

Cutler Bay Township

Sea Level Rise 1990 – 2160

Resulting from Global Climate Change

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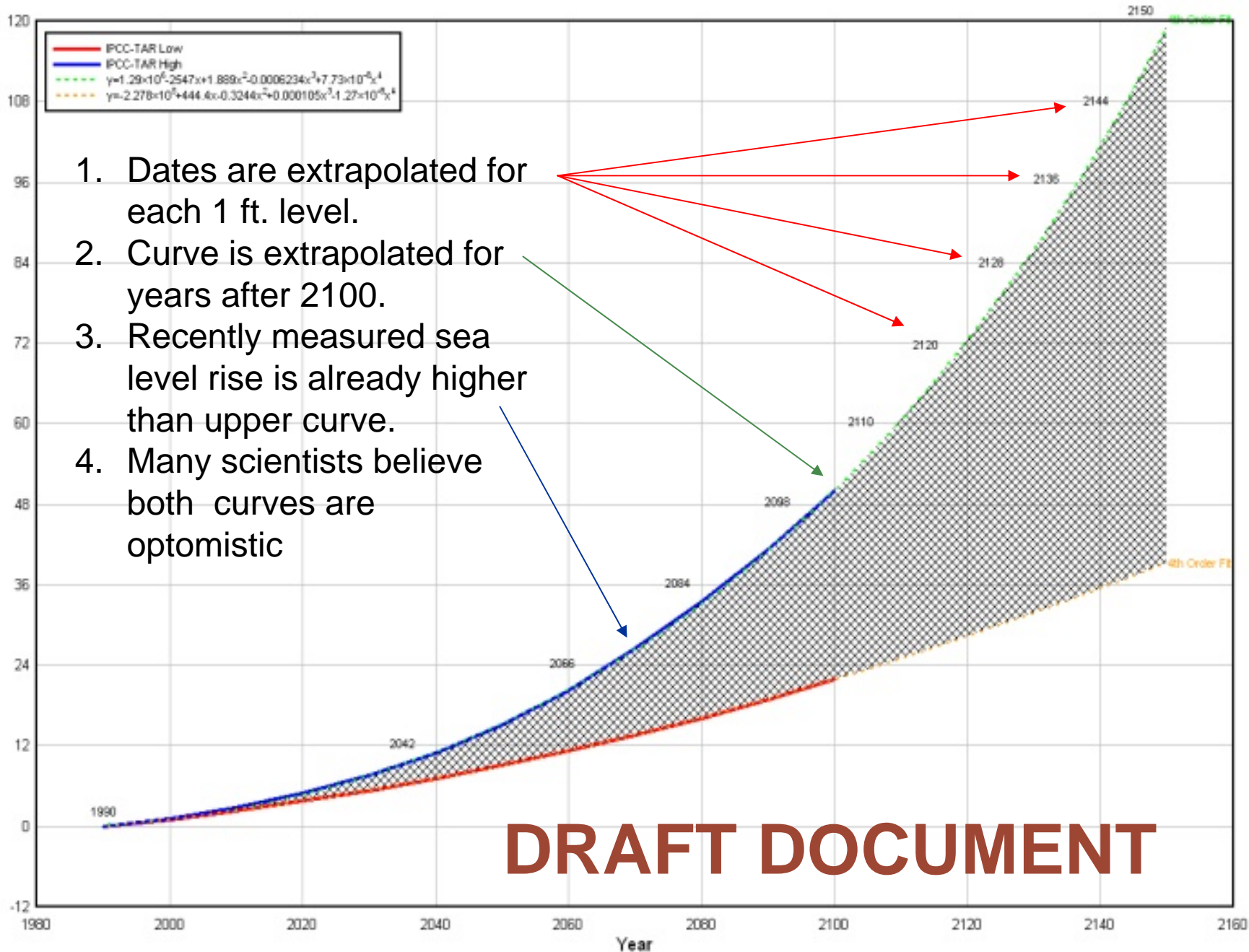
By Peter W. Harlem

11/06/2007

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1. Maps are produced from digital LIDAR elevation grids and contoured at 1 ft. levels.
2. Dates are produced from extrapolation of most pessimistic IPCC TAR 4 curve.
3. Sea level is increasing **faster** than most pessimistic IPCC curve!

IPCC TAR Sea Level Curves



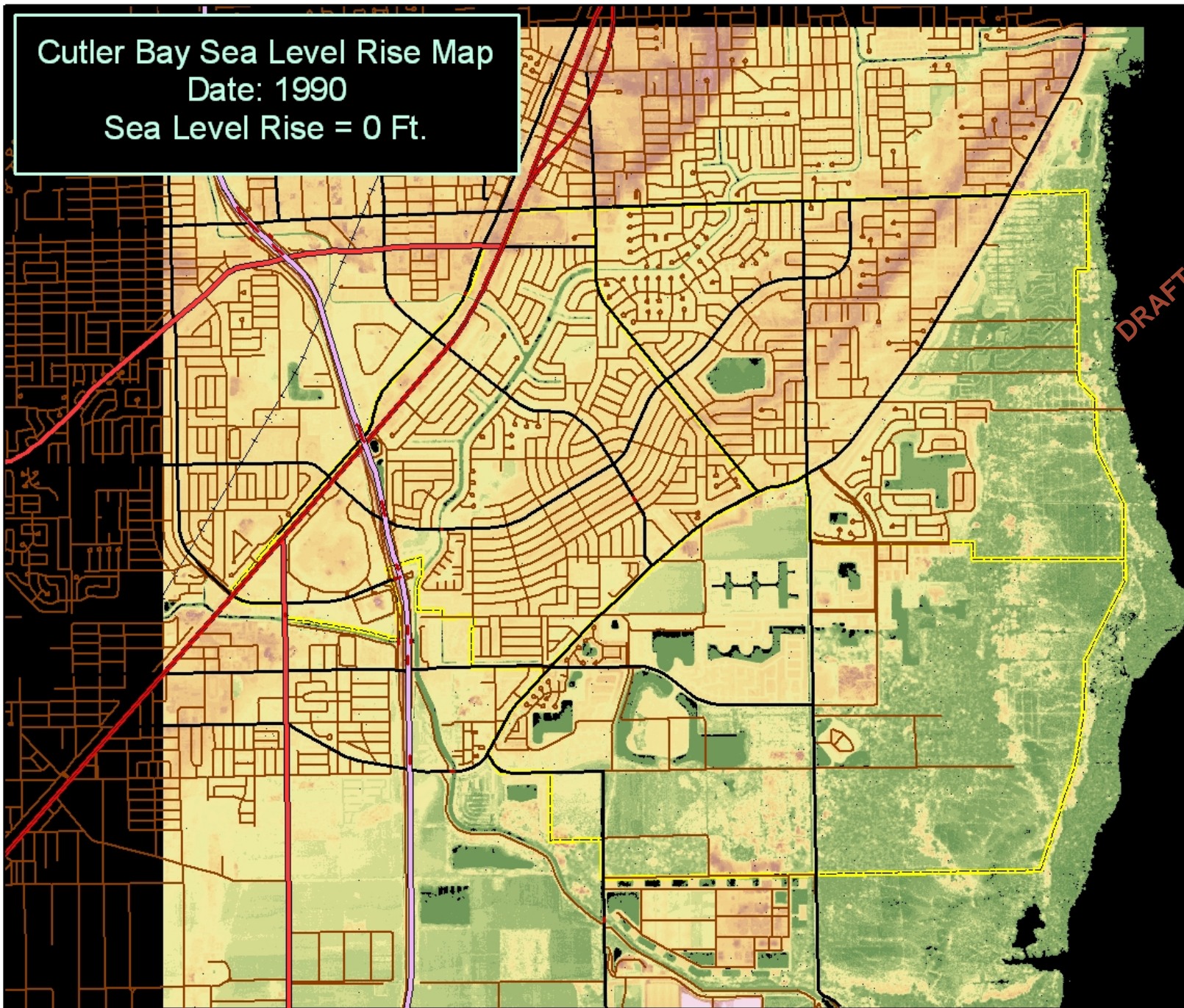
Cutler Bay Sea Level Rise Map

Date: 1990

Sea Level Rise = 0 Ft.



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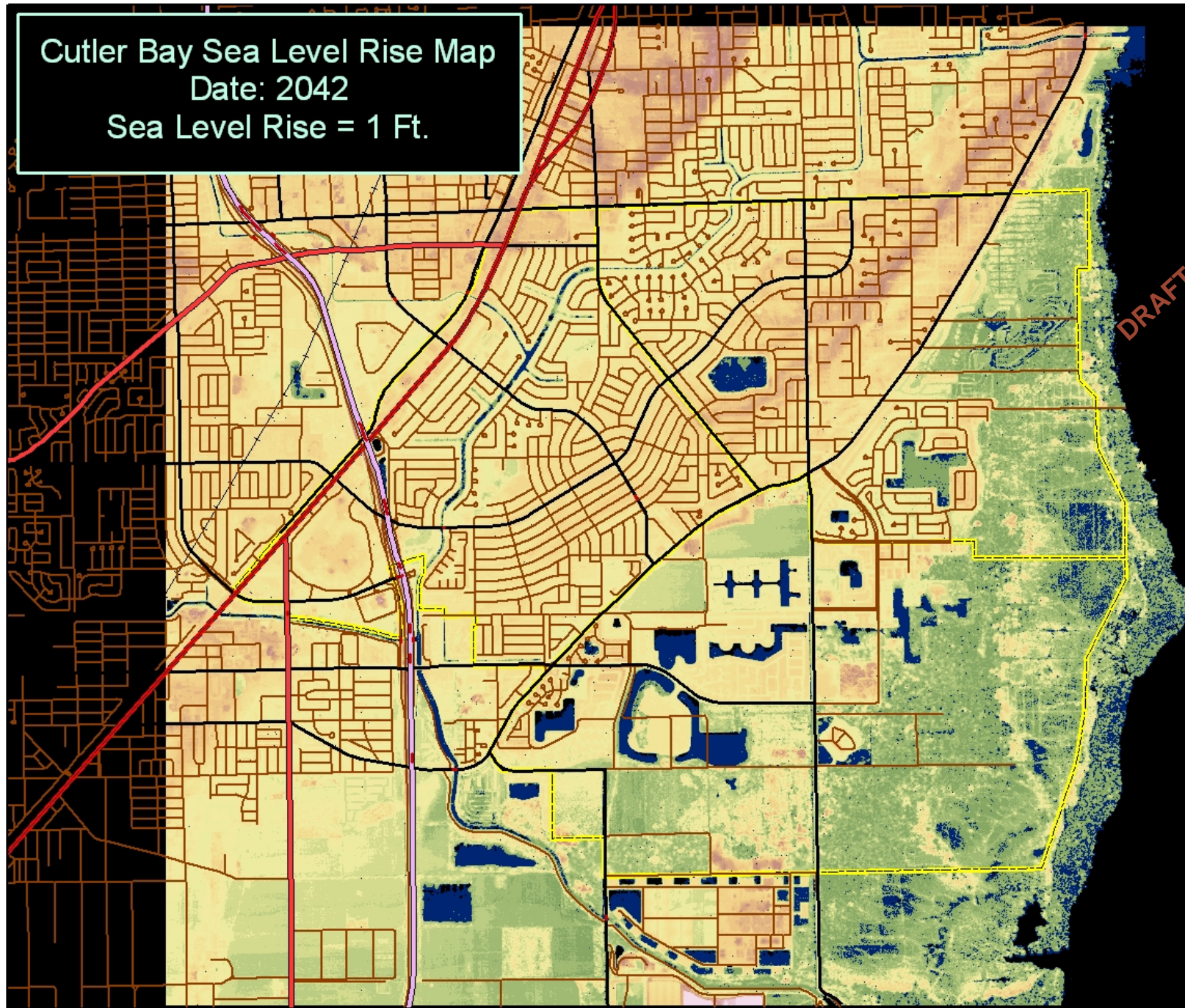


Source:
FIU Hurricane
Research Cntr.
LIDAR
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Cutler Bay Sea Level Rise Map
Date: 2042
Sea Level Rise = 1 Ft.



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Source:
FIU Hurricane
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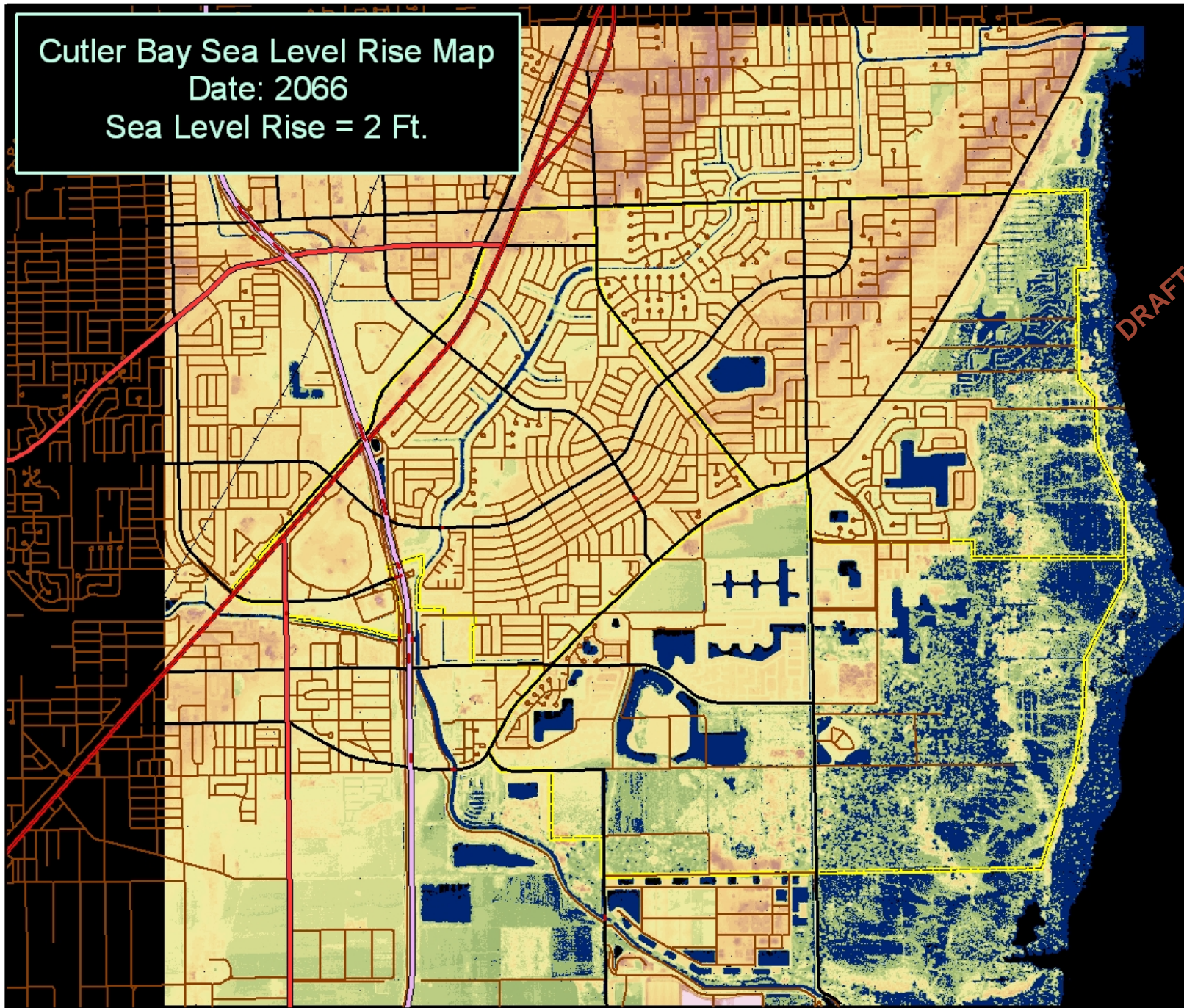
Cutler Bay Sea Level Rise Map

Date: 2066

Sea Level Rise = 2 Ft.



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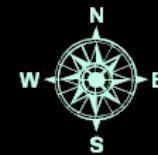
Source:
FIU Hurricane
Research Cntr.
LIDAR

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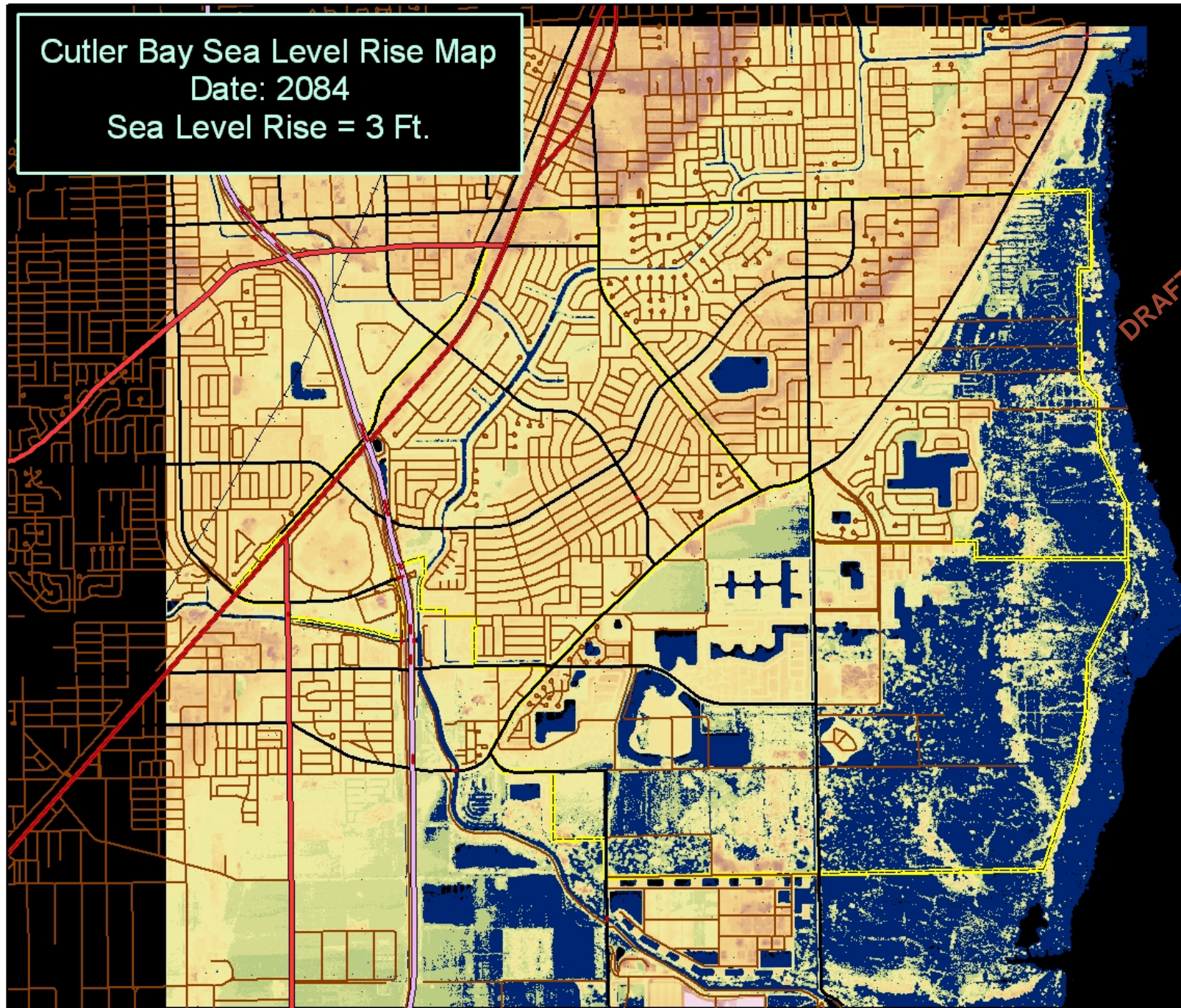
Cutler Bay Sea Level Rise Map

Date: 2084

Sea Level Rise = 3 Ft.



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FIU Hurricane
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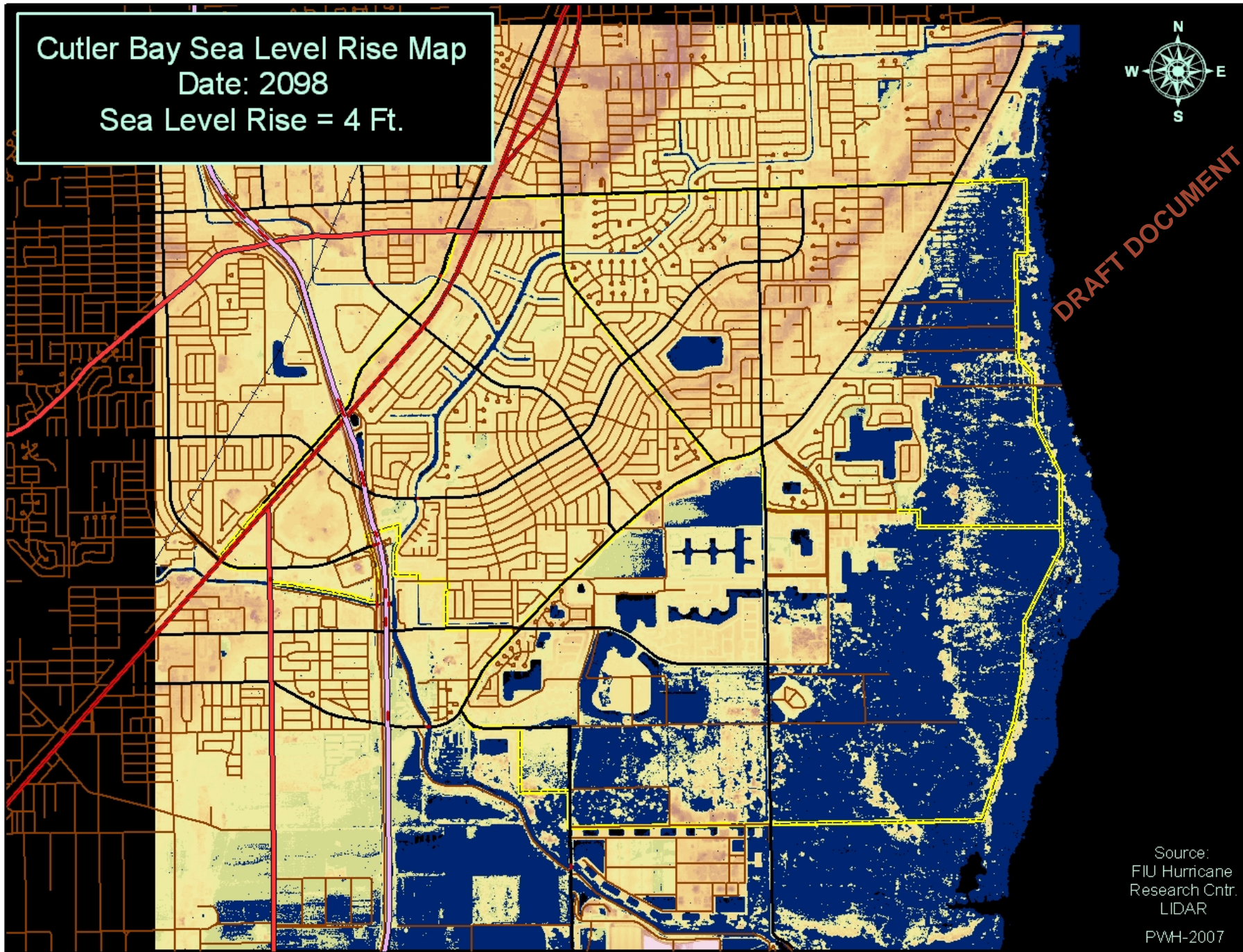
Cutler Bay Sea Level Rise Map

Date: 2098

Sea Level Rise = 4 Ft.



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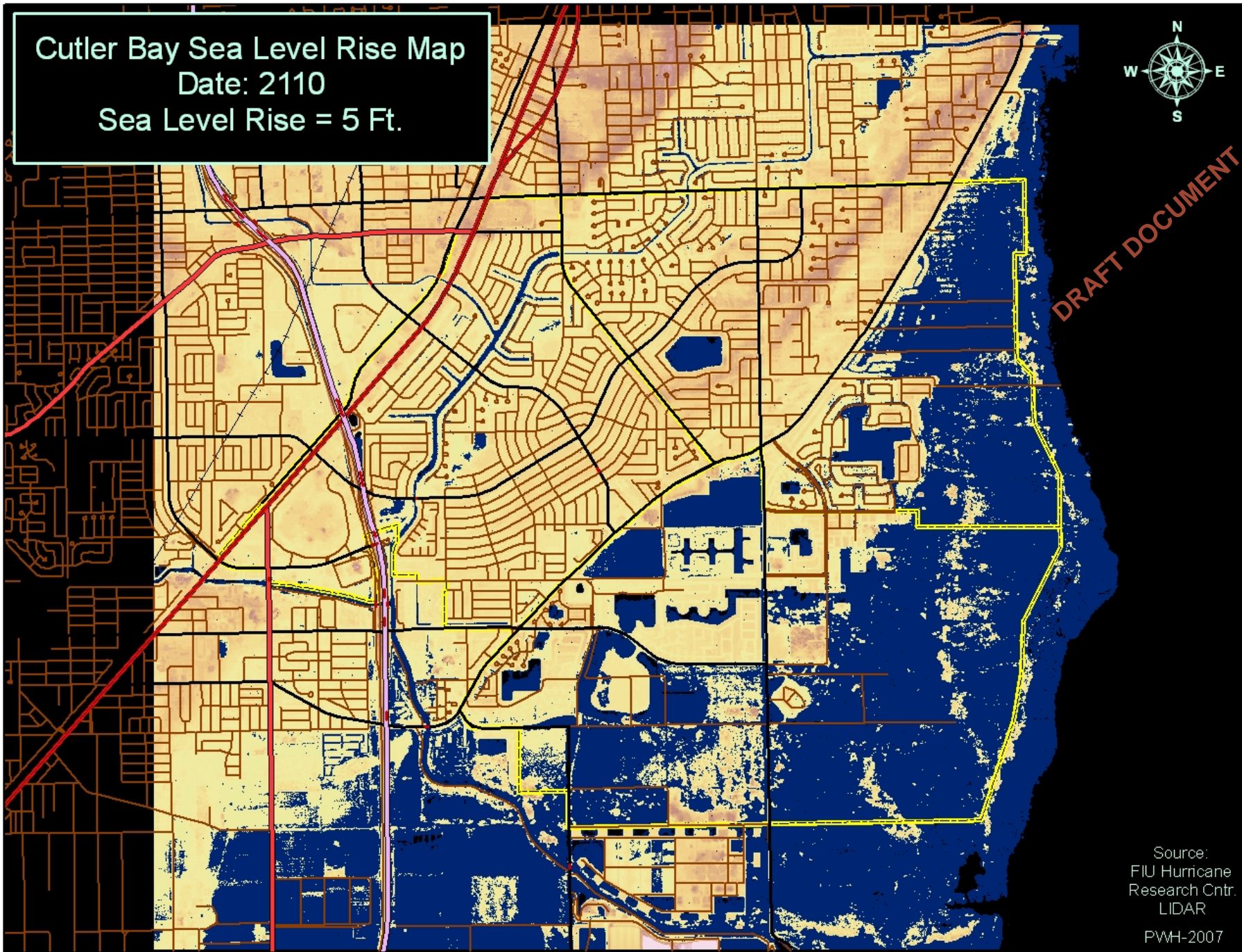
Cutler Bay Sea Level Rise Map

Date: 2110

Sea Level Rise = 5 Ft.



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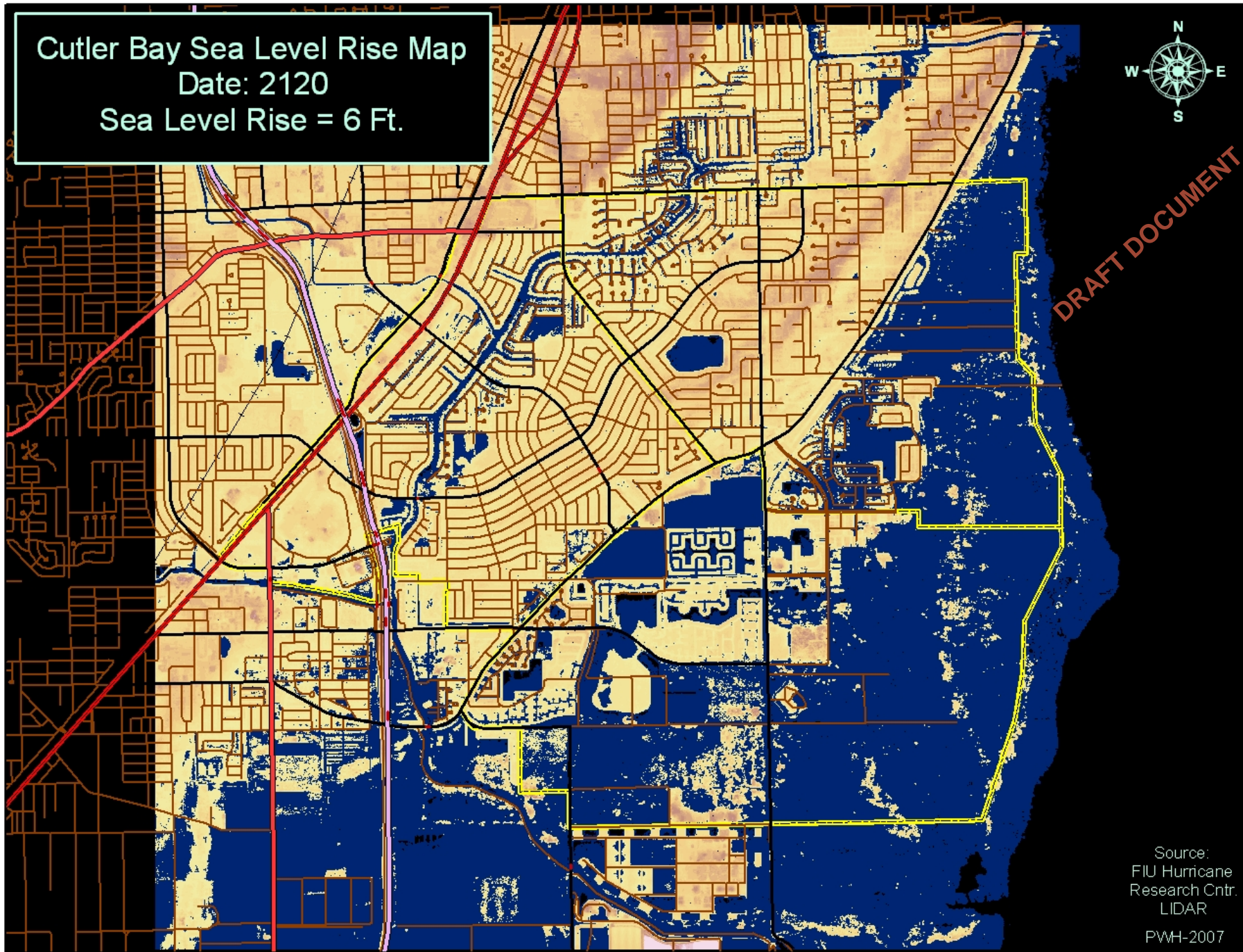
Cutler Bay Sea Level Rise Map

Date: 2120

Sea Level Rise = 6 Ft.



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FIU Hurricane
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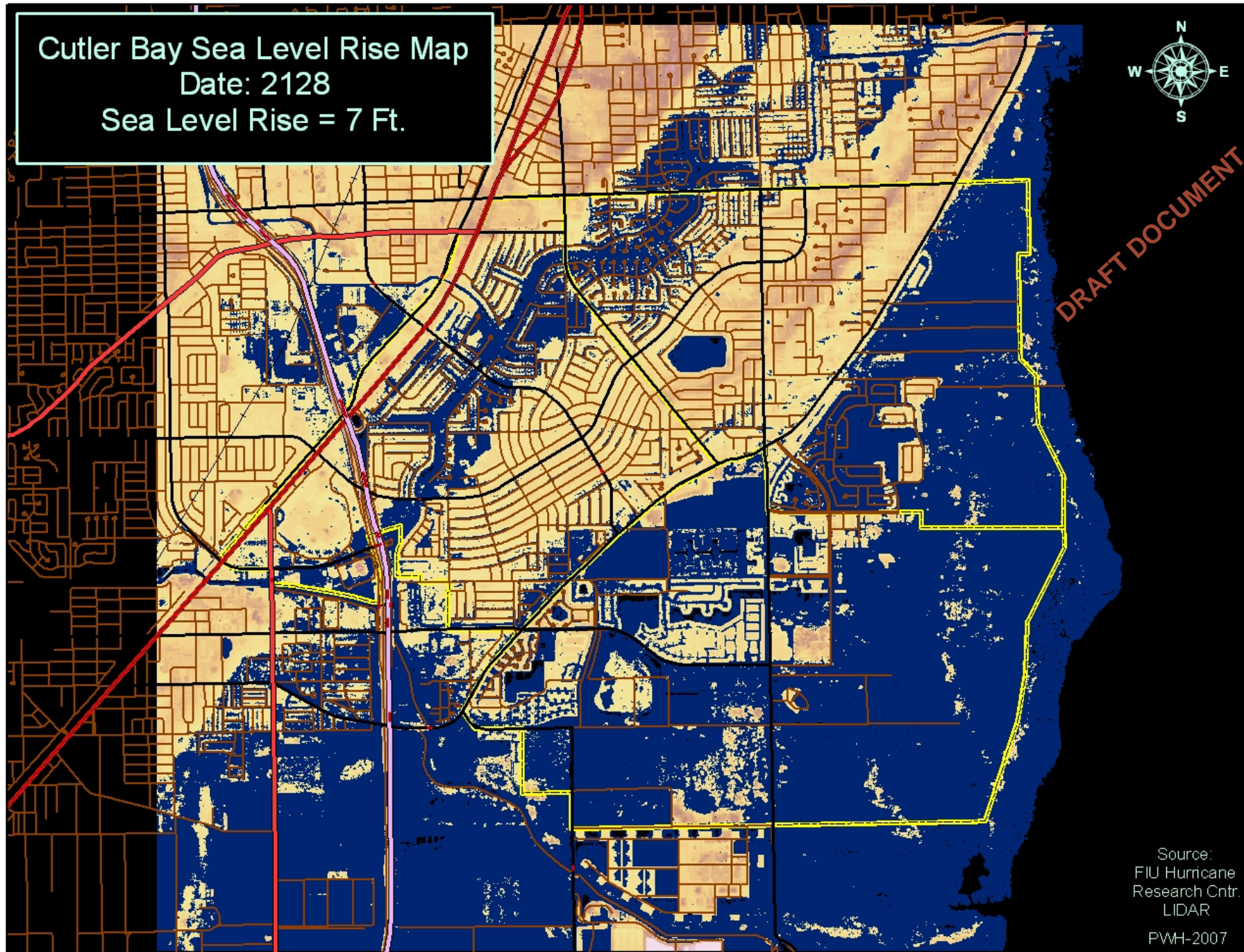
Cutler Bay Sea Level Rise Map

Date: 2128

Sea Level Rise = 7 Ft.



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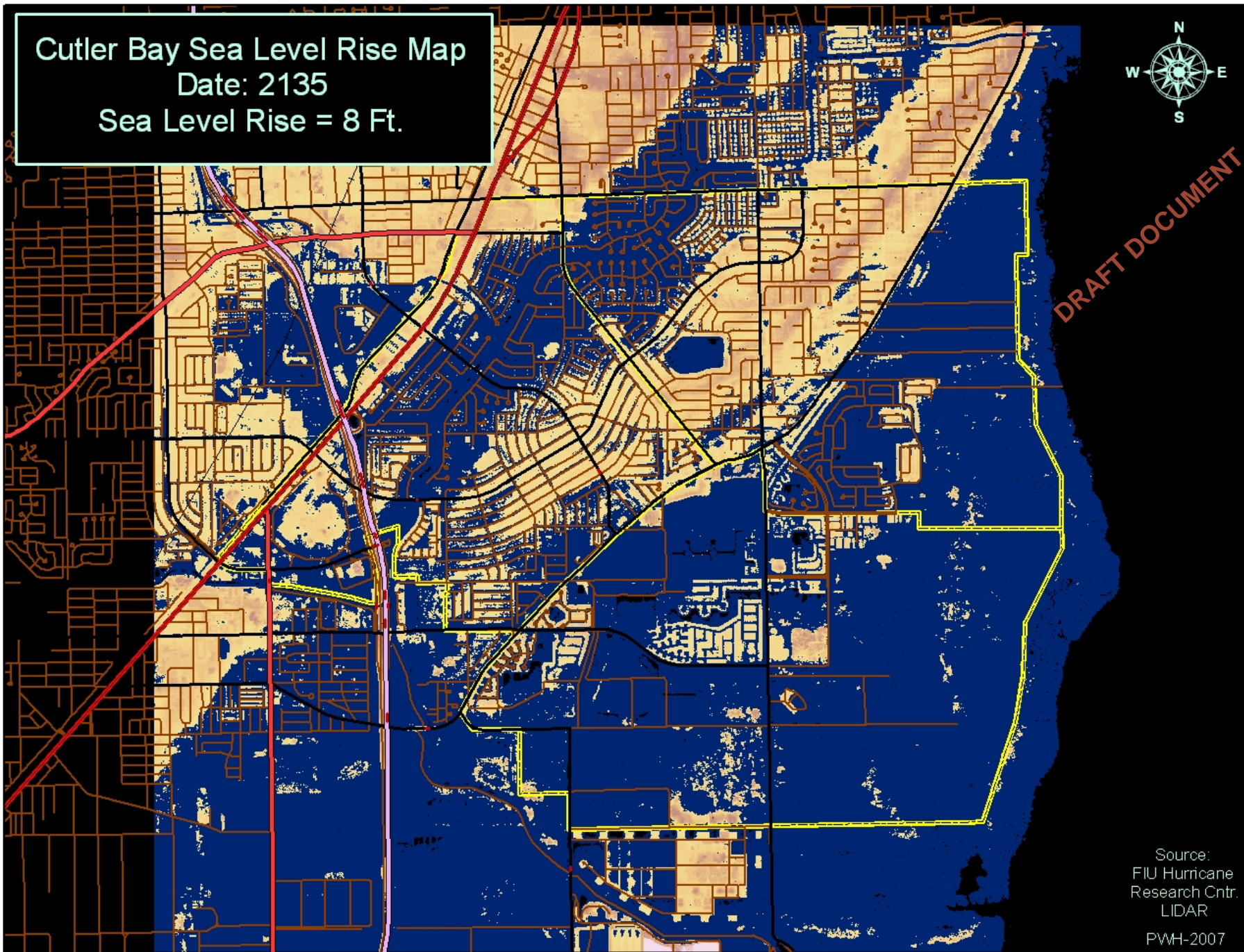
Source:
FIU Hurricane
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Cutler Bay Sea Level Rise Map
Date: 2135
Sea Level Rise = 8 Ft.



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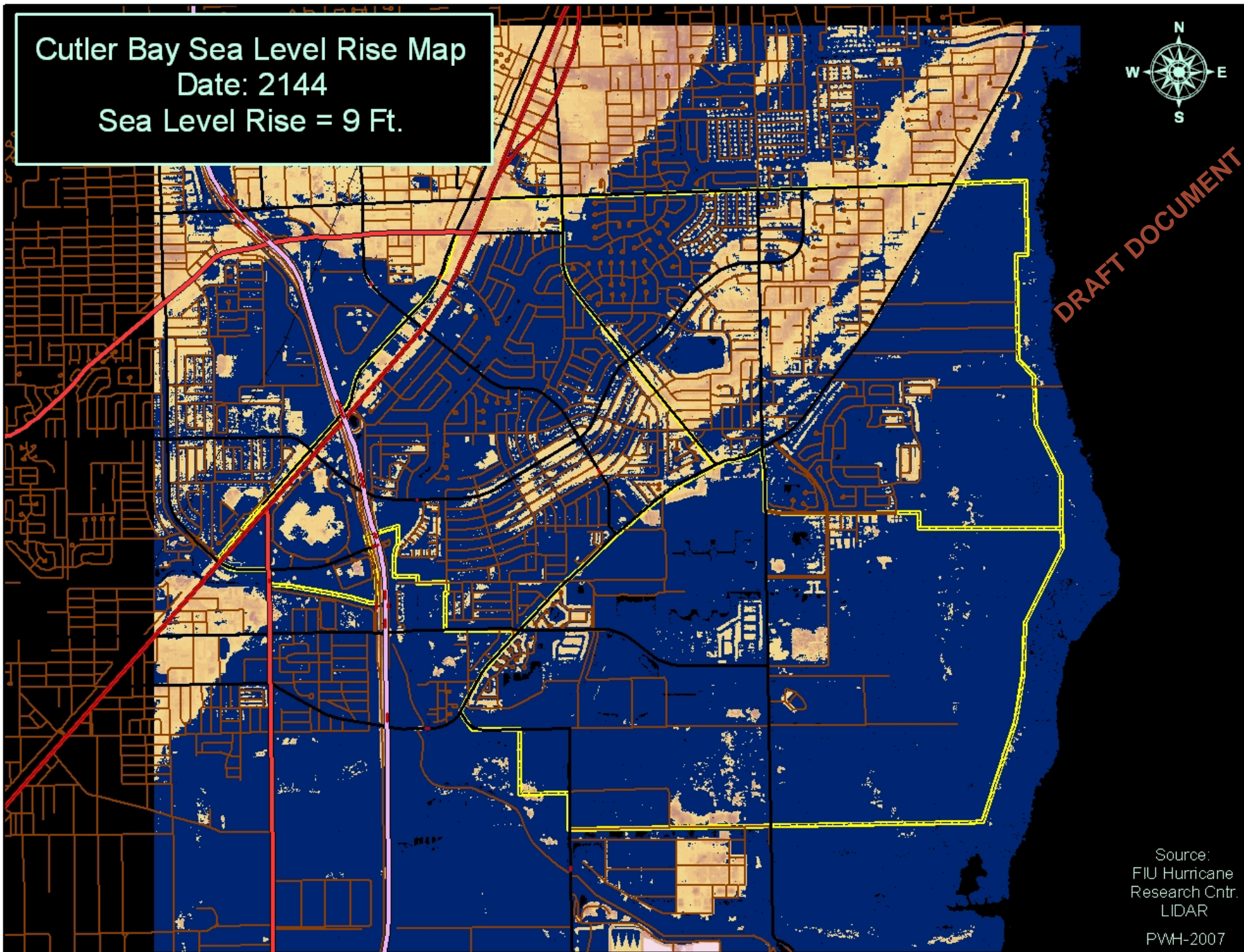


Source:
FIU Hurricane
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Cutler Bay Sea Level Rise Map
Date: 2144
Sea Level Rise = 9 Ft.



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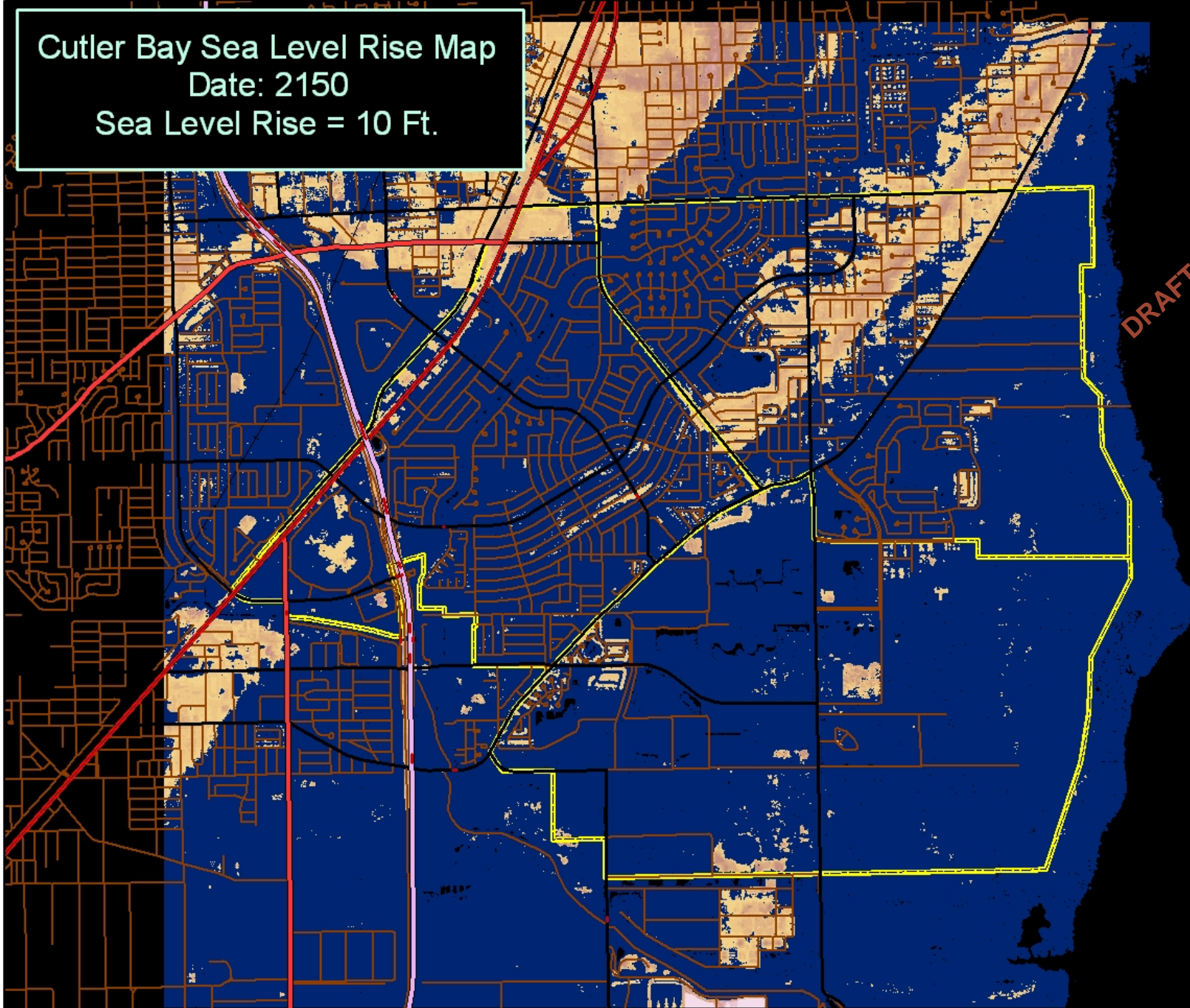


Source:
FIU Hurricane
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Cutler Bay Sea Level Rise Map
Date: 2150
Sea Level Rise = 10 Ft.



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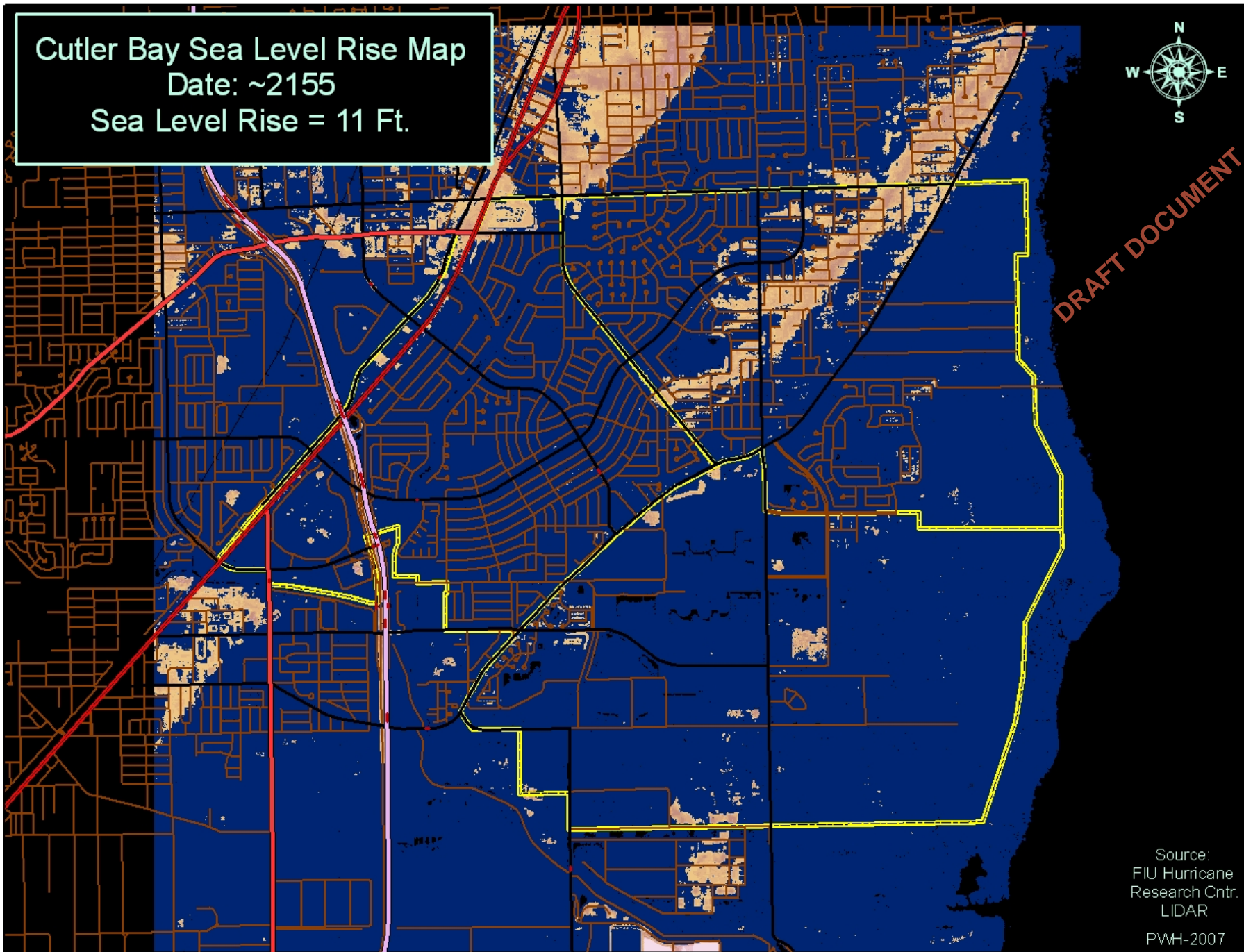


Source:
FIU Hurricane
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Cutler Bay Sea Level Rise Map
Date: ~2155
Sea Level Rise = 11 Ft.



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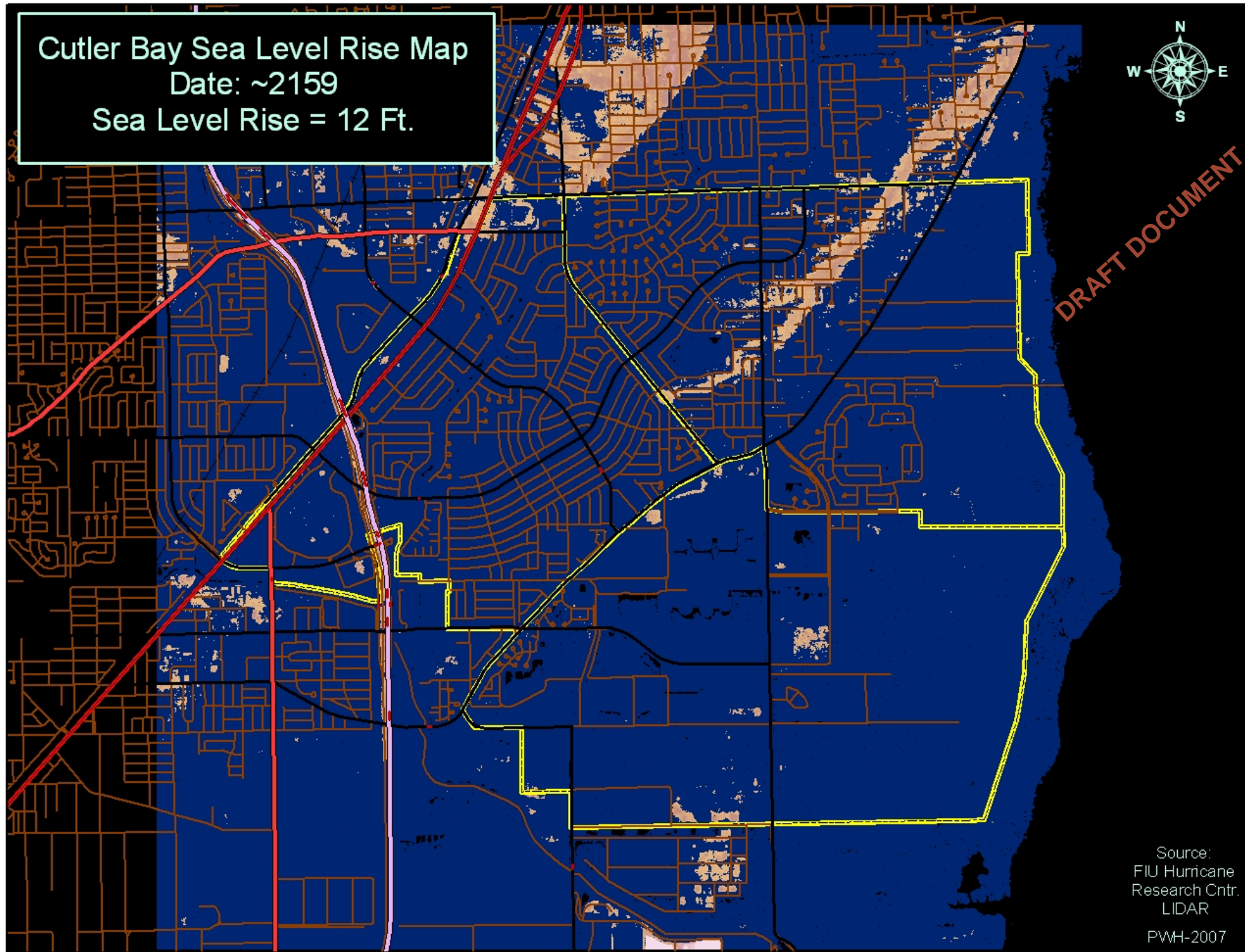


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Cutler Bay Sea Level Rise Map
Date: ~2159
Sea Level Rise = 12 Ft.



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THE
END?