

1800 optimum model evaluation

models

ncep_10d	-19	-21	-17	-16	-23	-24	-17	-18	-17	-16	-15	-15	-6	-15	-15	-16	-16	-16	-22	-16	-18	-18	-21	-21	-33	-43	-14	-14	-15	-15	-16	-20	-20	-19	-16	-23	-23	-18	-18	-13	-16	-17	-35	-25	-17	-19	-73	-18	-16	-16	-15	-5	-6	-8	-11	-12	-14
JRA55_10d_akima_cubic	-36	-38	-33	-19	-78	-89	-25	-29	-28	-16	-16	-17	-3	-16	-16	-18	-17	-26	-65	-27	-39	-39	-50	-79	-147	-135	-16	-17	-17	-16	-18	-39	-53	-45	-26	-37	-32	-21	-21	-16	-36	-36	-105	-76	-32	-25	-42	-29	-20	-12	-41	-2	-7	-14	-22	-28	-36
interim_10d_akima_cubic	-23	-25	-19	-16	-40	-45	-18	-20	-19	-14	-14	-14	-4	-14	-14	-15	-15	-17	-31	-18	-21	-21	-26	-34	-56	-51	-14	-14	-15	-15	-16	-26	-27	-25	-17	-26	-25	-19	-18	-13	-23	-24	-50	-38	-22	-20	-18	-21	-13	-14	-26	-3	-6	-10	-16	-19	-23
CMIP5_MRI.CGCM3_r1i1p1	-21	-22	-18	-17	-20	-20	-18	-19	-18	-16	-15	-16	-4	-15	-15	-18	-17	-15	-17	-16	-18	-18	-20	-22	-27	-25	-14	-14	-17	-16	-18	-22	-18	-17	-16	-27	-26	-18	-12	-14	-15	-22	-23	-18	-23	-50	-12	-18	-16	-24	-3	-5	-10	-15	-18	-22	
CMIP5_inmcm4_r1i1p1	-20	-21	-18	-18	-19	-18	-18	-18	-18	-17	-18	-10	-18	-18	-18	-18	-17	-17	-17	-18	-19	-18	-17	-19	-18	-17	-17	-18	-17	-18	-20	-18	-18	-18	-24	-24	-20	-20	-16	-16	-17	-18	-20	-18	-20	-19	-18	-19	-19	-20	-9	-11	-13	-16	-17	-19	
CMIP5_CSIRO.Mk3.6.0_r1i1p1	-31	-32	-28	-18	-63	-70	-19	-22	-20	-16	-16	-16	-5	-16	-16	-17	-16	-24	-43	-25	-30	-30	-46	-68	-173	-35	-15	-15	-15	-15	-16	-34	-44	-43	-27	-33	-30	-21	-20	-16	-34	-34	-68	-76	-28	-14	-35	-92	-21	-18	-26	-4	-7	-11	-16	-19	-23
CMIP5_CMCC.CMS_r1i1p1	-20	-22	-17	-16	-21	-22	-16	-17	-16	-15	-15	-15	-4	-15	-15	-16	-16	-15	-17	-16	-18	-18	-19	-26	-26	-14	-14	-15	-14	-16	-19	-18	-18	-16	-24	-24	-18	-18	-12	-15	-16	-23	-22	-13	-19	-63	-17	-18	-17	-19	-3	-5	-9	-13	-15	-18	
CMIP5_CMCC.CM_r1i1p1	-19	-20	-16	-17	-17	-18	-17	-17	-17	-16	-15	-16	-7	-16	-16	-16	-16	-16	-16	-16	-16	-17	-17	-17	-19	-18	-15	-15	-16	-16	-17	-20	-17	-17	-16	-23	-23	-18	-18	-13	-15	-15	-18	-16	-16	-20	-28	-16	-17	-17	-20	-5	-7	-11	-14	-16	-19
CMIP5_CMCC.CESM_r1i1p1	-35	-37	-27	-25	-28	-29	-21	-23	-21	-21	-20	-21	-3	-21	-21	-27	-26	-19	-23	-19	-27	-28	-25	-25	-33	-39	-15	-15	-23	-16	-26	-28	-21	-22	-21	-43	-41	-26	-21	-12	-22	-23	-11	-34	-23	-28	-62	-22	-26	-24	-30	-2	-6	-11	-18	-22	-27
CMIP5_CESM1.BGC_r1i1p1	-21	-23	-17	-17	-20	-21	-17	-18	-17	-16	-15	-16	-2	-16	-16	-17	-16	-15	-17	-15	-18	-18	-19	-20	-26	-23	-14	-15	-16	-16	-17	-23	-16	-17	-16	-27	-27	-19	-19	-11	-12	-11	-22	-23	-18	-22	-45	-17	-19	-17	-23	-1	-4	-9	-14	-17	-21
CMIP5_CCSM4_r1i1p1	-22	-24	-18	-18	-21	-21	-18	-19	-18	-17	-16	-17	-1	-17	-17	-18	-17	-15	-17	-16	-19	-19	-20	-20	-27	-23	-15	-15	-16	-16	-18	-24	-17	-17	-17	-29	-20	-21	-12	-10	-13	-22	-24	-19	-24	-46	-18	-20	-19	-24	-1	-4	-8	-14	-18	-22	
CMIP5_BNU.ESM_r1i1p1	-40	-42	-31	-25	-36	-36	-21	-24	-23	-22	-21	-22	2	-22	-22	-30	-28	-19	-27	-20	-34	-33	-33	-36	-46	-48	-14	-14	-23	-15	-25	-34	-24	-24	-22	-51	-47	-27	-21	-7	-23	-25	-27	-48	-27	-33	-96	-24	-30	-25	-37	2	-3	-10	-19	-25	-32
CMIP5_bcc.csm1.1_r1i1p1	-28	-29	-24	-20	-32	-33	-18	-20	-19	-19	-18	-19	-3	-19	-18	-22	-21	-18	-25	-18	-26	-26	-29	-36	-51	-50	-14	-14	-19	-15	-20	-26	-25	-24	-20	-31	-28	-18	-12	-12	-22	-23	-28	-39	-23	-24	-103	-20	-23	-19	-30	-3	-7	-12	-18	-22	-27
CMIP5_bcc.csm1.1.m_r1i1p1	-23	-24	-19	-18	-27	-28	-18	-20	-19	-17	-16	-17	-3	-17	-17	-18	-17	-17	-23	-18	-21	-21	-23	-29	-40	-39	-15	-16	-17	-16	-18	-23	-22	-22	-18	-25	-25	-13	-17	-13	-18	-19	-30	-29	-20	-22	-94	-18	-20	-18	-26	-3	-6	-11	-16	-20	-24
CMIP5_ACCESS1.3_r1i1p1	-19	-20	-19	-18	-27	-28	-19	-20	-19	-17	-17	-17	-9	-17	-17	-18	-17	-18	-23	-18	-20	-20	-23	-26	-34	-37	-16	-17	-17	-17	-18	-25	-25	-23	-18	-20	-16	-18	-19	-16	-20	-20	-40	-28	-21	-20	-83	-20	-19	-18	-24	-6	-9	-13	-17	-19	-22
CMIP5_ACCESS1.0_r1i1p1	-19	-20	-18	-18	-24	-25	-18	-19	-18	-18	-17	-18	-8	-17	-17	-18	-17	-18	-21	-19	-20	-21	-23	-30	-30	-17	-17	-17	-17	-18	-23	-23	-21	-18	-16	-20	-19	-19	-16	-19	-19	-28	-25	-20	-66	-20	-19	-19	-22	-6	-9	-12	-16	-18	-21		
CMIP6Amon_NorESM2.LM_r1i1p1f1_historical	-21	-23	-17	-17	-25	-27	-17	-19	-18	-16	-15	-16	-3	-15	-15	-17	-16	-15	-24	-16	-19	-20	-22	-23	-30	-35	-14	-14	-16	-15	-17	-25	-20	-19	-12	-27	-26	-19	-19	-11	-17	-18	-32	-27	-19	-21	-85	-18	-19	-17	-23	-2	-4	-9	-14	-17	-21
CMIP6Amon_NorCPM1_r1i1p1f1_historical	-21	-23	-18	-18	-20	-20	-17	-17	-17	-16	-16	-16	-4	-16	-16	-18	-18	-15	-17	-15	-18	-19	-19	-19	-22	-22	-14	-14	-16	-15	-18	-22	-15	-13	-15	-28	-28	-19	-19	-11	-14	-15	-18	-23	-18	-22	-38	-17	-19	-17	-22	-3	-5	-9	-14	-17	-21
CMIP5_NorESM1.M_r1i1p1	-21	-22	-18	-18	-19	-20	-17	-17	-17	-16	-16	-16	-4	-16	-16	-18	-17	-15	-16	-15	-18	-18	-18	-18	-22	-21	-14	-14	-16	-15	-17	-21	-13	-15	-15	-27	-27	-19	-19	-11	-14	-14	-18	-22	-18	-22	-36	-17	-19	-18	-21	-3	-5	-9	-14	-16	-19
CMIP5_MPI.ESM.LR_r1i1p1	-21	-22	-18	-17	-21	-22	-16	-17	-17	-17	-16	-17	-6	-17	-17	-17	-17	-16	-17	-16	-18	-18	-19	-19	-26	-26	-14	-15	-15	-15	-17	-15	-18	-18	-17	-24	-25	-18	-18	-13	-16	-17	-24	-23	-16	-20	-55	-17	-19	-18	-20	-5	-7	-10	-14	-16	-18
CMIP6Amon_MIROC6_r1i1p1f1_historical	-43	-46	-43	-19	-109	-124	-27	-33	-31	-16	-16	-16	-3	-16	-16	-19	-18	-30	-114	-31	-51	-48	-66	-122	-42	-28	-16	-16	-13	-13	-11	-51	-76	-68	-31	-45	-40	-24	-23	-17	-59	-54	-182	-174	-40	-23	-63	-44	-25	-19	-42	-2	-6	-13	-22	-27	-35
CMIP6Amon_MIROC.ES2L_r1i1p1f2_historical	-54	-55	-44	-26	-77	-83	-25	-30	-28	-23	-22	-23	0	-23	-23	-30	-28	-27	-65	-28	-46	-47	-60	-84	-146	-163	-15	-16	-20	-9	-22	-46	-56	-52	-32	-62	-57	-31	-23	-14	-49	-44	-94	-104	-38	-33	-36	-35	-32	-27	-48	0	-6	-14	-25	-32	-41
CMIP5_MIROC5_r1i1p1	-45	-47	-47	-19	-110	-123	-31	-37	-35	-16	-16	-17	-1	-16	-16	-19	-18	-31	-119	-33	-50	-48	-76	-110	-25	-16	-17	-10	-13	-14	-57	-82	-63	-30	-47	-44	-25	-24	-18	-62	-57	-20	-81	-20	-43	-23	-64	-52	-21	-41	-1	-5	-12	-21	-26	-34	
CMIP5_MIROC.ESM.CHEM_r1i1p1	-38	-41	-34	-22	-55	-58	-20	-22	-21	-19	-19	-20	0	-20	-19	-26	-25	-21	-35	-22	-33	-33	-43	-53	-104	-114	-10	-9	-18	-14	-21	-33	-39	-37	-26	-52	-48	-27	-21	-12	-33	-32	-47	-73	-29	-28	-23	-62	-27	-22	-32	0	-4	-10	-17	-22	-28
CMIP5_MIROC.ESM_r1i1p1	-37	-40	-33	-21	-55	-60	-19	-22	-20	-19	-18	-19	1	-19	-19	-25	-23	-21	-37	-22	-33	-32	-40	-56	-107	-104	-9	-11	-18	-14	-20	-34	-40	-37	-26	-46	-44	-26	-21	-12	-32	-33	-46	-70	-28	-26	-24	-27	-22	-33	1	-3	-10	-17	-22	-29	
CMIP6Amon_IPSL.CM6A.LR_r1i1p1f1_historical	-20	-22	-17	-18	-18	-19	-17	-17	-17	-17	-17	-17	-4	-17	-17	-17	-17	-16	-16	-16	-18	-18	-17	-16	-20	-14	-15	-16	-16	-16	-18	-21	-18	-18	-17	-24	-25	-21	-21	-13	-14	-15	-18	-21	-18	-21	-31	-18	-20	-19	-20	-4	-6	-10	-14	-16	-19
CMIP5_IPSL.CM5B.LR_r1i1p1	-21	-22	-17	-18	-19	-19	-17	-18	-17	-16	-16	-17	-6	-16	-16	-18	-18	-16	-16	-16	-18	-18	-17	-15	-15	-18	-15	-15	-17	-16	-18	-21	-17	-17	-16	-25	-26	-19	-19	-13	-15	-16	-17	-21	-18	-21	-31	-17	-19	-18	-21	-5	-7	-11	-15	-17	-20
CMIP5_IPSL.CM5A.LR_r1i1p1	-23	-25	-19	-20	-22	-23	-18	-18	-18	-18	-18	-18	-2	-18	-18	-20	-19	-17	-17	-17	-19	-20	-16	-12	-20	-15	-15	-18	-16	-20	-23	-20	-20	-18	-28	-29	-22	-13	-16	-18	-21	-26	-20	-23	-48	-20	-22	-21	-23	-2	-5	-10	-15	-18	-21		
CMIP5_IPSL.CM5A.MR_r1i1p1	-21	-23	-17	-18	-21	-21	-16	-17	-17	-16	-17	-16	-3	-16	-17	-17	-17	-16	-17	-16	-18	-18	-13	-15	-22	-20	-14	-15	-16	-16	-18	-21	-19	-18	-17	-25	-25	-19	-19	-13	-15	-16	-21	-23	-18	-21	-48	-18	-20	-19	-21	-3	-5	-9	-14	-16	-19
CMIP6Amon_GFDL.ESM4_r1i1p1f1_historical	-28	-32	-42	-25	-67	-73	-17	-18	-18	-16	-16	-16	-4	-42	-39	-44	-36	-28	-33																																						