

A83 Rest and Thankful

Operational & Landslip Management





TRANSPORT SCOTLAND CÒMHDHAIL ALBA

A83 Rest and Thankful

Hillside Monitoring Regime

Daily management of the route is continuing behind the scenes by our designated engineering team, to ensure it is safe for road users.

This includes:-

Daily

- Remote weather station monitoring
- Expert weather forecasting
- Ground saturation estimates
- Remote timelapse photography
- Daily decision-making on use of A83 or OMR

Weekly (depending on weather, more frequently)

- Site team observations on hillside condition and watercourse flows
- Hillside movement surveys & observations.

Traffic Management (varying levels of response)

- Traffic signals
- Convoy operation
- Old Military Road
- SIDR (A82/A85/A819)

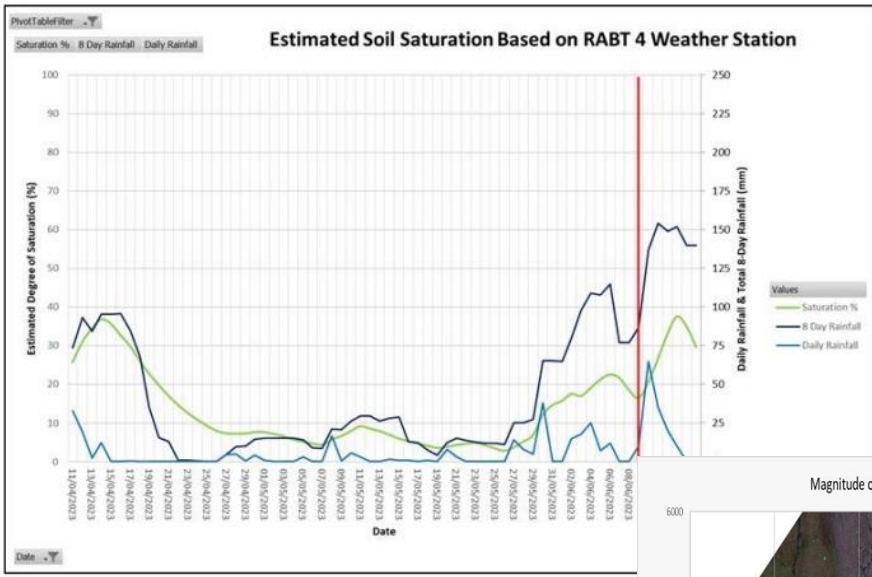


Figure 3. Estimated Soil Saturation

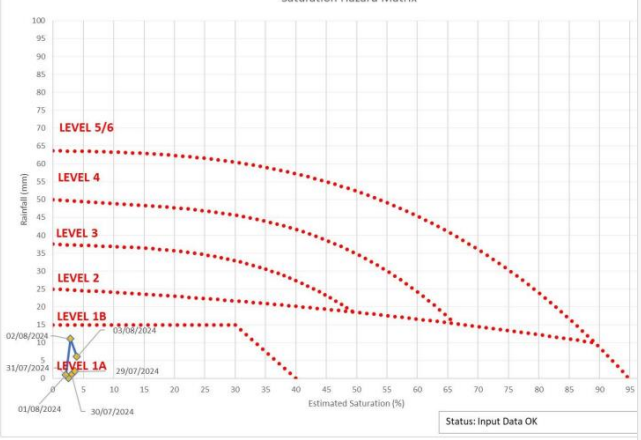
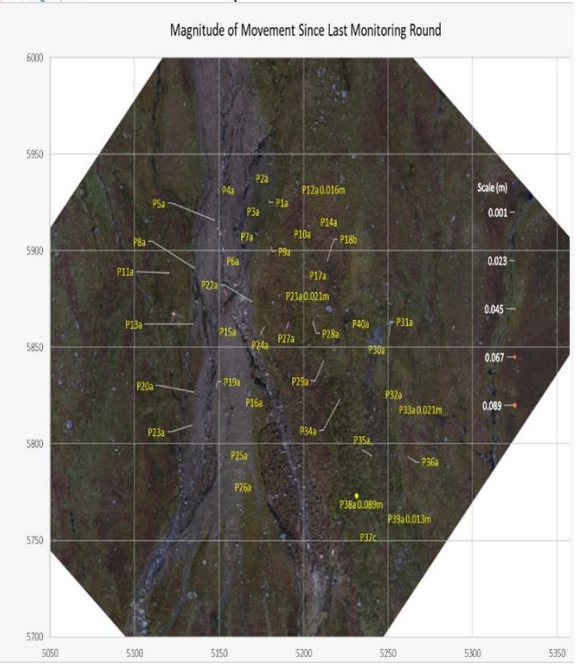


Figure 4. Saturation Hazard Matrix



A83 Rest and Thankful

Old Military Road (OMR) is operational;

- A number of works completed (Phase 1 of MTS) incl. road upgrades, drainage improvements, extend HESCO barrier, widening at bends
- Accessible for all forms of transport incl. arctics
- Use of convoy traffic management
- Other works incl. new structure over Croe Water & further road widening are still required to ensure full resilience & protect access to Argyle & Bute



A83 Rest and Thankful

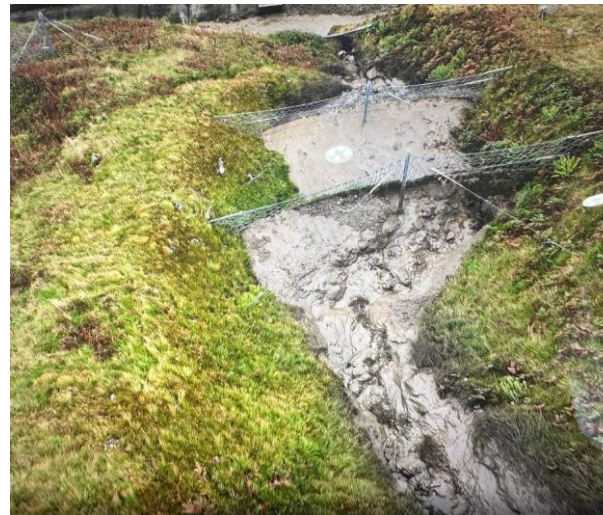
Image from February 2024



Phase 3a & 3b, Retaining Wall;

- Significant failure above the retaining wall section, boulders onto A83 considered as the primary risk
- At that time, no landslide mitigation fences or pits in this local
- Temporary boulder fence provided (flat bed) & under traffic signal control
- Permanent additional debris fence being designed and procured

Image from September 2024



Phase 7;

- Significant landslide during dry conditions, unanticipated
- Failure witnessed during normal procedures
- Successful use of debris flow netting & catchpit area
- Resulting clearance works completed successfully



A83 Rest and Thankful

QUESTIONS?

