

source_id	variable_id	historical	ssp126	ssp245	ssp370	COLOR KEY
ACCESS-CM2	pr	3	3	3	3	
.	tasmax	3	3	3	3	odd issues - not fixed
.	tasmin	3	3	3	3	already have at least one (r1i1p1f1)
ACCESS-ESM1-5	pr	9	3	3	3	need to get one
.	tasmax	9	3	3	3	ES-DOC issues
.	tasmin	9	3	3	3	other issues known to us
AWI-CM-1-1-MR	pr	0	1	1	5	
.	tasmax	5	1	1	5	
.	tasmin	5	1	1	5	
AWI-ESM-1-1-LR	pr	1	0	0	0	
.	tasmax	1	0	0	0	
.	tasmin	1	0	0	0	
BCC-CSM2-MR	pr	3	1	1	1	
.	tasmax	3	1	1	1	
.	tasmin	3	1	1	1	
BCC-ESM1	pr	3	0	0	3	listed in both ScenarioMIP/AerChemMIP; ssp370 stops in 2055-12-31
.	tasmax	3	0	0	3	
.	tasmin	3	0	0	3	
CESM2	pr	10	5	4	4	historical, r4i1p1f1 has 2 extra days at end
.	tasmax	0	4	4	4	r4i1p1f1, r10i1p1f1, r11i1p1f1 only
.	tasmin	0	4	4	4	r4i1p1f1, r10i1p1f1, r11i1p1f1 only
CESM2-FV2	pr	3	0	0	0	
.	tasmax	0	0	0	0	
.	tasmin	0	0	0	0	
CESM2-WACCM	pr	3	1	5	3	only r1,r2 and r3 for historical,ssp585, only r1 for ssp126, r[1-5] for ssp245
.	tasmax	0	0	4	0	r[2-5]i1p1f1 only
.	tasmin	0	0	4	0	r[2-5]i1p1f1 only
CNRM-CM6-1	pr	30	1	1	3	r1i1p1f1 does not exist - r1i1p1f2 only
.	tasmax	30	1	1	3	r1i1p1f1 does not exist - r1i1p1f2 only
.	tasmin	30	1	1	3	r1i1p1f1 does not exist - r1i1p1f2 only
CNRM-CM6-1-HR	pr	1	1	0	0	r1i1p1f1 does not exist - r1i1p1f2 only
.	tasmax	1	1	0	0	r1i1p1f1 does not exist - r1i1p1f2 only
.	tasmin	1	1	0	0	r1i1p1f1 does not exist - r1i1p1f2 only
CNRM-ESM2-1	pr	11	1	1	3	r1i1p1f1 does not exist - r1i1p1f2 only
.	tasmax	11	1	1	3	r1i1p1f1 does not exist - r1i1p1f2 only
.	tasmin	11	1	1	3	r1i1p1f1 does not exist - r1i1p1f2 only
CanESM5	pr	50	50	50	50	
.	tasmax	50	50	50	50	
.	tasmin	50	50	50	50	
EC-Earth3	pr	73	7	22	7	
.	tasmax	73	7	22	7	
.	tasmin	73	7	22	7	
EC-Earth3-Veg	pr	6	4	5	4	
.	tasmax	6	4	5	4	
.	tasmin	6	4	5	4	
EC-Earth3-Veg-LR	pr	3	0	0	0	
.	tasmax	3	0	0	0	
.	tasmin	3	0	0	0	
FGOALS-f3-L	pr	3	0	0	0	downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk
.	tasmax	3	0	0	0	downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk
.	tasmin	3	0	0	0	downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk
FGOALS-g3	pr	5	1	4	5	downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk
.	tasmax	5	1	4	5	downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk
.	tasmin	5	1	4	5	downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk
GFDL-CM4	pr	1	0	1	0	ES-DOC medium issue
.	tasmax	1	0	1	0	ES-DOC medium issue
.	tasmin	1	0	1	0	ES-DOC medium issue
GFDL-ESM4	pr	1	1	1	1	
.	tasmax	1	1	1	1	
.	tasmin	1	1	1	1	
GISS-E2-1-G	pr	0	0	0	0	
.	tasmax	2	0	0	0	historical starts 1950-01-01, stops 2029-12-31
.	tasmin	2	0	0	0	historical starts 1950-01-01, stops 2029-12-31
HadGEM3-GC31-LL	pr	4	1	4	0	r[1-4]i1p1f3 only; ssp245 r4i1p1f3 has only 5 years
.	tasmax	4	1	4	0	r[1-4]i1p1f3 only
.	tasmin	4	1	4	0	r[1-4]i1p1f3 only
HadGEM3-GC31-MM	pr	4	1	0	0	r[1-4]i1p1f3 only
.	tasmax	4	1	0	0	r[1-4]i1p1f3 only
.	tasmin	4	1	0	0	r[1-4]i1p1f3 only
IITM-ESM	pr	1	0	0	0	http://esg-ccc.tropmet.res.in/thredds/fileServer/esg_dataroot4/historical/CMIP6/ invalid certificate - must download by hand?
.	tasmax	0	0	0	0	
.	tasmin	0	0	0	0	
INM-CM4-8	pr	1	1	1	1	
.	tasmax	1	1	1	1	
.	tasmin	1	1	1	1	
INM-CM5-0	pr	10	1	1	5	
.	tasmax	10	1	1	5	
.	tasmin	10	1	1	5	
IPSL-CM6A-LR	pr	32	6	11	11	
.	tasmax	32	6	11	11	
.	tasmin	32	6	11	11	
KACE-1-0-G	pr	3	3	3	3	
.	tasmax	3	3	3	3	
.	tasmin	3	3	3	3	
MIROC-ES2L	pr	10	3	1	1	no r1i1p1f1, use r1i1p1f2
.	tasmax	10	3	1	1	no r1i1p1f1, use r1i1p1f2
.	tasmin	10	3	1	1	no r1i1p1f1, use r1i1p1f2
MIROC6	pr	50	3	34	3	
.	tasmax	50	3	34	3	
.	tasmin	50	3	34	3	
MPI-ESM-1-2-HAM	pr	2	0	0	2	
.	tasmax	2	0	0	2	
.	tasmin	2	0	0	2	

MPI-ESM1-2-HR	pr	10	2	2	10		
.	tasmax	10	2	2	10		
.	tasmin	10	2	2	10		
MPI-ESM1-2-LR	pr	10	10	10	10		
.	tasmax	10	10	10	10		
.	tasmin	10	10	10	10		
MRI-ESM2-0	pr	6	1	5	5	r11p1f1 ssp126 stops 2300-12-31, r11p1f1 other ssp126 stops at 2100-12-31; all other ssp126 stop at 2030-12-31	
.	tasmax	6	1	5	5	r11p1f1 ssp126 stops 2300-12-31, r11p1f1 other ssp126 stops at 2100-12-31; all other ssp126 stop at 2030-12-31	
.	tasmin	6	1	5	5	r11p1f1 ssp126 stops 2300-12-31, r11p1f1 other ssp126 stops at 2100-12-31; all other ssp126 stop at 2030-12-31	
NESM3	pr	5	2	2	2	0 downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk	
.	tasmax	5	2	2	2	0 downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk	
.	tasmin	5	2	2	2	0 downloading trouble from esg.lasg.ac.cn - replica on esgf-data3.ceda.ac.uk	
NorCPM1	pr	30	0	0	0	0 all historical start 1950-01-01, stop 2029-12-31	
.	tasmax	30	0	0	0	0 all historical start 1950-01-01, stop 2029-12-31	
.	tasmin	30	0	0	0	0 all historical start 1950-01-01, stop 2029-12-31	
NorESM2-LM	pr	3	1	3	3	3 CAUTION: ssp126,r11p1f1: time concatenation resulted in duplicated times!!!	see explanation at end
.	tasmax	3	1	3	3	3 CAUTION: ssp126,r11p1f1: time concatenation resulted in duplicated times!!!	
.	tasmin	3	1	3	3	3 CAUTION: ssp126,r11p1f1: time concatenation resulted in duplicated times!!!	
NorESM2-MM	pr	1	1	1	1		
.	tasmax	1	1	1	1		
.	tasmin	1	1	1	1		
SAM0-UNICON	pr	1	0	0	0		
.	tasmax	1	0	0	0		
.	tasmin	1	0	0	0		
TaiESM1	pr	1	0	0	0		
.	tasmax	1	0	0	0		
.	tasmin	1	0	0	0		
UKESM1-0-LL	pr	16	5	5	11	no r11p1f1, only r[1-19]1p1f2	
.	tasmax	16	5	5	11	no r11p1f1, only r[1-19]1p1f2	
.	tasmin	16	5	5	11	no r11p1f1, only r[1-19]1p1f2	
TOTAL NUMBER OF datasets AVAILABLE @ESGF	pr	424	121	187	162		
	tasmax	411	119	186	159		
	tasmin	411	119	186	159		
		1237	359	553	477		2626
TOTAL NUMBER OF datasets AVAILABLE @GCS	pr	271	47	53	59		430
	tasmax	175	44	50	57		326
	tasmin	173	44	50	57		324
		619	135	153	173		1080
number of models@ESGF-CEDA with >=1 ensemble member	pr	41	29	29	28		127
	tasmax	38	28	29	27		122
	tasmin	38	28	29	27		122
number of models @ESGF-CEDA with 'r11p1f1'	pr	35	22	25	24		106
	tasmax	32	21	24	23		100
	tasmin	31	21	24	23		99
number of models @GCS, 'r11p1f1'	pr	34	22	25	24	his: 'IITM-ESM'	105
	tasmax	32	19	22	22	ssp126.245 ('FGOALS-g3', 'CESM2'),ssp370 ('CESM2')	95
	tasmin	31	19	22	22	historical ('FGOALS-f3-L'),ssp126.245 ('FGOALS-g3', 'CESM2'),ssp370 ('CESM2')	94
						NorESM2-LM There are multiple files, same version, but one ends on 12/30 and the other on 12/31	
						http://noresg.nird.sigma2.no/thredds/fileServer/esg_dataroot/cmor/CMIP6/ScenarioMIP/NCC/NorESM2-LM_ssp126_r11p1f1_day/pr/gn/v20191108/pr_day_NorESM2-LM_ssp126_r11p1f1_gn_20310101-20401230.nc	
						http://noresg.nird.sigma2.no/thredds/fileServer/esg_dataroot/cmor/CMIP6/ScenarioMIP/NCC/NorESM2-LM_ssp126_r11p1f1_day/pr/gn/v20191108/pr_day_NorESM2-LM_ssp126_r11p1f1_gn_20610101-20701231.nc	
						http://noresg.nird.sigma2.no/thredds/fileServer/esg_dataroot/cmor/CMIP6/ScenarioMIP/NCC/NorESM2-LM_ssp126_r11p1f1_day/pr/gn/v20191108/pr_day_NorESM2-LM_ssp126_r11p1f1_gn_20610101-20701231.nc	

