

Sea Level Rise in Island County – Workshop Exercise

September 28, 2019

Island County Sea Level Rise Average Projections

RCP 4.5 Sea-level rise projections averaged for Island County in feet based on Miller et al projections.

| | Very Likely 95% probability) | Likely 50% probability) | Unlikely 1% probability) | Mid-Range 17 - 83% probability |
|-------------|------------------------------------|-------------------------------|--------------------------------|--------------------------------------|
| 2050 | 0.3 | 0.7 | 1.4 | 0.5 - 1.0 |
| 2070 | 0.5 | 1.1 | 2.4 | 0.7 - 1.5 |
| 2100 | 0.7 | 1.8 | 4.4 | 1.1-2.5 |

RCP 8.5 Sea-level Rise Projections Averaged for Island County in Feet based on Miller et al projections

| | Very Likely 95% probability) | Likely 50% probability) | Unlikely 1% probability) | Mid-Range 17 - 83% probability |
|-------------|------------------------------------|-----------------------------------|--------------------------------|--------------------------------------|
| 2050 | 0.3 | 0.8 | 1.5 | 0.5 - 1.0 |
| 2070 | 0.6 | 1.3 | 2.6 | 0.9 - 1.7 |
| 2100 | 1.0 | 2.2 | 5.0 | 1.5 - 3.0 |