

# KCGR QUICK START — Large Print Edition

**KCGR = Kershaw County Ground Report.** Full manual: FULL - KCGR - MANUAL .md. This page has everything a field operator or validator needs without reading anything else first.

## SENDING A REPORT (Field Operators)

**APRS Object Beacon:** `KCGR-<TYPE>` then comment: `ST SPEC LOCATION DDHHMM`

**Winlink:** File the **KCGR Resource Status** form → **TO:** `KCGR-OPS` (type it yourself — the form's own "Send To" field is a reminder only, it does NOT address your message). No character limit.

**No form?** Use the plain-text template in the repo at `kcgr-resource-feed/winlink_forms/KCGR_NoForm_WinLink_Template.md` — same address, same subject rule, just typed by hand instead of picked from a form. Keep the labels (`Category:`, `Status:`, etc.) exactly as shown in that file.

**Meshtastic:** Same prefix/codes, then plain English. ~200 char practical limit.

**Field order — most critical first.** If your message gets cut short, it loses the timestamp before it loses status or location:

`ST SPEC LOCATION DDHHMM`

- **ST** — 2-letter status (always first)
- **SPEC** — 2-letter specifier
- **LOCATION** — abbreviated place / road
- **DDHHMM** — day/hour/minute, local time, always last, can be shortened or omitted

## STATUS CODES (ST) — always right after the object name

| CODE            | MEANING                           | MAP COLOR              |
|-----------------|-----------------------------------|------------------------|
| <code>OP</code> | Open / operational                | ● Green                |
| <code>CL</code> | Closed                            | ● Red                  |
| <code>LM</code> | Limited (hours/supply/capacity)   | ● Yellow               |
| <code>CA</code> | Caution (hazardous, mostly roads) | ● Amber                |
| <code>UK</code> | Unknown (not directly observed)   | ● Grey — use sparingly |

## OBJECT TYPES & SPECIFIERS

| OBJECT                 | MEANING                | SPECIFIERS                                                                                                                                                     |
|------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>KCGR-SHLT</code> | Emergency shelter      | <code>CA</code> capacity avail · <code>NP</code> no pets · <code>PP</code> pets ok · <code>MO</code> medical only                                              |
| <code>KCGR-MED</code>  | Medical facility       | <code>ER</code> ER · <code>UC</code> urgent care · <code>PH</code> pharmacy · <code>OP</code> / <code>CL</code>                                                |
| <code>KCGR-ROAD</code> | Road / bridge          | <code>OP</code> passable · <code>CL</code> closed · <code>CA</code> caution · <code>BR</code> bridge · <code>FL</code> flooding · <code>TR</code> trees/debris |
| <code>KCGR-H2O</code>  | Potable water          | <code>DP</code> distribution pt · <code>B0</code> boil order · <code>UK</code> unknown quality                                                                 |
| <code>KCGR-FOOD</code> | Food/grocery           | <code>HF</code> hot food · <code>GR</code> grocery · <code>BT</code> both                                                                                      |
| <code>KCGR-FUEL</code> | Fuel                   | <code>GS</code> gas · <code>DS</code> diesel · <code>PP</code> propane · <code>GD</code> gas+diesel · <code>AL</code> all                                      |
| <code>KCGR-PWR</code>  | Power/charging         | <code>GN</code> generator · <code>CH</code> device charging · <code>UT</code> utility restored                                                                 |
| <code>KCGR-CELL</code> | Cell signal            | <code>AT</code> AT&T · <code>VZ</code> Verizon · <code>TM</code> T-Mobile · <code>AL</code> all carriers                                                       |
| <code>KCGR-ATM</code>  | ATM/financial          | <code>OP</code> operational · <code>CL</code> closed · <code>LM</code> cash limited                                                                            |
| <code>KCGR-HW</code>   | Health & welfare relay | <code>OP</code> relay available · <code>HR</code> hours follow · <code>NM</code> no message limit                                                              |

**Doesn't fit cleanly?** Use `KCGR-SHLT` or `KCGR-FOOD` — broadest categories, when in doubt.

## WORKED EXAMPLES

OP PP LUGOFF MIDDLE SCH 262145

→ Shelter open, pets allowed — Lugoff Middle School — 6/26, 9:45 PM

CL TR US601 N OF WATEREE 262200

→ Road closed, trees down — US 601 north of Wateree River — chain saw needed

LM ER KMC DIVERT TRAUMA 262115

→ Medical limited — KMC ER diverting trauma cases

**Cut short is still useful:**

CL FL SC34 AT LYNCH CREEK 26

— status and location intact even with no exact time. Send it anyway.

## TO CORRECT OR CLOSE OUT A REPORT

**Never delete — send a follow-up** with the updated status once a condition resolves (road reopens, shelter closes, fuel runs out). This is how the public map and the record both stay accurate. An APRS "kill" message only removes the beacon from aprs.fi — it does **not** update the KCGR map.

## FOR HUB OPERATORS / VALIDATORS

**Activation:** Notify data-entry operators/validators; do one test entry and confirm it appears on the map before relying on it. Automated channels (Pi-local, APRS-IS, Winlink) already check on their own schedule — nothing to switch on except the optional hardware-tied fallback.

**During an event:** Confirm your own report reached the map within one hour, every channel. Watch for the gap — anything relayed over DMR/Meshtastic/Facebook/Skywarn depends on a person remembering to also enter it.

**Remove a bad/duplicate report:**

Panel (APRS-IS + Winlink): `http://100.68.180.65:5050/records`

Pi's own local channel (terminal only): `python3 remove_record.py --list`

**Public map:**

Full: `https://umap.openstreetmap.fr/en/map/kcgr-resource-map_1426330`

Short: `http://u.osmfr.org/m/1426330/`

## ALSO FILE WITH SC ARES/SCEMD

KCGR-RS reports **observed community conditions** (shelter, fuel, water, roads). It does **not** replace a **Field Situation Report (FSR)** for infrastructure status (power, water, cell, internet) — file both during active events.

*Full detail, rationale, and edge cases: FULL-KCGR-MANUAL.md and kcgr-ops.html. This page is deliberately incomplete — it's built for speed under pressure, not completeness. Large-print edition — print double-sided.*