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## Climate change adaptation framework – Table 1

For much of our work, focus on the projections for 2°C average global temperature increase and expect these conditions from a round 2035-2045. Under current emissions trends, we may expect 3°C average global temperature increase from 2065-2075 and 4°C potentially from around 2090. As our knowledge of climate change increases these timings may change.

Use the 10% and 90% probability levels to define range of expected change.

**Table 1. Projected climate change relevant to Greater Thames**

	Mean global temp increase	spring		summer		autumn		winter		Annual		
Temperature (°C)	2°C	1-1.5 – 2-2.5		0.5-1 – 3-3.5		1-1.5 – 2.5-3		1-1.5 – 2.5-3		1-1.5 – 2-2.5		
	3°C	1.5-2 – 3-3.5		1.5-2 – 4.5-5		2-2.5 – 4-4.5		1.5-2 – 3.5-4		1.5-2 – 3.5-4		
	4°C	1.5-2 – 4.5-5		2-2.5 – 5.5-6		2-2.5 – 5-5.5		1.5-2 – 4.5-5		2-2.5 – 4.5-5		
Precipitation (% (mm/day))	2°C	9-0 – 1-10		39-30 – 11-20		9-0 – 11-20		9-0 – 21-30		9-0 – 1-10		
	3°C	9-0 – 1-10		39-30 – 11-20		9-0 – 11-20		9-0 – 31-40		9-0 – 1-10		
	4°C	9-0 – 1-10		49-40 – 1-10		9-0 – 11-20		9-0 – 41-50		9-0 – 1-10		
Sea Level Rise for London (cm)*		2000	2010	2020	2030	2040	2050	2060	2070	2080	2090	2095
	Low	2.5	5.3	8.2	11.4	14.8	18.4	22.2	26.3	30.5	35.0	37.3
	Medium	3.0	6.2	9.7	13.5	17.5	21.8	26.3	31.2	36.3	41.6	44.4
	High	3.5	7.3	11.5	16.0	20.8	25.9	31.4	37.2	43.3	49.7	53.1

\*central estimates of relative sea level changes with respect to 1990 (cm). Only the central estimates of sea level rise are presented here.