

# ■■■ 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

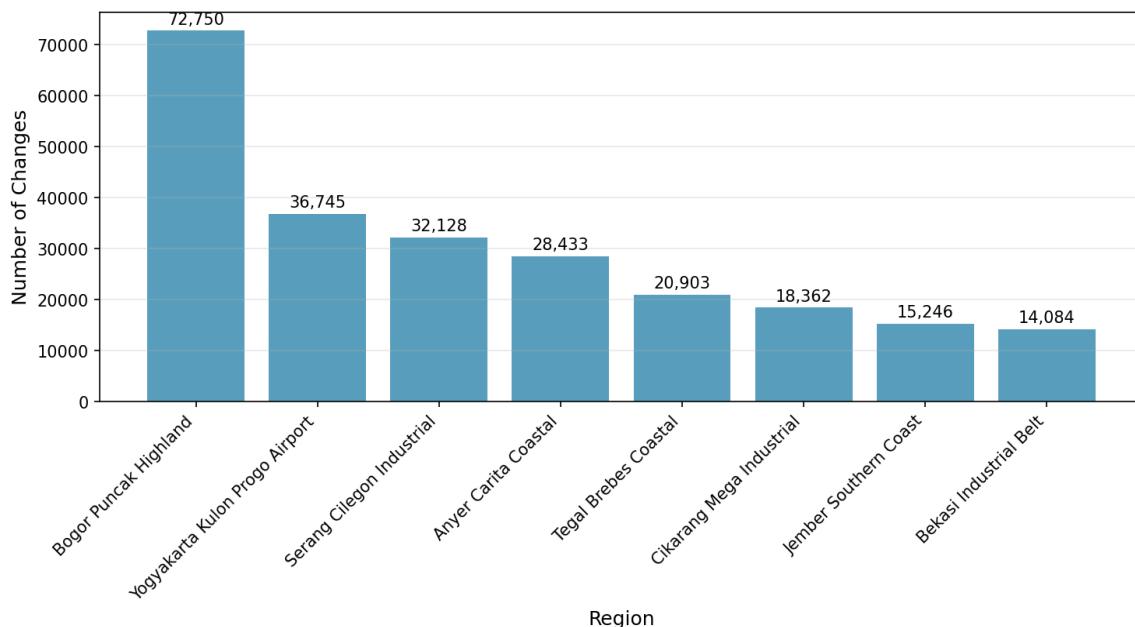
## ■ MONITORING RESULTS

### 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

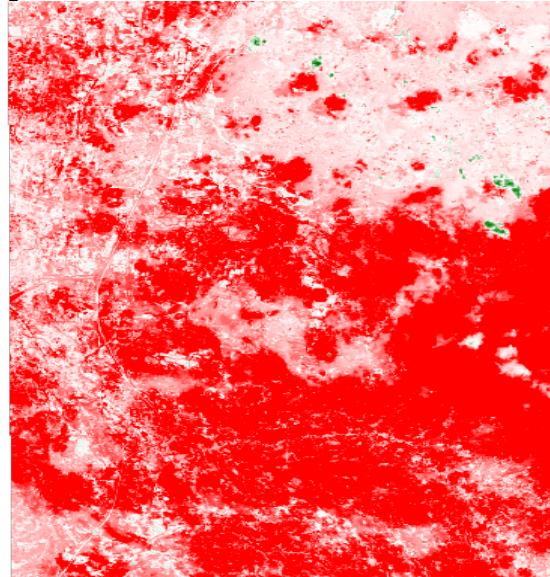
**Confidence Breakdown (40%):**

- ■ 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

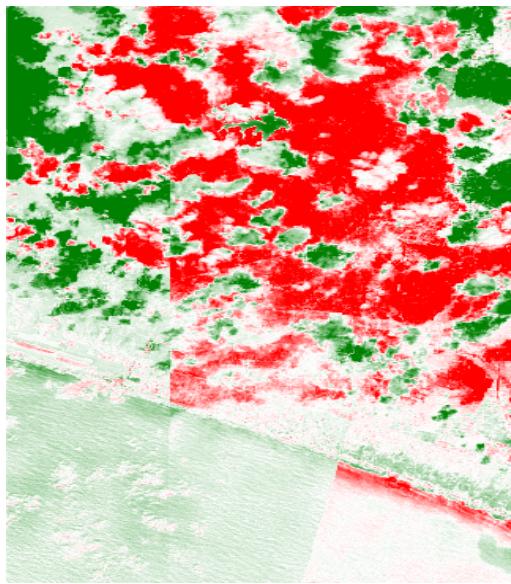
**Confidence Breakdown (40%):**

- ■ 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



## ■ 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

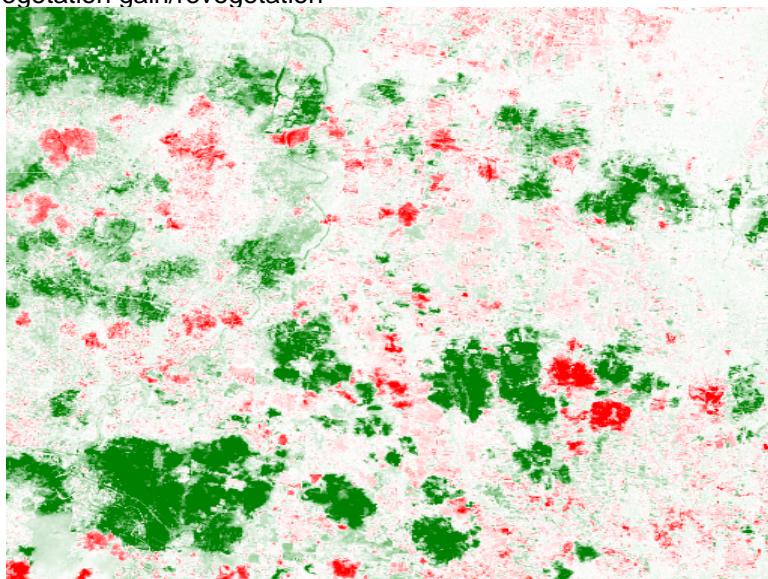
### Confidence Breakdown (40%):

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

Probolinggo Bromo Gateway	0	0.0	4.1/100	<b>Pass</b> (40% confidence): Very low activity, Small area	June 23-30, 2025
Merak Port Corridor	0	0.0	4.1/100	<b>Pass</b> (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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