Year	Variable	Input	Parameter	Sensitivity	Used for Uncertainty
2025	CO_2	427 ppm	Stomatal resistance	very low	no
	Potential Evapotranspiration	Hamon Method	PET with high temperature response	high	yes
		Hargreaves Method	PET with moderate temperature response	high	yes
	Temperature	RCP 2.6	Monthly median of 32 member ensemble of climate change models	low in tidal water; moderate as influence on PET	yes
		RCP 4.5	Monthly median of 32 member ensemble of climate change models	low in tidal water; moderate as influence on PET	yes
		RCP 8.5	Monthly median of 32 member ensemble of climate change models	low in tidal water; moderate as influence on PET	yes
	Precipitation	Historical	With Observed Intensity	moderate	yes
		Historical	Without Intensity	moderate	yes
	Sea Level Rise	0.2 m	Bay Hydro Model	low	no
		0.3 m	Bay Hydro Model	low	no
		0.4 m	Bay Hydro Model	low	no

Key:
Recommended approach
Useful to examine range of uncertainty
Full uncertainty approach

Year	Variable	Input	Parameter	Sensitivity	Used for Uncertainty
2050	CO_2	487 ppm	Stomatal resistance	very low	no
	Potential Evapotranspiration	Hamon Method	PET with high temperature response	high	yes
		Hargreaves Method	PET with moderate temperature response	high	yes
	Temperature	RCP 2.6	Monthly median of 32 member ensemble of climate change models	low in tidal water; moderate as influence on PET	yes
		RCP 4.5	Monthly median of 32 member ensemble of climate change models	low in tidal water; moderate as influence on PET	yes
		RCP 8.5	Monthly median of 32 member ensemble of climate change models	low in tidal water; moderate as influence on PET	yes
	Precipitation	RCP 2.6*	10 percentile of precip w/ observed intensity	moderate	yes
			10 percentile of precip w/o observed intensity	moderate	yes
			median precip w/ observed intensity	moderate	yes
			median precip w/ observed intensity	moderate	yes
			90 percentile of precip w/ observed intensity	moderate	yes
			90 percentile of precip w/o observed intensity	moderate	yes
		RCP 4.5*	With Observed Intensity	moderate	yes
			Without Intensity	moderate	yes
		RCP 8.5*	With Observed Intensity	moderate	yes (w/90 percentile)
			Without Intensity	moderate	yes
	Sea Level Rise	0.3 m	Bay Hydro Model	low	no
		0.5 m	Bay Hydro Model	low	no
		0.8 m	Bay Hydro Model	low	no

Key: Recommended approach   Useful to examine range of uncertainty   Full uncertainty approach

* Each 2.6, 4.5, and 8.5 RCP scenario for 2050 is generated from a 32 member ensemble of climate change models with assessments of the 10 percentile precipitation, median precipitation, and 90 percentile precipitation.