

NOTES:

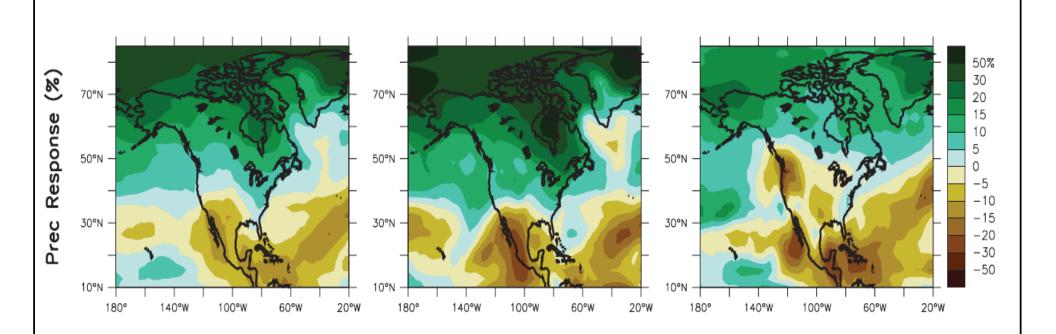
- 1) FIGURES WERE DEVELOPED BY AVERAGING THE RESULTS OF 21 DIFFERENT CLIMATE MODELS OPERATING UNDER THE A1B SCENARIO
- 2) SOURCE: CHRISTENSON ET AL. SEE REPORT REFERENCES SECTION

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Knight Piésold	P/A NO. NB102-181/11	REF NO.	
PREDICTED CHANGES TEMPERATURE FROM 1			
MARY RIVE	R PROJECT		
BAFFINLAND	IRON MINES		

0	14JAN'09	ISSUED WITH REPORT	KT	TJP	JGC
REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D

FIGURE 8.1

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NOTES:

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BAFFINLAND IRON MINES				
MARY RIVE	R PROJECT			
PREDICTED CHANGES IN NORTH AMERICAN PRECIPITATION FROM 1980-1999 TO 2080-2099				
Knight Piésold	P/A NO. NB102-181/11	REF NO. 8		

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FIGURE 8.2

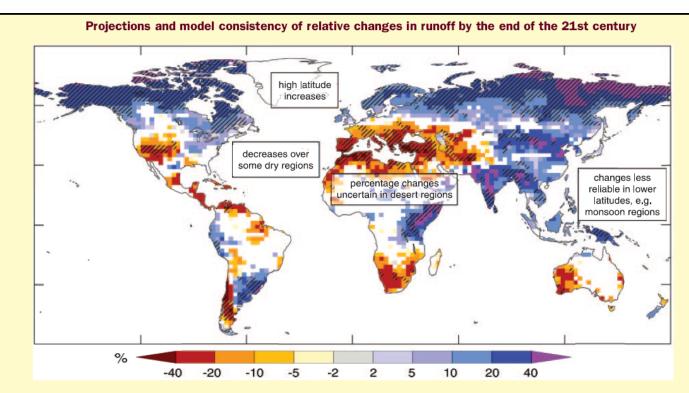


Figure 3.5. Large-scale relative changes in annual runoff (water availability, in percent) for the period 2090-2099, relative to 1980-1999. Values represent the median of 12 climate models using the SRES A1B scenario. White areas are where less than 66% of the 12 models agree on the sign of change and hatched areas are where more than 90% of models agree on the sign of change. The quality of the simulation of the observed large-scale 20^{th} century runoff is used as a basis for selecting the 12 models from the multi-model ensemble. The global map of annual runoff illustrates a large scale and is not intended to refer to smaller temporal and spatial scales. In areas where rainfall and runoff is very low (e.g. desert areas), small changes in runoff can lead to large percentage changes. In some regions, the sign of projected changes in runoff differs from recently observed trends. In some areas with projected increases in runoff, different seasonal effects are expected, such as increased wet season runoff and decreased dry season runoff. Studies using results from few climate models can be considerably different from the results presented here. {WGII Figure 3.4, adjusted to match the assumptions of Figure SYR 3.3; WGII 3.3.1, 3.4.1, 3.5.1}

NOTES:

- 1) FIGURES WERE DEVELOPED BY AVERAGING THE RESULTS OF 21 DIFFERENT CLIMATE MODELS OPERATING UNDER THE A1B SCENARIO
- 2) SOURCE: BERSTEIN ET AL. SEE REPORT REFERENCES SECTION

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