

Fish Hatchery Infrastructure Vulnerability Assessments

LSRCP Meeting, April 2026

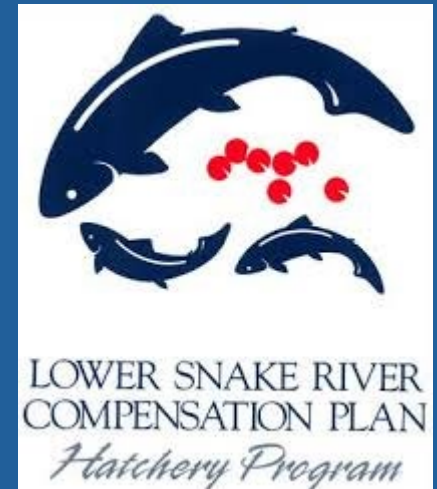
Eli Felts

John Erhardt

Rod Engle

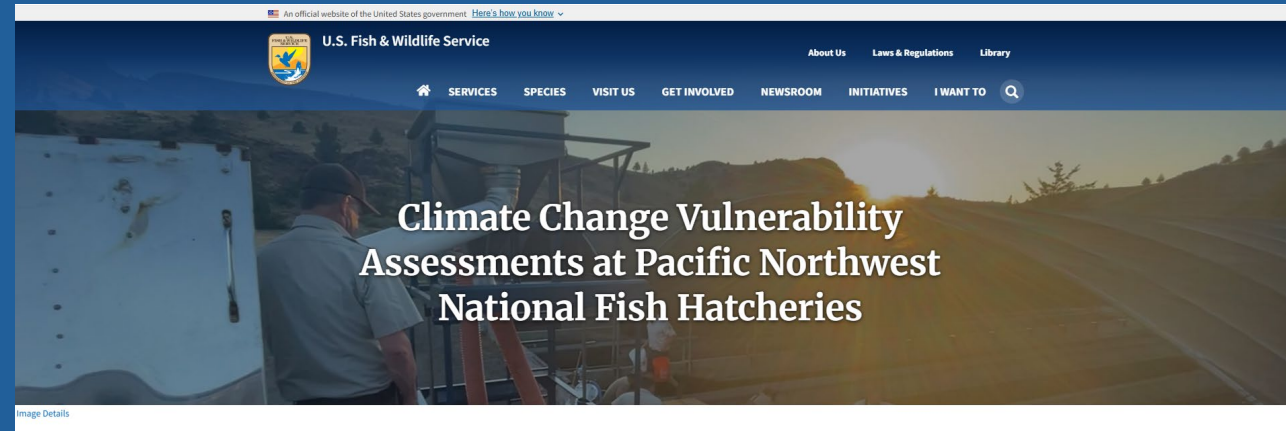
Greg Burak

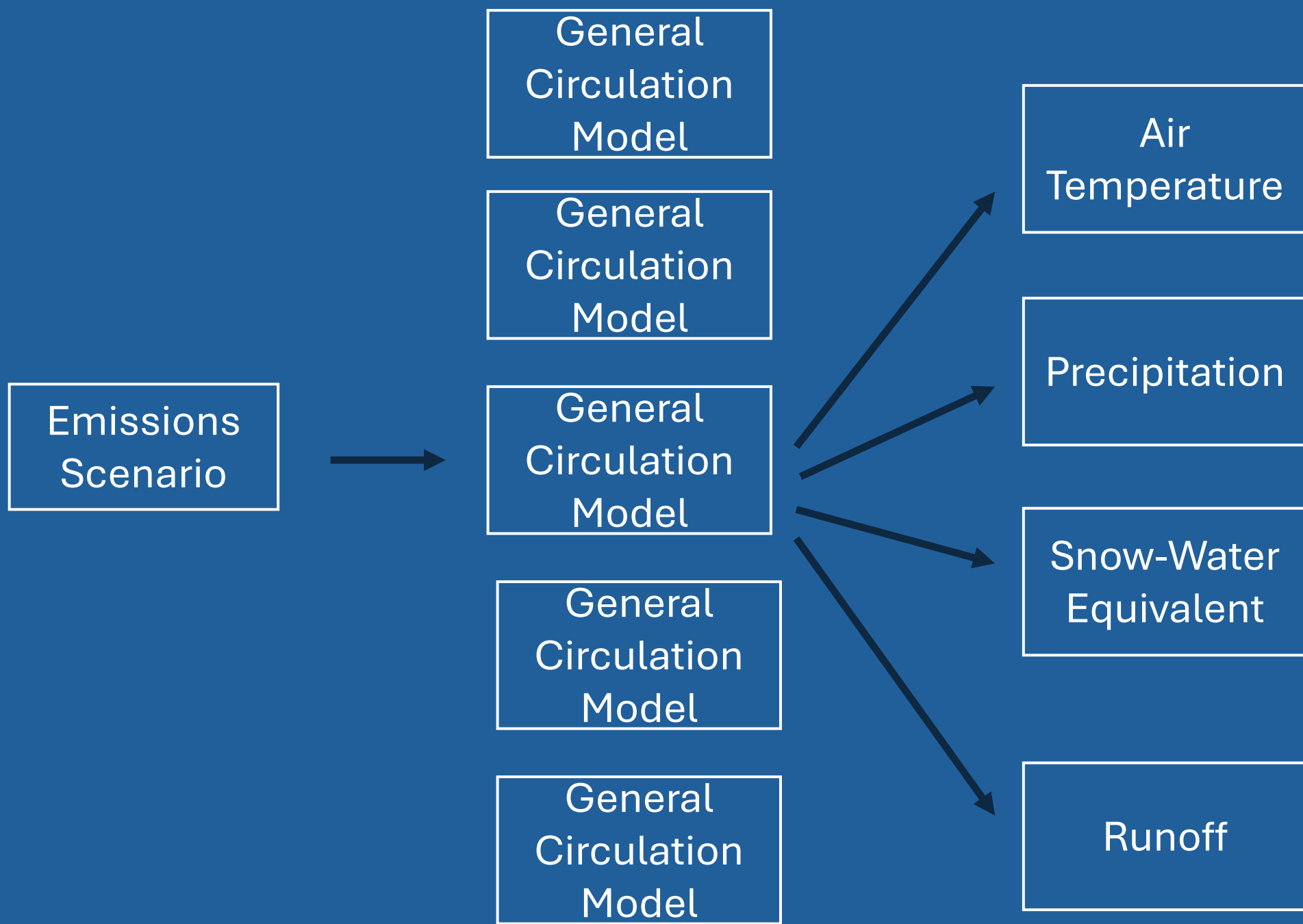
Allison Deary



Background

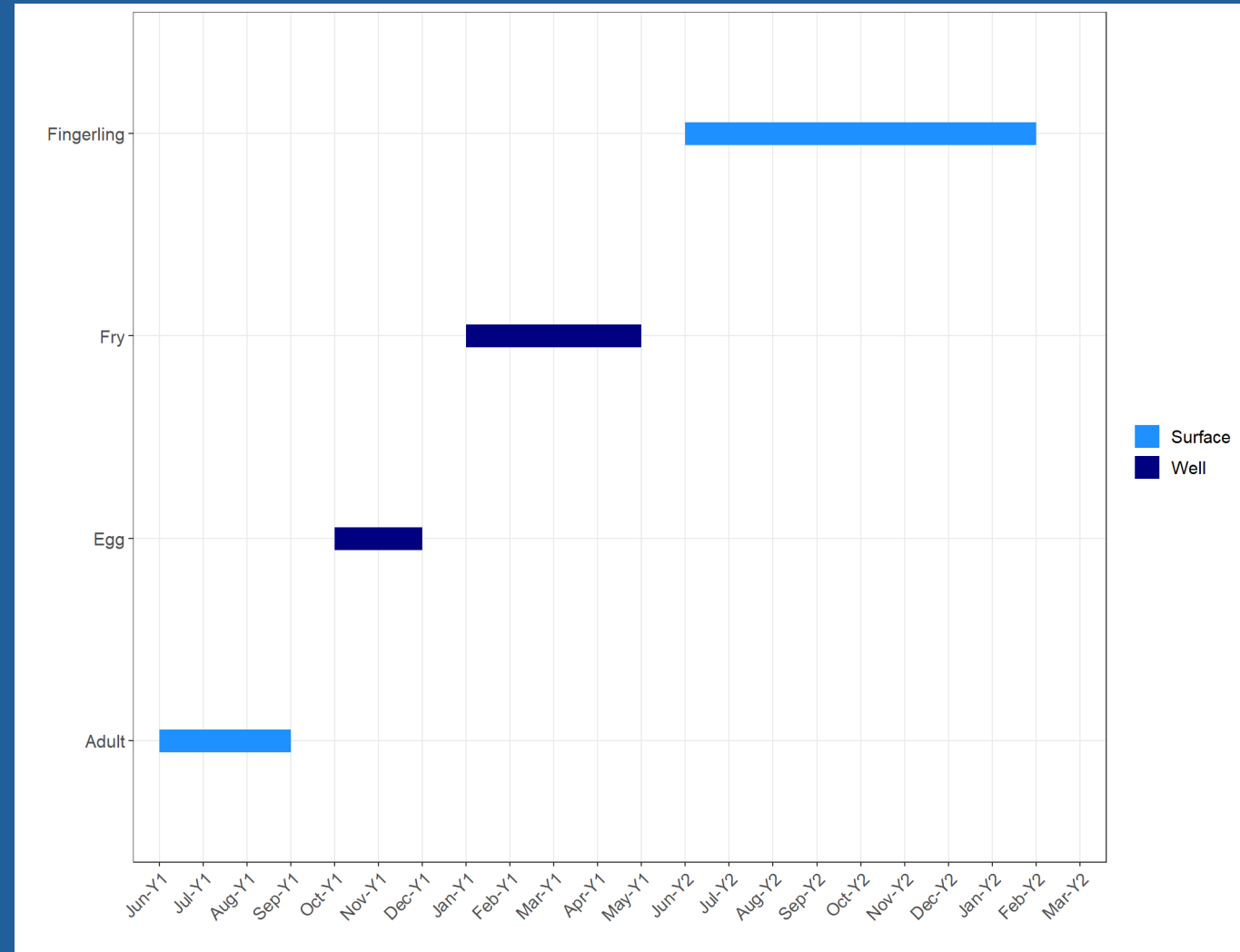
- Previous Completed Assessments
 - Winthrop
 - Quilcene
 - Warm Springs
 - Entiat
 - Leavenworth
- Now applying a similar approach to LSRCF facilities

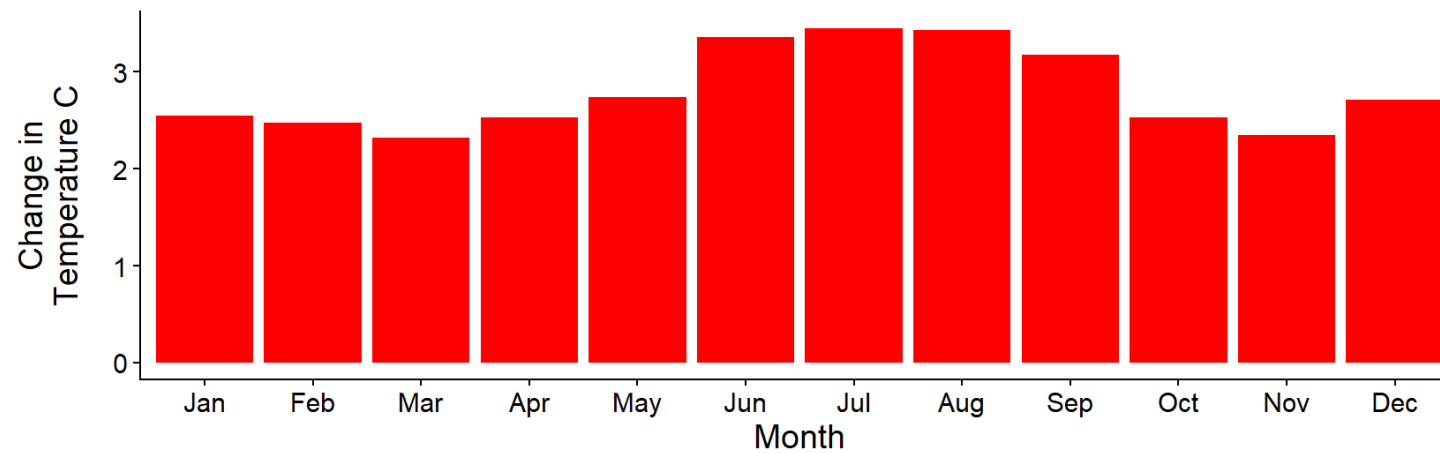
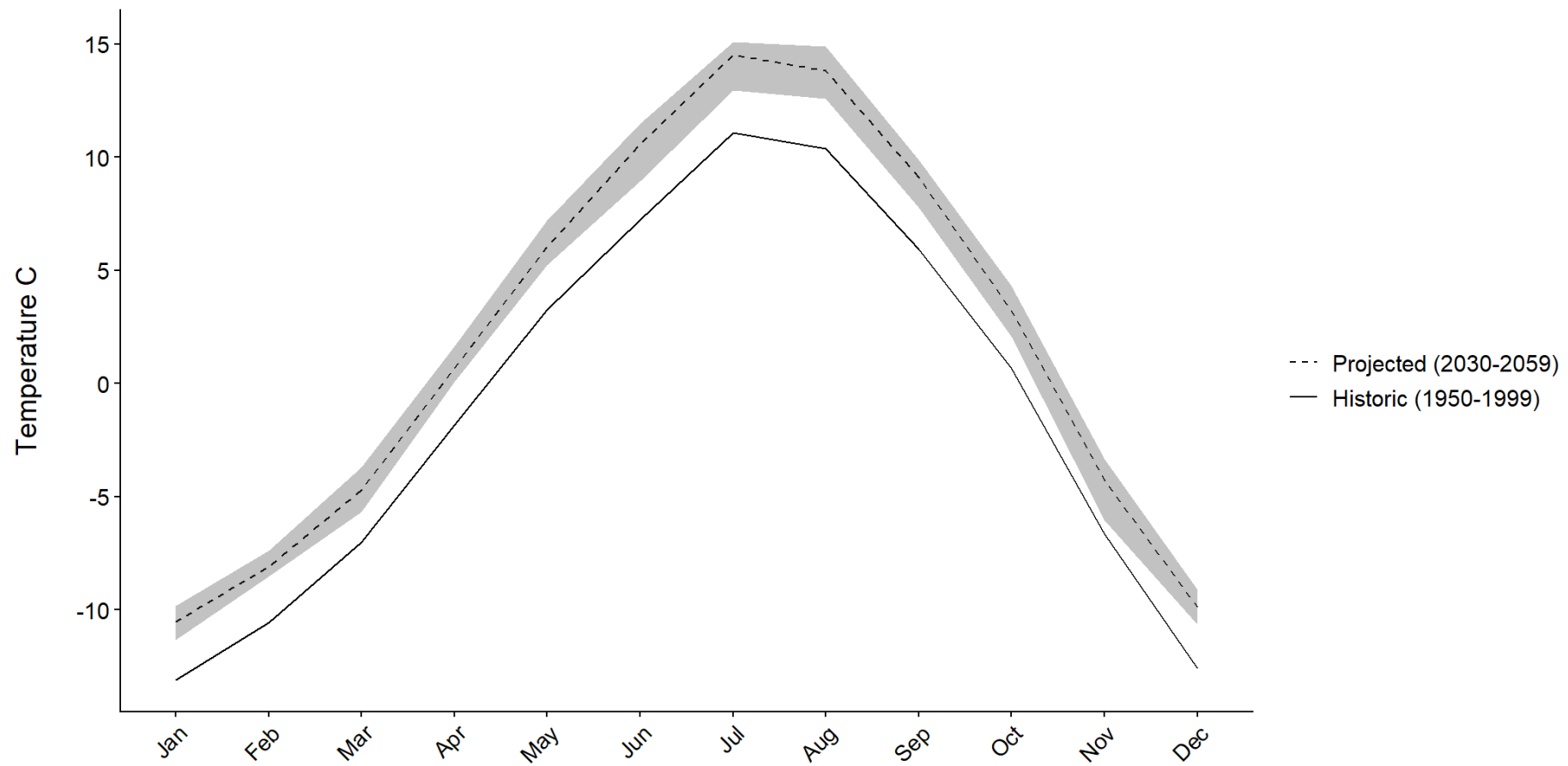


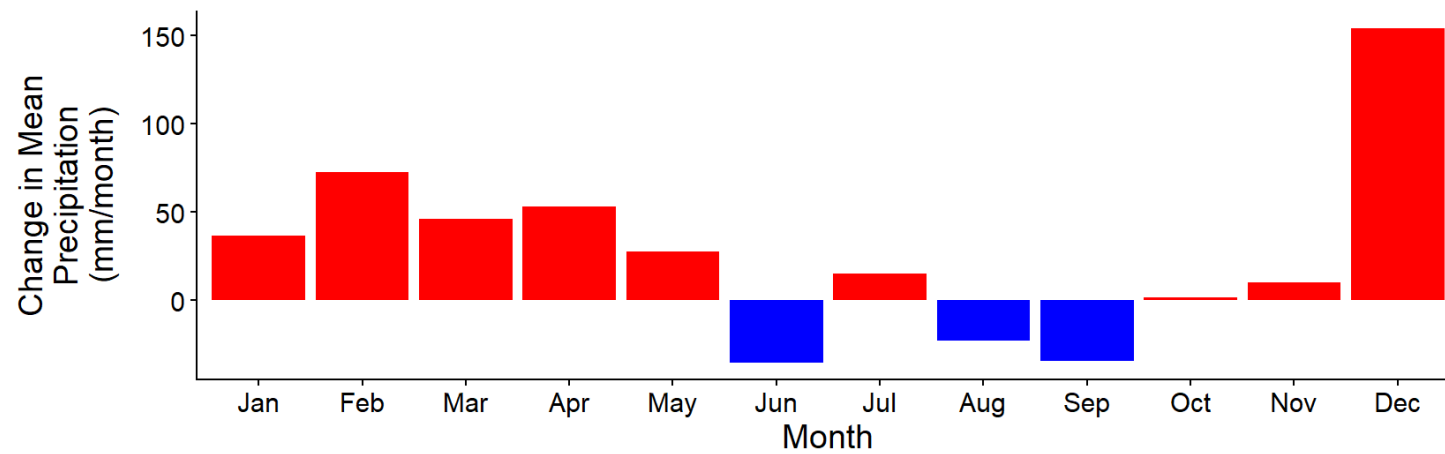
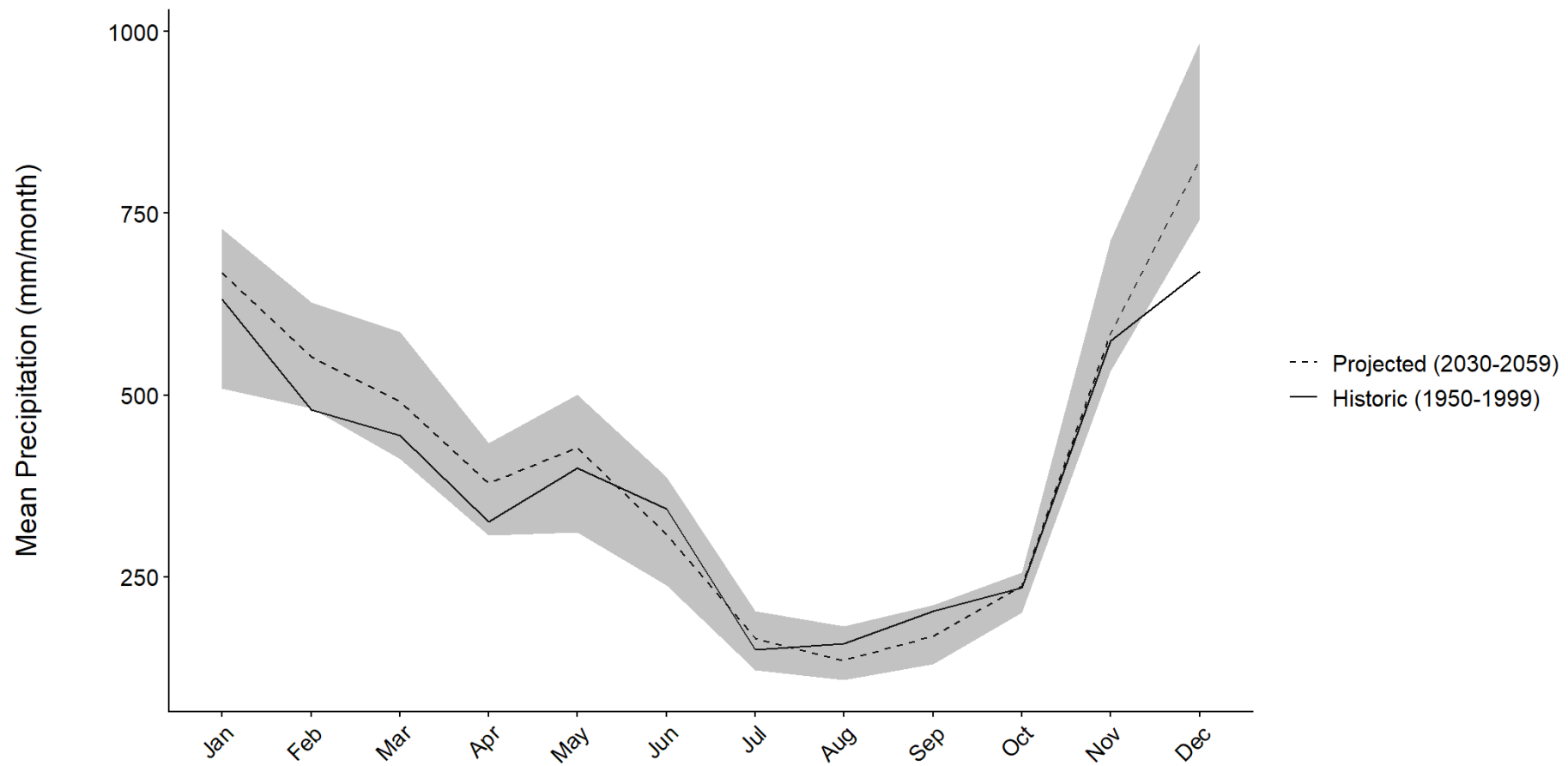


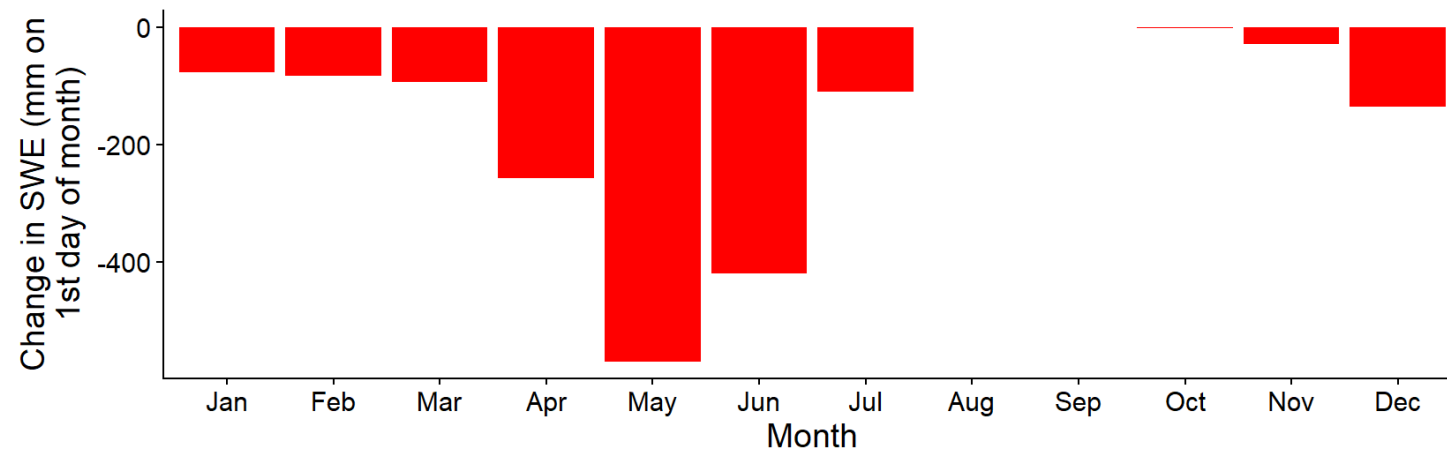
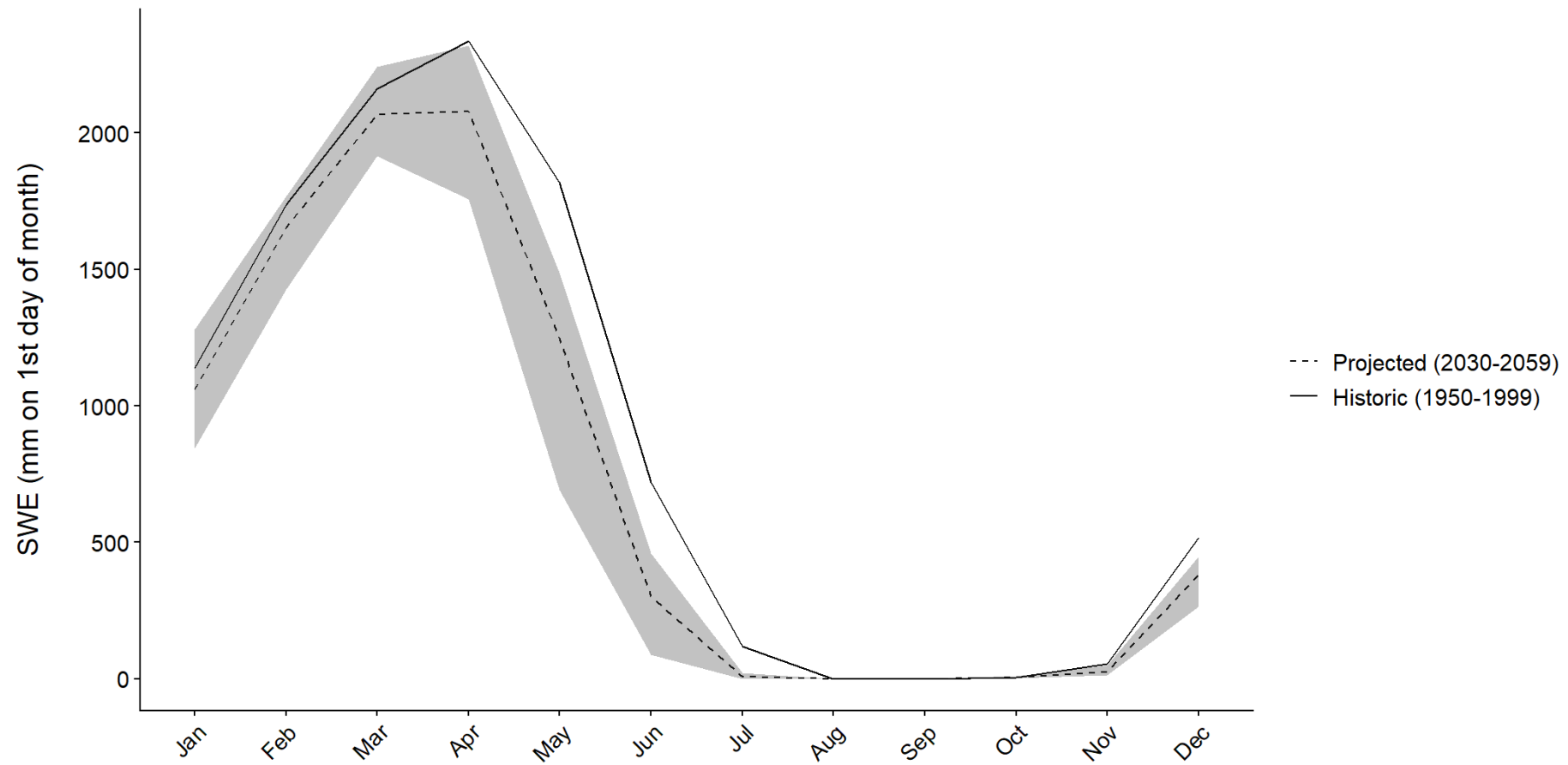
Example – Sawtooth Fish Hatchery

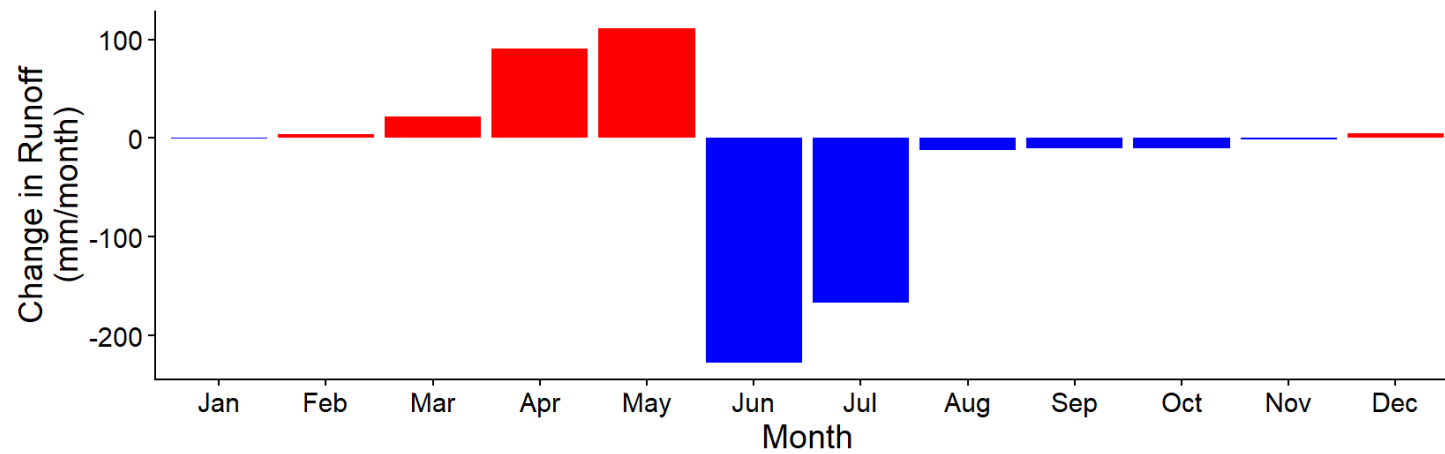
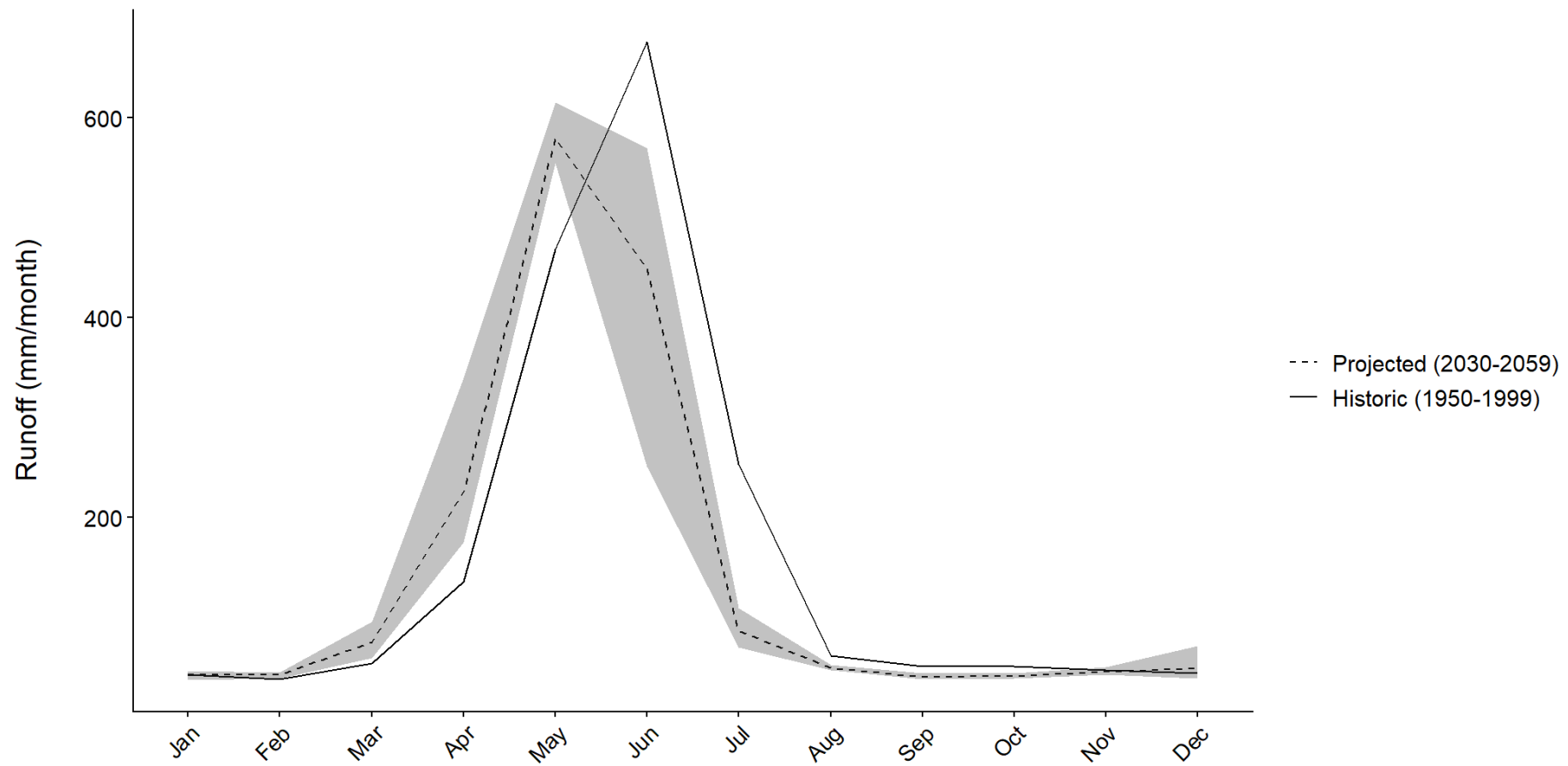
- Spring Chinook focus
 - Reared through entire lifecycle
 - Surface water fingerling - release



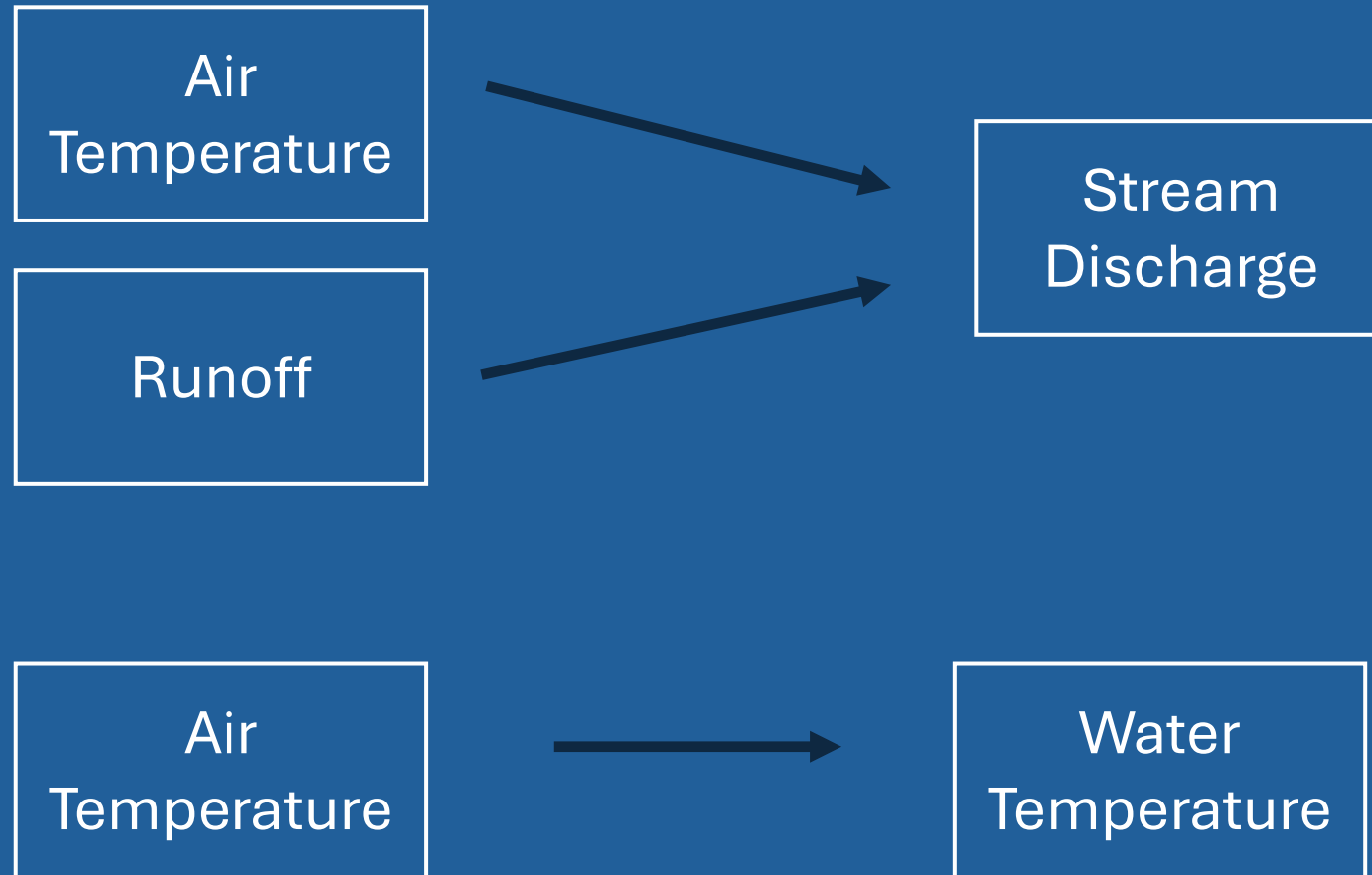


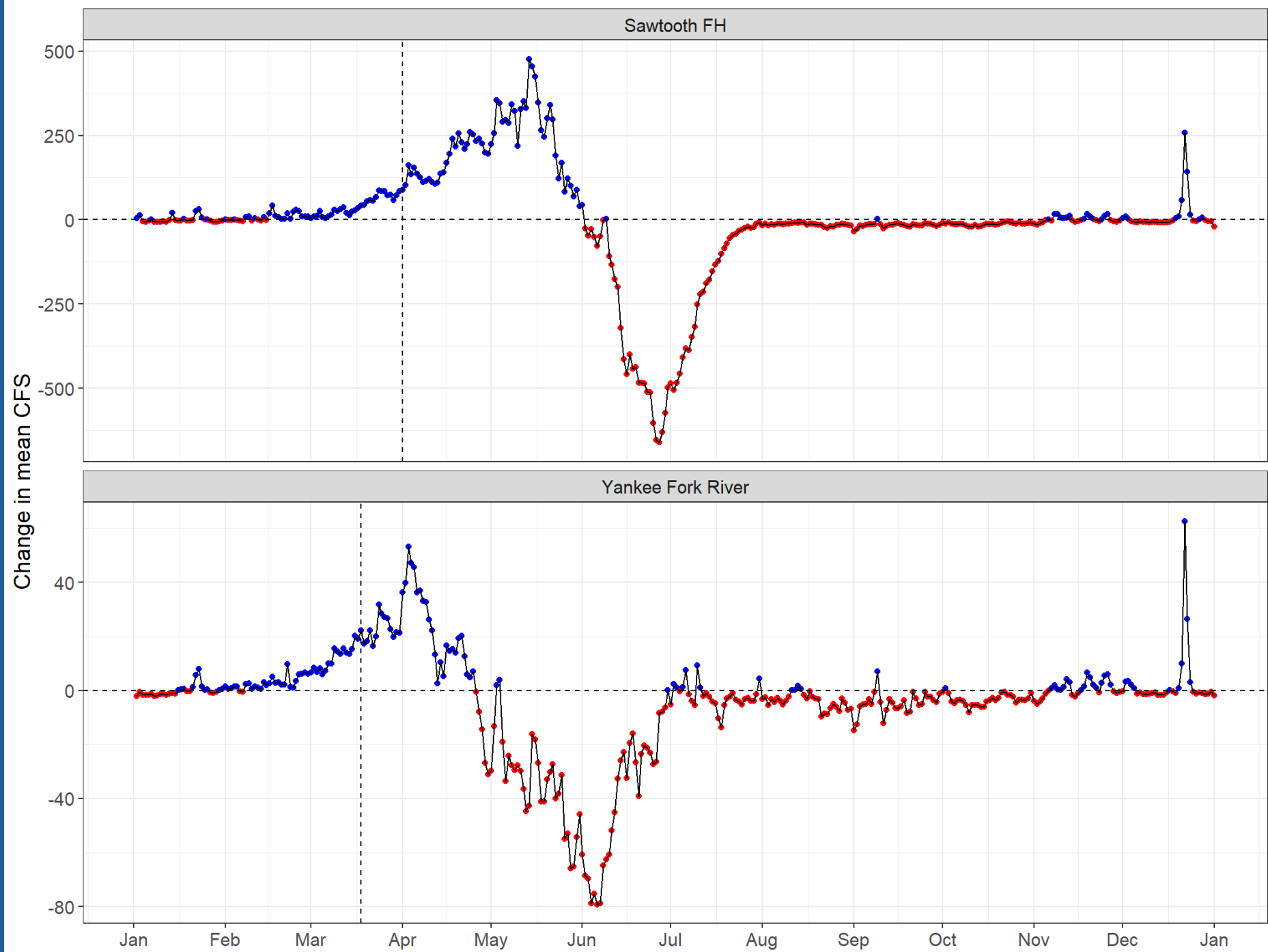


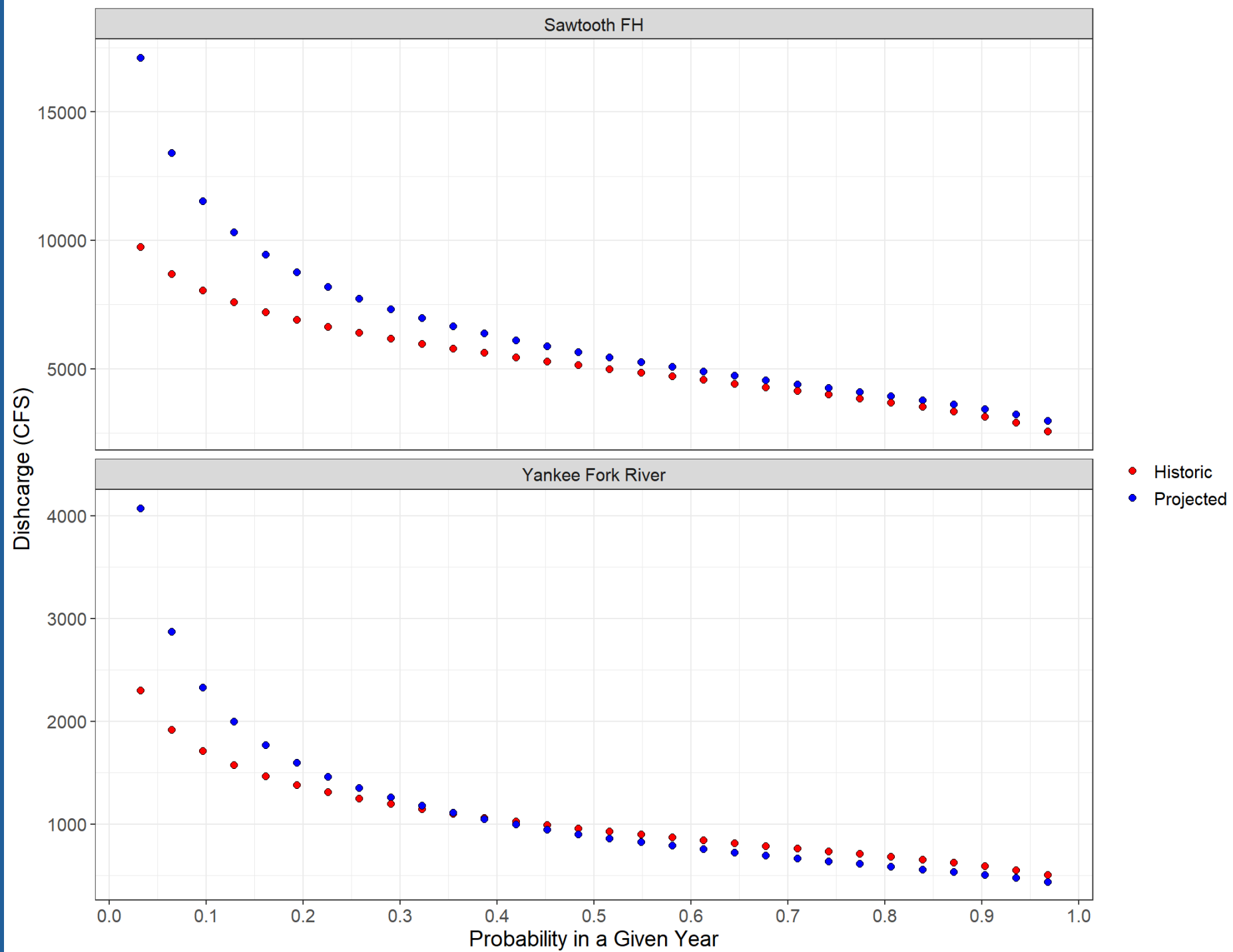


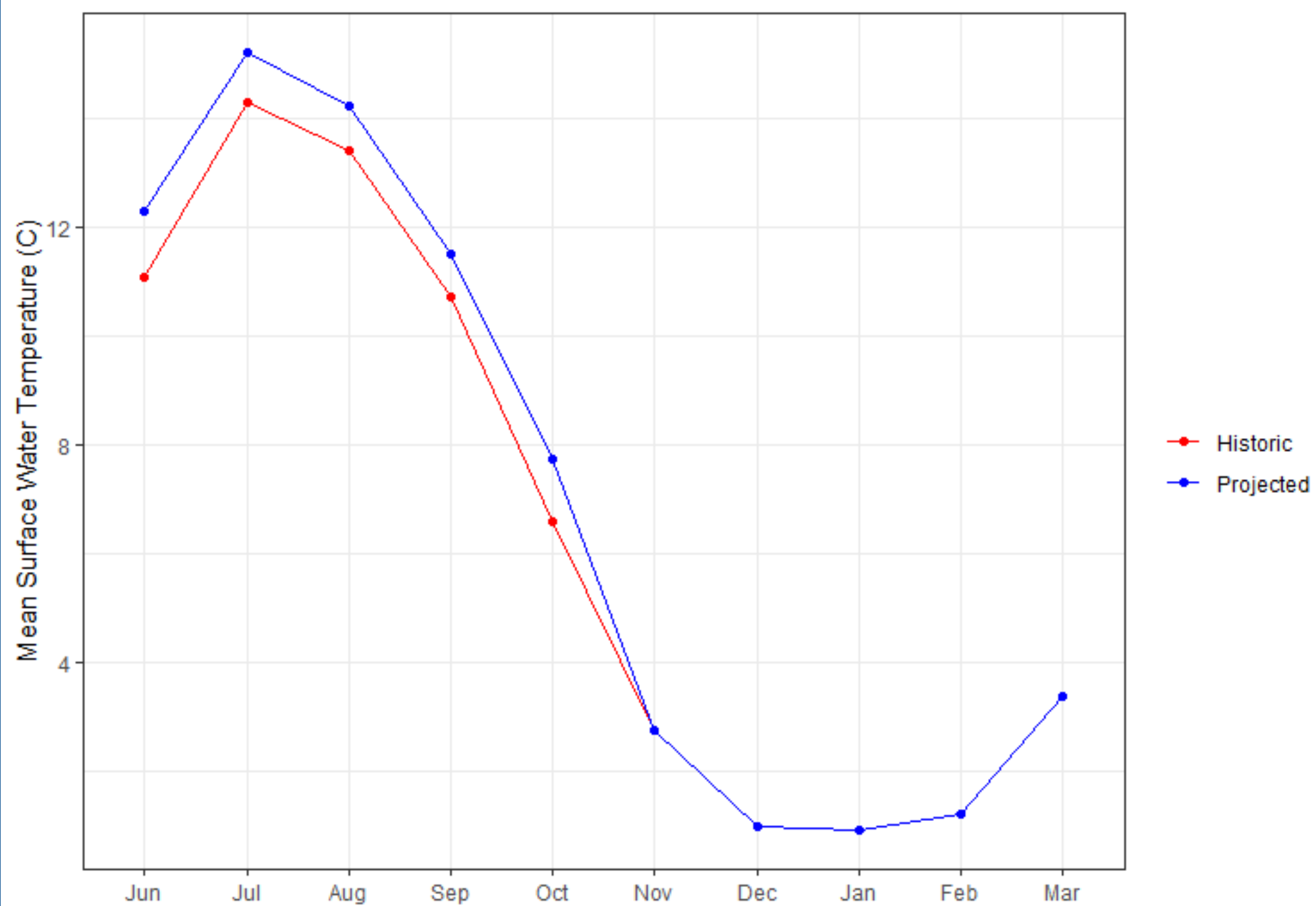


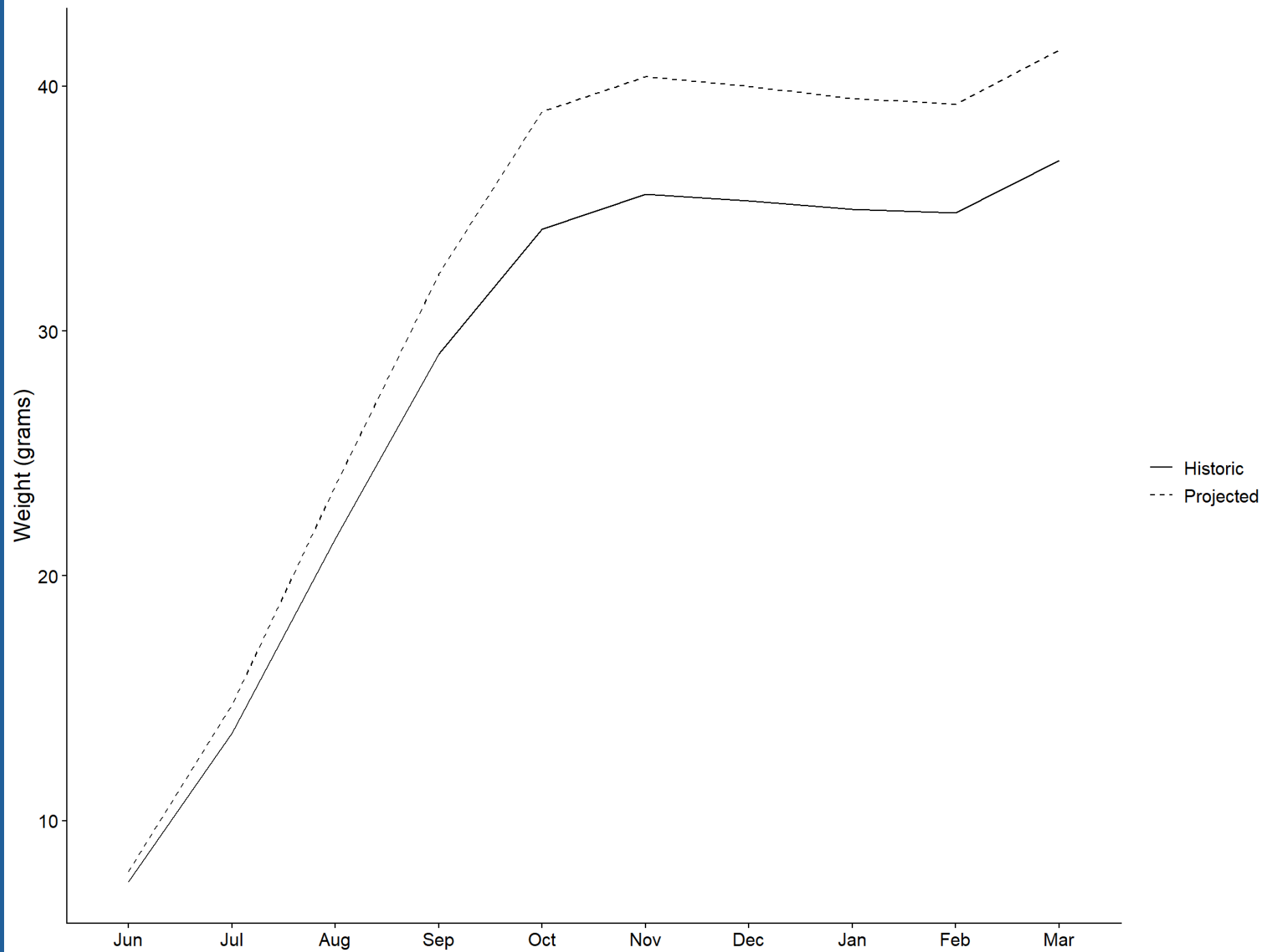
Extending GCM Predictions











Next Steps

- Current working team Eli Felts & John Erhardt (Idaho FWCO), Alison Deary (Abernathy), Rod Engle & Greg Burak (LSRCP), Shane Vatland (Nez Perce)
- Discussions with hatchery staff
 - Each facility has unique infrastructure and operations
- Engage with fish health staff
- Develop reporting format with Sawtooth
- Progress through other facilities
 - Dworshak and McCall data has been gathered previously
 - Will need to collect rearing, temperature and water use data from others