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EXTENSOMETER CRACK MONITORING ANALYSIS
COMPREHENSIVE REPORT

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ANALYSIS PERIOD:

Start Date:	2025-07-20
End Date:	2025-10-17
Duration:	89 days
Total Records:	90

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CRACK OPENING STATISTICS

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CRACK OPENING:

Mean:	1.3046 mm
Min:	0.2708 mm
Max:	2.6852 mm
Std Deviation:	0.6364 mm

CUMULATIVE OPENING:

Total:	117.4157 mm
Average Rate:	1.3046 mm/day

CRACK RATE:

Mean:	0.0237 mm/day
Max:	0.3942 mm/day

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RISK ASSESSMENT

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Risk Distribution:

High	:	70 records (77.8%)
Low	:	10 records (11.1%)
Medium	:	10 records (11.1%)

Critical Events: 75
High Risk Days: 70

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DATA QUALITY

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Completeness: 100.0%
Monitoring Points: Multiple locations
Measurement Freq: Daily

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FILES GENERATED

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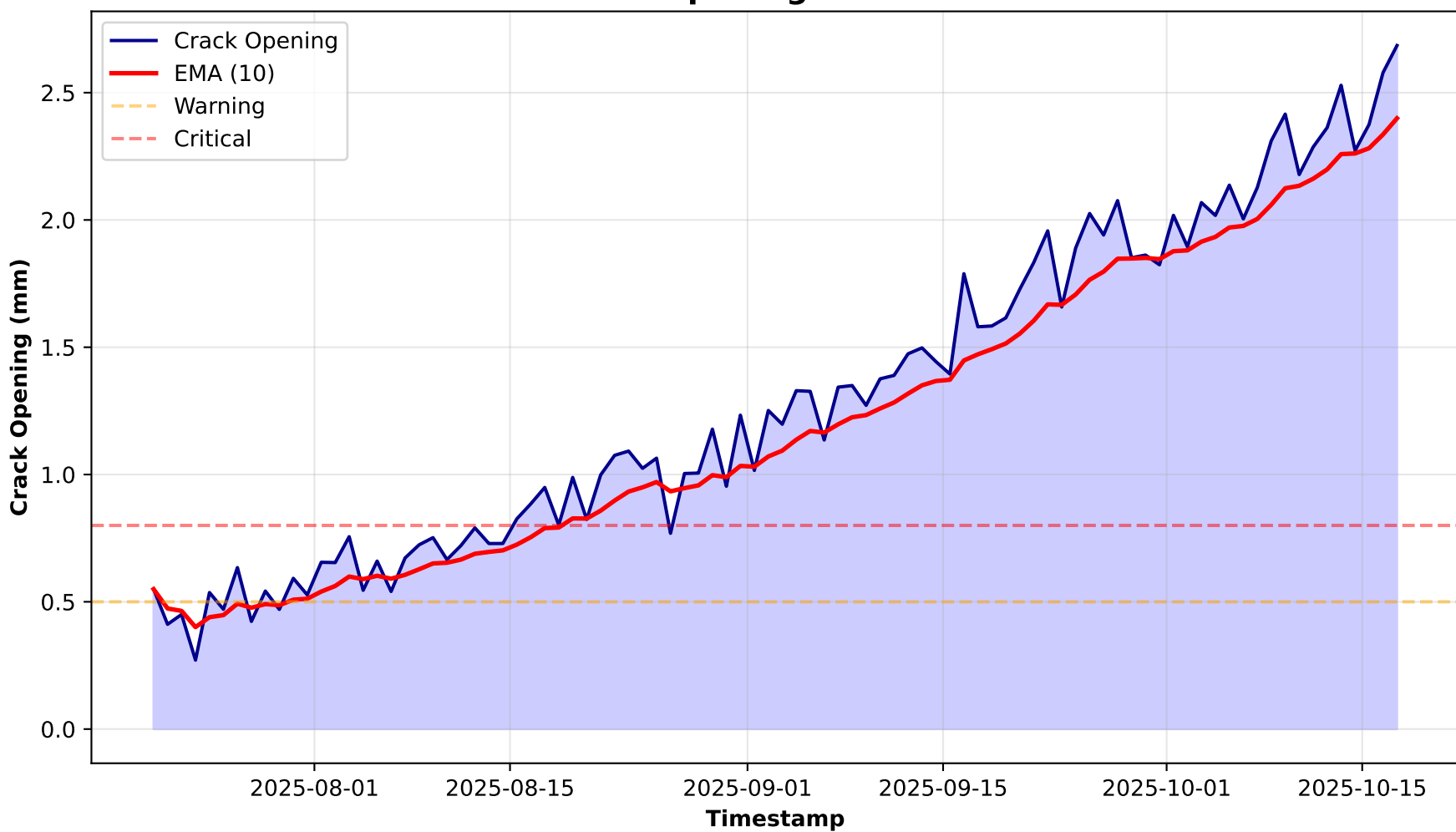
✓ Predictions:	c:\Users\rkste\Desktop\AI Rockfall Prediction\Upload\Extensometer\Analysis\extensometer_predictions_1.csv
✓ Dashboard JSON:	c:\Users\rkste\Desktop\AI Rockfall Prediction\Upload\Extensometer\Analysis\dashboard_1.json
✓ PDF Report:	c:\Users\rkste\Desktop\AI Rockfall Prediction\Upload\Extensometer\Report\extensometer_report_1.pdf

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☐ Extensometer Analysis Complete!
☐ All crack monitoring data processed and analyzed!

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Crack Opening Over Time



Cumulative Crack Opening

