

CloudClearing Weekly Monitoring Report

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

EXECUTIVE SUMMARY

Market Status: ■ WEAK MARKET - Limited opportunities detected

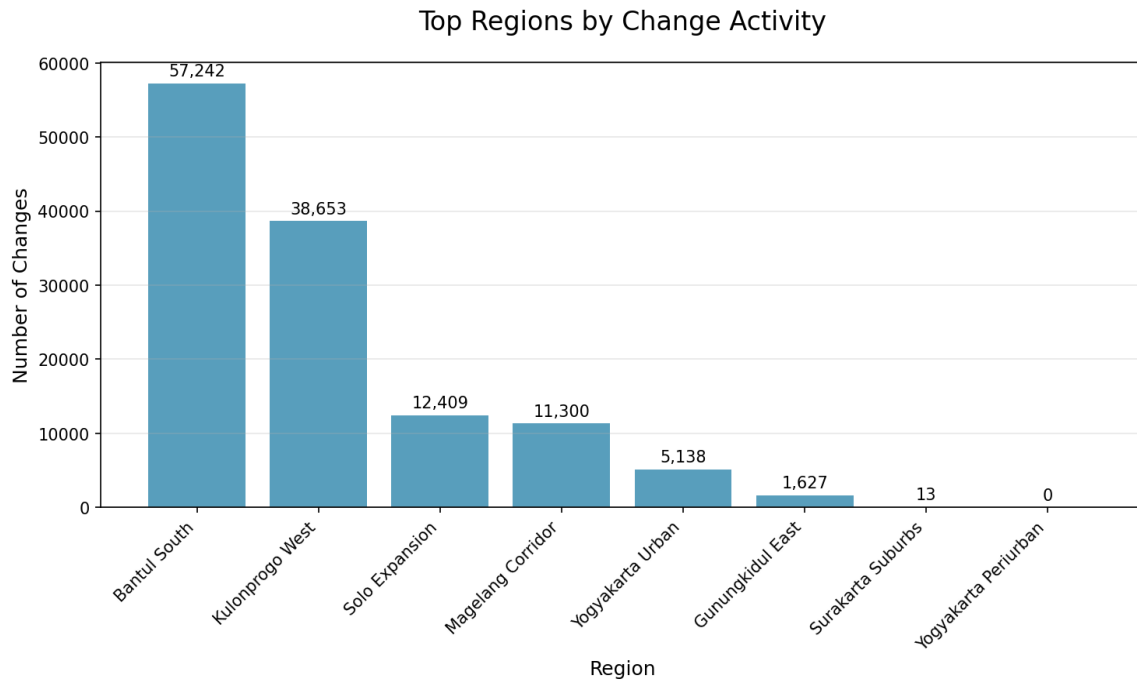
Total Changes Detected:	126,382
Total Area Changed:	14,468.3 hectares
Critical Alerts:	12
Investment Opportunities:	0

MONITORING RESULTS

Most Active Regions:

Region	Changes	Area (hectares)
Bantul South	57,242	6074.7
Kulonprogo West	38,653	5067.4
Solo Expansion	12,409	1416.0
Magelang Corridor	11,300	1294.5
Yogyakarta Urban	5,138	388.1

Regional Activity Overview:



■ 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.

■ Complete Regional Analysis

Region	Changes	Area (ha)	Score	Investment Notes	Period
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:

Bantul South

Changes: 57,242 | Area: 6074.7 ha | Density: 9.4 changes/ha

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

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

Kulonprogo West

Changes: 38,653 | Area: 5067.4 ha | Density: 7.6 changes/ha

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

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

Solo Expansion

Changes: 12,409 | Area: 1416.0 ha | Density: 8.8 changes/ha

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

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

Magelang Corridor

Changes: 11,300 | Area: 1294.5 ha | Density: 8.7 changes/ha

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

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

Yogyakarta Urban

Changes: 5,138 | Area: 388.1 ha | Density: 13.2 changes/ha

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

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

Gunungkidul East

Changes: 1,627 | Area: 226.4 ha | Density: 7.2 changes/ha

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

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

Surakarta Suburbs

Changes: 13 | Area: 1.1 ha | Density: 12.1 changes/ha

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

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

Yogyakarta Periurban

Changes: 0 | Area: 0.0 ha | Density: N/A

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

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

■ CRITICAL ALERTS

Critical Alerts (12):

- Critical: 5138 changes detected in `yogyakarta_urban`
- Critical: 388.1 hectares changed in `yogyakarta_urban`
- Critical: 57242 changes detected in `bantul_south`
- Critical: 6074.7 hectares changed in `bantul_south`
- Critical: 38653 changes detected in `kulonprogo_west`
- Critical: 5067.4 hectares changed in `kulonprogo_west`
- Critical: 1627 changes detected in `gunungkidul_east`
- Critical: 226.4 hectares changed in `gunungkidul_east`
- Critical: 11300 changes detected in `magelang_corridor`
- Critical: 1294.5 hectares changed in `magelang_corridor`

