



TORRO SITE INVESTIGATION
SUMMARY REPORT
Chobham, Surrey
8 June 2026

Report number: SI20260608_Chobham

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Horton, S.	0.1	Initial draft	18/8/26	
Smart, D.	0.2	Revision	10/8/26	Added comments on synopsis and radar imagery.
Horton S.	1.0	Final	16/9/26	Reviewed document and issued

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Site Investigation summary

Cause of damage:	Tornado
Strength:	T1
Track Length:	120m
Maximum measured width:	8-10m
Time/ duration	0845 UTC +/- 15 minutes
Map Location (Lat/Long)	51.3466, -0.6161

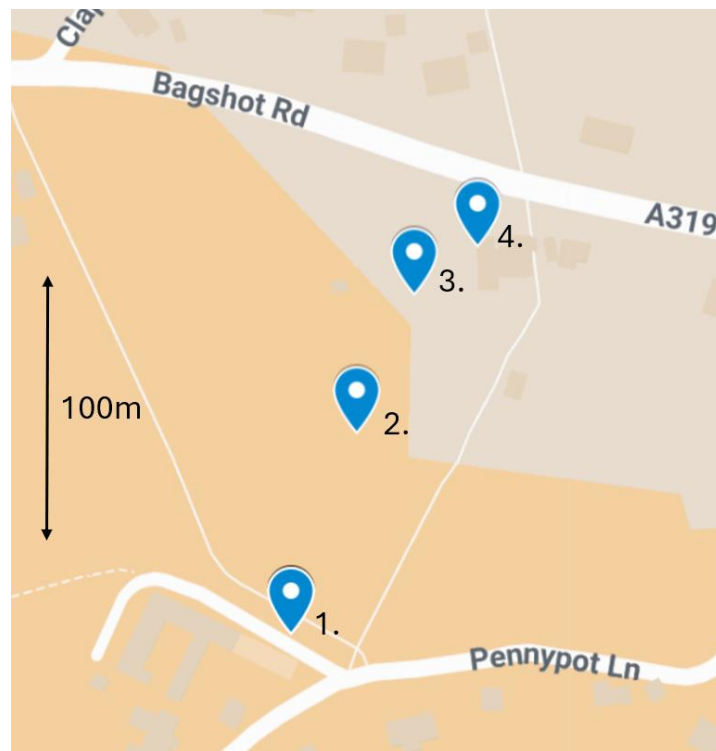


Figure 1: Damage track of the Chobham tornado (2026). Marker numbers correspond to damage descriptions in the section below. Map data ©2026 Google.

Key damage indicators

Evidence was gathered primarily through witness testimony from those present at the nursery, supplemented by GPS-recorded damage by the site investigator.

1. The first evidence of damage was located at the tree line to the SW (51.3459, -0.6166), where a very rotten tree of 40cm diameter had snapped at its base. There is some uncertainty as to how recent this damage was and therefore this may not be a reliable indicator. A small amount of branch damage was also noted nearby. **Intensity rating: T1**

2. At a livery adjoining the nursery (51.3465, -0.6163), stables were found moved off their base. The owner had been away and returned to find their belongings disturbed, remarking that it looked as though a tornado had come through. **Intensity rating: T1**
3. At the plant nursery (51.3469, -0.6160), witnesses reported light rain and calm winds before noticing a disturbance in the trees to the SW and a narrow tornado approaching. Occupants ran for the gazebos in an attempt to hold them down but were unsuccessful; one woman was thrown perpendicular to the track and ended up tangled with a mangled gazebo frame and plants, though she showed no visible injury afterwards. Plants were left lying in a distinctive circular pattern. A well-constructed shed nearby remained intact, but the nursery's shipping container (unsecured) was found moved off its fixed points. The tornado appeared to dissipate on leaving the nursery. **Intensity rating: T1**
4. Approximately 20m further along the track, guttering was removed from a house (51.3471, -0.6157). **Intensity rating: T1**

Meteorological summary

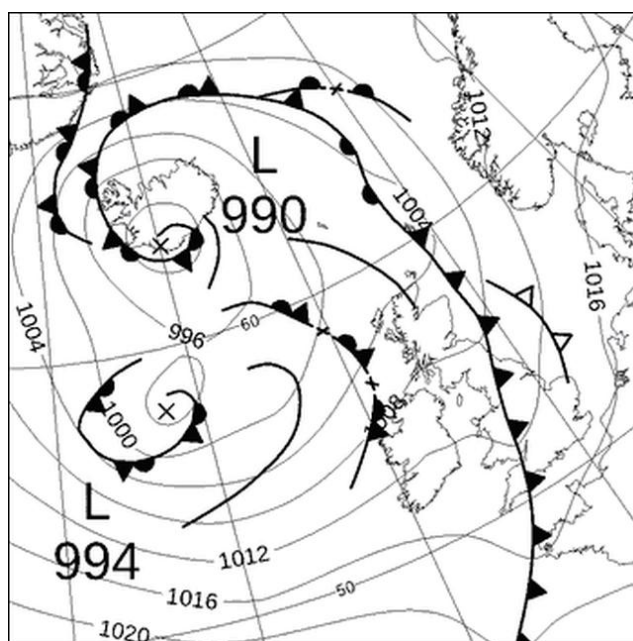


Figure 2: Met Office analysis valid 06 UTC 8 June 2026. Original chart: Crown copyright (2026).

This event occurred on a narrow cold-frontal rain band embedded within a wide cold-frontal rain band, trailing from a complex area of low pressure with a centre over Iceland.

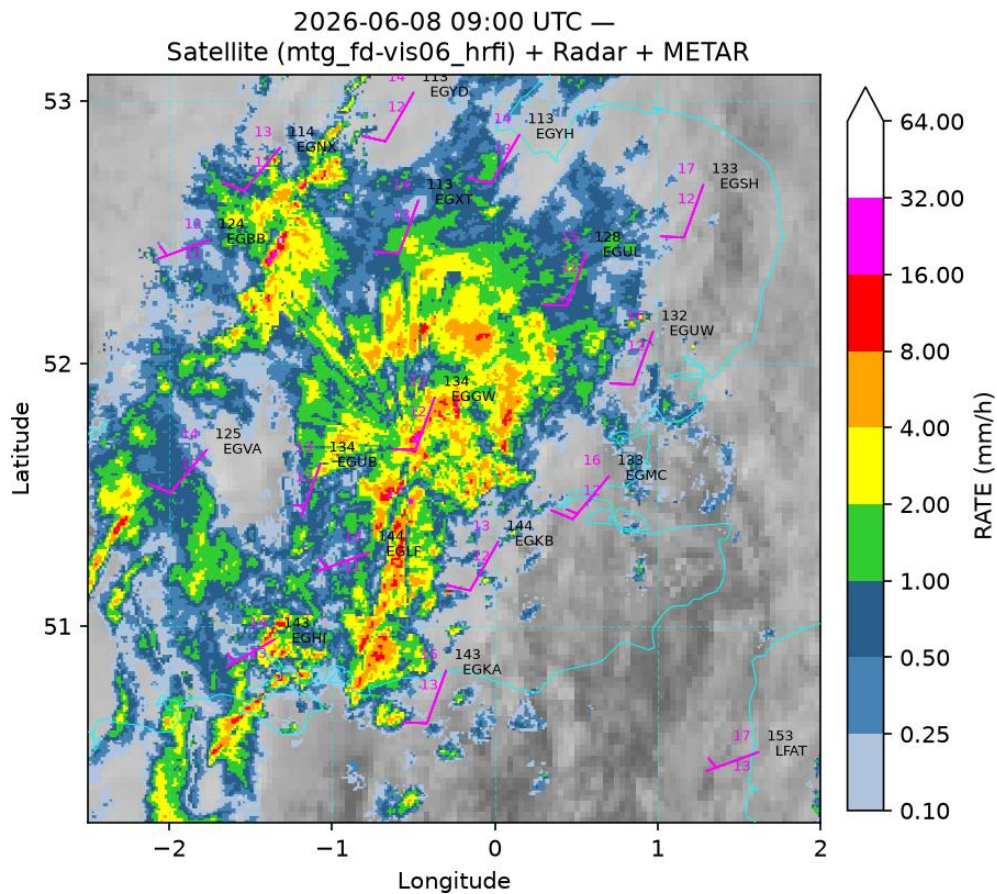


Figure 3: Network radar imagery, visible satellite image and surface observation 09 UTC.

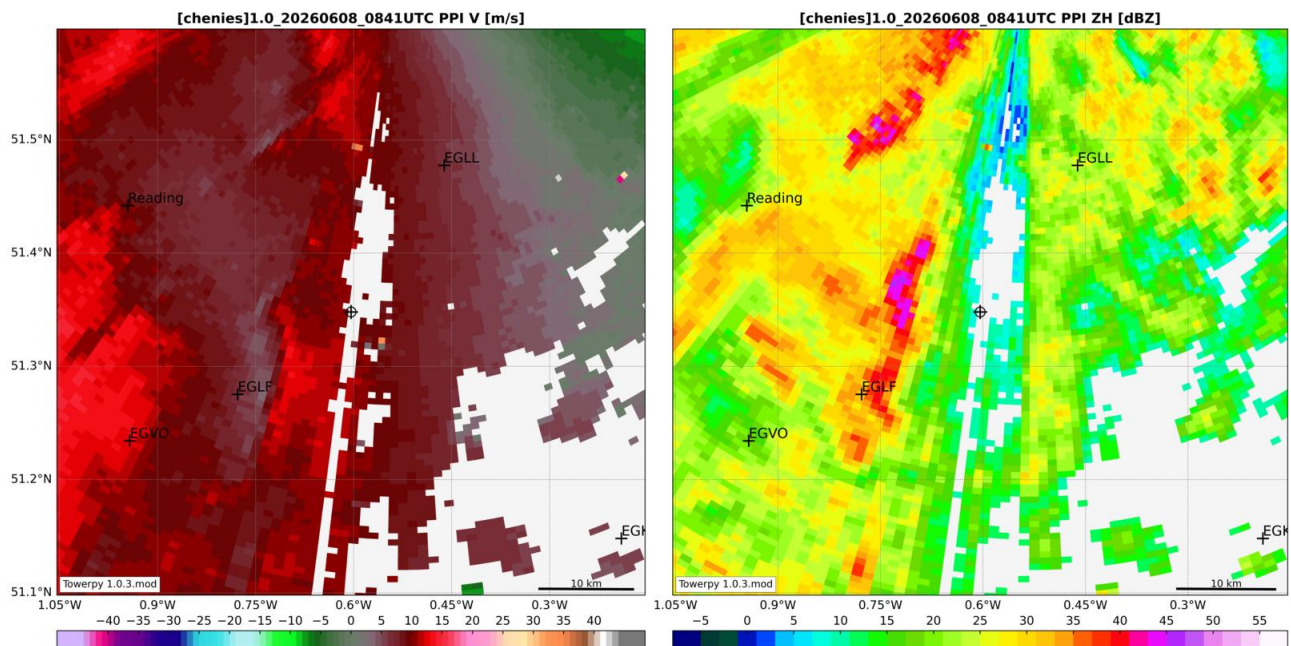


Figure 4: Single-site radar images from the Chenies radar 0841 UTC. Chobham is located at the target marker.

Relevant single-site imagery from the Chenies radar is compromised by 'spoking' artefacts. The 0841 UTC scan (Fig 4) and 0901 scans (not shown) suggests the event occurred as a short line-segment on the cold front crossed the area (the 0851 image is marred by attenuation). The 0841 radial velocity image indicates there was detectable wind shear along this segment. Thus the tornado may have been associated with core-gap morphology and was likely 'miso-cyclonic' in nature.

UKV runs exhibit similar line convection morphology. Model SBCAPE was < 50J/Kg, LCL ~153m, 0-1km shear ~8m/s, 0-3km shear ~9m/s, 0-6km shear 29m/s.

Data availability: network and single-site radar imagery (latter marred by artefacts). AWS/ASDI UKV data.

Comments

- 1 The relevant forum thread for the event analysis: [TORRO Forum](#) ACCESS RESTRICTED TO TORRO MEMBERS.
- 2 No video or photographic footage of the tornado has been obtained; evidence was gathered primarily through witness testimony from those present.
- 3 Thank you to the nursery owner who contacted TORRO and assisted with the site investigation.