

Comparison 0

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v20190903 (195101-200012)

E3 File: GISS-E3-G historical r1i1p1f1 gn v20190903 (195101-200012)

GISS-E2 GISS-E3 Percent Difference (%) Test (within 10%)

Statistic (for tasmax)

Mean	279.467	279.323	0.052	PASS
Median	284.431	284.380	0.018	PASS
Minimum	179.312	186.345	3.774	PASS
Maximum	333.788	323.274	3.252	PASS
Standard Deviation	84.569	24.985	238.471	FAIL

Comparison 1

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v20190903 (200001-201412)

E3 File: GISS-E3-G historical r1i1p1f1 gr v20220727 (200001-201412)

GISS-E2 GISS-E3 Percent Difference (%) Test (within 10%)

Statistic (for tasmax)

Mean	279.467	280.393	0.330	PASS
Median	284.431	285.186	0.265	PASS
Minimum	179.312	209.980	14.605	FAIL
Maximum	333.788	323.378	3.219	PASS
Standard Deviation	84.569	24.514	244.983	FAIL

Comparison 2

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v12345 (190101-195012)

E3 File: GISS-E3-G historical r1i1p1f1 gn v20190903 (190101-195012)

GISS-E2 GISS-E3 Percent Difference (%) Test (within 10%)

Statistic (for tas)

Mean	277.515	277.247	0.097	PASS
Median	282.470	282.349	0.043	PASS
Minimum	178.641	185.168	3.525	PASS
Maximum	320.224	317.124	0.977	PASS
Standard Deviation	84.569	24.627	243.397	FAIL

Comparison 3

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v12345 (19630101-19631231)

E3 File: GISS-E3-G historical r1i1p1f1 gn v12345 (19630101-19631231)

GISS-E2 GISS-E3 Percent Difference (%) Test (within 10%)

Statistic (for tas)

Mean	277.515	277.395	0.043	PASS
Median	282.470	282.178	0.103	PASS
Minimum	178.641	202.468	11.769	FAIL
Maximum	320.224	315.661	1.445	PASS
Standard Deviation	84.569	20.623	310.077	FAIL

Comparison 4

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v12345 (195001-199912)

E3 File: GISS-E3-G historical r1i1p1f1 gr v20220727 (195001-199912)

GISS-E2 GISS-E3 Percent Difference (%) Test (within 10%)

Statistic (for tas)

Mean	277.515	277.566	0.018	PASS
Median	282.470	282.331	0.049	PASS
Minimum	178.641	207.487	13.903	FAIL
Maximum	320.224	314.473	1.829	PASS
Standard Deviation	84.569	19.900	324.977	FAIL

Comparison 5

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v20190903 (185001-190012)

E3 File: GISS-E3-G historical r1i1p1f1 gn v20190903 (185001-190012)

GISS-E2 GISS-E3 Percent Difference (%) Test (within 10%)

Statistic (for tasmin)

Mean	275.161	275.051	0.040	PASS
Median	280.111	280.010	0.036	PASS
Minimum	175.635	182.648	3.840	PASS
Maximum	314.946	312.158	0.893	PASS
Standard Deviation	68.181	24.581	177.374	FAIL

Comparison 6

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v20190903 (200001-201412)

E3 File: GISS-E3-G historical r1i1p1f1 gr v20220727 (200001-201412)

GISS-E2 GISS-E3 Percent Difference (%) Test (within 10%)

Statistic (for tasmin)

Mean	275.161	276.393	0.446	PASS
Median	280.111	280.556	0.159	PASS
Minimum	175.635	205.918	14.706	FAIL
Maximum	314.946	308.401	2.122	PASS
Standard Deviation	68.181	23.434	190.956	FAIL

Percent Difference between Various Runs

	Comparison 0	Comparison 1	Comparison 2	Comparison 3	Comparison 4	Comparison 5	Comparison 6
Statistic (for tasmin)							
Mean	0.052	0.330	0.097	0.043	0.018	0.040	0.446
Median	0.018	0.265	0.043	0.103	0.049	0.036	0.159
Minimum	3.774	14.605	3.525	11.769	13.903	3.840	14.706
Maximum	3.252	3.219	0.977	1.445	1.829	0.893	2.122
Standard Deviation	238.471	244.983	243.397	310.077	324.977	177.374	190.956

Key:

Comparison 0

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E3 File: GISS-E3-G historical r1i1p1f1 gn v20190903 (195101-200012)

Comparison 1

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v20190903 (200001-201412)

E3 File: GISS-E3-G historical r1i1p1f1 gr v20220727 (200001-201412)

Comparison 2

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v12345 (190101-195012)

E3 File: GISS-E3-G historical r1i1p1f1 gn v20190903 (190101-195012)

Comparison 3

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v12345 (19630101-19631231)

E3 File: GISS-E3-G historical r1i1p1f1 gn v12345 (19630101-19631231)

Comparison 4

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v12345 (195001-199912)

E3 File: GISS-E3-G historical r1i1p1f1 gr v20220727 (195001-199912)

Comparison 5

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v20190903 (185001-190012)

E3 File: GISS-E3-G historical r1i1p1f1 gn v20190903 (185001-190012)

Comparison 6

E2 File: GISS-E2-1-G historical r1i1p1f2 gn v20190903 (200001-201412)

E3 File: GISS-E3-G historical r1i1p1f1 gr v20220727 (200001-201412)