

Figure 18: Existing and wide lower river flood extent from Ahikiwi to Mamaranui in 2 year ARI flood event (2ywm4\_extent,jpg)



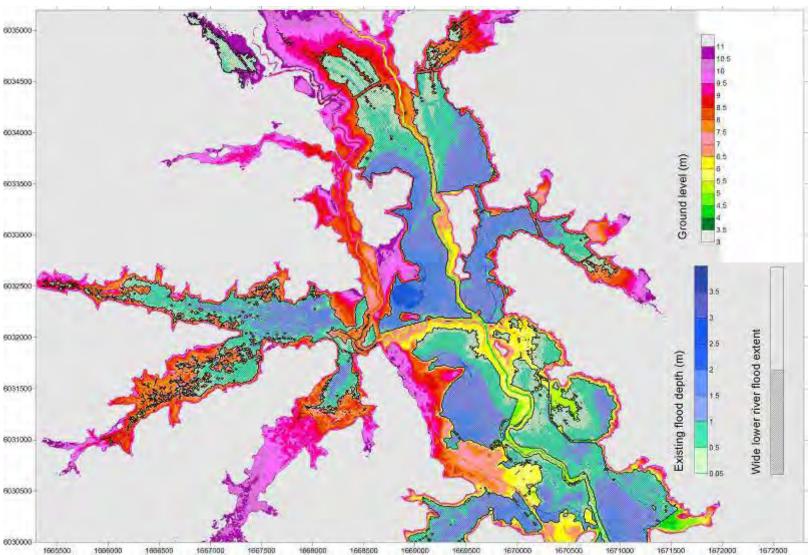


Figure 19: Existing and wide lower river flood extent from Mamaranui to Waitukuhuruhuru Stream (State Highway 12 dip) in 2 year ARI event (2ywm3\_extent.jpg)



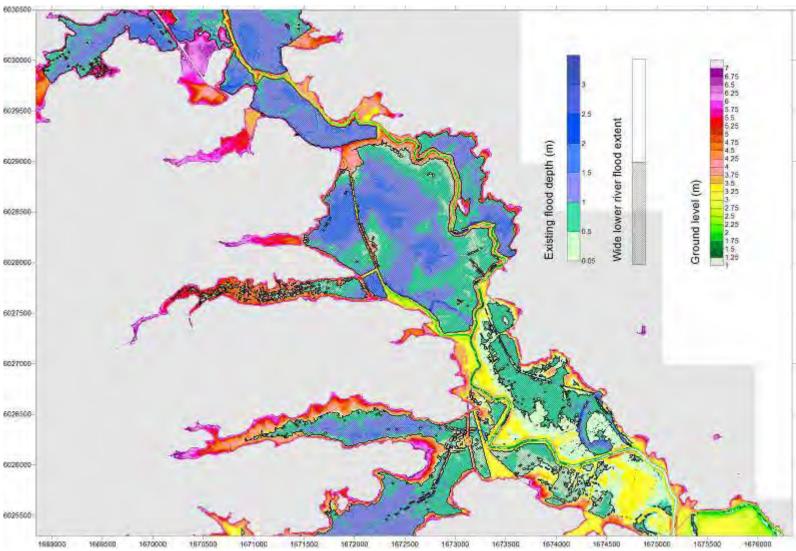
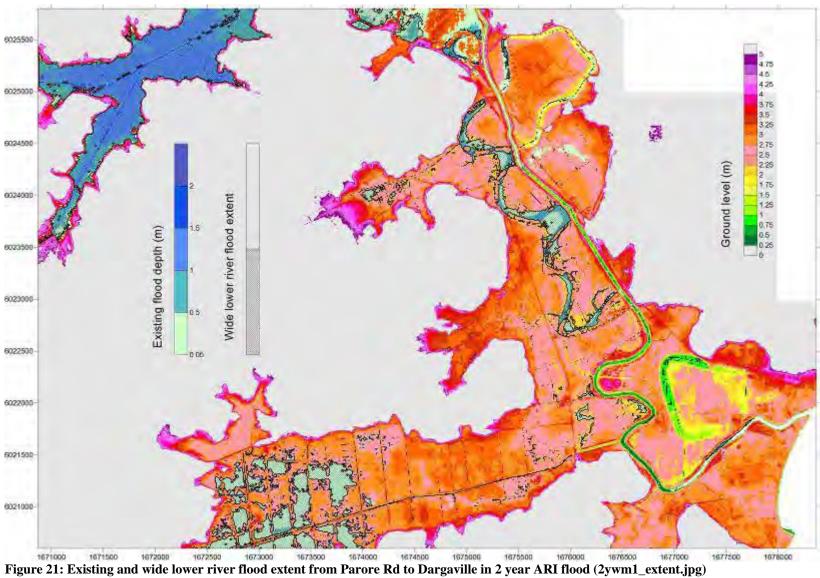


Figure 20: Existing and wide lower river flood extent from Waitukuhuruhuru Stream (State Highway 12 dip) to Parore Rd in 2 year ARI event (2ywm2\_extent.jpg)







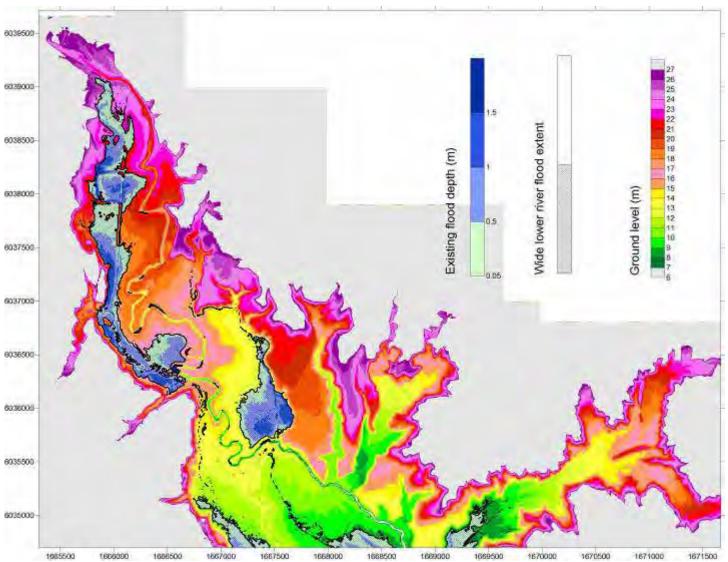


Figure 22: Existing and wide lower river flood extent from Ahikiwi to Mamaranui in 5 year ARI flood event (5ywm4\_extent.jpg)



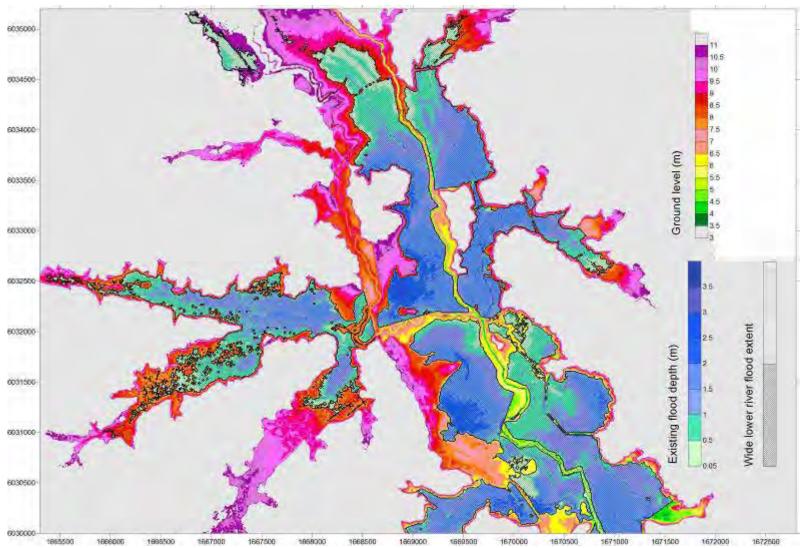


Figure 23: Existing and wide lower river flood extent from Mamaranui to Waitukuhuruhuru Stream (State Highway 12 dip) in 5 year ARI flood event (5ywm3\_extent.jpg)



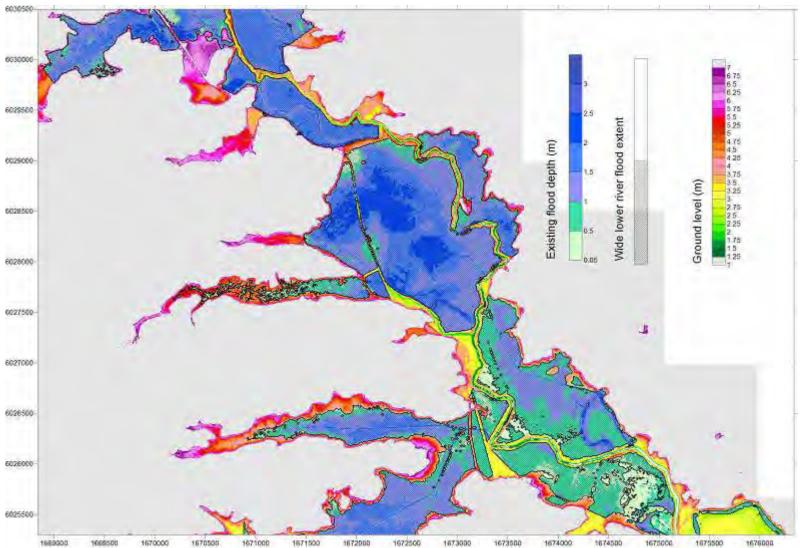


Figure 24: Existing and wide lower river flood extent from Waitukuhuruhuru Stream (State Highway 12 dip) to Parore Rd in 5 year ARI flood event (5ywm2\_extent.jpg)



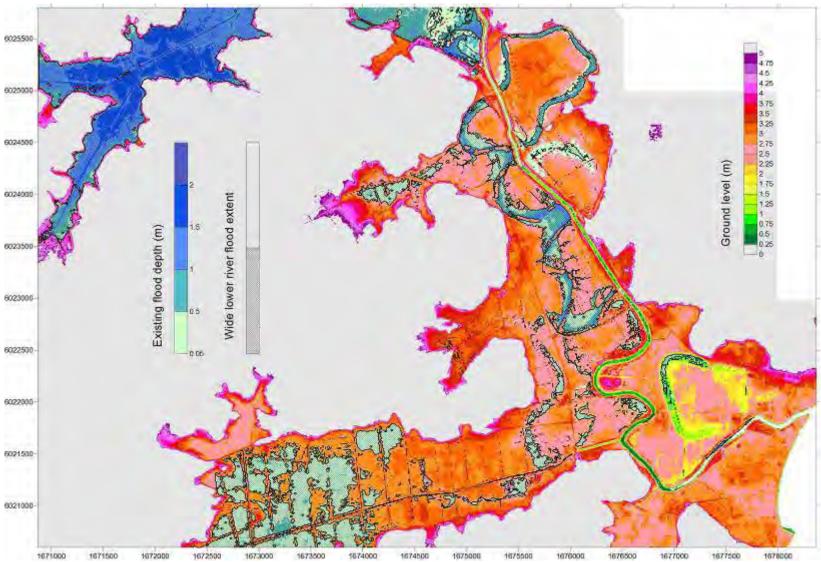


Figure 25: Existing and wide lower river flood extent from Parore Rd to Dargaville in 5 year ARI flood event (5ywm1\_extent.jpg)



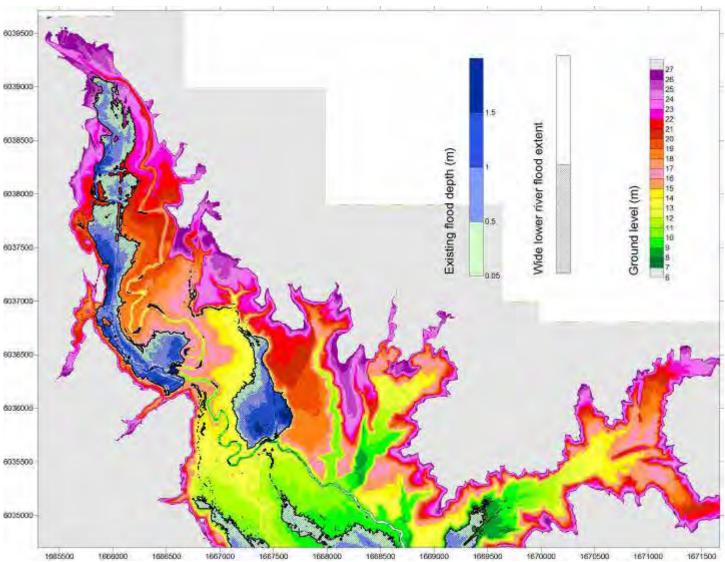


Figure 26: Existing and wide lower river flood extent from Ahikiwi to Mamaranui in 10 year ARI flood event (10ywm4\_extent.jpg)

xxvi



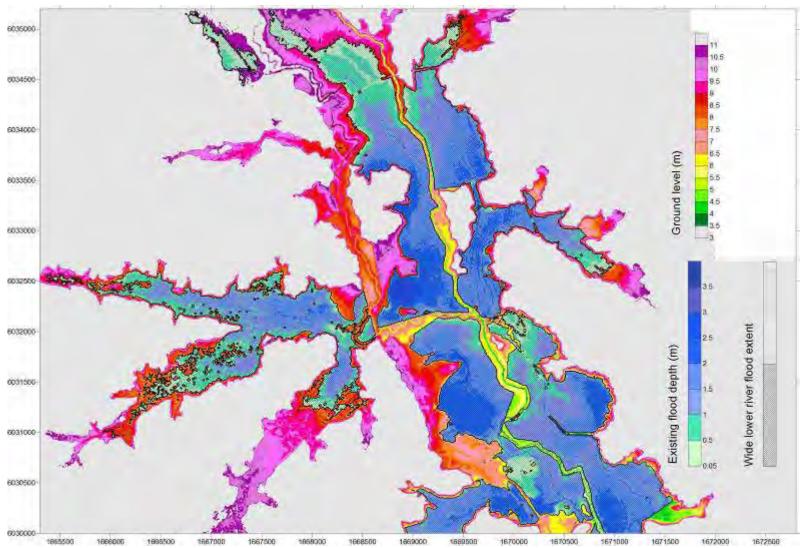


Figure 27: Existing and wide lower river flood extent from Mamaranui to Waitukuhuruhuru Stream (State Highway 12 dip) in 10 year ARI flood event (10ywm3\_extent.jpg)



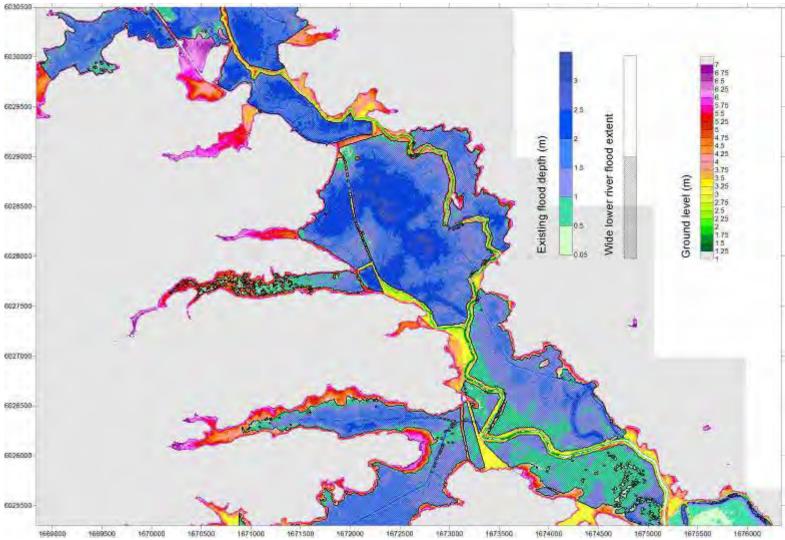


Figure 28: Existing and wide lower river flood extent from Waitukuhuruhuru Stream (State Highway 12 dip) to Parore Rd 10 year ARI flood event (10ywm2\_extent.jpg)



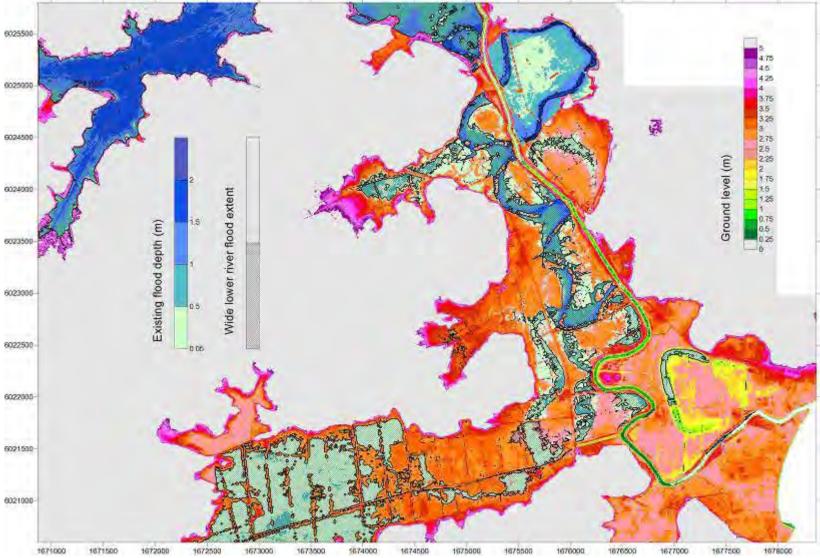


Figure 29: Existing and wide lower river flood extent from Parore Rd to Dargaville in 10 year ARI flood event (10ywm1\_extent.jpg)

xxix



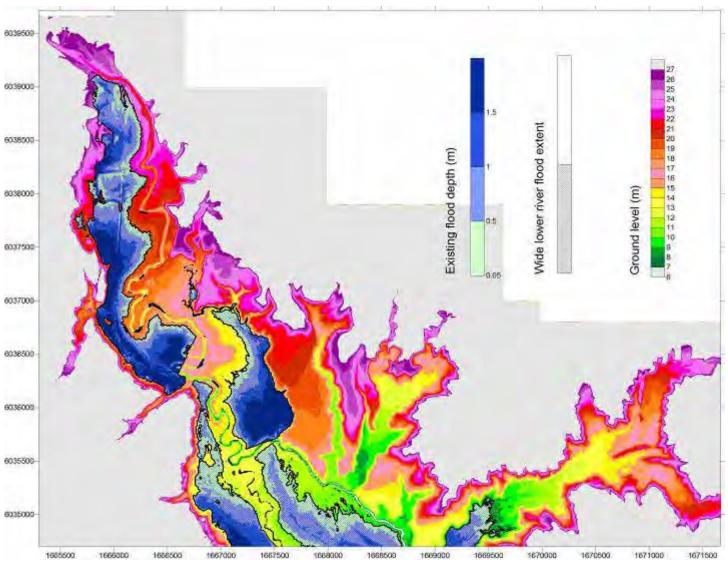


Figure 30: Existing and wide lower river flood extent from Ahikiwi to Mamaranui in 100 year ARI flood event (100ywm4\_extent.jpg)



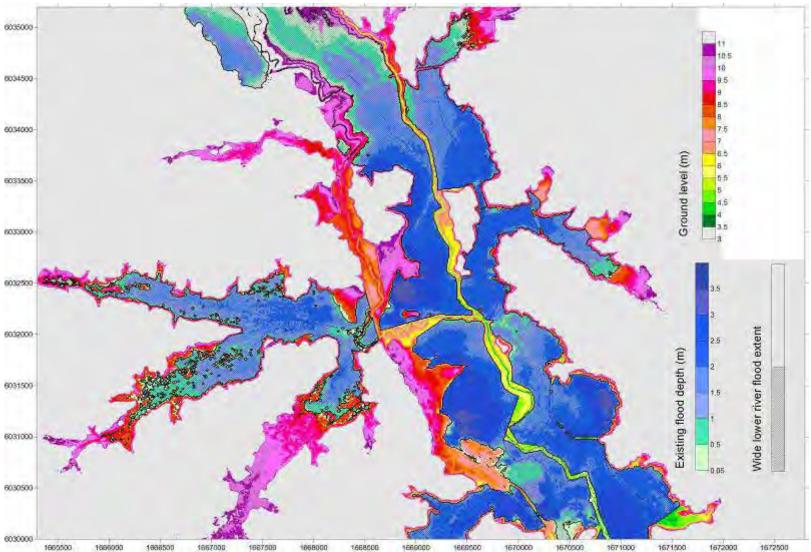


Figure 31: Existing and wide lower river flood extent from Mamaranui to Waitukuhuruhuru Stream (State Highway 12 dip) in 100 year ARI flood event (100ywm3\_extent.jpg)



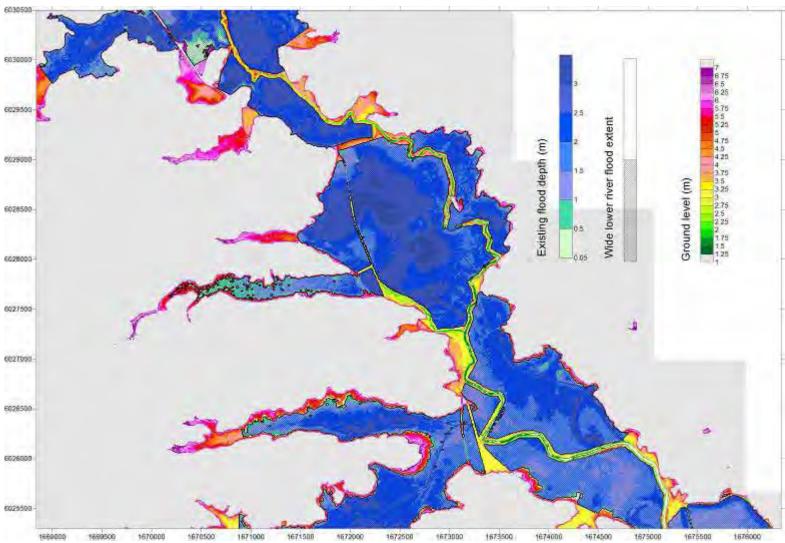


Figure 32: Existing and wide lower river flood extent from Waitukuhuruhuru Stream (State Highway 12 dip) to Parore Rd 100 year ARI flood event (100ywm2\_extent,jpg)



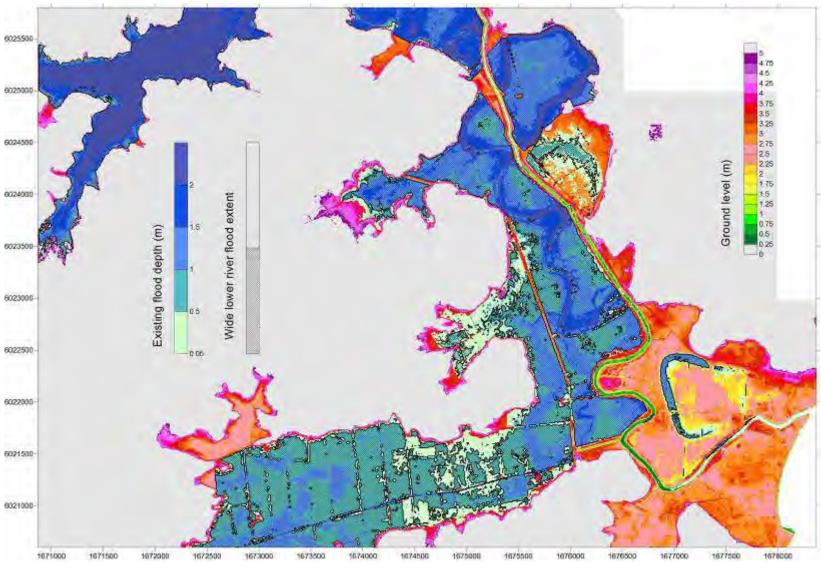


Figure 33: Existing and wide lower river flood extent from Parore Rd to Dargaville in 100 year ARI flood event (100ywm1\_extent.jpg

xxxiii