**Spatial precipitation distribution**

-> Create precipitation distribution for 1985-2015 for all 32 models in two 4x4 panel figures

go multi\_view 4,4,0.2,0.04,0.02,0.2,0.04,0.03,,,,

let xxlen = ($ppl$xlen) ; let yylen = ($ppl$ylen)

let ctr = xxlen/2; let toplab = yylen+.068;

say xxlen, yylen, xxlen/yylen = `xxlen`, `yylen`, `xxlen/yylen`

set mode/last verify

ppl shaset reset

set view v11

USE pr\_INM\_INM-CM4-8\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,1,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 INM-CM4-8

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v12

USE pr\_FIO-QLNM\_FIO-ESM-2-0\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 FIO-ESM-2-0

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v13

USE pr\_BCC\_BCC-CSM2-MR\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 BCC-CSM2-MR

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v14

USE pr\_INM\_INM-CM5-0\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 INM-CM5-0

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v21

USE pr\_NCAR\_CESM2-WACCM\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,1,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 CESM2-WACCM

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v22

USE pr\_MIROC\_MIROC-ES2L\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 MIROC-ES2L

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v23

USE pr\_CNRM-CERFACS\_CNRM-ESM2-1\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 CNRM-ESM2-1

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v24

USE pr\_NUIST\_NESM3\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 NESM3

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v31

USE pr\_MIROC\_MIROC6\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,1,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 MIROC6

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v32

USE pr\_NCAR\_CESM2\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 CESM2

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v33

USE pr\_CNRM-CERFACS\_CNRM-CM6-1-HR\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 CNRM-CM6-1-HR

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v34

USE pr\_CNRM-CERFACS\_CNRM-CM6-1\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 CNRM-CM6-1

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v41

USE pr\_NCC\_NorESM2-MM\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,1,1,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 NorESM2-MM

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v42

USE pr\_NASA-GISS\_GISS-E2-1-G\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,1,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 GISS-E2-1-G

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v43

USE pr\_CAS\_FGOALS-f3-L\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,1,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 FGOALS-f3-L

go land\_detail 1,,1

ppl fill

ppl shaset reset

set view v44

USE pr\_NOAA-GFDL\_GFDL-CM4\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

SHADE/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,1,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 GFDL-CM4

go land\_detail 1,,1

ppl fill

go multi\_view 4,4,0.2,0.04,0.02,0.2,0.04,0.03,,,,

let xxlen = ($ppl$xlen) ; let yylen = ($ppl$ylen)

let ctr = xxlen/2; let toplab = yylen+.068;

say xxlen, yylen, xxlen/yylen = `xxlen`, `yylen`, `xxlen/yylen`

set mode/last verify

set view v11

SET DATA pr\_CSIRO\_ACCESS-ESM1-5\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,1,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 ACCESS-ESM1-5

go land\_detail 1,,1

set view v12

SET DATA pr\_AWI\_AWI-CM-1-1-MR\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 AWI-CM-1-1-MR

go land\_detail 1,,1

set view v13

SET DATA pr\_NOAA-GFDL\_GFDL-ESM4\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 GFDL-ESM4

go land\_detail 1,,1

set view v14

SET DATA pr\_IPSL\_IPSL-CM6A-LR\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 IPSL-CM6A-LR

go land\_detail 1,,1

set view v21

SET DATA pr\_EC-Earth-Consortium\_EC-Earth3-Veg\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,1,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 EC-Earth3-Veg

go land\_detail 1,,1

set view v22

SET DATA pr\_MOHC\_HadGEM3-GC31-LL\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 HadGEM3-GC31-LL

go land\_detail 1,,1

set view v23

SET DATA pr\_MPI-M\_MPI-ESM1-2-LR\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 MPI-ESM1-2-LR

go land\_detail 1,,1

set view v24

SET DATA pr\_NIMS-KMA\_KACE-1-0-G\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 KACE-1-0-G

go land\_detail 1,,1

set view v31

SET DATA pr\_EC-Earth-Consortium\_EC-Earth3\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,1,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 EC-Earth3

go land\_detail 1,,1

set view v32

SET DATA pr\_CAS\_FGOALS-g3\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 FGOALS-g3

go land\_detail 1,,1

set view v33

SET DATA pr\_MOHC\_UKESM1-0-LL\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 UKESM1-0-LL

go land\_detail 1,,1

set view v34

SET DATA pr\_CAMS\_CAMS-CSM1-0\_ssp585\_1850-2099\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,0,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 CAMS-CSM1-0

go land\_detail 1,,1

set view v41

SET DATA pr\_MRI\_MRI-ESM2-0\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,1,1,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 MRI-ESM2-0

go land\_detail 1,,1

set view v42

SET DATA pr\_CSIRO-ARCCSS\_ACCESS-CM2\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,1,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 ACCESS-CM2

go land\_detail 1,,1

set view v43

SET DATA pr\_CCCma\_CanESM5-CanOE\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,1,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 CanESM5-CanOE

go land\_detail 1,,1

set view v44

SET DATA pr\_CCCma\_CanESM5\_ssp585\_1850-2100\_mask\_India\_JJASmean.nc

CONTOUR/FILL/PALETTE=blues\_cmyk/NOKEY/LEVELS=(0,20,2)(inf)/NOLABEL/AXES=0,1,0,0 PR[L=135:165@AVE]\*86400

label/nou `ctr` `toplab` 0 0 .16 CanESM5

go land\_detail 1,,1