

Somalia Flood Forecast Bulletin

Federal Ministry of Energy and Water Resources

Forecast Model run: 10 October 2026 | Valid: 10 Oct 03:00 – 16 Oct 06:00 (UTC+3)

Key points

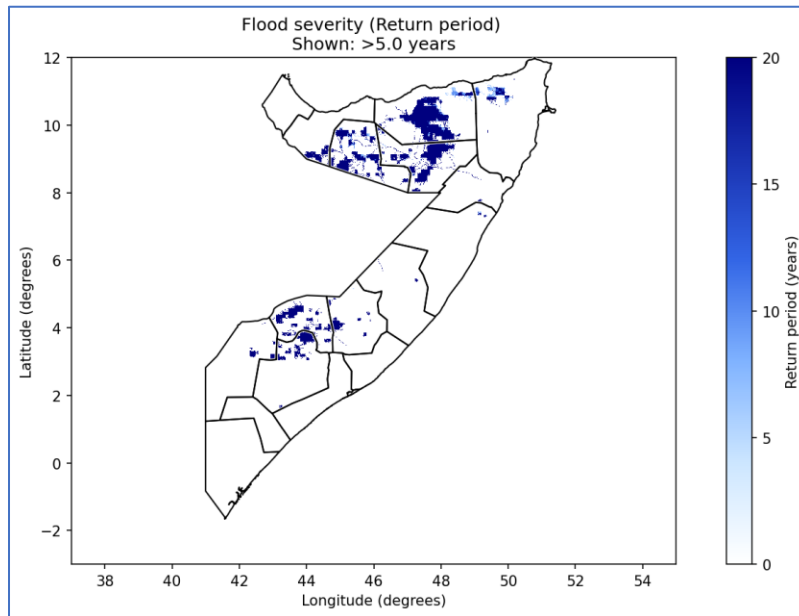
- **Nine regions** are forecast to have flash flooding over at least 1% of their area. The trigger is a flood big enough to happen only about once every 5 years (a “5-year return period”, $RP > 5$).
- **Warning:** Sanaag and Togdheer, where two or more models agree.
- **Sanaag is most exposed:** up to 14,434 km² (22.5% of region) on 12 Oct 15:00. Sool: 8,062 km² (18.2%) on 13 Oct 03:00. Togdheer: 3,725 km² (9.1%) on 12 Oct 03:00.
- **Timing:** heaviest rain falls on 10 Oct (Togdheer 42.6 mm); flood extent peaks 2–4 days later, 11–13 Oct.
- **Rivers:** None of the key stations are forecasted to reach or approach the 2-year return period (Beletwein, Jowhar, Luuq, Bardera).

Warning, watch and advisory regions

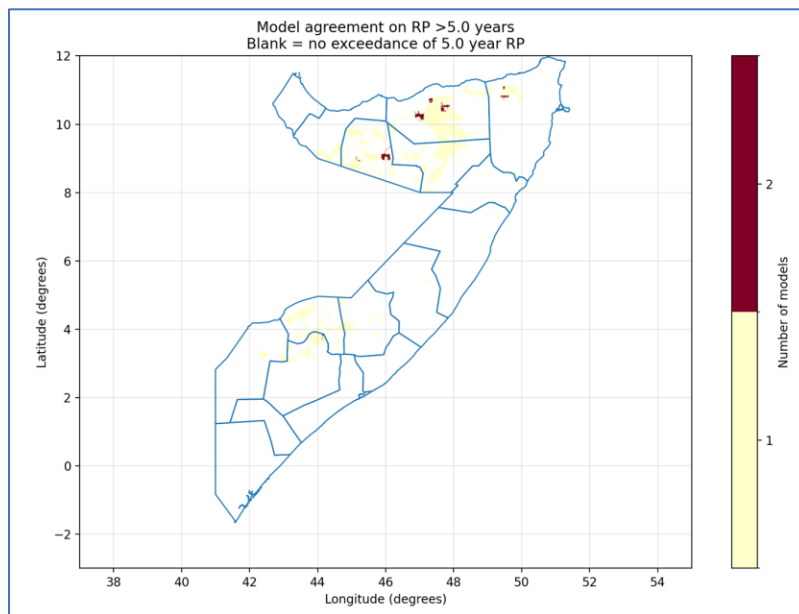
Level	Region	Flood area (km ²)	% of region	Peak time	Models	Peak rain (mm/hr)
WARNING	Sanaag	14,434	22.5%	12 Oct 15:00	2 (ECMWF, WRF)	39.95
WARNING	Togdheer	3,725	9.1%	12 Oct 03:00	2 (ECMWF, WRF)	42.62
WATCH	Sool	8,062	18.2%	13 Oct 03:00	1 (WRF)	39.78
WATCH	Bakool	2,390	8.0%	11 Oct 21:00	1 (WRF)	28.88
WATCH	Woqooyi Galbeed	2,116	6.2%	12 Oct 12:00	1 (WRF)	29.00
ADVISORY	Bari	2,463	3.0%	11 Oct 18:00	1 (ECMWF)	33.38
ADVISORY	Bay	2,051	4.0%	12 Oct 15:00	1 (WRF)	25.29
ADVISORY	Hiraan	1,128	2.8%	13 Oct 00:00	1 (WRF)	28.95
ADVISORY	Gedo	901	1.7%	12 Oct 15:00	1 (WRF)	19.75

Classification: Warning = 2+ models agree; Watch = one model, flood area at least 1% of region area exceed 5 years flood return period flows; Advisory = one model, flood area under 1% of region area exceed 5 years flood return period flows. Levels are based on the 10 Oct run.

National maps

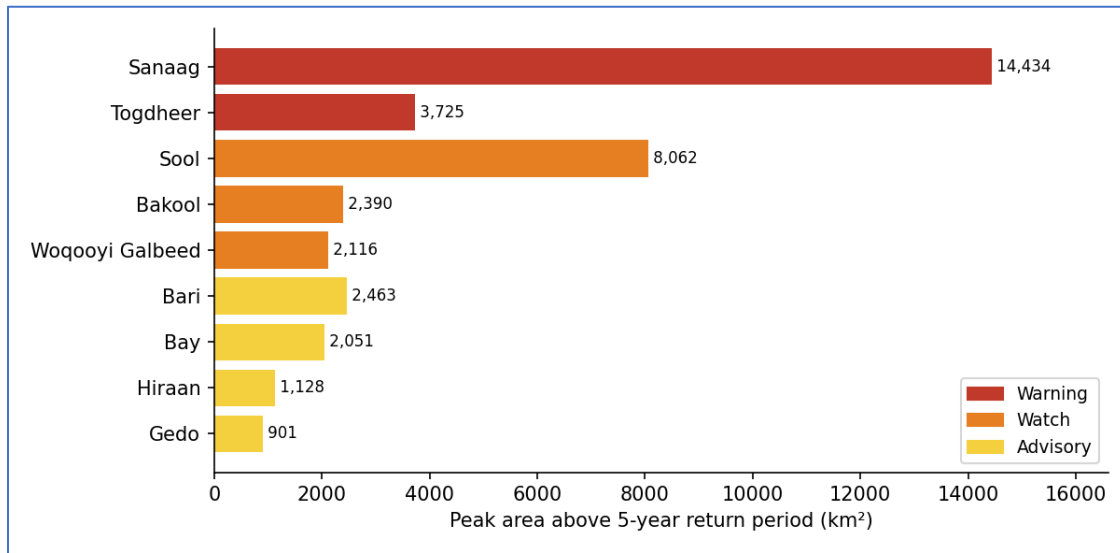


Flood severity: maximum return period (RP, years) over the forecast period. Darker = higher RP (up to 20+ years).



Model agreement on RP>5 years: light yellow = 1 model; dark red = 2 models; blank = no exceedance.

Flood exposure by region



Peak area above the 5-year return period by region (bar colour = alert level).

Impact and Recommended actions

- Expect flash flooding along dry riverbeds and in low-lying areas
- It's advisable to disseminate this information to affected communities;
- Move people, livestock and assets away from at-risk areas
- Clear drainage ways and historical flow areas to minimize flooding risk to people, livestock and properties
- Prepare response plans in the event of imminent flooding
- Report back to the MoE&WR the accuracy of this forecast and where improvements are needed

Source: MoEWR Operational Flood Forecast Model, run 2026-10-10. Rainfall: GDPS, GFS, WRF; hydrology: EF5. All times UTC+3.