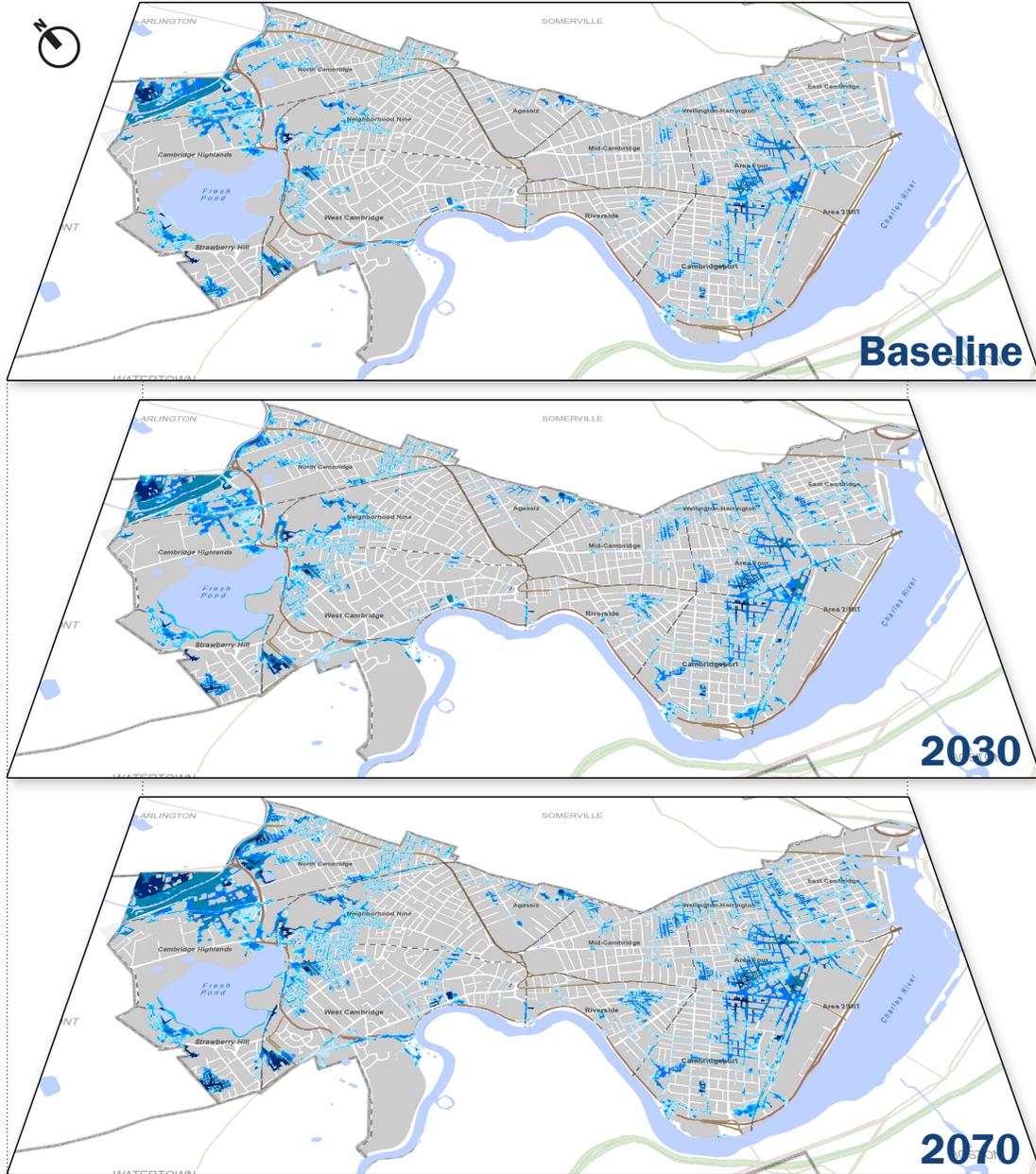


The updated flooding maps for the 10 yr. and 100 yr. storms for 2030 and 2070 do not show significant difference in the extent of flooding to the exception of diminished extent of flooding in areas around Fresh Pond. More significant changes are reported in the depth of flooding with less depth of flooding reported in the Alewife Area.

## UPDATED APRIL 2017



The Baseline map illustrates potential flooding from a 100-year 24-hour storm under current conditions with an estimated rainfall of 8.9 inches over 24 hours.

The 2030 map illustrates potential flooding from a projected 100-year 24-hour storm with climate change and an estimated rainfall of 10.2 inches over 24 hours.

The 2070 map illustrates potential flooding from a projected 100-year 24-hour storm with climate change and an estimated rainfall of 11.7 inches over 24 hours.

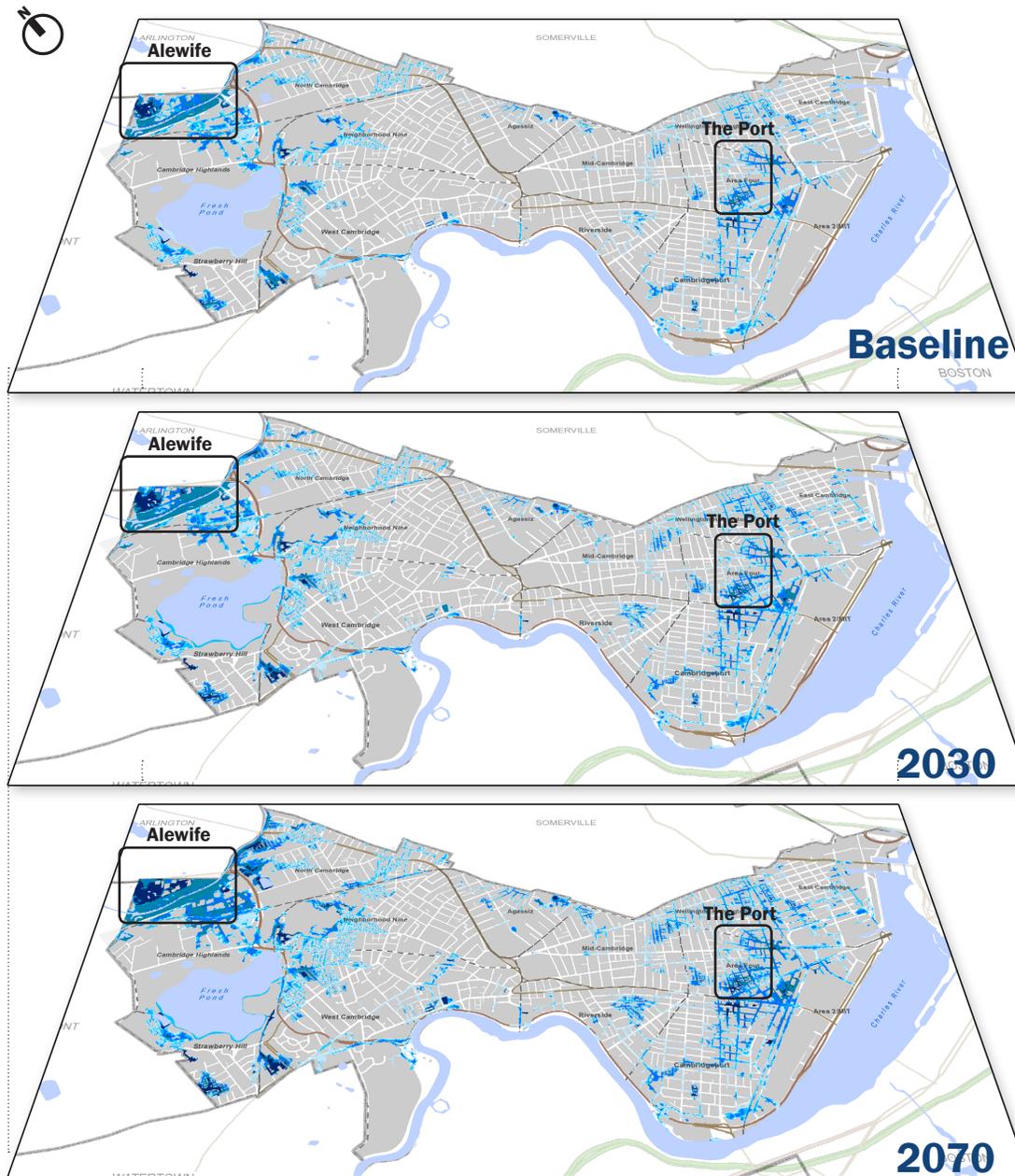
### Depth of Flooding above Ground (feet)



Fig. 10 Inland Flooding – 100-year 24-hour storm (Source: Kleinfelder and Stantec, April 2017)

The updated flooding maps for the 10 yr. and 100 yr. storms for 2030 and 2070 do not show significant difference in the extent of flooding to the exception of diminished extent of flooding in areas around Fresh Pond. More significant changes are reported in the depth of flooding with less depth of flooding reported in the Alewife Area.

## UPDATED APRIL 2017



The Baseline map illustrates potential flooding from a 10-year 24-hour storm under current conditions with an estimated rainfall of 4.9 inches over 24 hours.

The 2030 map illustrates potential flooding from a projected 10-year 24-hour storm with climate change and an estimated rainfall of 5.6 inches over 24 hours.

The 2070 map illustrates potential flooding from a projected 10-year 24-hour storm with climate change and an estimated rainfall of 6.4 inches over 24 hours.

### Depth of Flooding above Ground (feet)



Fig. 13 Inland Flooding – 10-year 24-hour storm (Source: Kleinfelder and Stantec, April 2017)