

<b>Mechanism</b>	<b>Run</b>	<b>Difference in O3 Mixing Ratios</b>	<b>Maximum O3 Speciation</b>	<b>Least O3 Speciation</b>
MCM	All Sectors	11.35	EMEP	GR05
MCM	Mean NO Source All Sectors	11.35	EMEP	GR05
MCM	Mean NO Source Solvents Only	15.57	EMEP	GR05
MCM	Solvents Only	15.57	EMEP	GR05
MOZART	All Sectors	20.71	EMEP	GR05
MOZART	Mean NO Source All Sectors	23.67	EMEP	GR05
MOZART	Mean NO Source Solvents Only	11.44	IPCC	UK08
MOZART	Solvents Only	10.61	IPCC	UK08
RADM2	All Sectors	21.12	IPCC	GR05
RADM2	Mean NO Source All Sectors	29.81	IPCC	EMEP
RADM2	Mean NO Source Solvents Only	22.47	IPCC	UK08
RADM2	Solvents Only	16.40	IPCC	UK98

Table 1: **Second Day Differences in O3 mixing ratios between speciations**

Speciation	Run	Difference in O3 Mixing Ratios	Maximum O3 Mechanism	Least O3 Mechanism
DE94	All Sectors	9.12	RADM2	MOZART
DE94	Mean NO Source All Sectors	9.20	RADM2	MOZART
DE94	Mean NO Source Solvents Only	9.85	MCM	RADM2
DE94	Solvents Only	5.81	MCM	RADM2
EMEP	All Sectors	9.37	MOZART	RADM2
EMEP	Mean NO Source All Sectors	16.54	MOZART	RADM2
EMEP	Mean NO Source Solvents Only	9.90	MCM	MOZART
EMEP	Solvents Only	10.40	MCM	MOZART
GR05	All Sectors	8.12	RADM2	MOZART
GR05	Mean NO Source All Sectors	8.29	RADM2	MOZART
GR05	Mean NO Source Solvents Only	3.06	MOZART	MCM
GR05	Solvents Only	2.79	MOZART	MCM
GR95	All Sectors	12.31	RADM2	MOZART
GR95	Mean NO Source All Sectors	13.86	RADM2	MOZART
GR95	Mean NO Source Solvents Only	6.60	RADM2	MCM
GR95	Solvents Only	2.71	MOZART	MCM
IPCC	All Sectors	17.82	RADM2	MCM
IPCC	Mean NO Source All Sectors	24.14	RADM2	MCM
IPCC	Mean NO Source Solvents Only	6.54	RADM2	MOZART
IPCC	Solvents Only	3.83	RADM2	MOZART
TNO	All Sectors	9.12	RADM2	MOZART
TNO	Mean NO Source All Sectors	9.20	RADM2	MOZART
TNO	Mean NO Source Solvents Only	3.08	MCM	MOZART
TNO	Solvents Only	4.54	MCM	RADM2
UK08	All Sectors	8.80	RADM2	MCM
UK08	Mean NO Source All Sectors	10.39	RADM2	MOZART
UK08	Mean NO Source Solvents Only	9.20	MCM	RADM2
UK08	Solvents Only	4.60	MCM	RADM2
UK98	All Sectors	9.12	RADM2	MOZART
UK98	Mean NO Source All Sectors	9.20	RADM2	MOZART
UK98	Mean NO Source Solvents Only	9.48	MCM	RADM2
UK98	Solvents Only	8.98	MCM	RADM2

Table 2: **Second Day Differences in O3 mixing ratios between mechanisms**