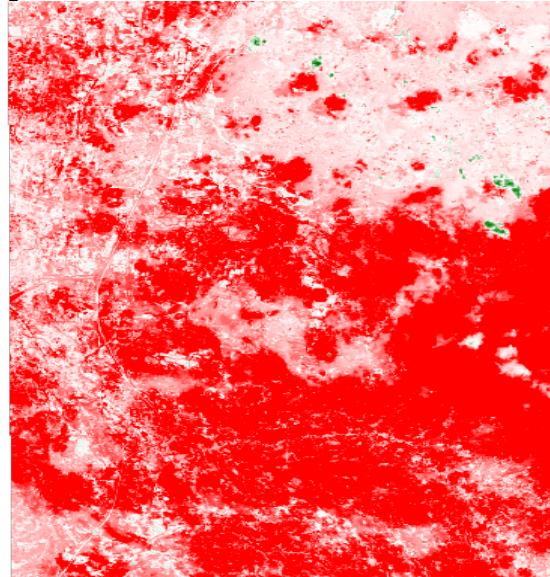
Confidence Breakdown (40%):

- ■ Satellite imagery: High-resolution change detection active
- ■■ Market data: API unavailable - using neutral baseline (0% trend)
- ■■■ Infrastructure data: API unavailable - using neutral baseline (50/100)

Lower confidence - primarily satellite-driven, awaiting real-time API integration

Note: Satellite imagery unavailable for this period. Analysis based on statistical change detection.

Vegetation Change Analysis (NDVI): Red = vegetation loss/land clearing (potential construction sites), Green = vegetation gain/revegetation



■ Yogyakarta Kulon Progo Airport - Investment Score: 28.7/100 (40% confidence)

Development Activity: 36,745 land use changes detected across 4741.5 hectares

Score Composition:

- Market momentum: 0.0% price trend
- Infrastructure: 50/100 quality rating
- Development activity: 36,745 satellite-detected changes

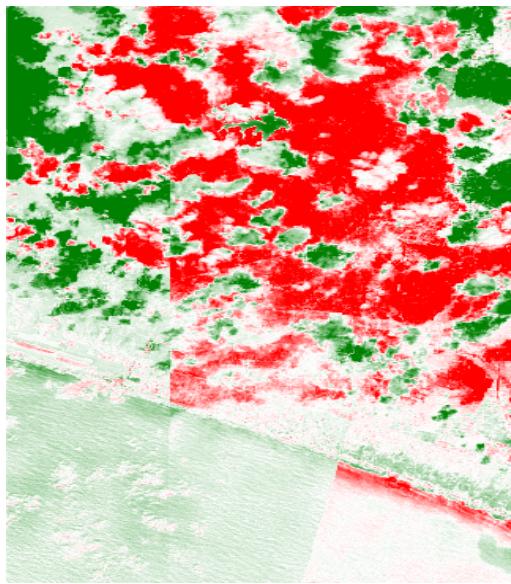
Confidence Breakdown (40%):

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- ■■ Market data: API unavailable - using neutral baseline (0% trend)
- ■■ Infrastructure data: API unavailable - using neutral baseline (50/100)

Lower confidence - primarily satellite-driven, awaiting real-time API integration

Note: Satellite imagery unavailable for this period. Analysis based on statistical change detection.

Vegetation Change Analysis (NDVI): Red = vegetation loss/land clearing (potential construction sites), Green = vegetation gain/revegetation



■ Tegal Brebes Coastal - Investment Score: 28.7/100 (40% confidence)

Development Activity: 20,903 land use changes detected across 3686.9 hectares

Score Composition:

- Market momentum: 0.0% price trend
- Infrastructure: 50/100 quality rating
- Development activity: 20,903 satellite-detected changes

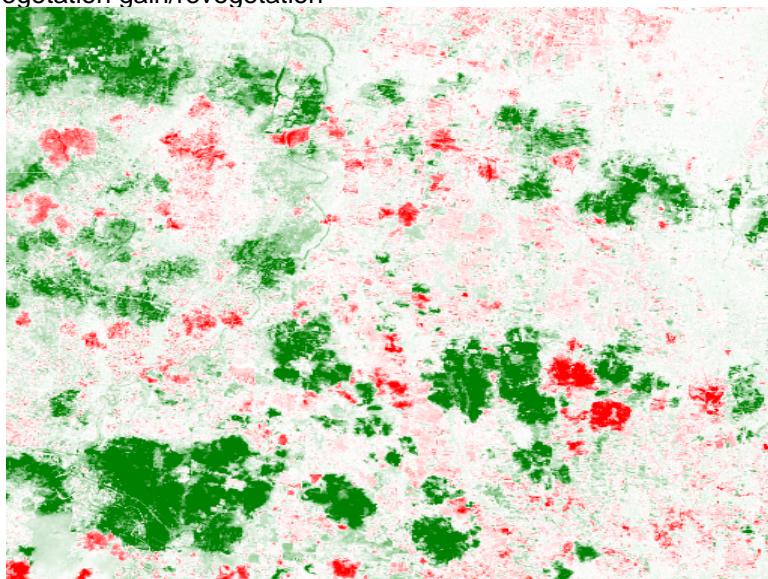
Confidence Breakdown (40%):

- ■ Satellite imagery: High-resolution change detection active
- ■■ Market data: API unavailable - using neutral baseline (0% trend)
- ■■ Infrastructure data: API unavailable - using neutral baseline (50/100)

Lower confidence - primarily satellite-driven, awaiting real-time API integration

Note: Satellite imagery unavailable for this period. Analysis based on statistical change detection.

Vegetation Change Analysis (NDVI): Red = vegetation loss/land clearing (potential construction sites), Green = vegetation gain/revegetation



■ Complete Regional Analysis

Region	Changes	Area (ha)	Score	Investment Notes	Period
Bogor Puncak Highland	72,750	8485.6	32.8/100	Watch (40% confidence): Stagnant prices	June 23-30, 2025
Yogyakarta Kulon Progo Airport	36,745	4741.5	28.7/100	Watch (40% confidence): Stagnant prices	June 23-30, 2025
Tegal Brebes Coastal	20,903	3686.9	28.7/100	Watch (40% confidence): Stagnant prices	June 23-30, 2025
Serang Cilegon Industrial	32,128	11611.5	28.7/100	Watch (40% confidence): Stagnant prices	June 23-30, 2025
Anyer Carita Coastal	28,433	5759.7	28.7/100	Watch (40% confidence): Stagnant prices	June 23-30, 2025
Jakarta North Sprawl	12,338	17988.2	24.6/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Tangerang Bsd Corridor	13,155	3604.5	24.6/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Bekasi Industrial Belt	14,084	2456.9	24.6/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Cikarang Mega Industrial	18,362	3324.4	24.6/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Solo Raya Expansion	12,409	1416.0	24.6/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Magelang Borobudur Corridor	11,300	1294.5	24.6/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Jember Southern Coast	15,246	1607.5	24.6/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Jakarta South Suburbs	7,393	3279.3	20.5/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Cirebon Port Industrial	9,391	1592.1	20.5/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Subang Patimban Megaport	7,772	1175.0	20.5/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Yogyakarta Urban Core	5,138	388.1	20.5/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Surabaya West Expansion	5,507	649.1	20.5/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Gresik Port Industrial	7,748	1561.0	20.5/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Malang South Highland	9,117	1555.6	20.5/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Banyuwangi Ferry Corridor	8,425	1000.6	20.5/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Bandung East Tech Corridor	3,187	266.6	16.4/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Semarang South Urban	1,420	151.2	16.4/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Purwokerto South Expansion	2,496	296.8	16.4/100	Pass (40% confidence): Stagnant prices	June 23-30, 2025
Bandung North Expansion	904	83.6	12.3/100	Pass (40% confidence): Low development, Stagnant prices	June 23-30, 2025
Semarang Port Expansion	0	0.0	4.1/100	Pass (40% confidence): Very low activity, Small area	June 23-30, 2025
Surabaya East Industrial	12	13.4	4.1/100	Pass (40% confidence): Very low activity, Stagnant prices	June 23-30, 2025
Sidoarjo Delta Development	0	0.0	4.1/100	Pass (40% confidence): Very low activity, Small area	June 23-30, 2025

Probolinggo Bromo Gateway	0	0.0	4.1/100	Pass (40% confidence): Very low activity, Small area	June 23-30, 2025
Merak Port Corridor	0	0.0	4.1/100	Pass (40% confidence): Very low activity, Small area	June 23-30, 2025
Yogyakarta Urban	5,138	388.1	N/A	Not scored	June 23-30, 2025
Yogyakarta Periurban	0	0.0	N/A	Not scored	June 23-30, 2025
Sleman North	0	0.0	N/A	Not scored	June 23-30, 2025
Bantul South	57,242	6074.7	N/A	Not scored	June 23-30, 2025
Kulonprogo West	38,653	5067.4	N/A	Not scored	June 23-30, 2025
Gunungkidul East	1,627	226.4	N/A	Not scored	June 23-30, 2025
Magelang Corridor	11,300	1294.5	N/A	Not scored	June 23-30, 2025
Solo Expansion	12,409	1416.0	N/A	Not scored	June 23-30, 2025
Semarang Industrial	0	0.0	N/A	Not scored	June 23-30, 2025
Surakarta Suburbs	13	1.1	N/A	Not scored	June 23-30, 2025

■ REGIONAL BREAKDOWN

Yogyakarta Region Details:

Bogor Puncak Highland

Changes: 72,750 | Area: 8485.6 ha | Density: 8.6 changes/ha

■ Satellite Imagery Available: Before (Unknown) | After (Unknown)

Note: High-resolution satellite images saved to output/satellite_images/weekly/

Yogyakarta Kulon Progo Airport

Changes: 36,745 | Area: 4741.5 ha | Density: 7.7 changes/ha

■ Satellite Imagery Available: Before (Unknown) | After (Unknown)

Note: High-resolution satellite images saved to output/satellite_images/weekly/

Serang Cilegon Industrial

Changes: 32,128 | Area: 11611.5 ha | Density: 2.8 changes/ha

■ Satellite Imagery Available: Before (Unknown) | After (Unknown)

Note: High-resolution satellite images saved to output/satellite_images/weekly/

Anyer Carita Coastal

Changes: 28,433 | Area: 5759.7 ha | Density: 4.9 changes/ha

■ Satellite Imagery Available: Before (Unknown) | After (Unknown)

Note: High-resolution satellite images saved to output/satellite_images/weekly/

Tegal Brebes Coastal

Changes: 20,903 | Area: 3686.9 ha | Density: 5.7 changes/ha

■ Satellite Imagery Available: Before (Unknown) | After (Unknown)

Note: High-resolution satellite images saved to output/satellite_images/weekly/

Cikarang Mega Industrial

Changes: 18,362 | Area: 3324.4 ha | Density: 5.5 changes/ha

■ Satellite Imagery Available: Before (Unknown) | After (Unknown)

Note: High-resolution satellite images saved to output/satellite_images/weekly/

Jember Southern Coast

Changes: 15,246 | Area: 1607.5 ha | Density: 9.5 changes/ha

■ Satellite Imagery Available: Before (Unknown) | After (Unknown)

Note: High-resolution satellite images saved to output/satellite_images/weekly/

Bekasi Industrial Belt

Changes: 14,084 | Area: 2456.9 ha | Density: 5.7 changes/ha

■ Satellite Imagery Available: Before (Unknown) | After (Unknown)

Note: High-resolution satellite images saved to output/satellite_images/weekly/

■ CRITICAL ALERTS

Critical Alerts (61):

- Critical: 12338 changes detected in jakarta_north_sprawl
- Critical: 17988.2 hectares changed in jakarta_north_sprawl
- Critical: 7393 changes detected in jakarta_south_suburbs
- Critical: 3279.3 hectares changed in jakarta_south_suburbs
- Critical: 13155 changes detected in tangerang_bsd_corridor
- Critical: 3604.5 hectares changed in tangerang_bsd_corridor
- Critical: 14084 changes detected in bekasi_industrial_belt
- Critical: 2456.9 hectares changed in bekasi_industrial_belt
- Critical: 18362 changes detected in cikarang_mega_industrial
- Critical: 3324.4 hectares changed in cikarang_mega_industrial

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