

115-10-10460

Water Body Name: *St. James Creek

Species & Lifestage Observed:

Observation Date: 04/29/2024

Observers: Mark Hieronymus, Sam Roche, Ed Neal

Observations: We walked this stream with GPS from its saltwater terminus to a point approximately 7 kilometers upstream. Comparison of the 2023 AWC arc for 115-10-10460 and our field-verified stream path suggests a route correction is warranted. Observation locations and notes are in Table 1, recent satellite imagery¹ of the tide flat and saltwater terminus near 1.6' tide stage² and a map showing endpoints and route correction are in Figures 1-2.

Table 1.- 115-10-10460 observation locations and notes.

Waypoint	Latitude	Longitude	Notes
MLLW	58.616019	-135.193128	MLLW inferred from recent satellite imagery, NOAA tidal date (see footnotes and picture caption).
Upper End of Obs	58.656061	-135.264672	Upstream end of observations.

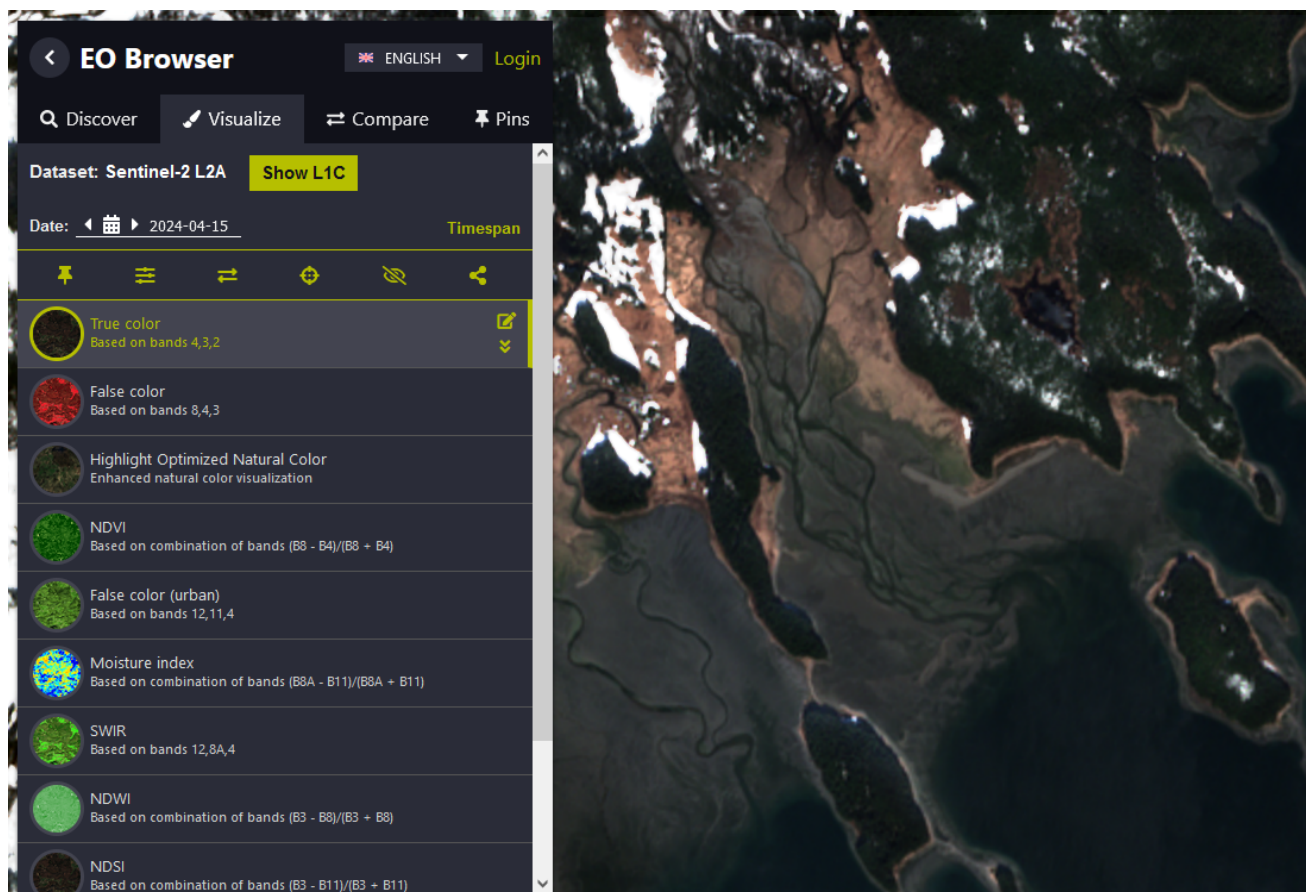


Figure 1.- Sentinel-2 L2A imagery from 04/15/2024 20:28:36 UTC showing the St. James Creek tide flat and saltwater terminus at approx. 1.6' tide stage (NOAA #9452210, preliminary water level data, 4/15/24, 22:30 GMT).

¹ Time-Stamped Sentinel-2 L2A Imagery, centered on St James Bay, AK - <https://apps.sentinel-hub.com/eo-browser/?zoom=14&lat=58.61859&lng=-135.18591>
Imagery from 04/15/2024, 20:28:36UTC, accessed 05/02/2024.

² Juneau Tidal Data (Reference station) -<https://tidesandcurrents.noaa.gov/stationhome.html?id=9452210>
Preliminary water level data comparison with predicted tide stage for 04/15/2024, accessed 05/02/2024.

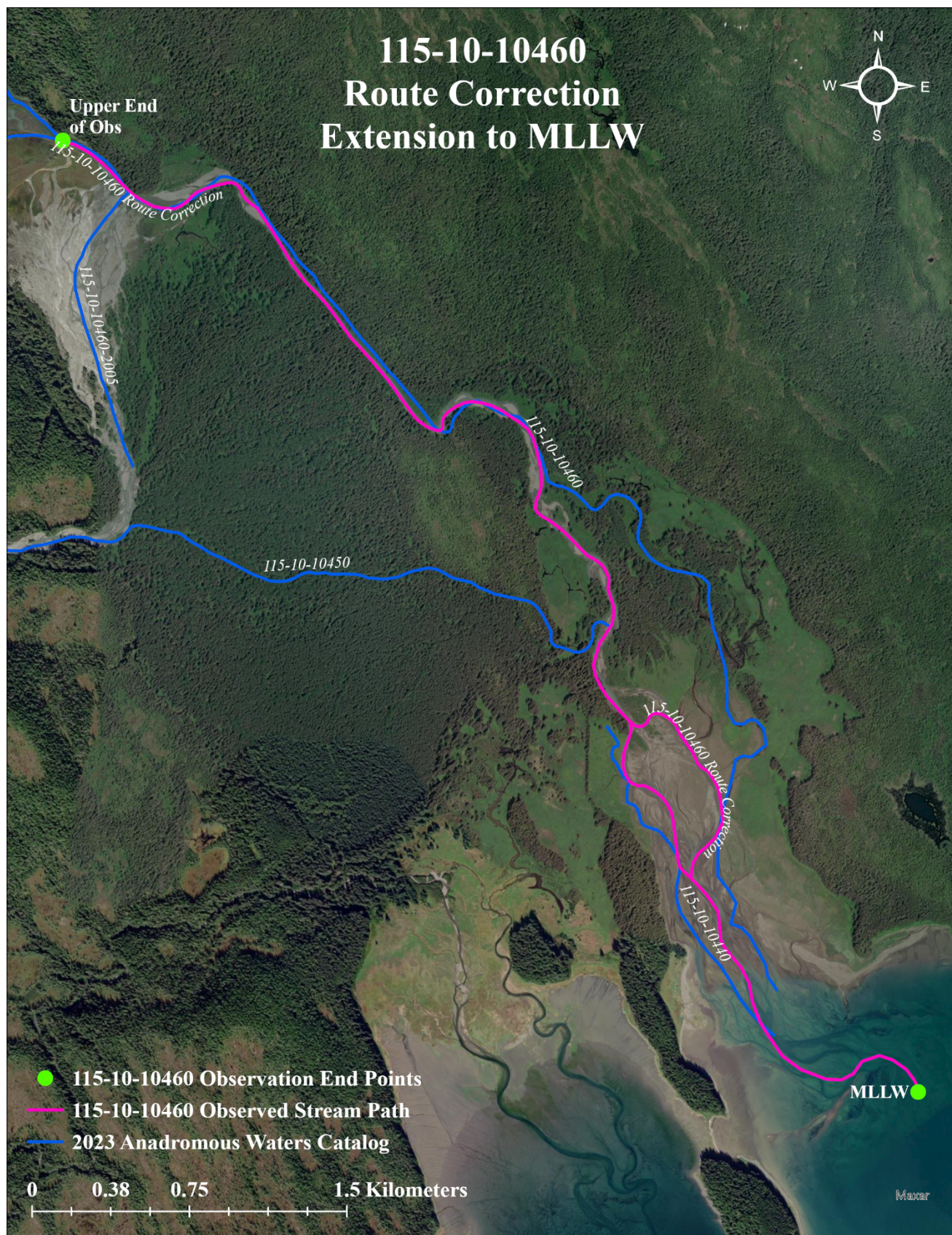


Figure 2.- A map of 115-10-10460 showing endpoints and route correction.