

Video Plankton Recorder Results HOT352 and KM2414
2024-9-09

HOT352: 16 Aug - 20 Aug 2024 Station ALOHA (22°45' -158°) – 3 VPR Tows
KM2414: 21 Aug - 26 Aug 2024 West of ALOHA – 4 VPR Tows

For information regarding methodology and/or discussion of results, please email Andrew Hirzel (ahirzel@hawaii.edu).

Below are two sets of plots:

The first show the tow tracks overlaid on satellite chlorophyll for both HOT352 and KM2414. Satellite file source are 'cmems_obs-oc_glo_bgc-plankton_myint_l4-gapfree-multi-4km_P1D'.

The second set of plots show successive tows by cruise and tow number, with separate tows being separated by vertical black lines. Automatic image classifications are shown as running means to more clearly display results. 'Total' indicates the concentration of all images for that time bin. I have included turbidity for completeness, but I would take those results with a grain of salt, since we are close to the instrumentational noise threshold. For scarce categories (e.g., Forams), concentrations are more accurate when interpreted as presence/absence.



