



21 Sept 2023



LVK-EM Telecon



LIGO Hanford

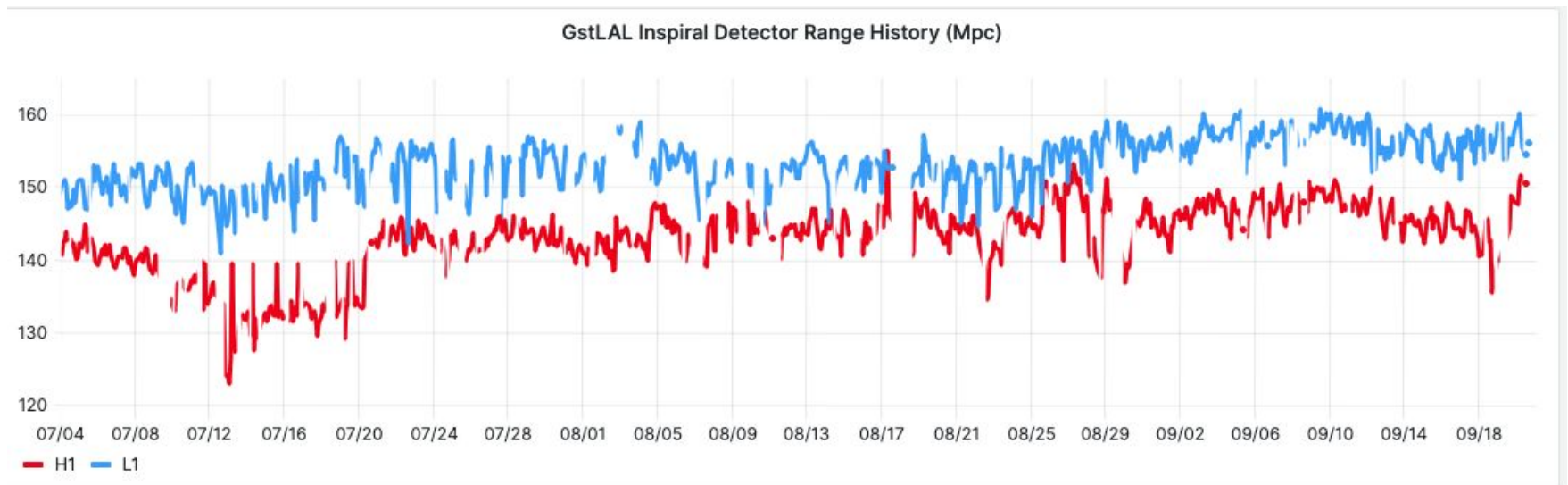
Observing ~67% of the time in O4 so far

Slight thermal tuning of auxiliary mirror radius of curvature improved low frequency sensitivity.
Ongoing work to improve contamination from lines that affect stochastic and continuous wave searches.

LIGO Livingston

Observing ~78% of the time in O4 so far

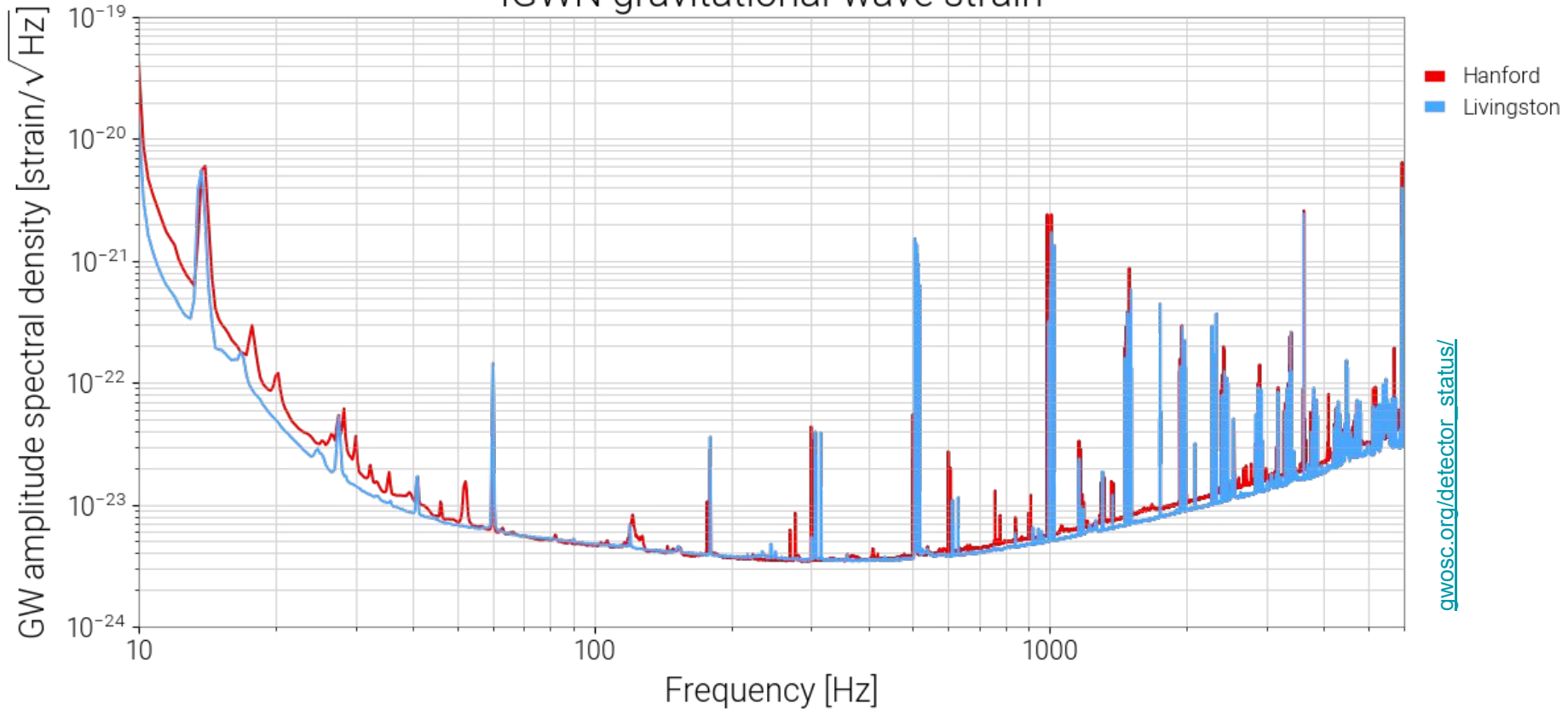
Nearby logging prevented daytime observation from late July through mid-August. Low frequency noise improvements resulted in a modest uptick in inspiral range.



online.ligo.org

[1377475218-1377561618, state: Observing]

IGWN gravitational-wave strain



Both LIGO sites doing a small amount of ongoing commissioning to improve range and duty cycle.