

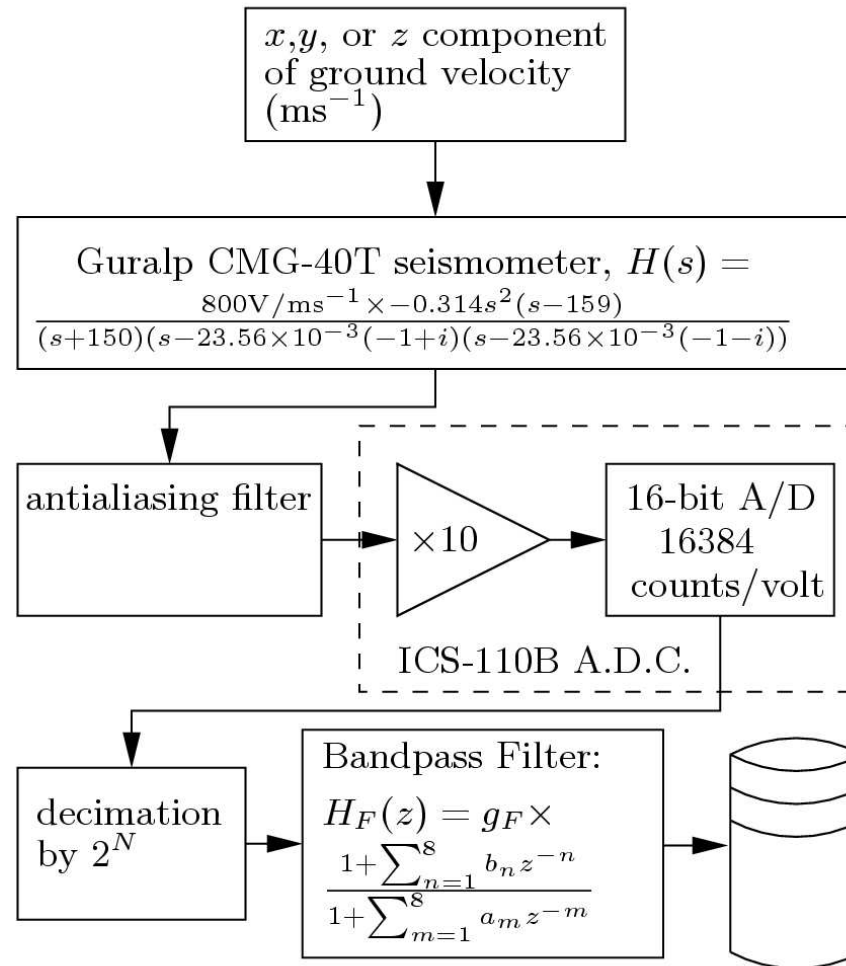
Results from Analysis of Two Years of Band Limited RMS Monitor Seismic Data

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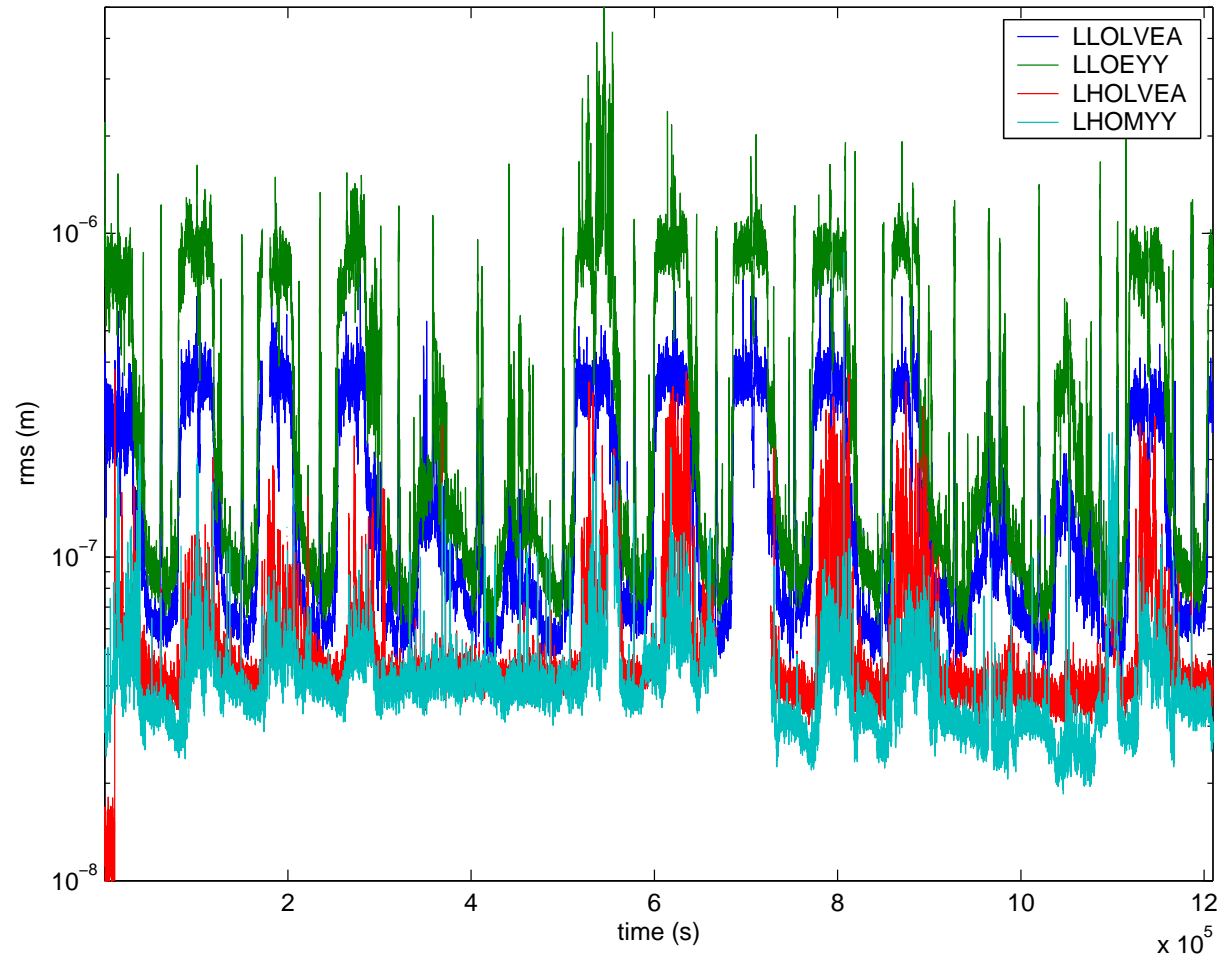


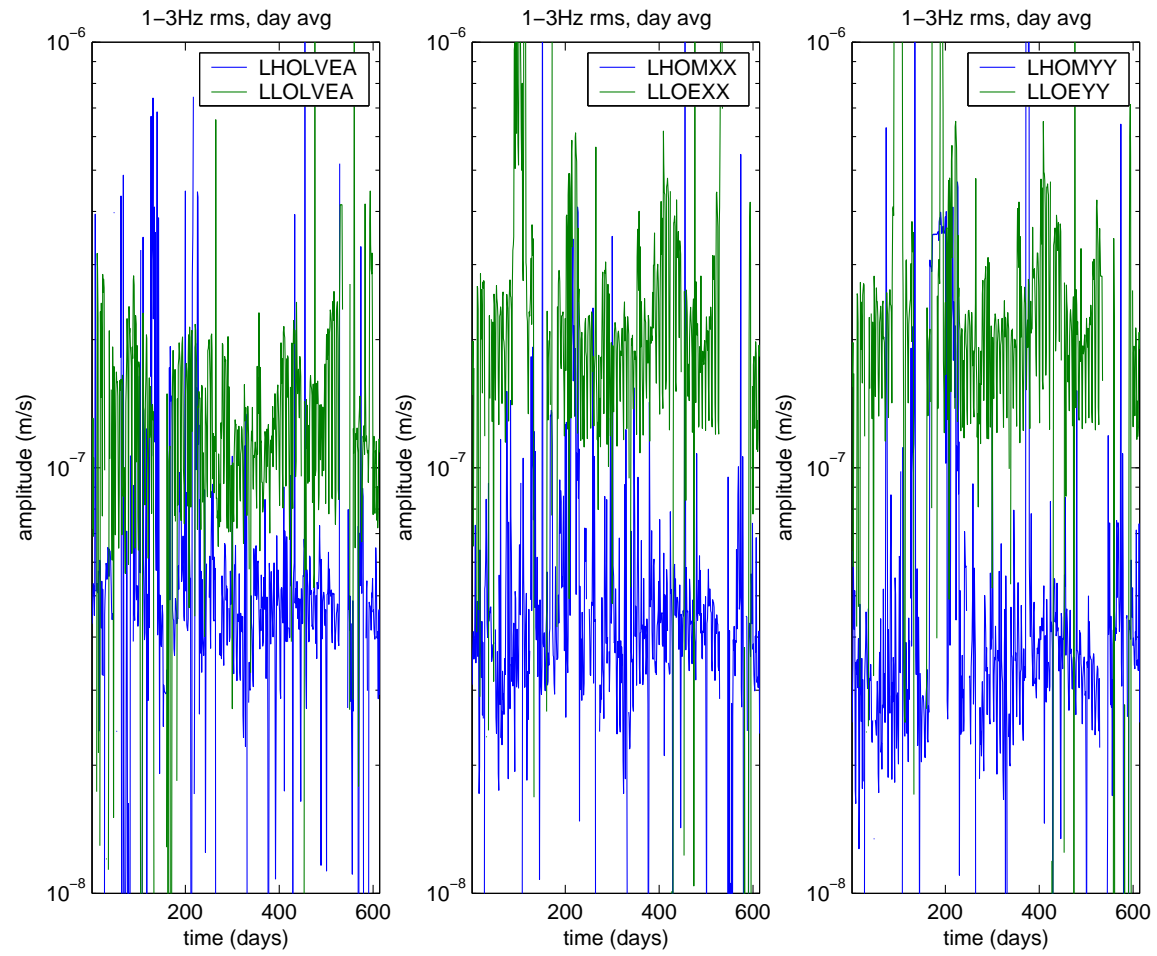
Deadtime fraction

seismometer	no data (%)	data absent/bad by eye (%)
LHO LVEA	20	22
LHO MID X	15	9 (!)
LHO MID Y	15	24
LHO END X	14	32
LHO END Y	15	26(++)
LLO LVEA	18	19
LLO END X	18	27
LLO END Y	18	29

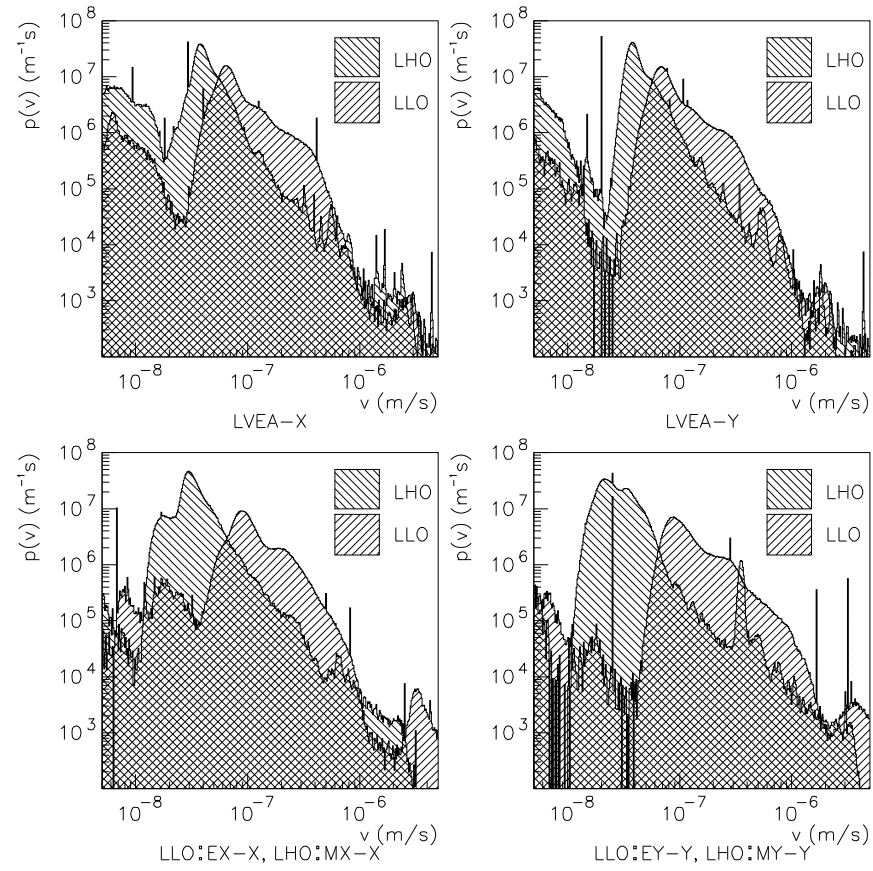
Average deadtime fraction is about 24 %

A sample of 2 weeks

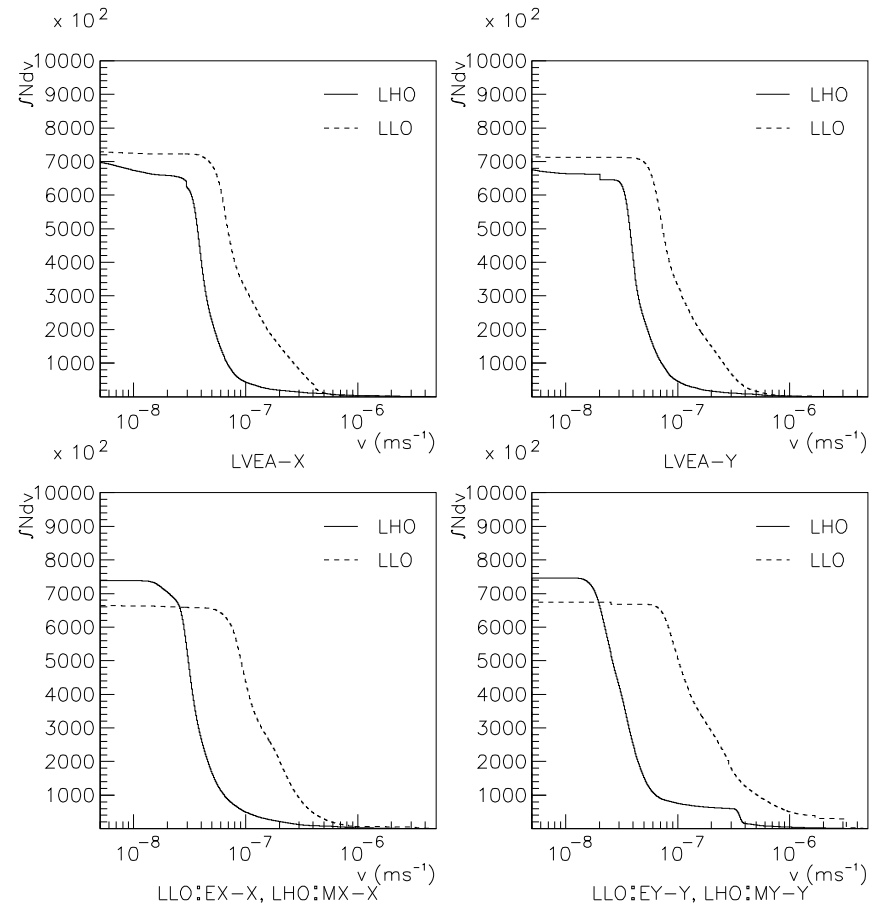




Histograms



Integrated Histograms



Conclusions

- BLRMS ran for 614 days at 76% duty cycle
- Livingston corner station is about $4\times$ noisier in a measurement of r.m.s. 1-3Hz ground velocity than Hanford corner station
- Comparing the end stations, Livingston is noisier than Hanford by a factor of 8-10 in the same measure
- Peak difference may be somewhat worse - run a modified blrms on the S2 data to get an idea of how much