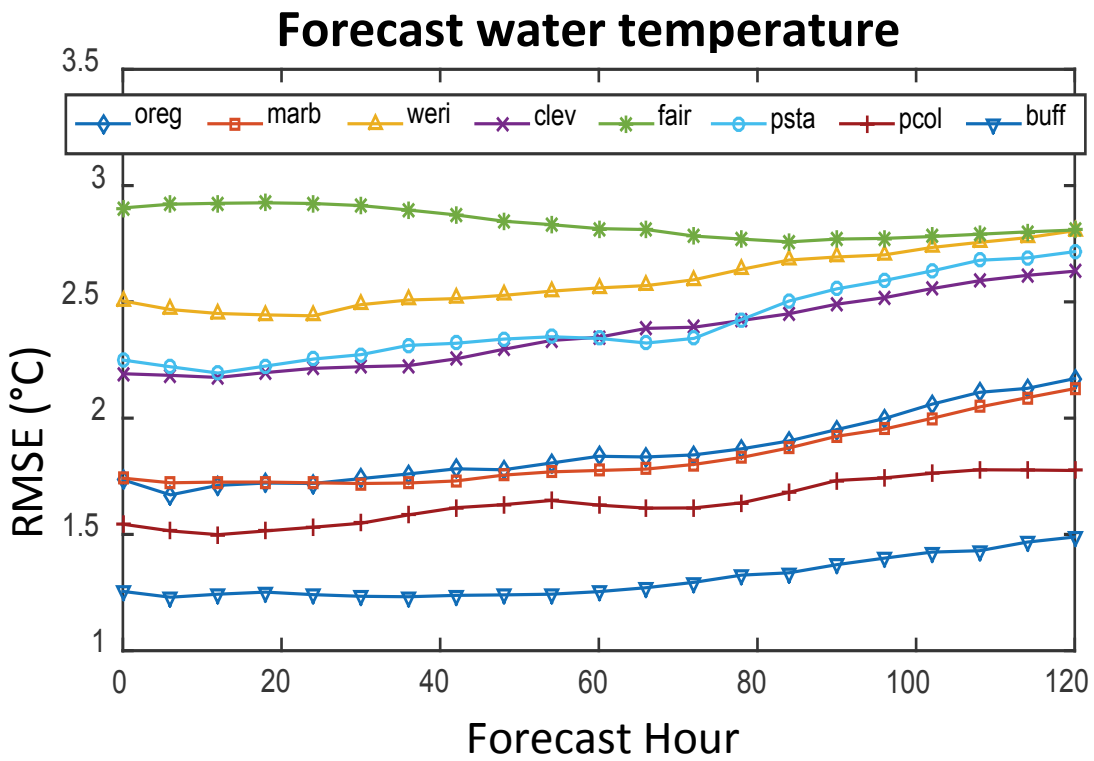
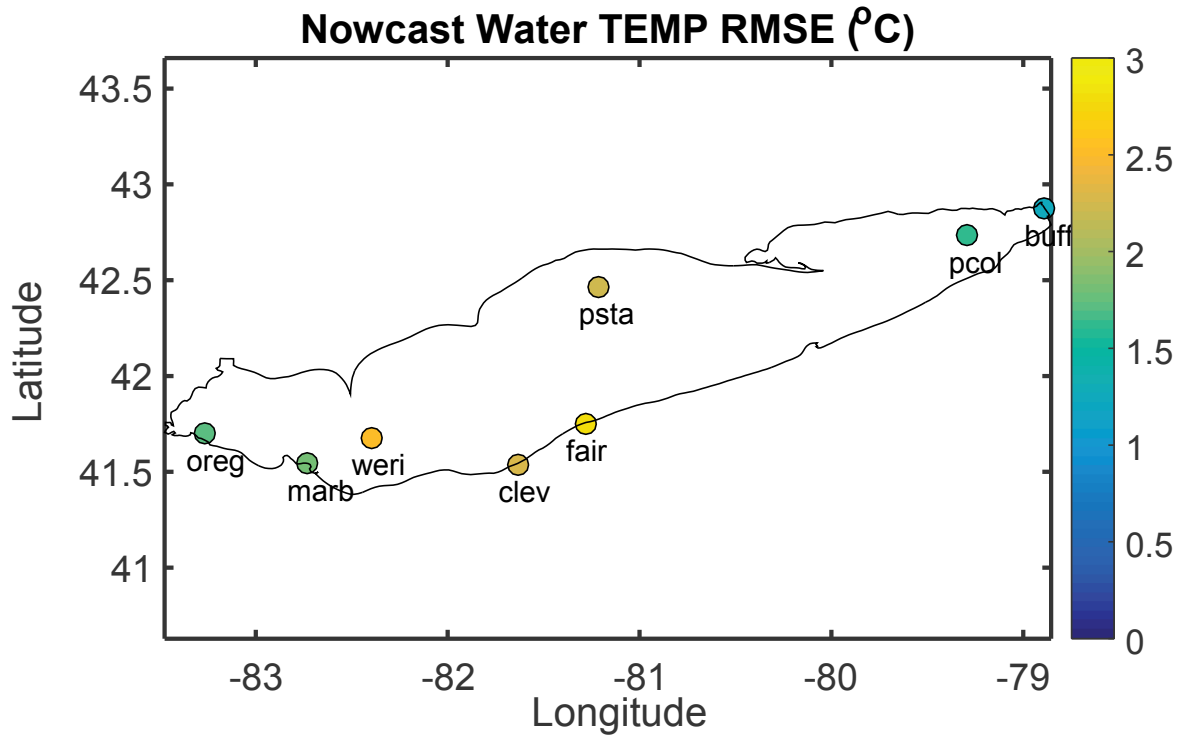
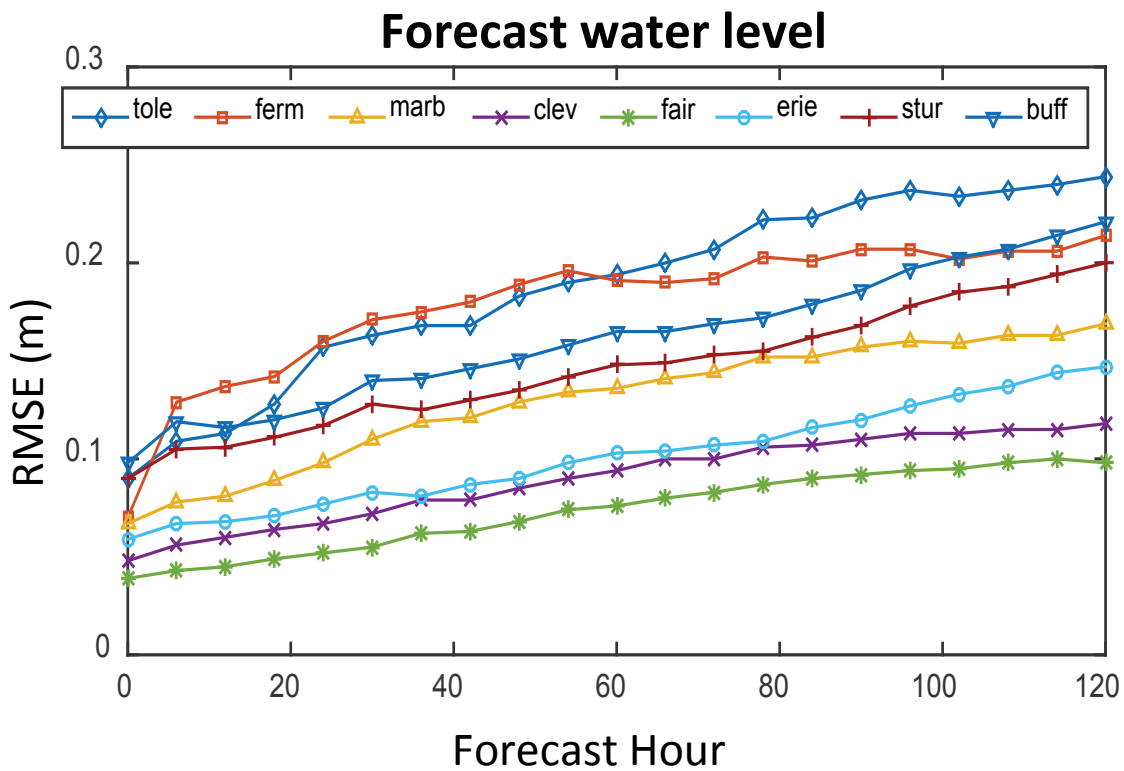
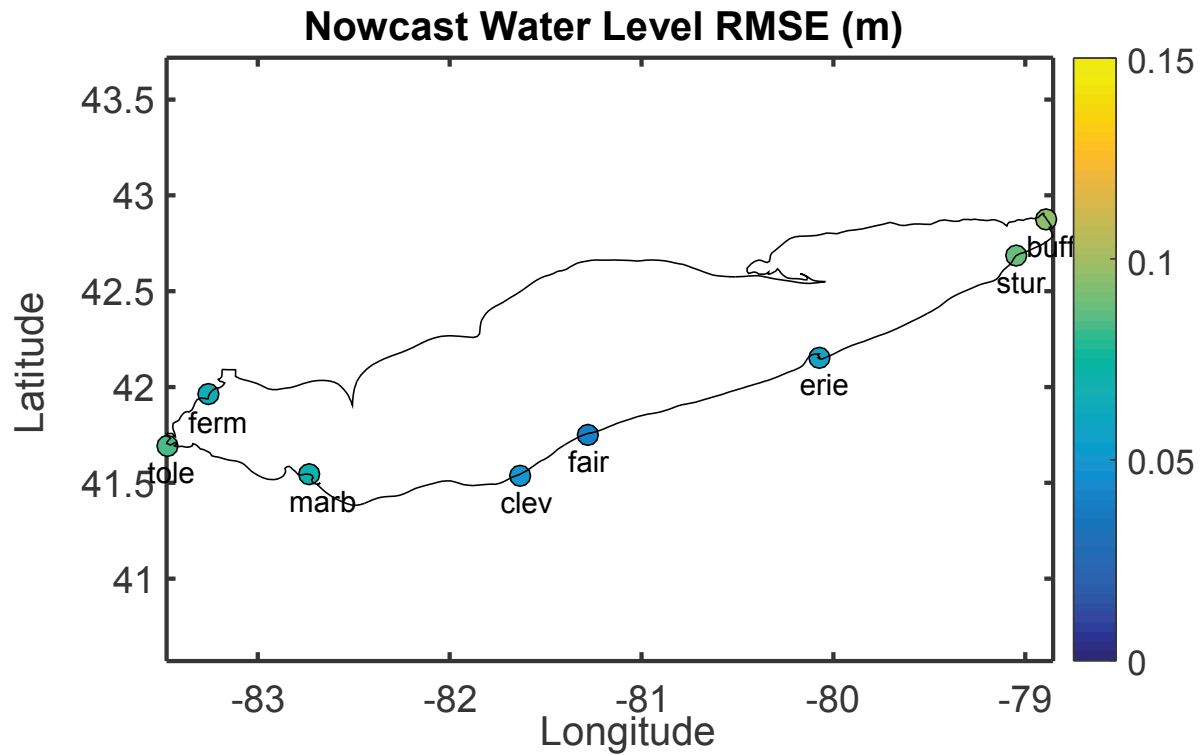


The upgraded Lake Erie Operational Forecast System (LEOFS) uses the Finite Volume Community Ocean Model (FVCOM) as its core circulation model. It became operational on 2016/05/03 on the National Center for Environmental Prediction's (NCEP) Climate Operational Supercomputing System (WCOSS). Six-hour near realtime (nowcast) and 120-hour forecast guidance are provided four times a day for water levels, currents, and water temperature. CO-OPS produces LEOFS uncertainty estimates by running the NOS standardized skill assessment tools (Hess et al., 2003; Zhang et al., 2009; and Zhang et al., 2010) for the LEOFS operational model output. The figures below indicate the Root Mean Square Error (RMSE) of LEOFS water temperature and water levels nowcasts and forecasts during the operational implementation (2015/04-2016/02). Currents evaluation is not available due to lack of observations.





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