

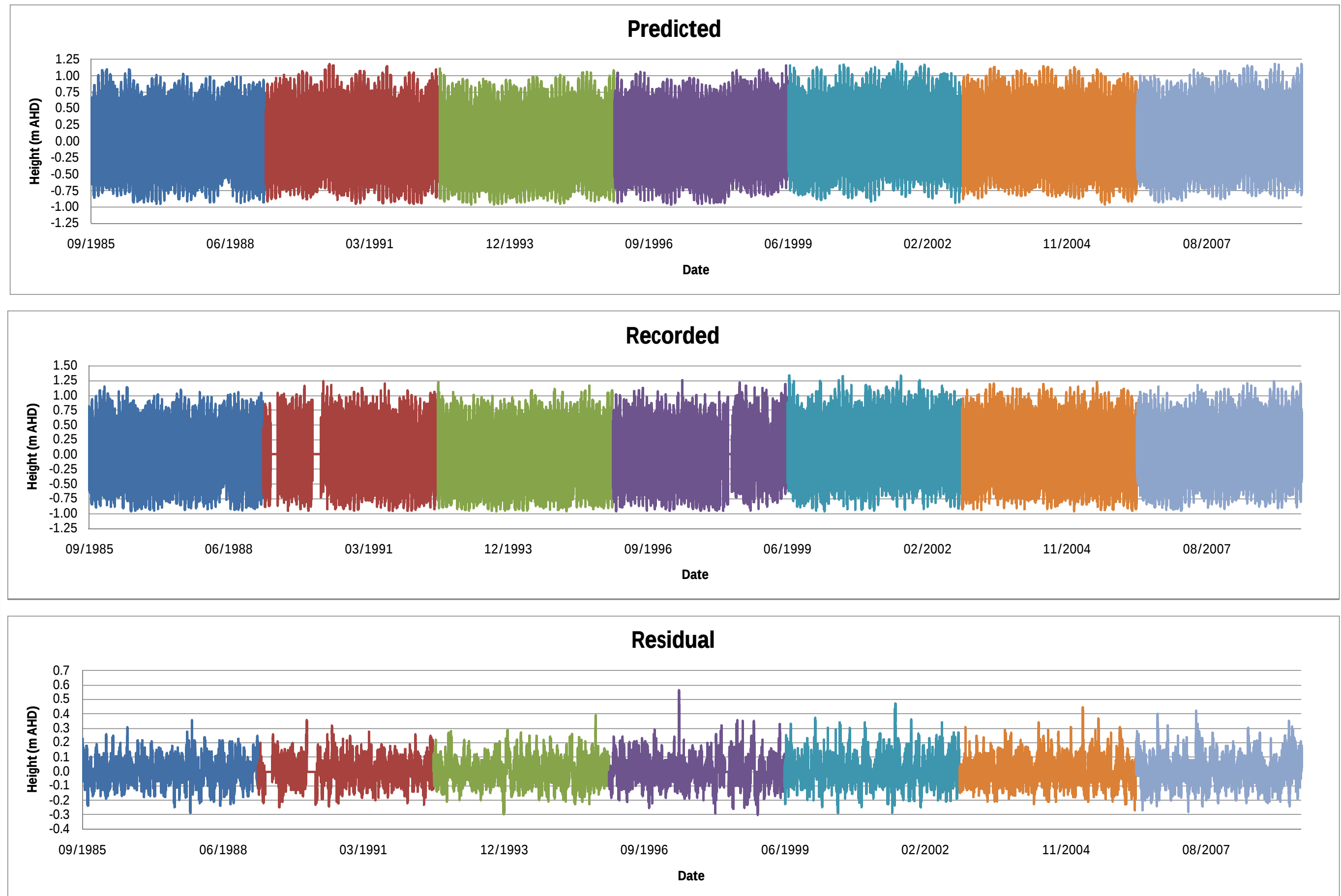
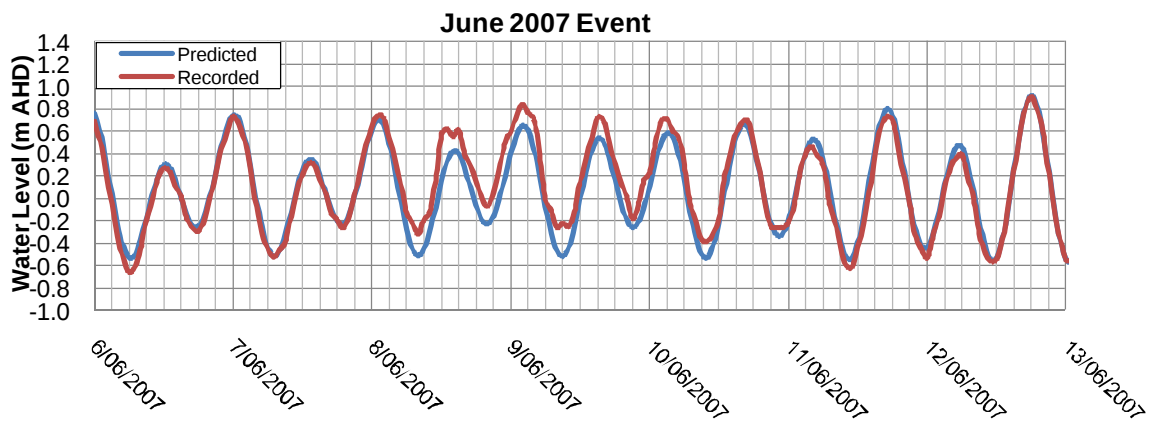
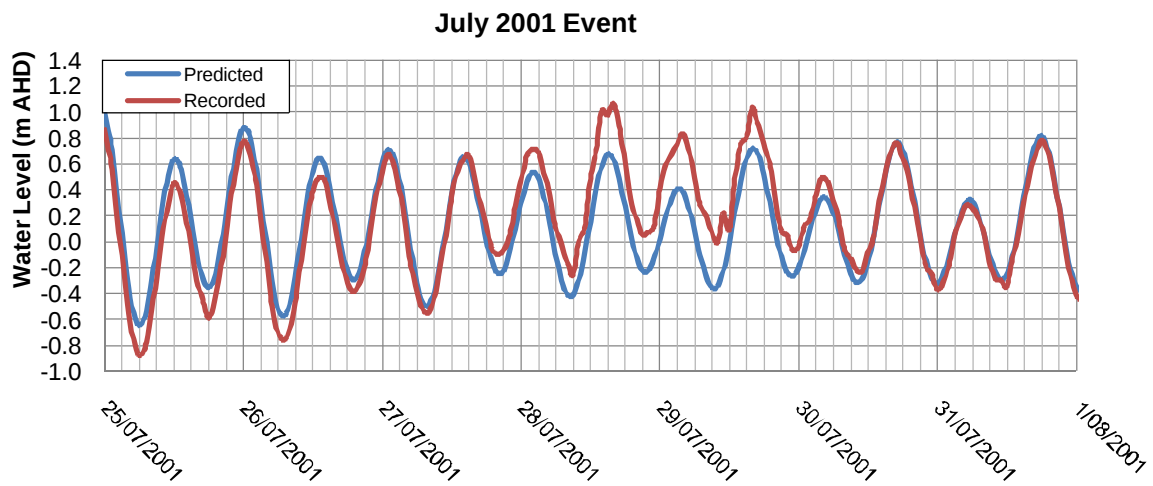
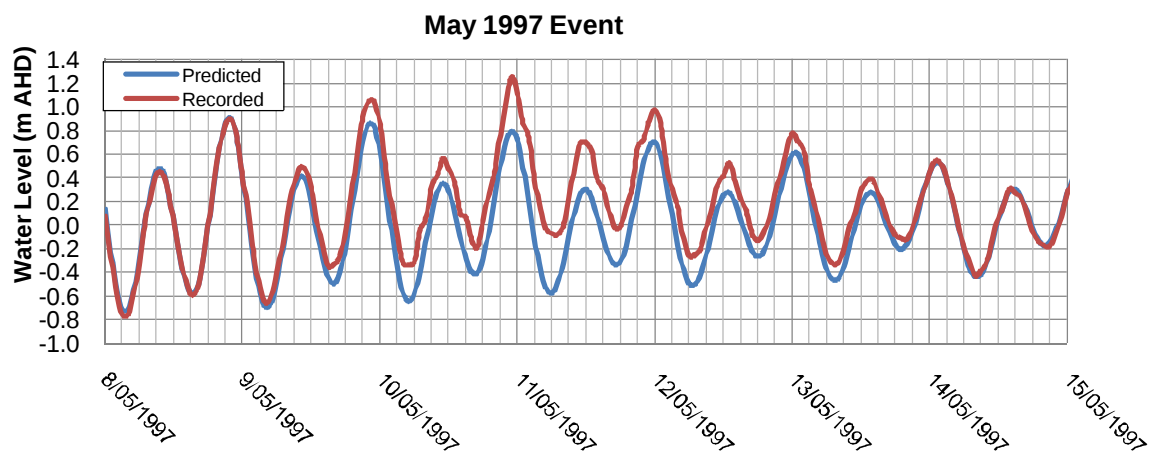
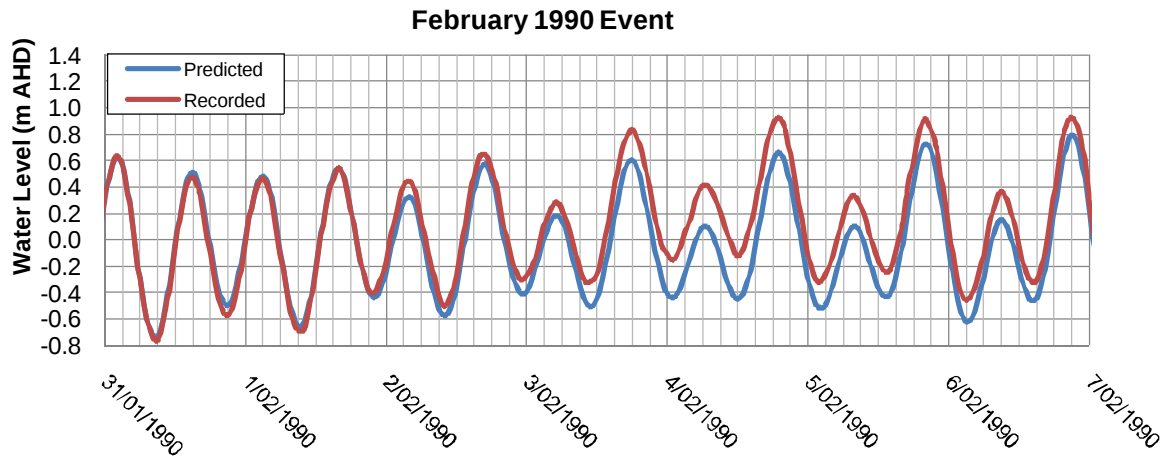
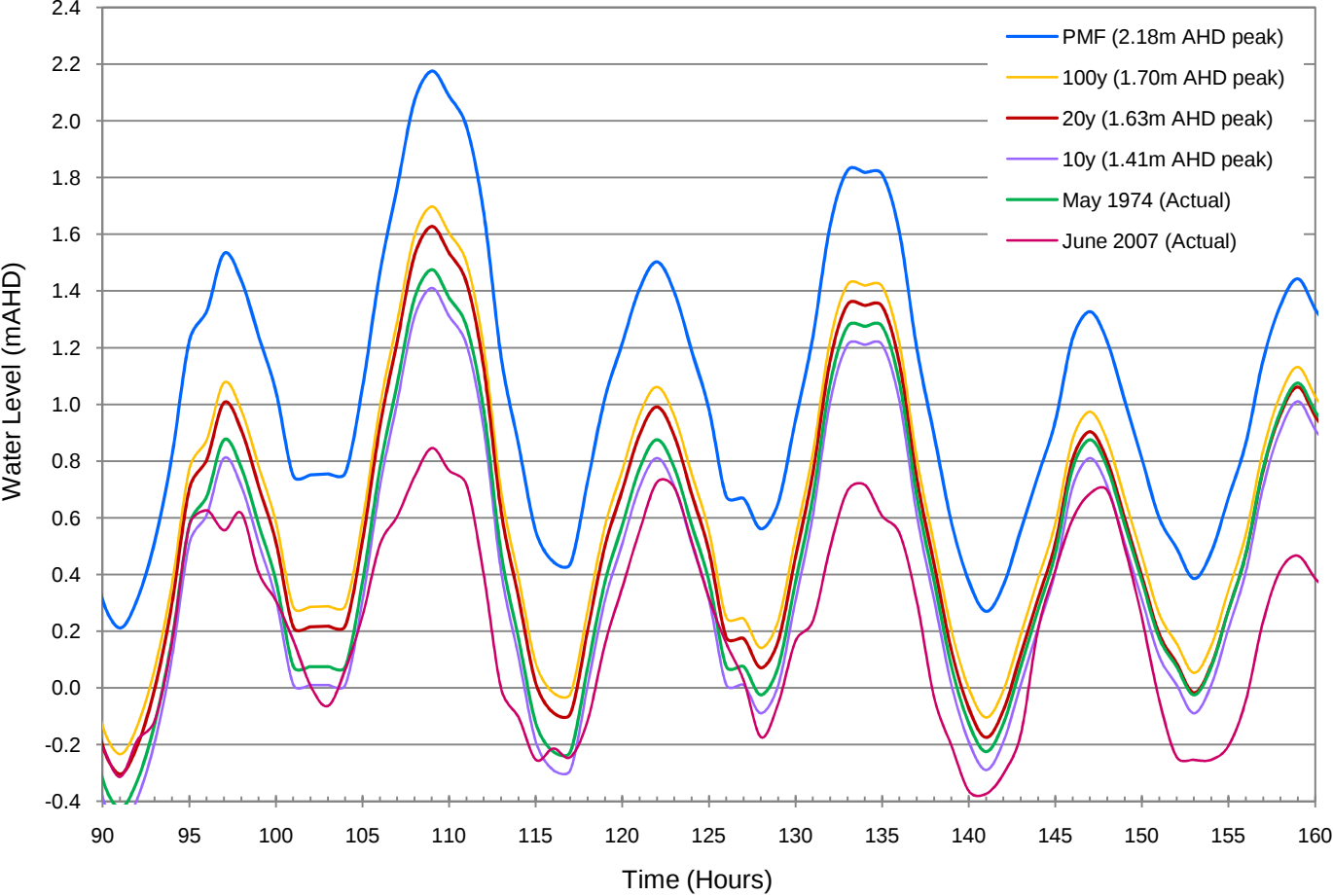


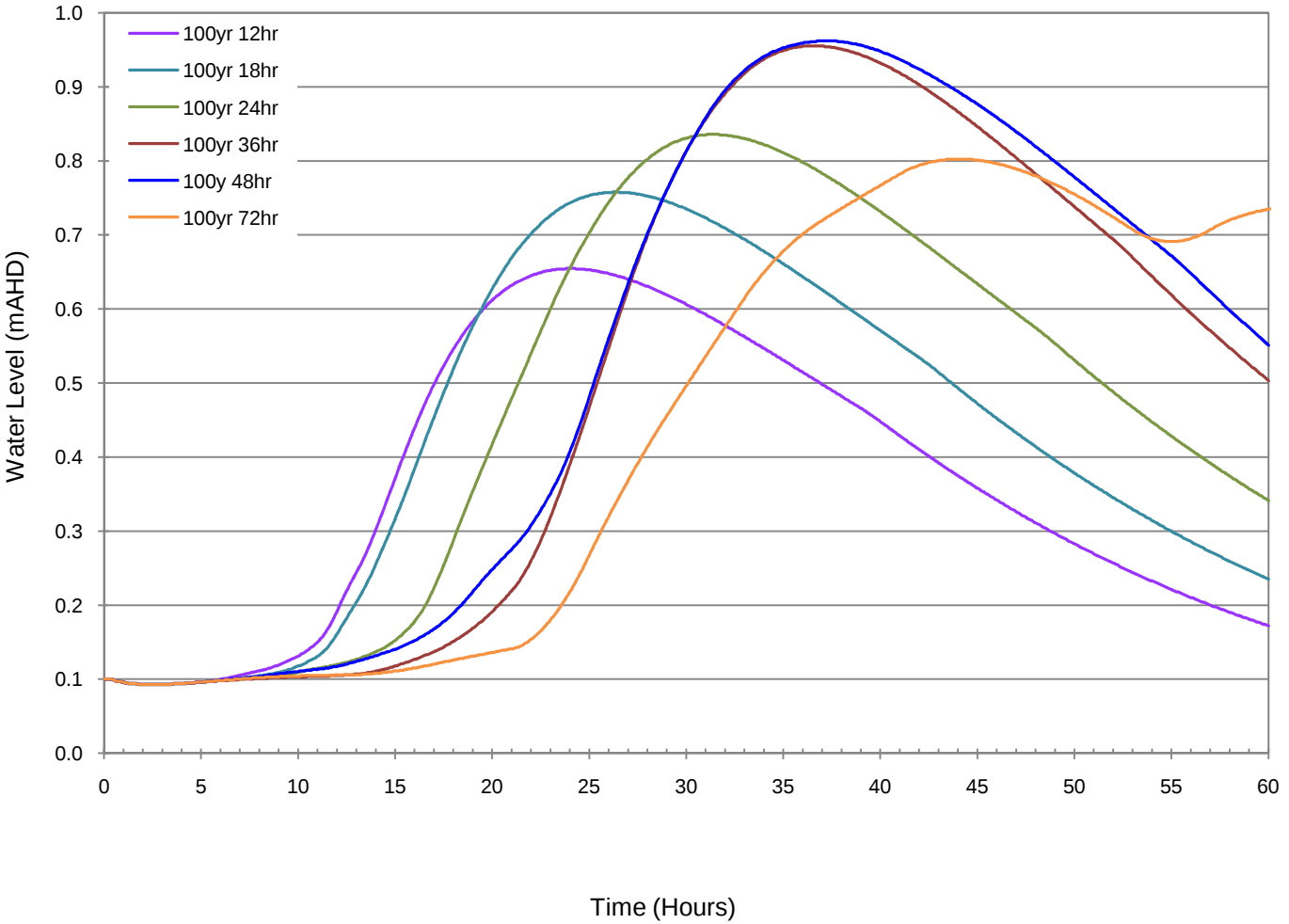
FIGURE 13B
PORT STEPHENS
TIDAL ANOMALIES



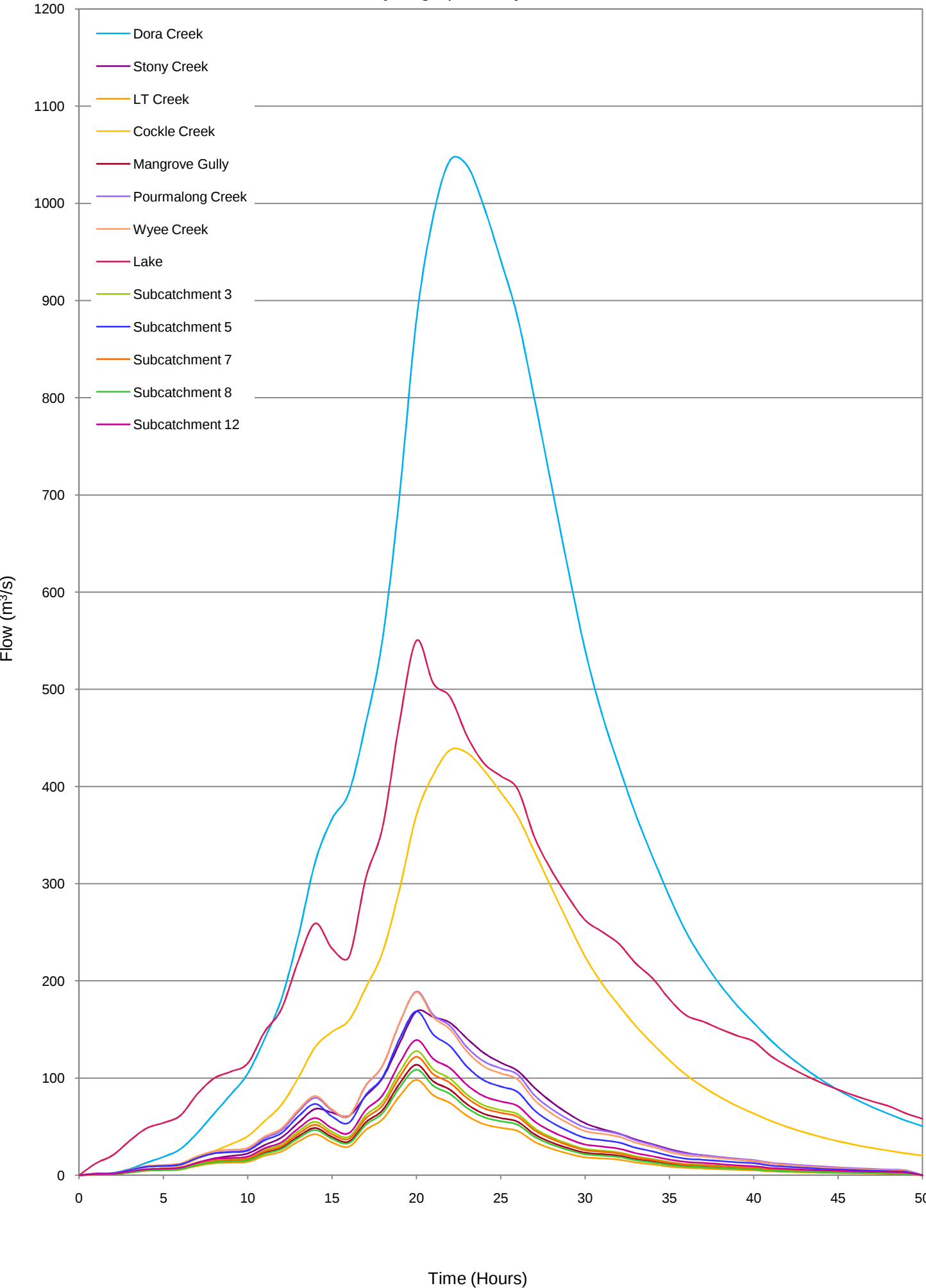
A: Design Ocean and HistoricalTides



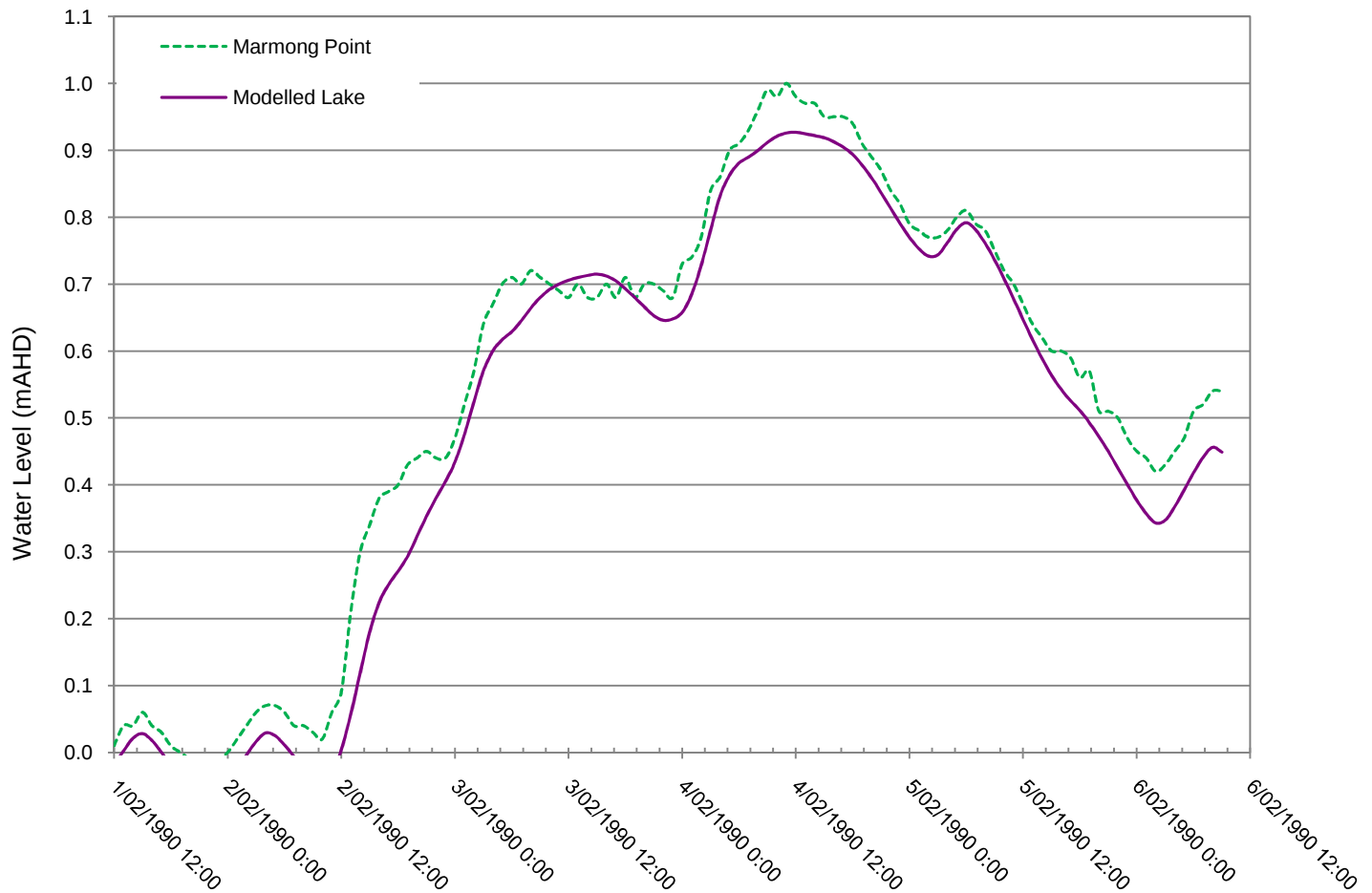
B: Critical Duration 0.1m Static Ocean Level - 100y ARI event



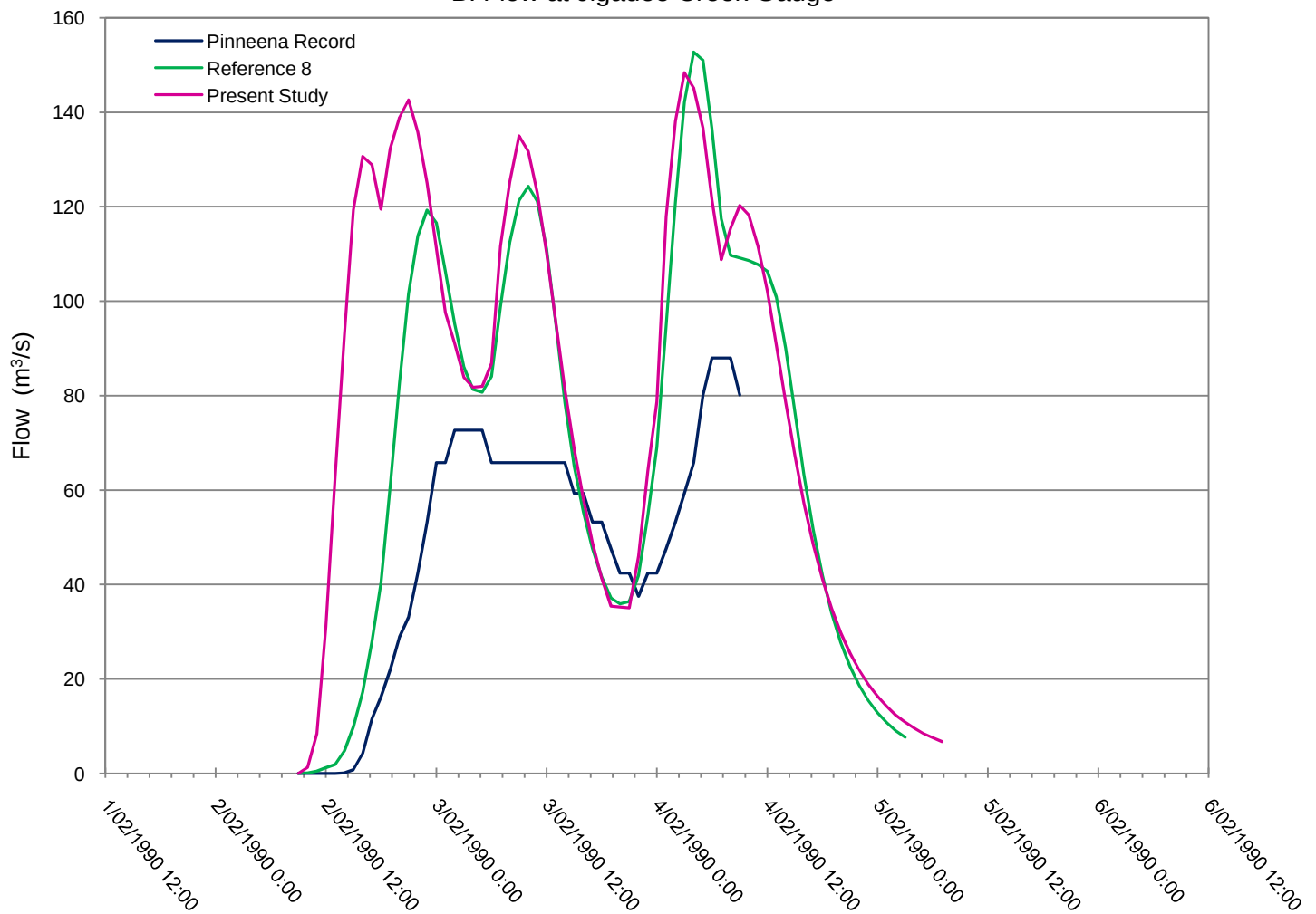
C: Inflow Hydrographs 100y ARI 48 hour duration



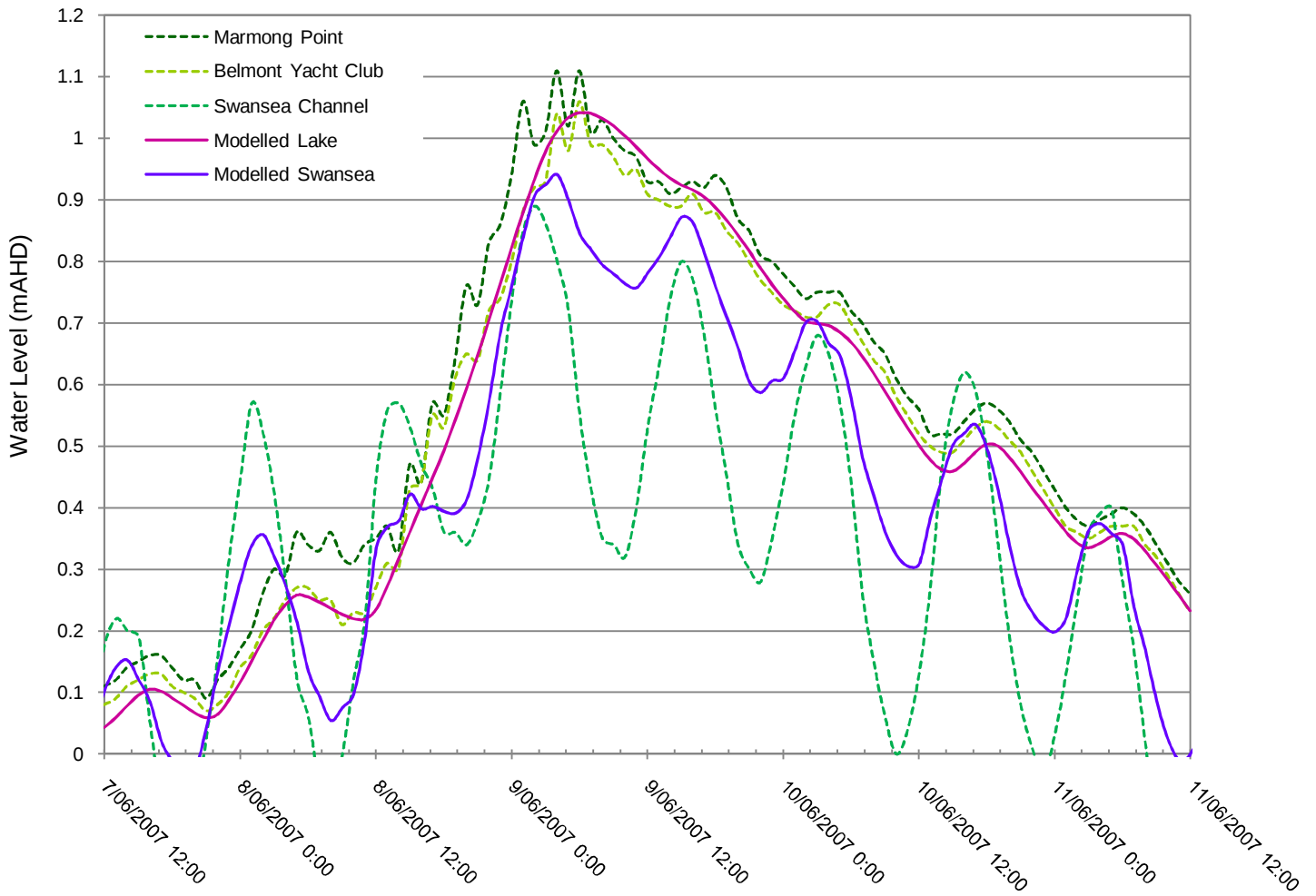
A: Water Levels



B: Flow at Jigadee Creek Gauge



A: Water Levels



B: Flow at Jigadee Creek Gauge

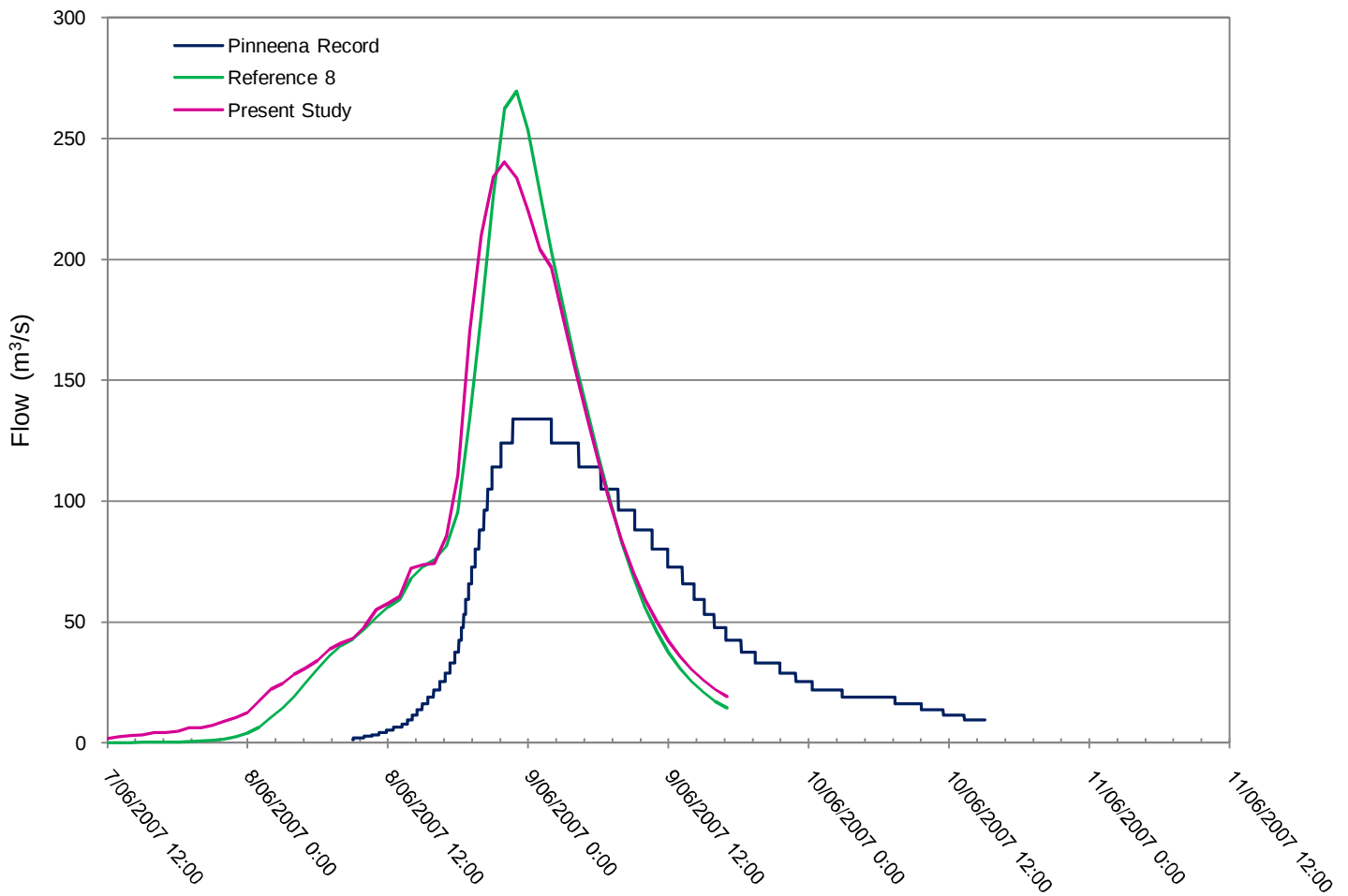
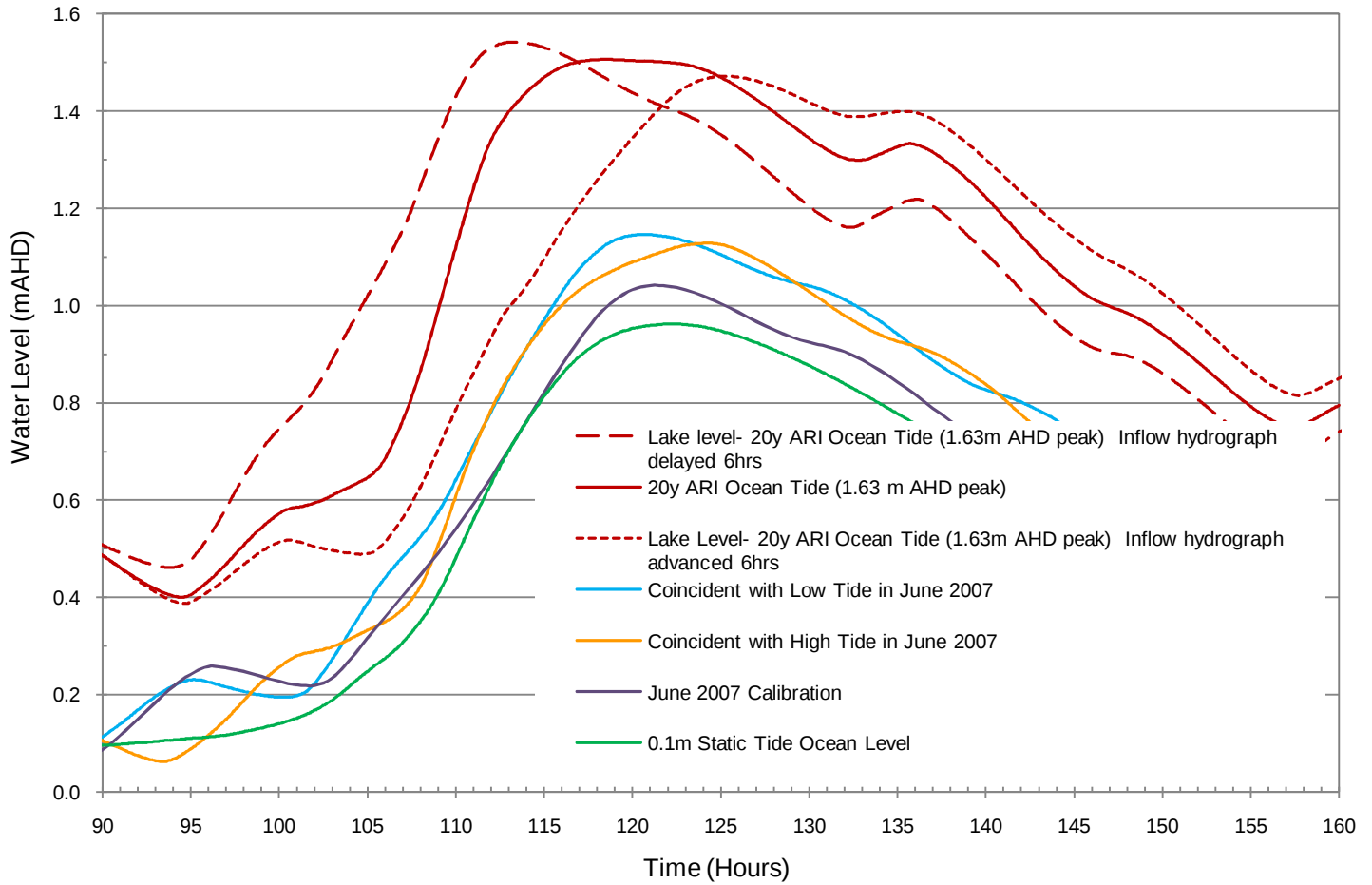
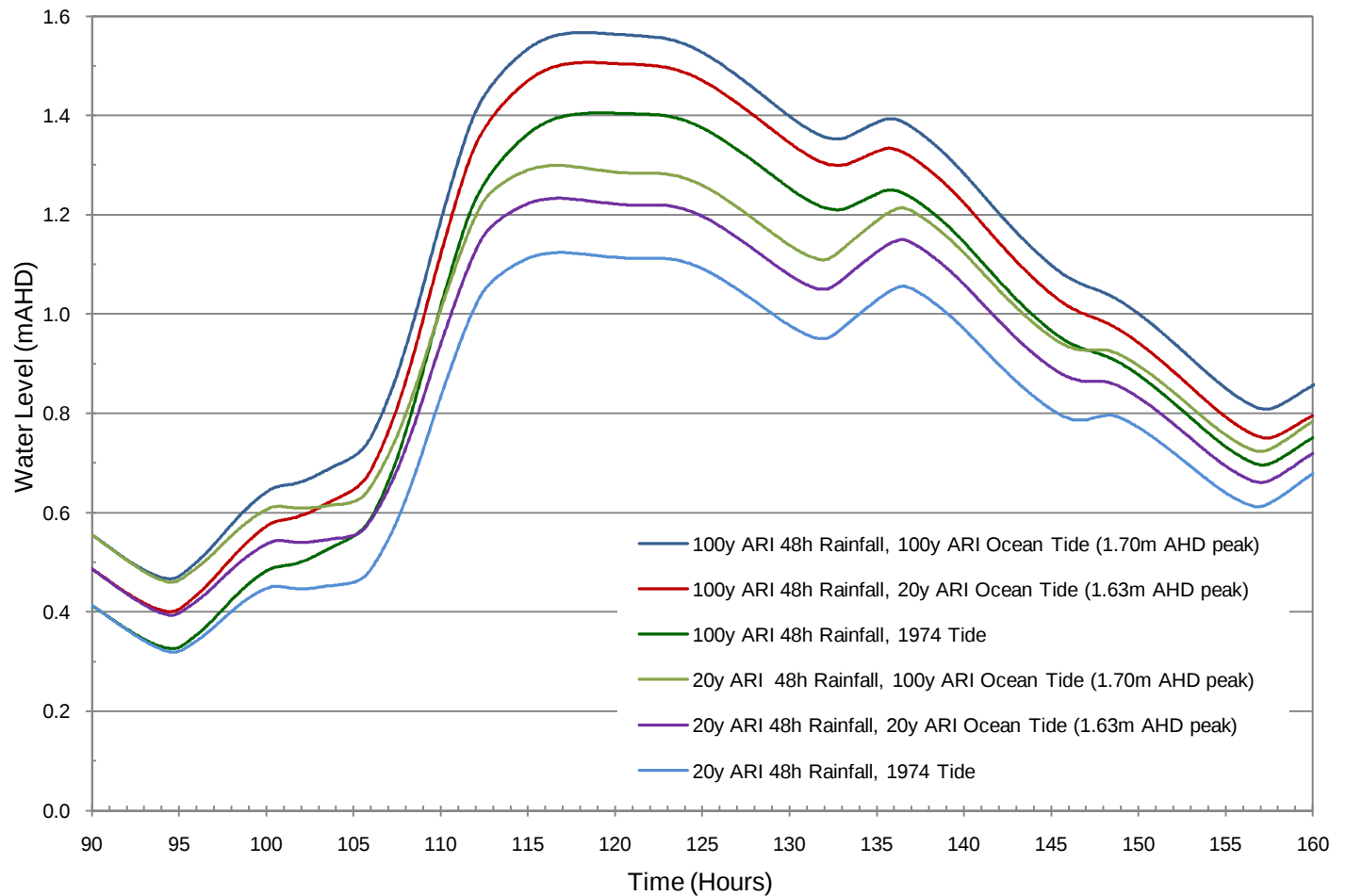


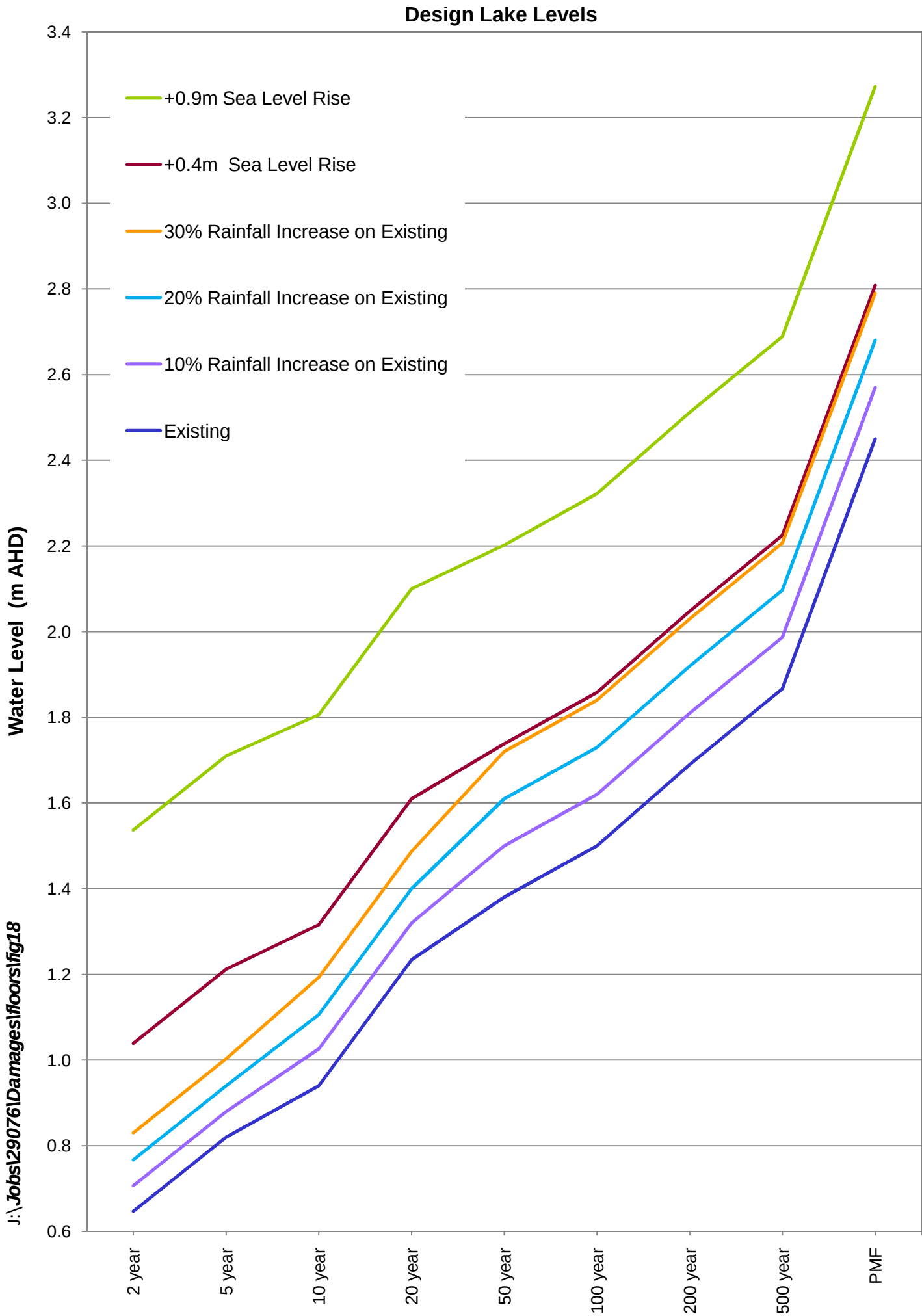
FIGURE 17
SENSITIVITY ANALYSIS TIDES

A: Sensitivity Analysis, varying Ocean Levels, 100y ARI 48h event

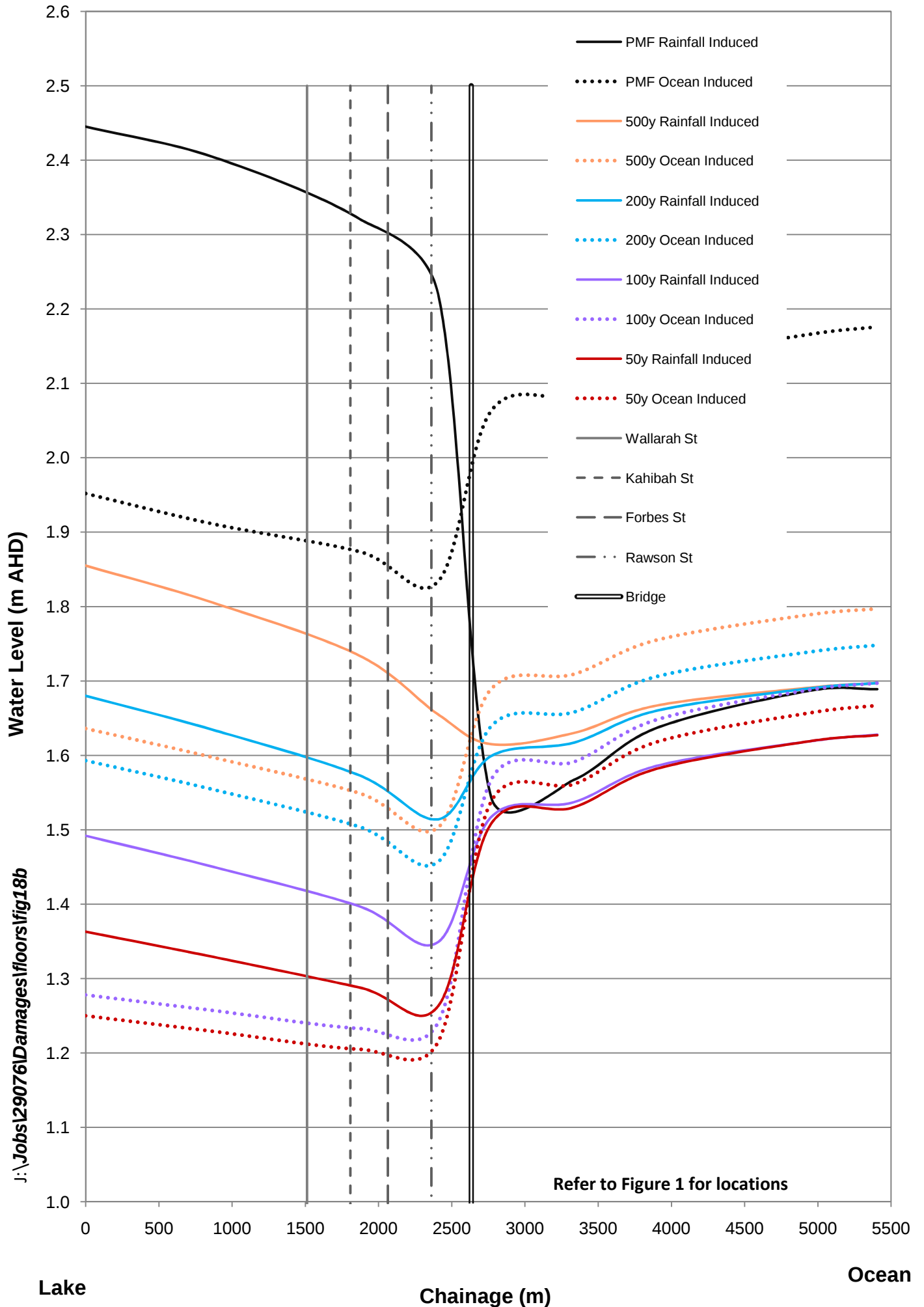


B: Sensitivity Analysis Design Ocean Tides





Peak Height Profiles - Swansea Channel PMF to 50y ARI events



Peak Height Profiles - Swansea Channel 20y to 2y ARI event

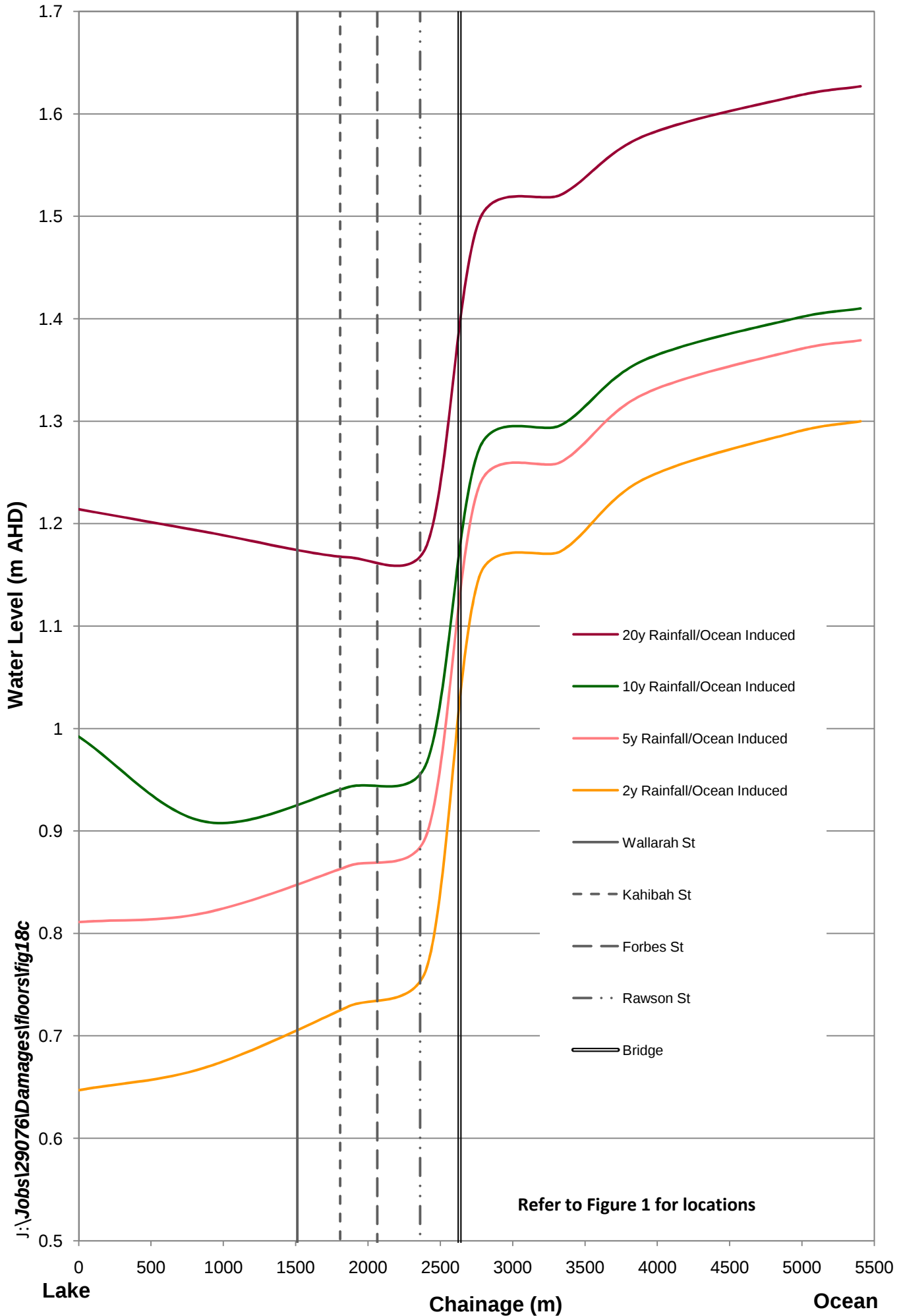


FIGURE 19A
CLIMATE CHANGE: HYDROGRAPHS

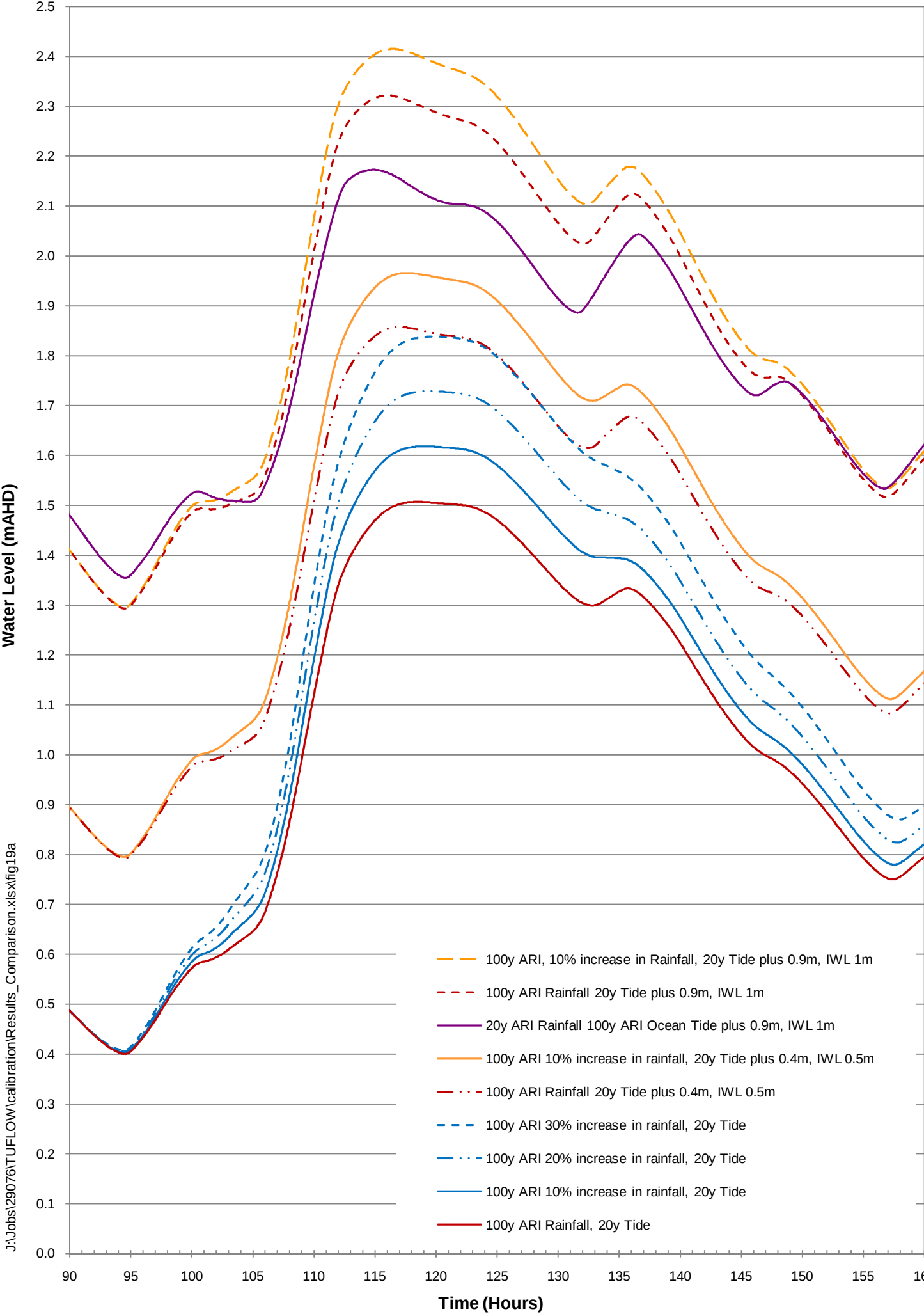


FIGURE 19B
CLIMATE CHANGE: ESTUARY PROFILES

J:\Jobs\29076\TUFLOW\calibration\Results_Comparison.xlsx\fig19b

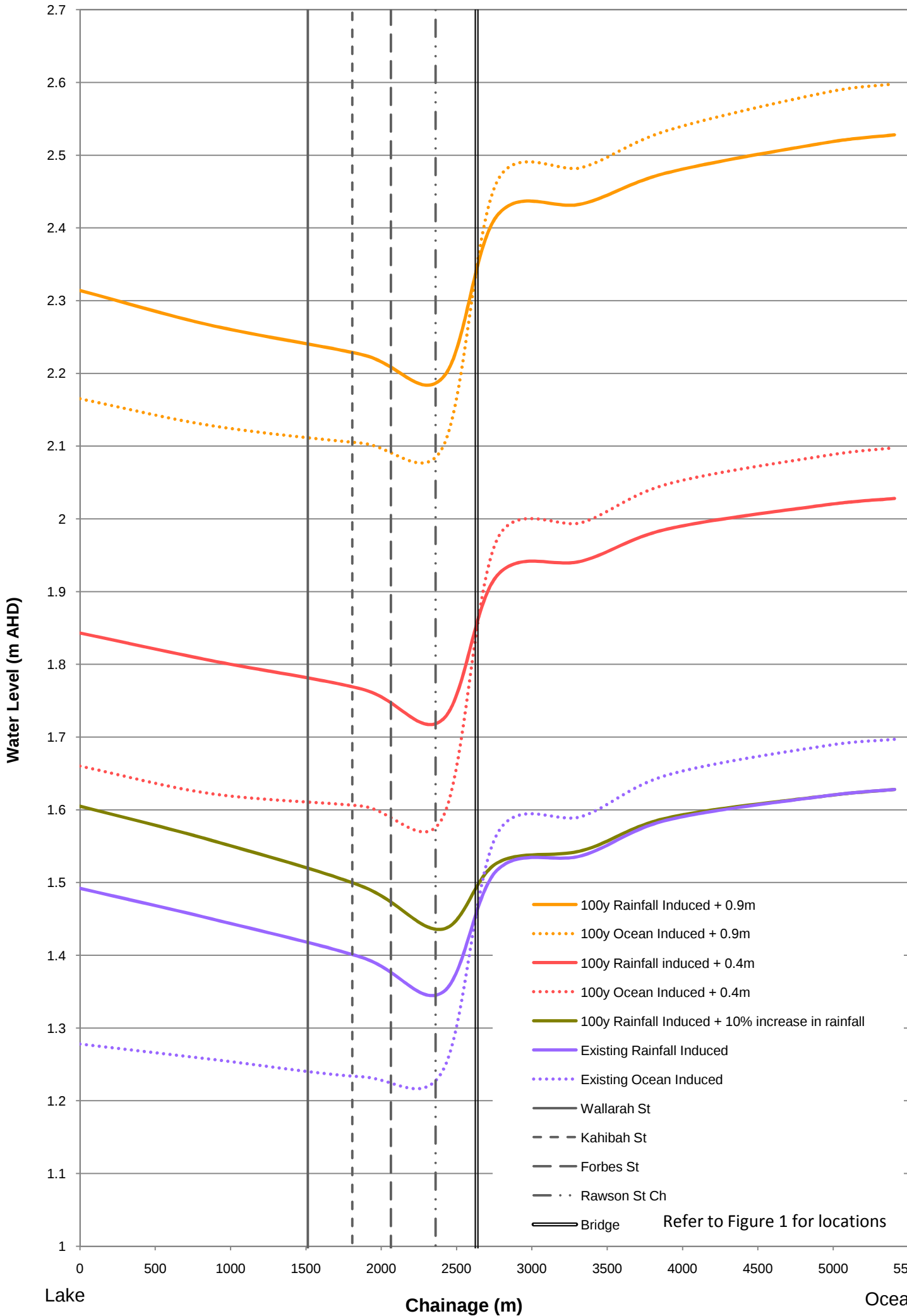


FIGURE 20
ASSESSMENT OF CLIMATE CHANGE
INCREASED RAINFALL

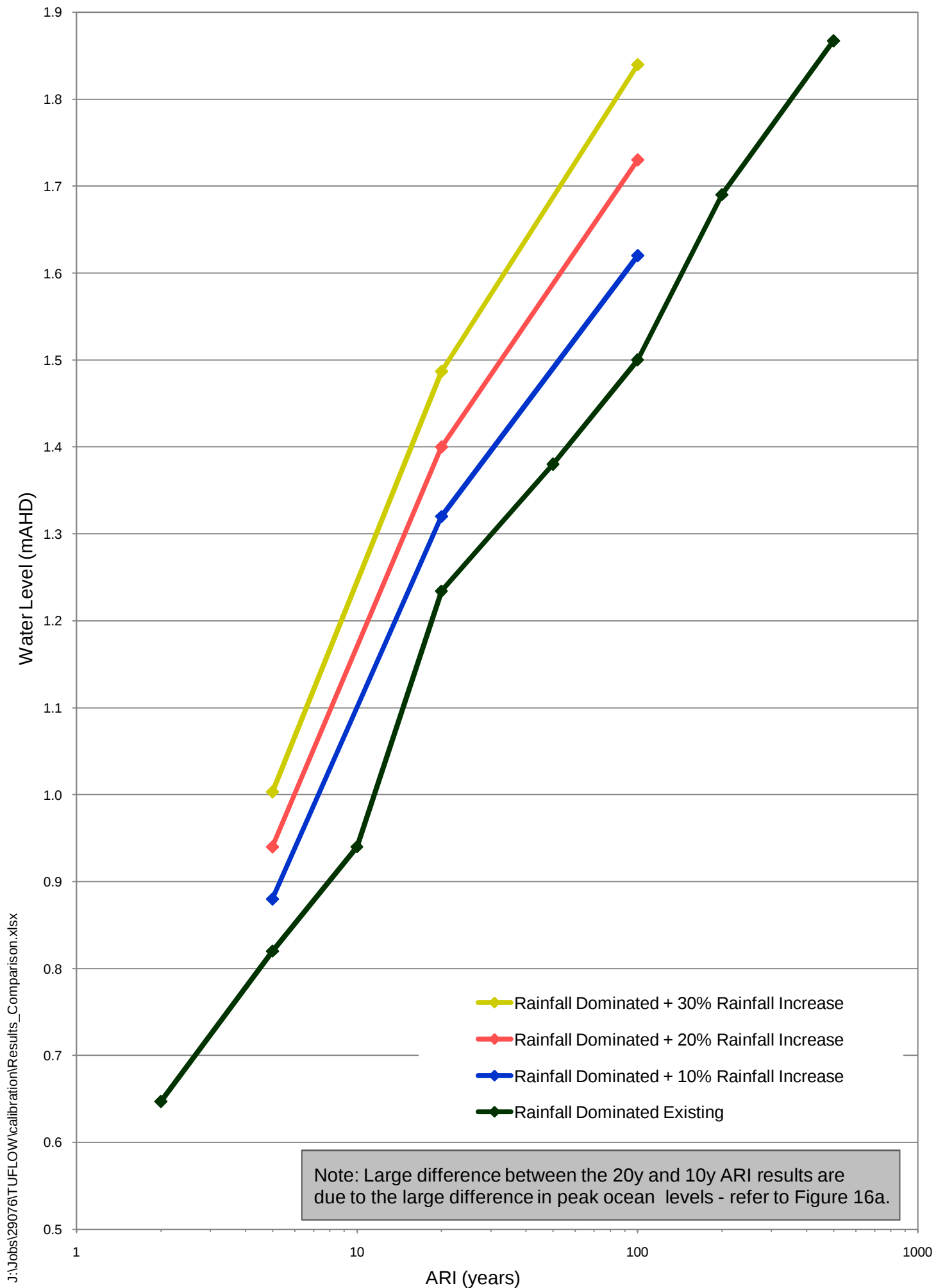


FIGURE 21
ASSESSMENT OF CLIMATE CHANGE
SEA LEVEL RISE

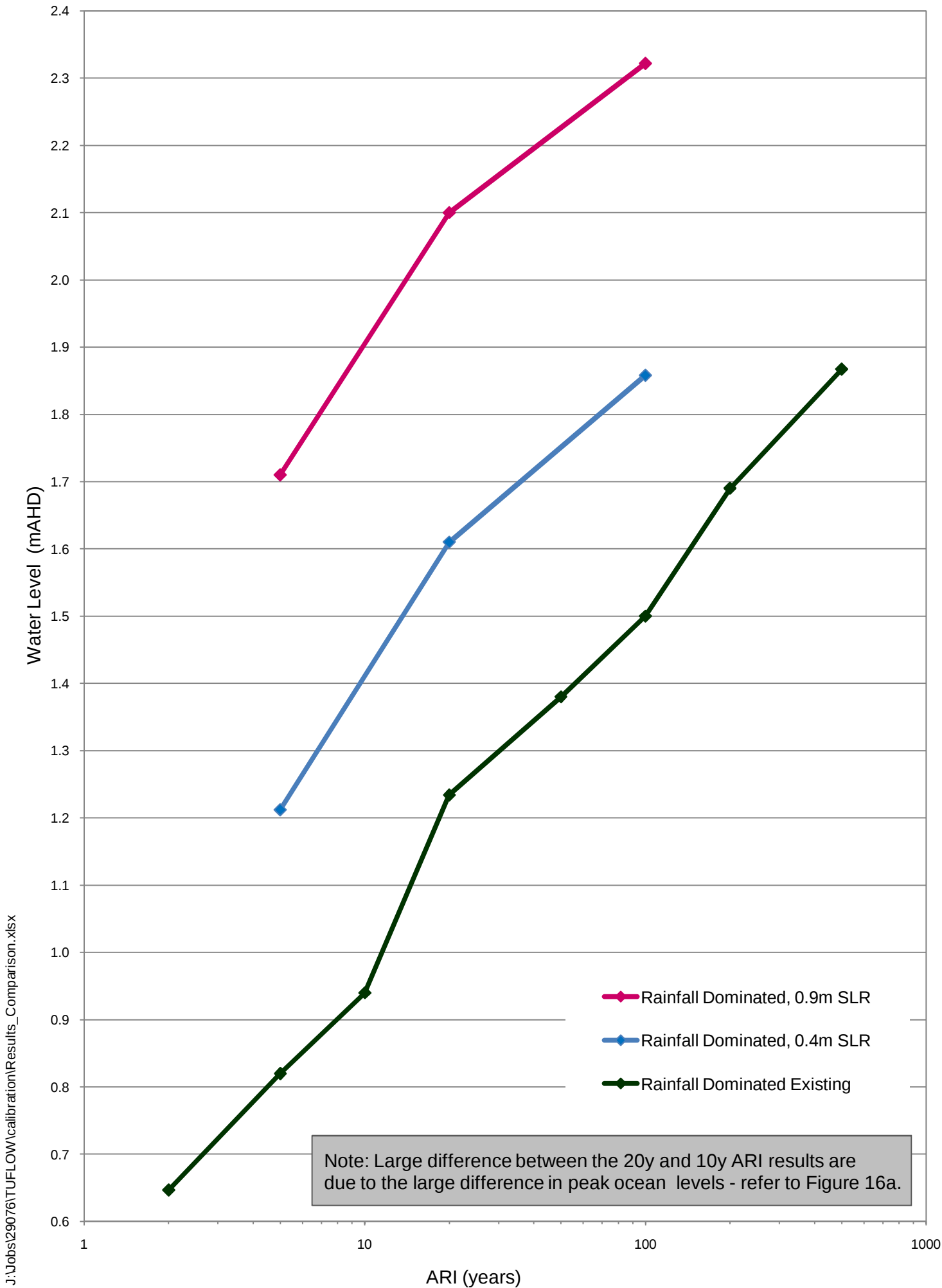


FIGURE 22
ASSESSMENT OF CLIMATE CHANGE
COMBINATION OF SEA LEVEL RISE AND RAINFALL INCREASE

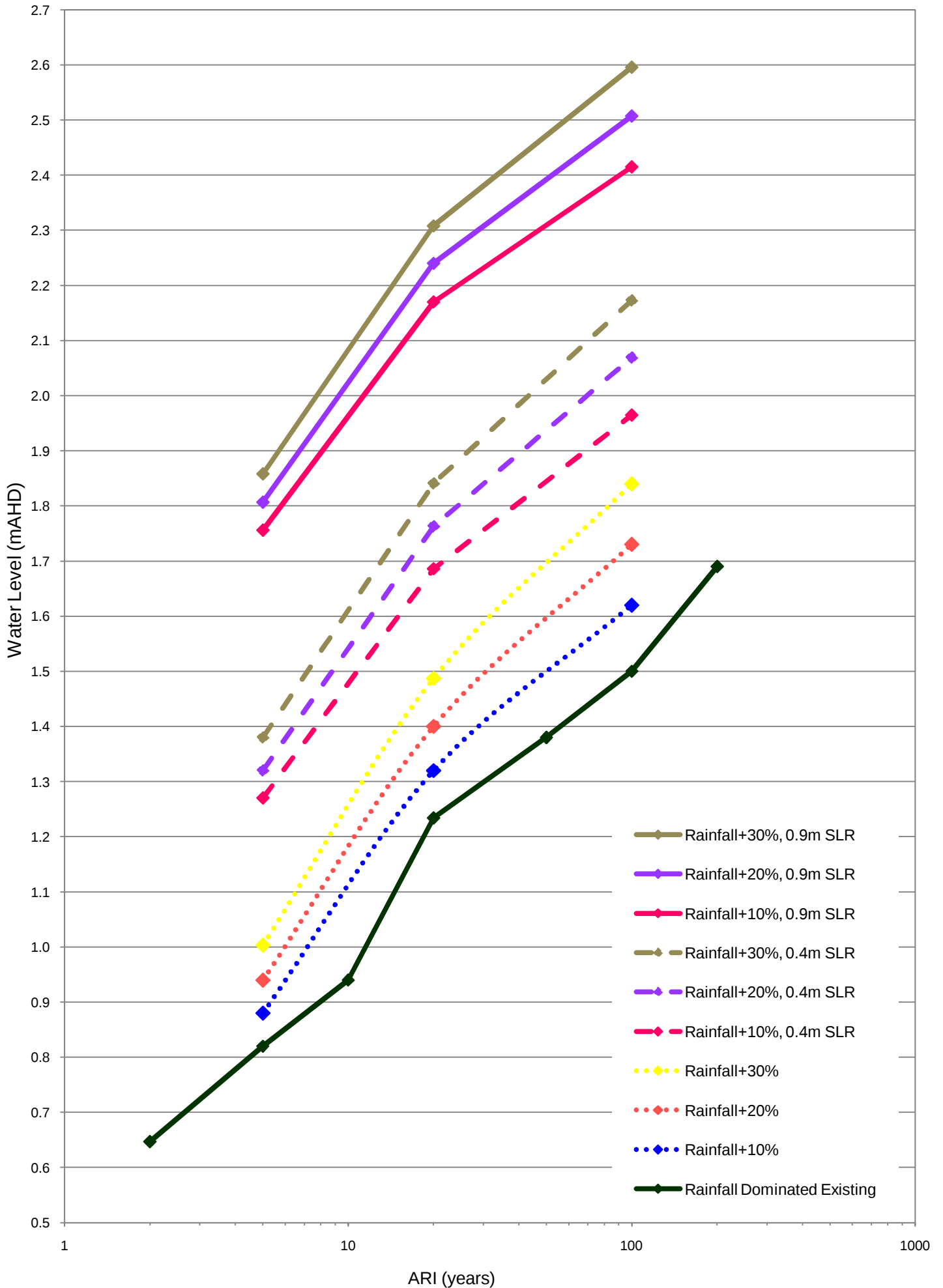
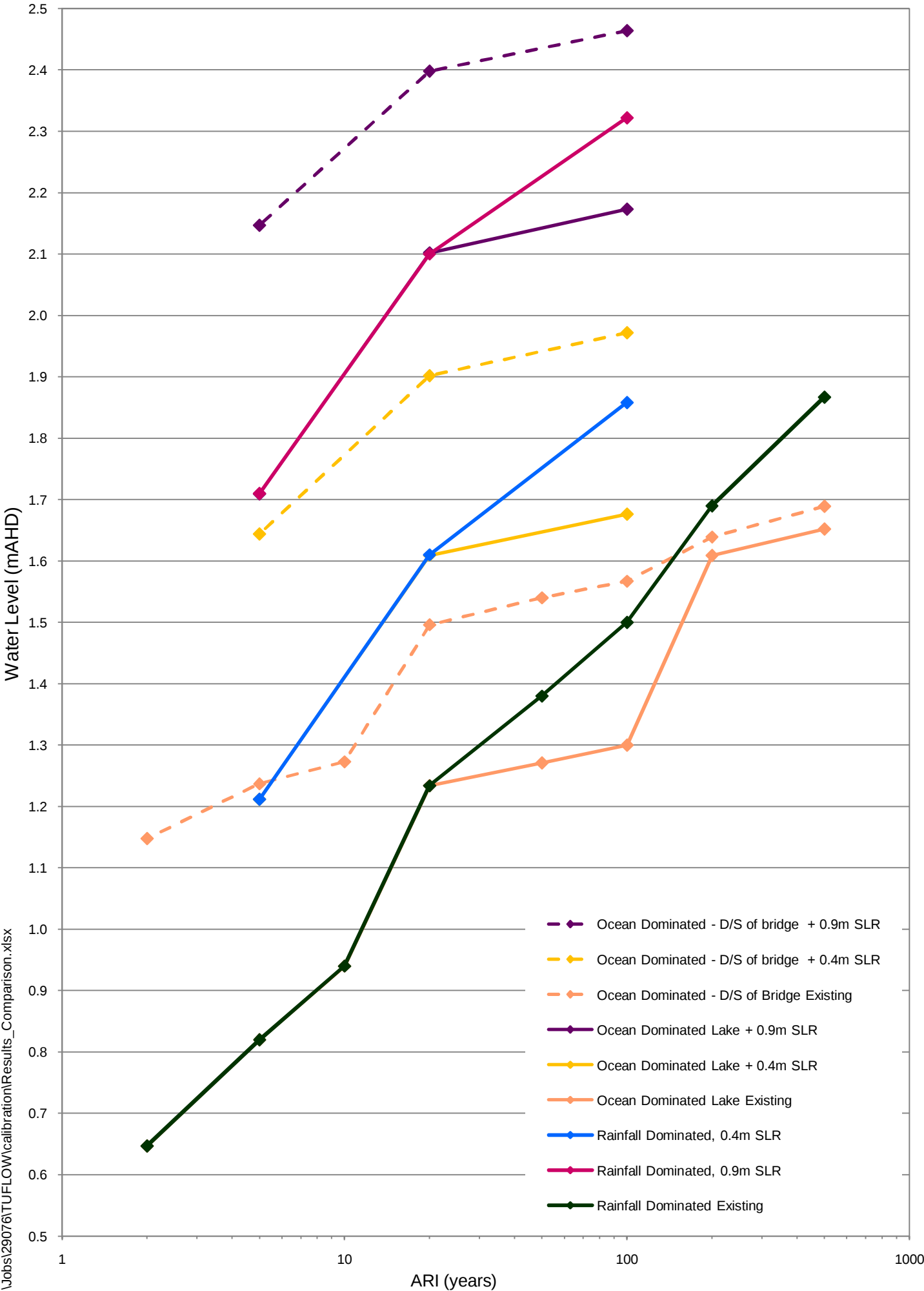
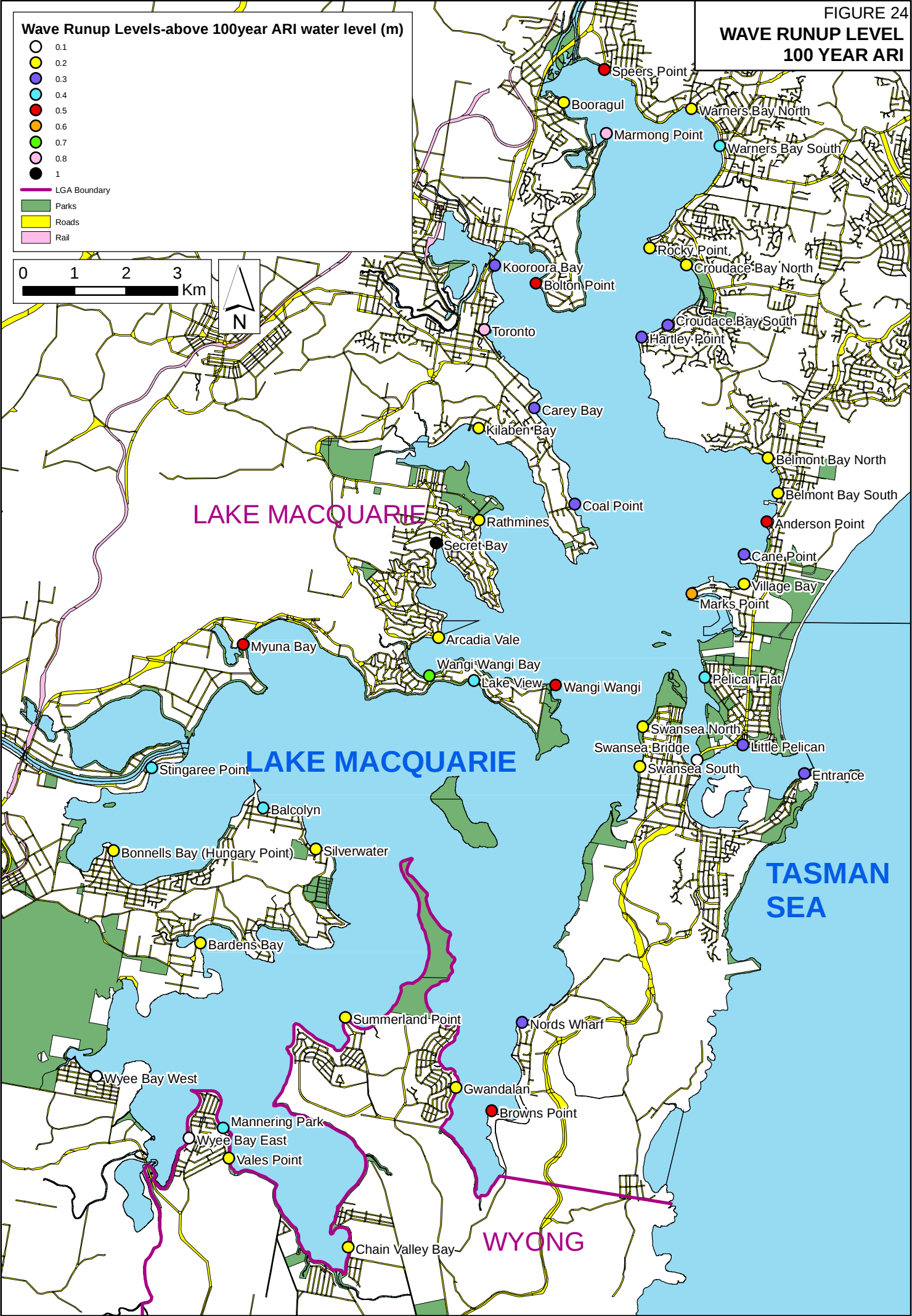


FIGURE 23
ASSESSMENT OF CLIMATE CHANGE
OCEAN DOMINATED WITH SEA LEVEL RISE



J:\Jobs\29076\Arcview\ArcMaps\Figure24_WaveRunupLevel100YrARI



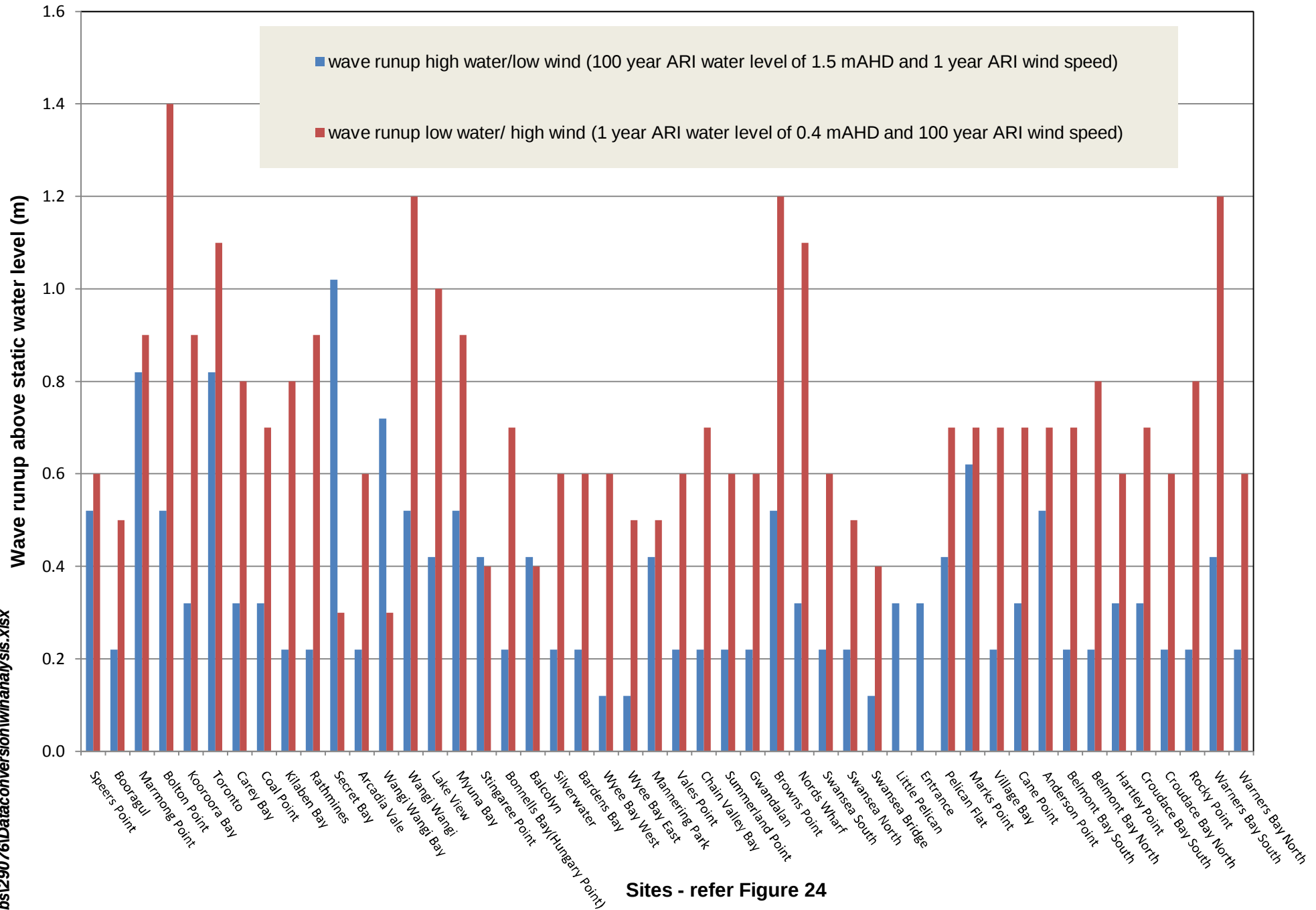


FIGURE 25
WAVE RUNUP LEVELS- LAKE MACQUARIE FLOOD
STUDY - Part 2