

KCGR QUICK START — Crisis-Speed Reference

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

Field order — most critical first. If cut short, loses timestamp before status/location:

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

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

Code	Meaning	Map color
OP	Open / operational	Green
CL	Closed	Red
LM	Limited (hours/supply/capacity — clarify)	Yellow
CA	Caution (accessible but hazardous — mostly roads)	Amber
UK	Unknown (not directly observed)	Grey — use sparingly

OBJECT TYPES & SPECIFIERS

Object	Meaning	Specifiers
KCGR-SHLT	Emergency shelter	CA capacity avail · NP no pets · PP pets ok · M0 medical only
KCGR-MED	Medical facility	ER ER · UC urgent care · PH pharmacy · OP / CL
KCGR-ROAD	Road / bridge	OP passable · CL closed · CA caution · BR bridge · FL flooding · TR trees/debris
KCGR-H2O	Potable water	DP distribution pt · B0 boil order · UK unknown quality
KCGR-FOOD	Food/grocery	HF hot food · GR grocery · BT both
KCGR-FUEL	Fuel	GS gas · DS diesel · PP propane · GD gas+diesel · AL all
KCGR-PWR	Power/charging	GN generator · CH device charging · UT utility restored
KCGR-CELL	Cell signal	AT AT&T · VZ Verizon · TM T-Mobile · AL all carriers
KCGR-ATM	ATM/financial	OP operational · CL closed · LM cash limited
KCGR-HW	Health & welfare relay	OP relay available · HR hours follow · NM 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.