Climate model names, abbreviations, and references that describe the climate models, greenhouse-gas scenarios, and time periods used to generate the 30 raster datasets of mean-annual precipitation downscaled to an 800-meter grid that covers watersheds of New York State and Lake Champlain in Vermont, used by the Web application(1,2) that provides estimates of future peak flow magnitudes, and contained in the ESRI ArcCatalog Geodatabase file "rcp45_85pr_CompletePRECIPin.gdb"(3,4). Model_ID refers to MergeX in the gdb.

Model_ID	Mod_Name	Representative Concentration Pathways	Future Time Period	Abbreviation	Climate Model	Reference (5,6,7,8,9)
1	rcp45_pr_BNU_ESM_25_49	RCP 4.5	2025-49	BNU-ESM	Beijing Normal University Earth System Model	Ji and others, 2014
2	rcp45_pr_BNU_ESM_50_74	RCP 4.5	2050-74	BNU-ESM	Beijing Normal University Earth System Model	Ji and others, 2014
3	rcp45_pr_BNU_ESM_75_99	RCP 4.5	2075-99	BNU-ESM	Beijing Normal University Earth System Model	Ji and others, 2014
4	rcp45_pr_CESM1_BGC_25_49	RCP 4.5	2025-49	CESM1-BGC	Community Earth System Model with Biogeochemical Cycling Model, Version 1.0	Lindsay and others, 2014
5	rcp45_pr_CESM1_BGC_50_74	RCP 4.5	2050-74	CESM1-BGC	Community Earth System Model with Biogeochemical Cycling Model, Version 1.0	Lindsay and others, 2014
6	rcp45_pr_CESM1_BGC_75_99	RCP 4.5	2075-99	CESM1-BGC	Community Earth System Model with Biogeochemical Cycling Model, Version 1.0	Lindsay and others, 2014
7	rcp45_pr_CNRM_CM5_25_49	RCP 4.5	2025-49	CNRM-CM5	Centre National de Recherches Météorologique CNRM-CM5 Model 5	Voldoire and others, 2012
8	rcp45_pr_CNRM_CM5_50_74	RCP 4.5	2050-74	CNRM-CM5	Centre National de Recherches Météorologique CNRM-CM5 Model 5	Voldoire and others, 2012
9	rcp45_pr_CNRM_CM5_75_99	RCP 4.5	2075-99	CNRM-CM5	Centre National de Recherches Météorologique CNRM-CM5 Model 5	Voldoire and others, 2012
10	rcp45_pr_IPSL_CM5A_25_49	RCP 4.5	2025-49	IPSL-CM5A-LR	Institut Pierre Simon Laplace Climate Model 5A, Low-Resolution	Dufresne and others, 2013
11	rcp45_pr_IPSL_CM5A_50_74	RCP 4.5	2050-74	IPSL-CM5A-LR	Institut Pierre Simon Laplace Climate Model 5A, Low-Resolution	Dufresne and others, 2013
12	rcp45_pr_IPSL_CM5A_75_99	RCP 4.5	2075-99	IPSL-CM5A-LR	Institut Pierre Simon Laplace Climate Model 5A, Low-Resolution	Dufresne and others, 2013
13	rcp45_pr_NorESM1_M_25_49	RCP 4.5	2025-49	NorESM1-M	Norwegian Earth System Model, Intermediate Resolution	Bentsen and others, 2013
14	rcp45_pr_NorESM1_M_50_74	RCP 4.5	2050-74	NorESM1-M	Norwegian Earth System Model, Intermediate Resolution	Bentsen and others, 2013
15	rcp45_pr_NorESM1_M_75_99	RCP 4.5	2075-99	NorESM1-M	Norwegian Earth System Model, Intermediate Resolution	Bentsen and others, 2013
16	rcp85_pr_BNU_ESM_25_49	RCP 8.5	2025-49	BNU-ESM	Beijing Normal University Earth System Model	Ji and others, 2014
17	rcp85_pr_BNU_ESM_50_74	RCP 8.5	2050-74	BNU-ESM	Beijing Normal University Earth System Model	Ji and others, 2014
18	rcp85_pr_BNU_ESM_75_99	RCP 8.5	2075-99	BNU-ESM	Beijing Normal University Earth System Model	Ji and others, 2014
19	rcp85_pr_CESM1_BGC_25_49	RCP 8.5	2025-49	CESM1-BGC	Community Earth System Model with Biogeochemical Cycling Model, Version 1.0	Lindsay and others, 2014
20	rcp85_pr_CESM1_BGC_50_74	RCP 8.5	2050-74	CESM1-BGC	Community Earth System Model with Biogeochemical Cycling Model, Version 1.0	Lindsay and others, 2014
21	rcp85_pr_CESM1_BGC_75_99	RCP 8.5	2075-99	CESM1-BGC	Community Earth System Model with Biogeochemical Cycling Model, Version 1.0	Lindsay and others, 2014
22	rcp85_pr_CNRM_CM5_25_49	RCP 8.5	2025-49	CNRM-CM5	Centre National de Recherches Météorologique CNRM-CM5 Model 5	Voldoire and others, 2012
23	rcp85_pr_CNRM_CM5_50_74	RCP 8.5	2050-74	CNRM-CM5	Centre National de Recherches Météorologique CNRM-CM5 Model 5	Voldoire and others, 2012
24	rcp85_pr_CNRM_CM5_75_99	RCP 8.5	2075-99	CNRM-CM5	Centre National de Recherches Météorologique CNRM-CM5 Model 5	Voldoire and others, 2012
25	rcp85_pr_IPSL_CM5A_25_49	RCP 8.5	2025-49	IPSL-CM5A-LR	Institut Pierre Simon Laplace Climate Model 5A, Low-Resolution	Dufresne and others, 2013
26	rcp85_pr_IPSL_CM5A_50_74	RCP 8.5	2050-74	IPSL-CM5A-LR	Institut Pierre Simon Laplace Climate Model 5A, Low-Resolution	Dufresne and others, 2013
27	rcp85_pr_IPSL_CM5A_75_99	RCP 8.5	2075-99	IPSL-CM5A-LR	Institut Pierre Simon Laplace Climate Model 5A, Low-Resolution	Dufresne and others, 2013
28	rcp85_pr_NorESM1_M_25_49	RCP 8.5	2025-49	NorESM1-M	Norwegian Earth System Model, Intermediate Resolution	Bentsen and others, 2013
29	rcp85_pr_NorESM1_M_50_74	RCP 8.5	2050-74	NorESM1-M	Norwegian Earth System Model, Intermediate Resolution	Bentsen and others, 2013
30	rcp85_pr_NorESM1_M_75_99	RCP 8.5	2075-99	NorESM1-M	Norwegian Earth System Model, Intermediate Resolution	Bentsen and others, 2013

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(3) Created with ESRI ArcGIS version 10.3.1

(4) Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

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