FairmodePlanning Visualization Tool

JRC, ex-JRC, UnivStrb

Format FairmodePlanning input

"Model_CntrReg_YEARmm_SCENnn.nc" - netCDF file

Model = model name
CntrReg = Country/Region name
YEAR = year of simulation
mm = month number (01,02,…,12), or 00 for full year
nn = scenario number (see below)

Example: "CHIM_UPRHINE_200501_SCEN00.nc"

Model = CHIMERE
Region = UPRHINE
Year = 2005
Month = January
Scen = 00 (ie BaseCase)

Species: NO2, O3max8hr, PM10, PM25
Geo: lon, lat

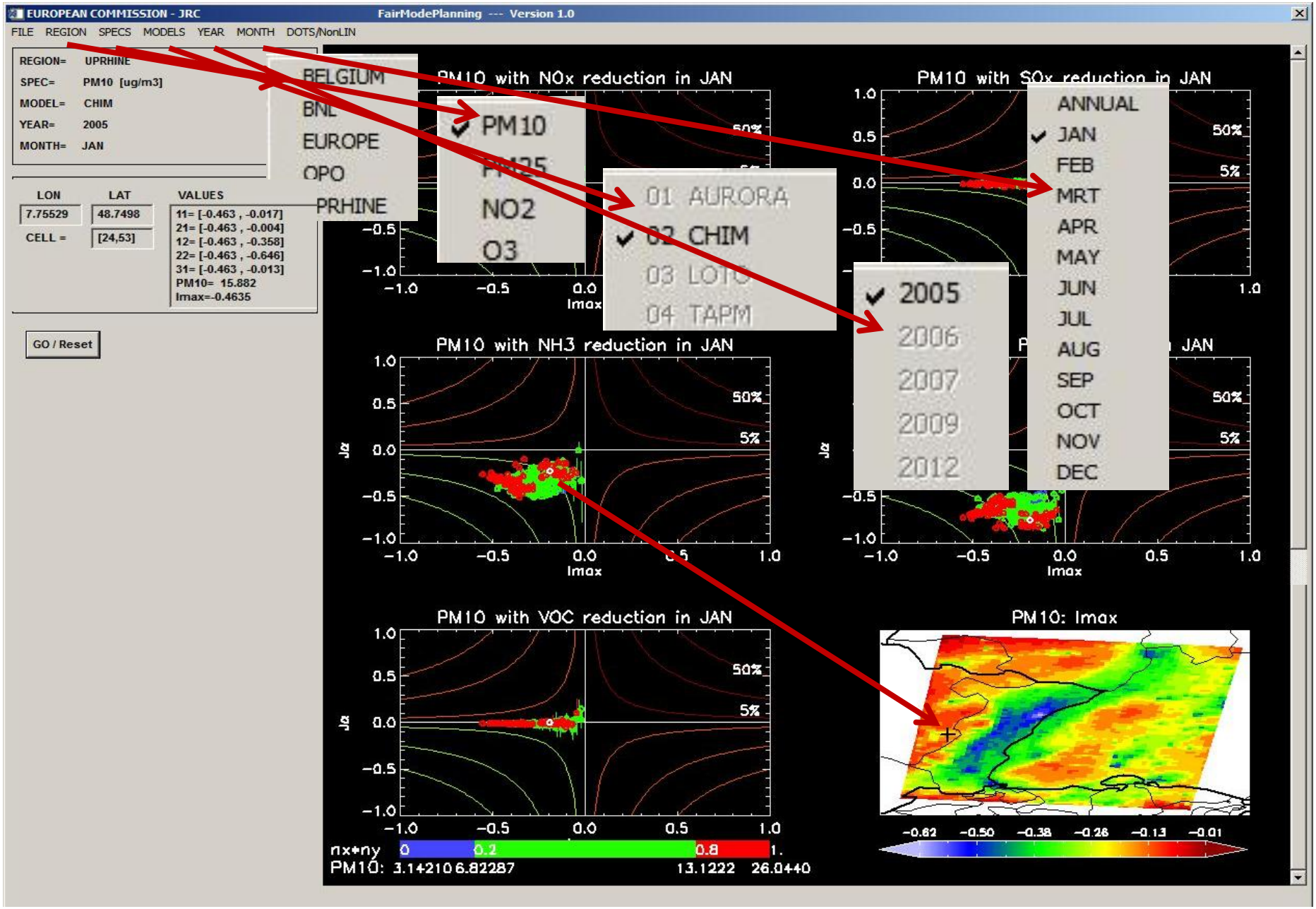
Overview of Scenarios (BaseCase and 12 emission reductions)

SCEN00:	Basecase
SCEN01:	Emissions NO_X - 20% (i.e. - 20% de NO NO2 HONO)
SCEN02:	Emissions SO_X - 20% (i.e. - 20% de SO2 H2SO4_fine)
SCEN03:	Emissions NH_3 - 20% (i.e. - 20% de NH3)
SCEN04:	Emissions PPM - 20% (i.e. - 20% de PPM)
SCEN05:	Emissions VOC - 20% (i.e. - 20% de CH4 TOL TMB ….
SCEN06:	All Emissions - 20%
SCEN07:	Emissions NO_X - 50%
SCEN08:	Emissions SO_X - 50%
SCEN09:	Emissions NH_3 - 50%
SCEN10:	Emissions PPM - 50%
SCEN11:	Emissions VOC - 50%
SCEN12:	All Emissions - 50%

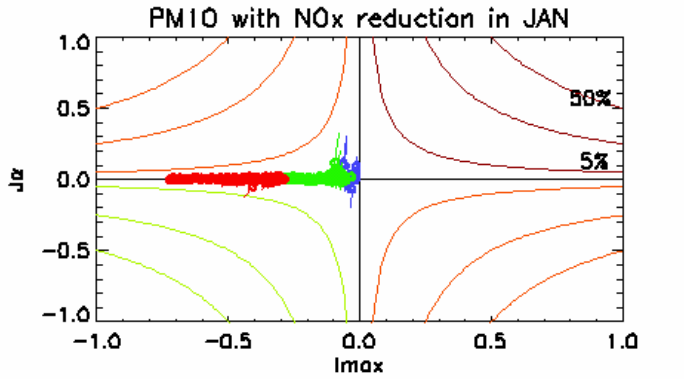
Overview Figures

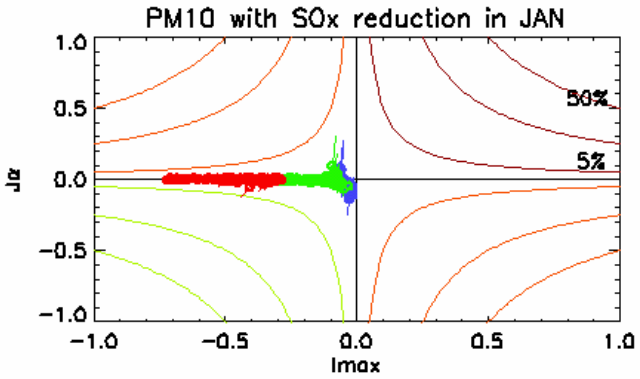
Region	Species	Model	Year	Month	Slide nr
OPO	PM10	TAPM	2012	Jan	6
OPO	PM10	TAPM	2012	Jul	7
OPO	PM10	TAPM	2012	Year	8
OPO	O3max8hr	TAPM	2012	Jan	9
OPO	O3max8hr	TAPM	2012	Jul	10
OPO	O3max8hr	TAPM	2012	Year	11
BELGIUM	PM10	AURORA	2009	Jan	12
BELGIUM	O3max8hr	AURORA	2009	Jan	13
BNL	PM10	LOTO	2012	Jan	14
BNL	PM10	LOTO	2012	Jul	15
BNL	O3max8hr	LOTO	2012	Jan	16
BNL	O3max8hr	LOTO	2012	Jul	17
UPRHINE	PM10	CHIM	2005	Jan	18
UPRHINE	PM10	CHIM	2005	Jul	19
UPRHINE	O3max8hr	CHIM	2005	Jan	20
UPRHINE	O3max8hr	CHIM	2005	Jul	21
EUROPE	PM10	CHIM	2006	Jan	22
EUROPE	PM10	CHIM	2006	Jul	23
EUROPE	O3max8hr	CHIM	2006	Jan	24
EUROPE	O3max8hr	CHIM	2006	Jul	25

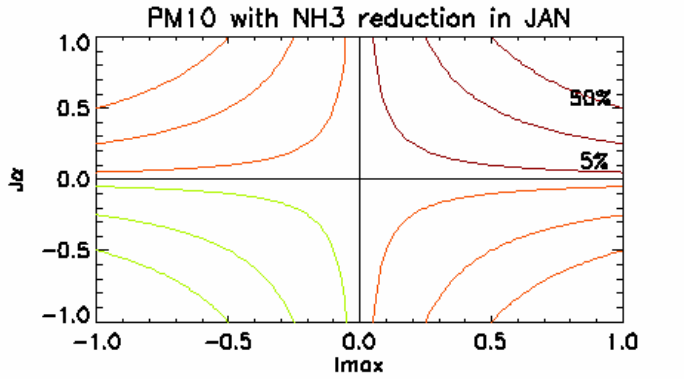
FairmodePlanning Tool

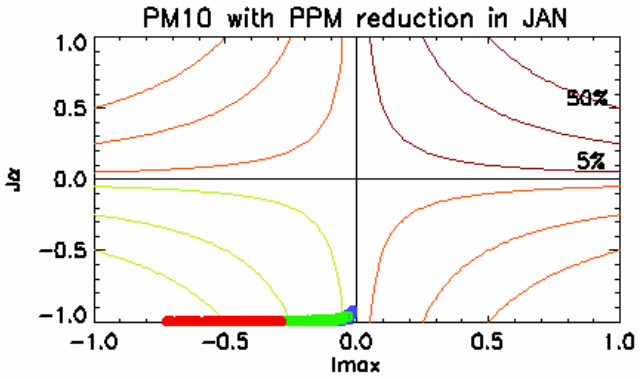


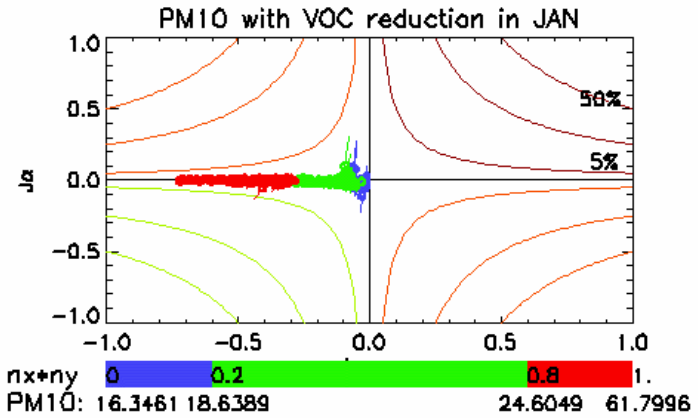
PM10 -- OPO TAPM JAN 2012

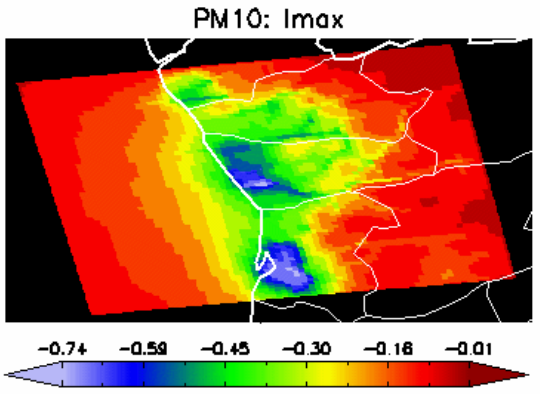




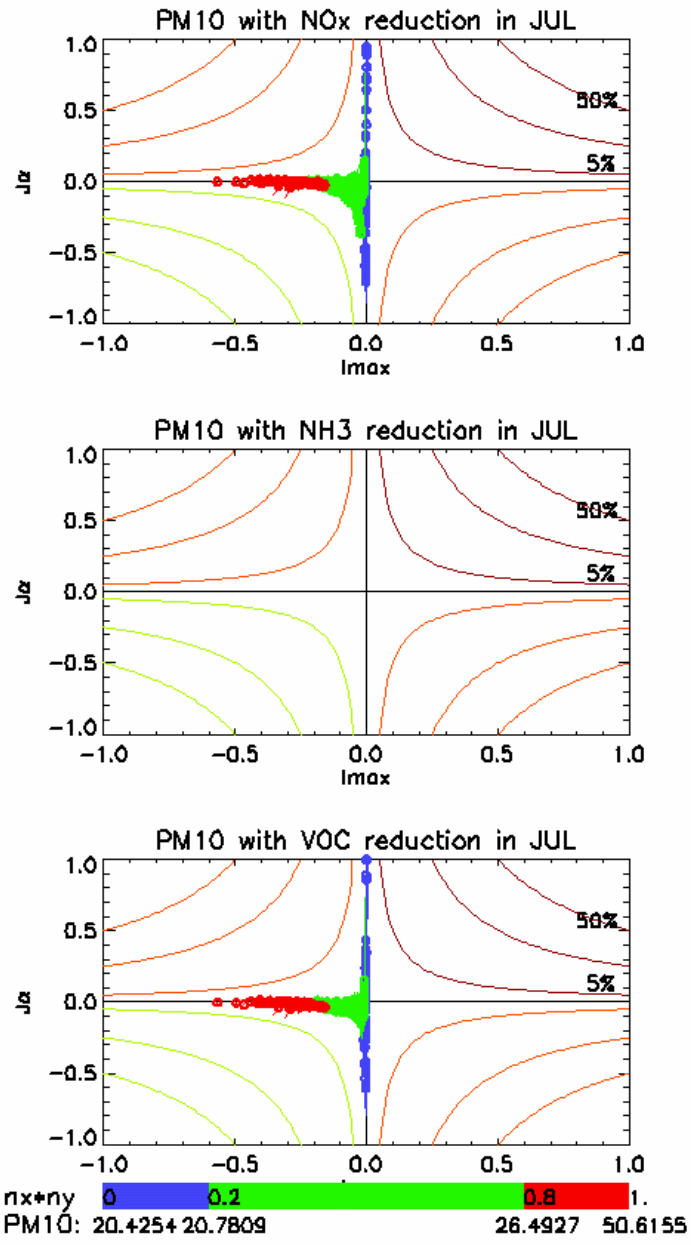


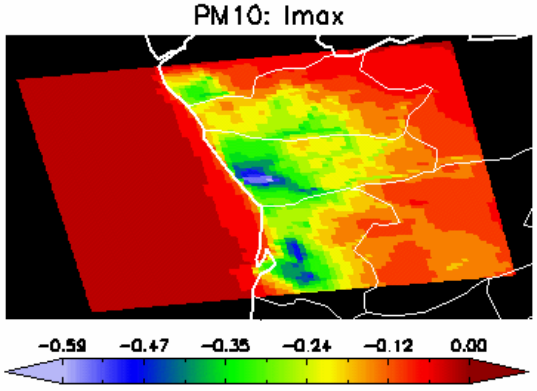






PM10 -- OPO TAPM JUL 2012





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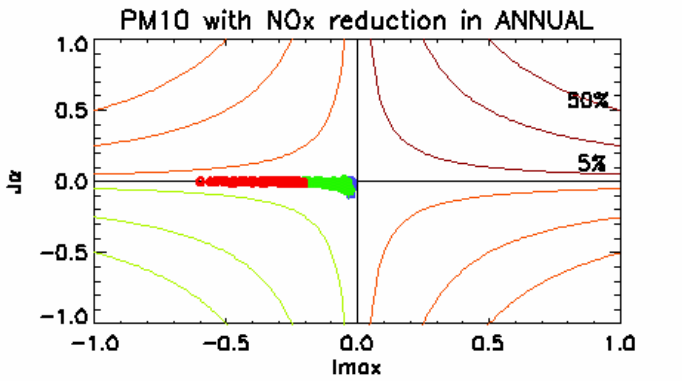
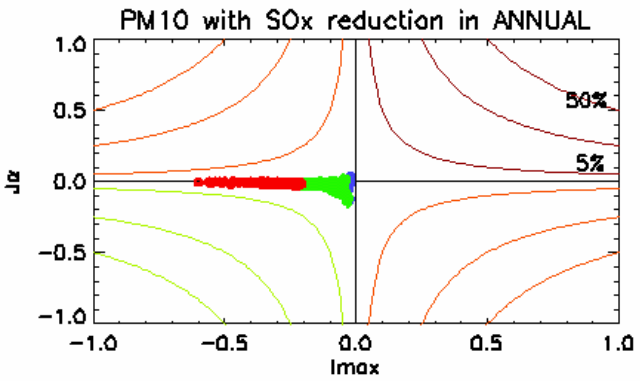
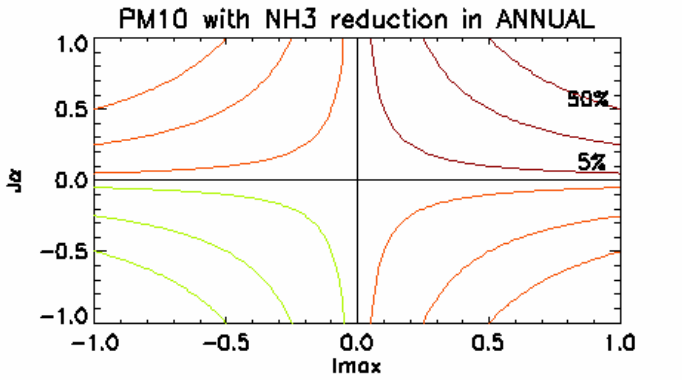
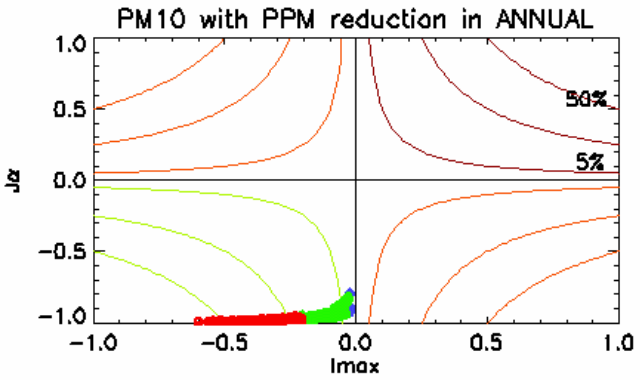
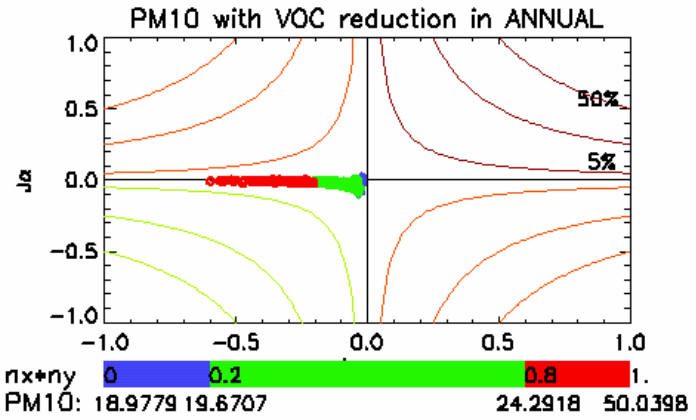
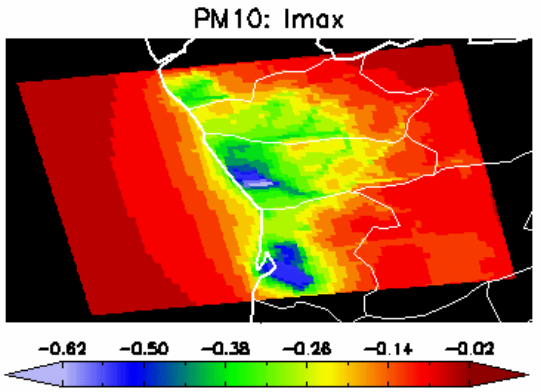




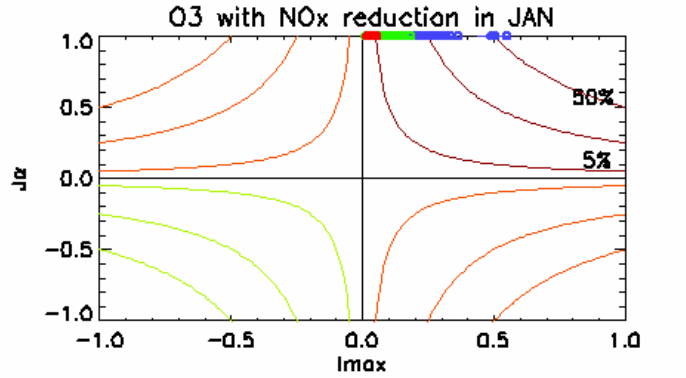


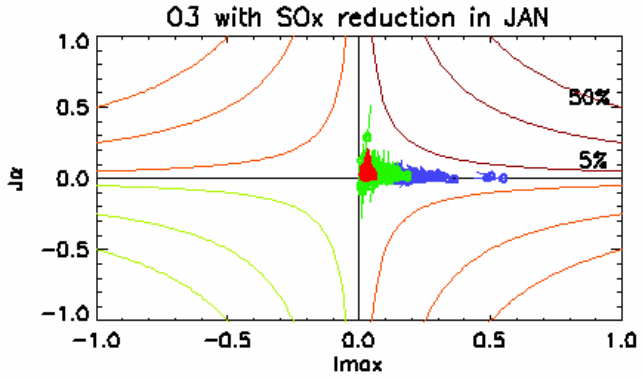


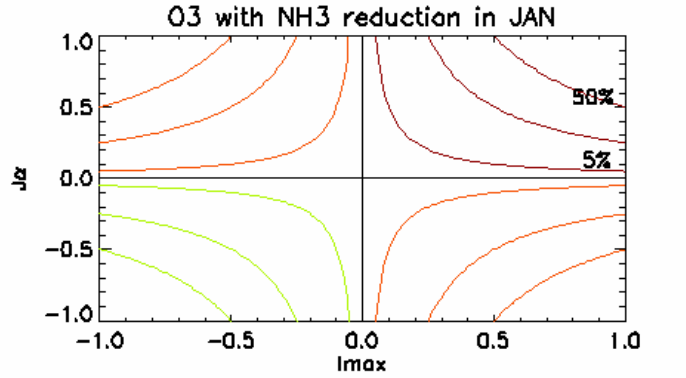


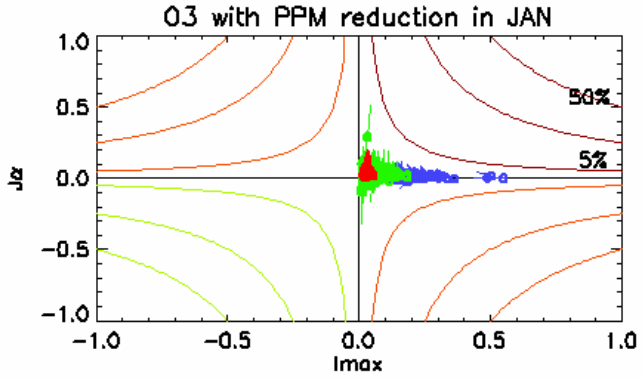


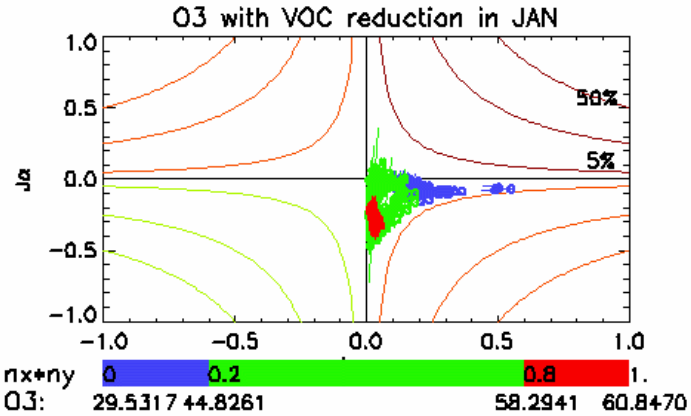
O3max8hr -- OPO TAPM JAN 2012

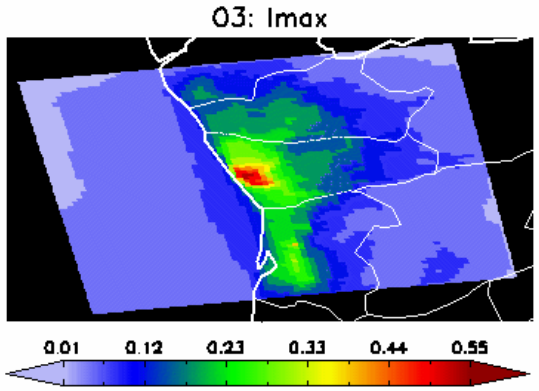




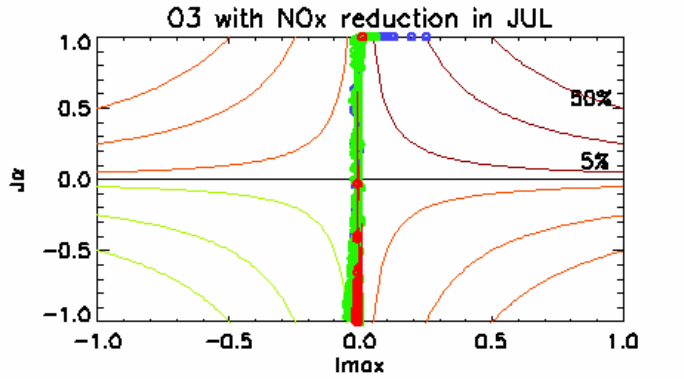


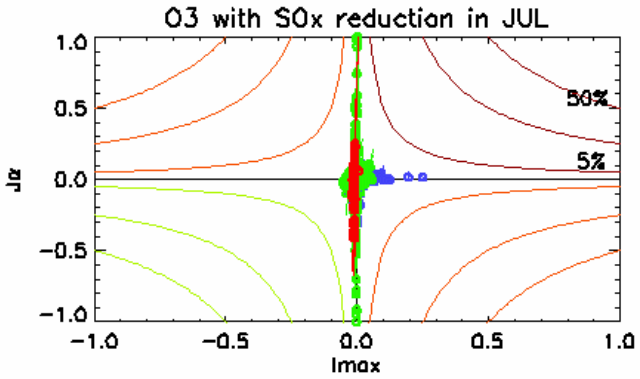


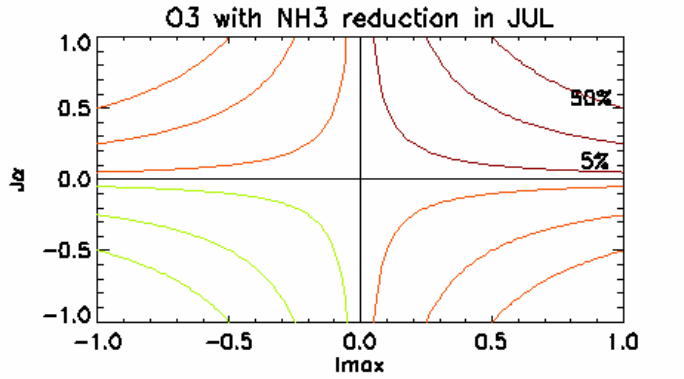


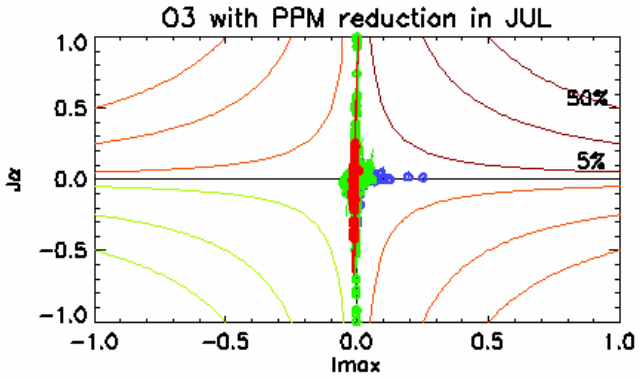


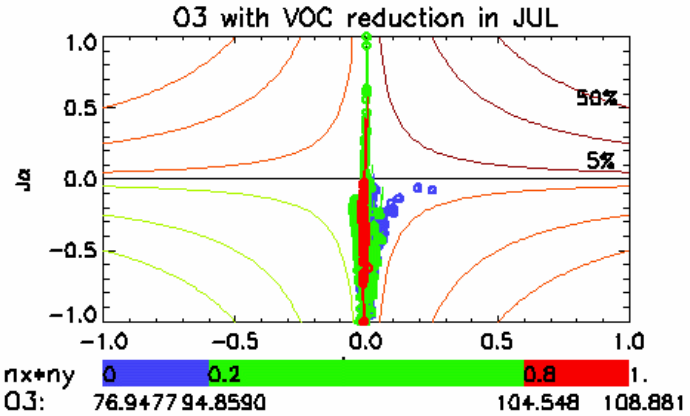
O3max8hr -- OPO TAPM JUL 2012

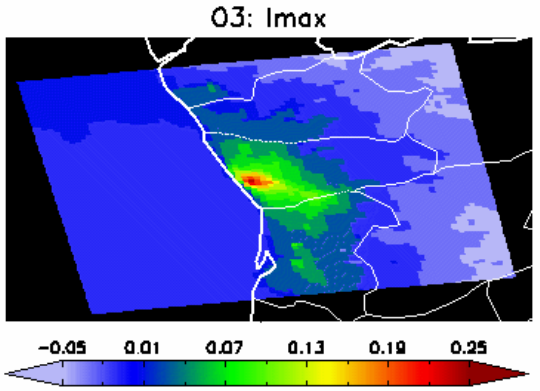




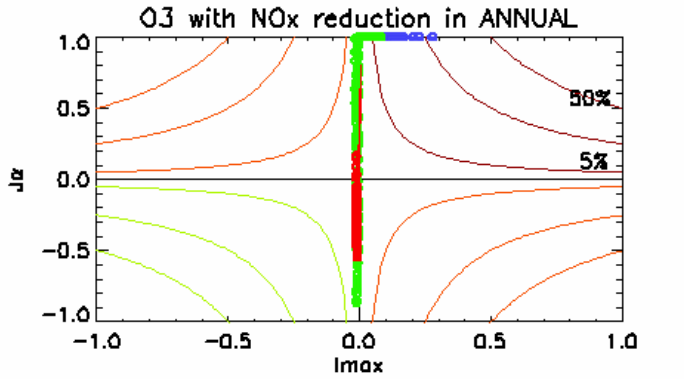


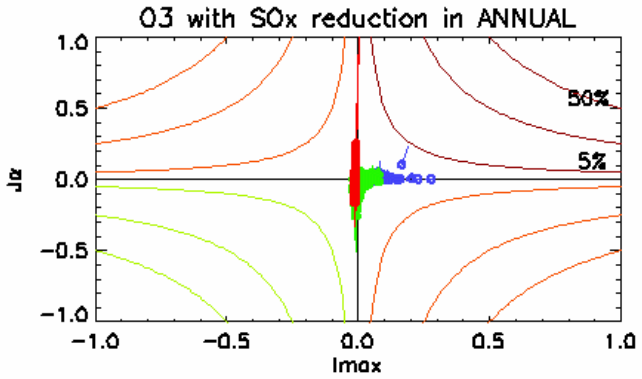


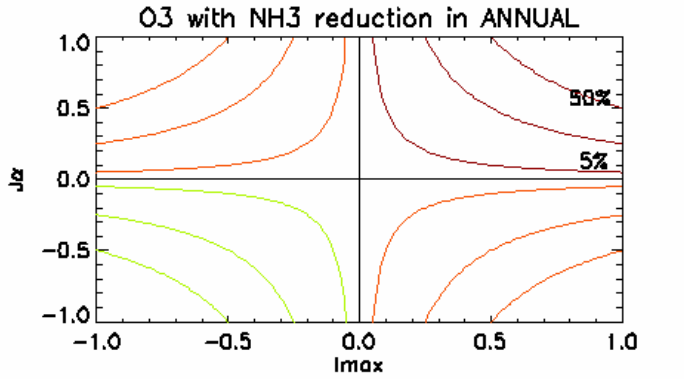


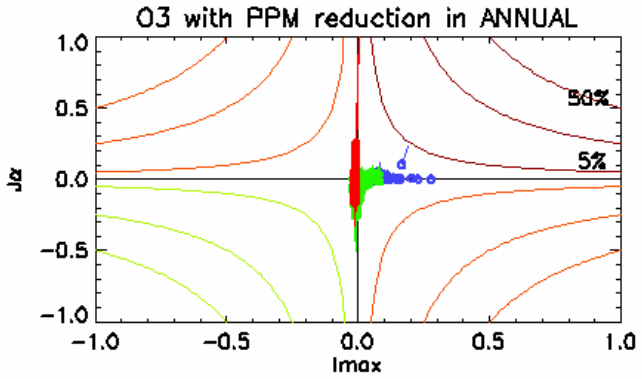


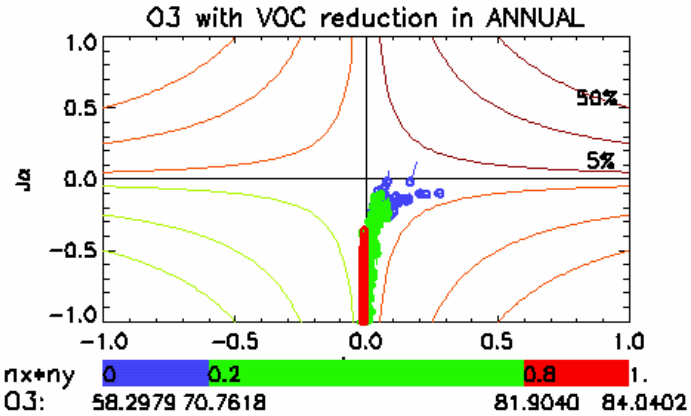
O3max8hr -- OPO TAPM Annual 2012

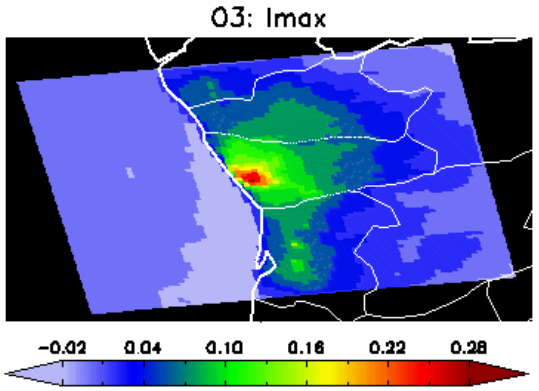




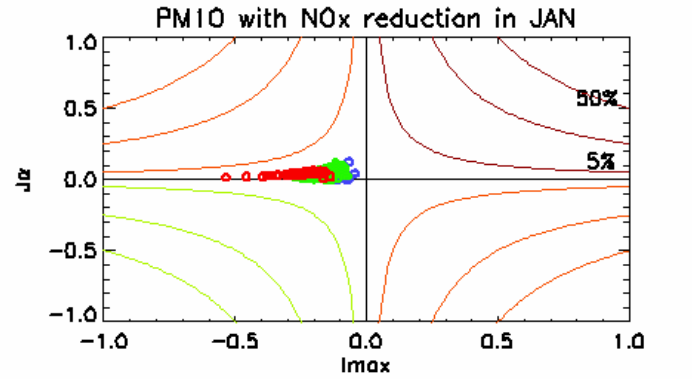


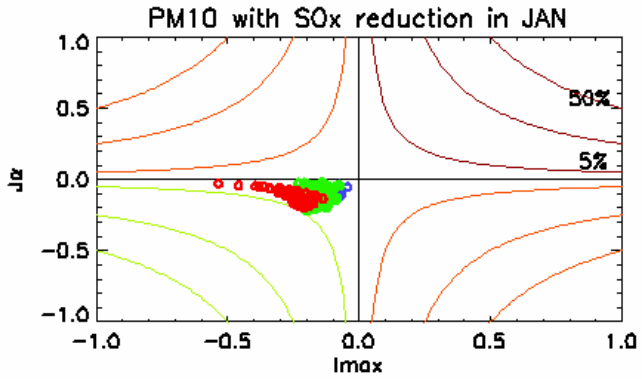


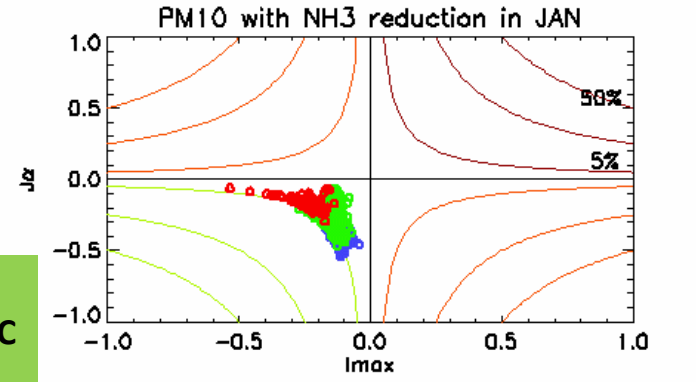


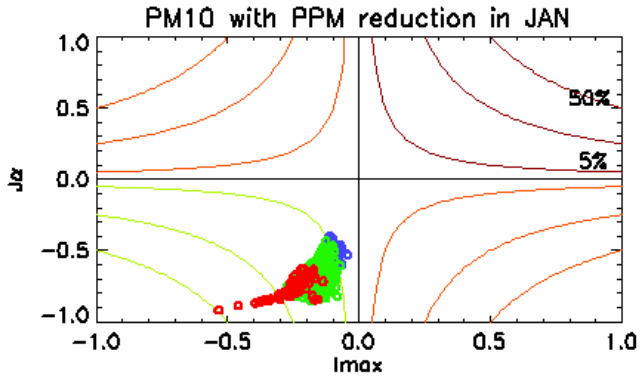


PM10 -- BELGIUM AURORA JAN 2009

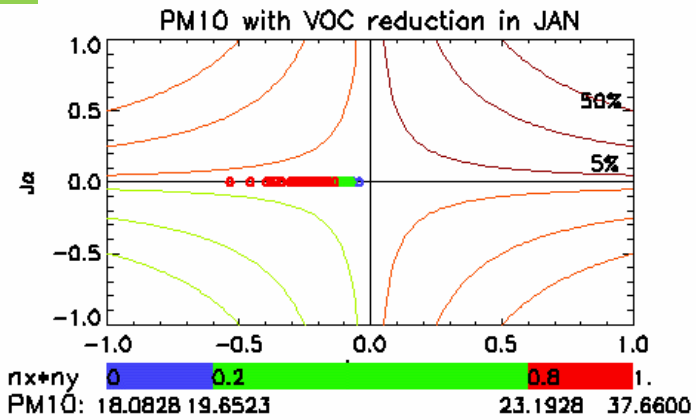


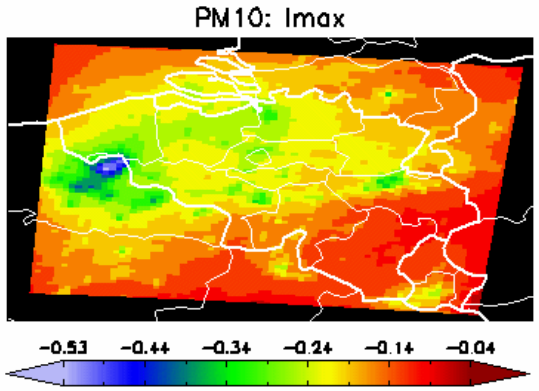




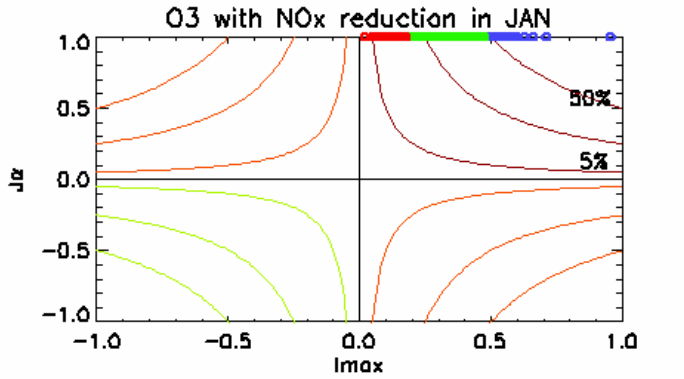


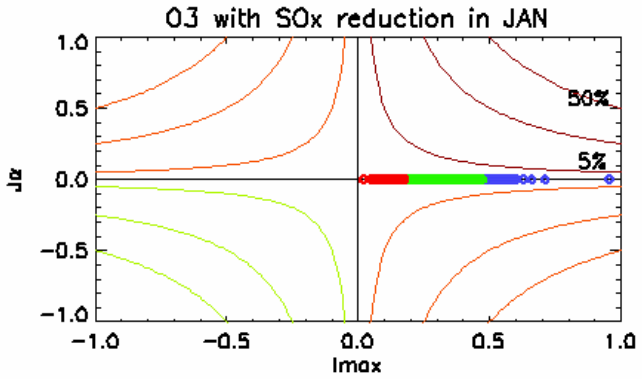
Remark Kees:
Is NH3 and VOC Inverted ??

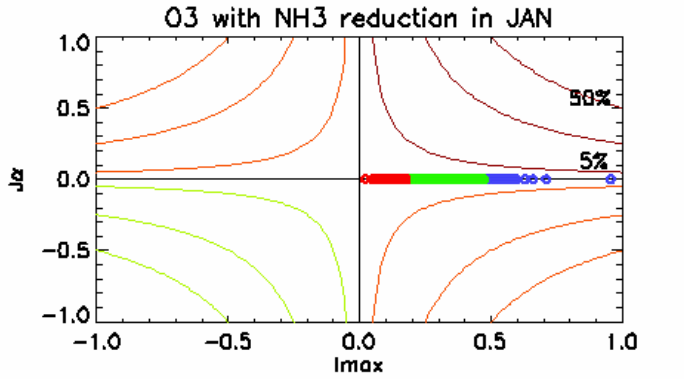


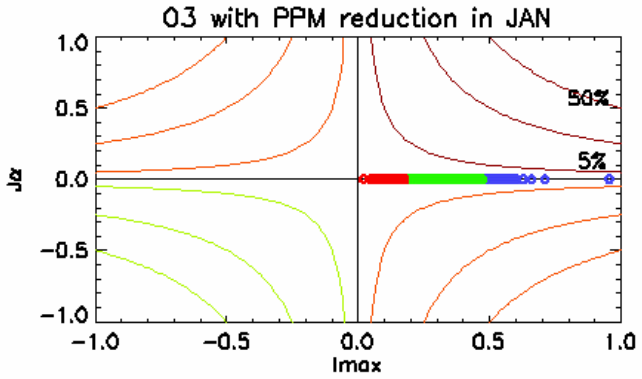


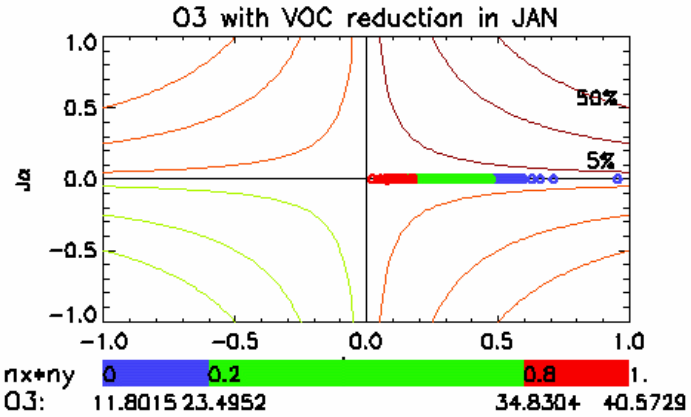
O3max8hr -- BELGIUM AURORA JAN 2009

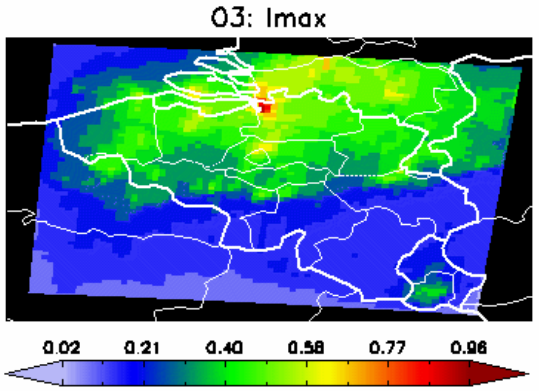




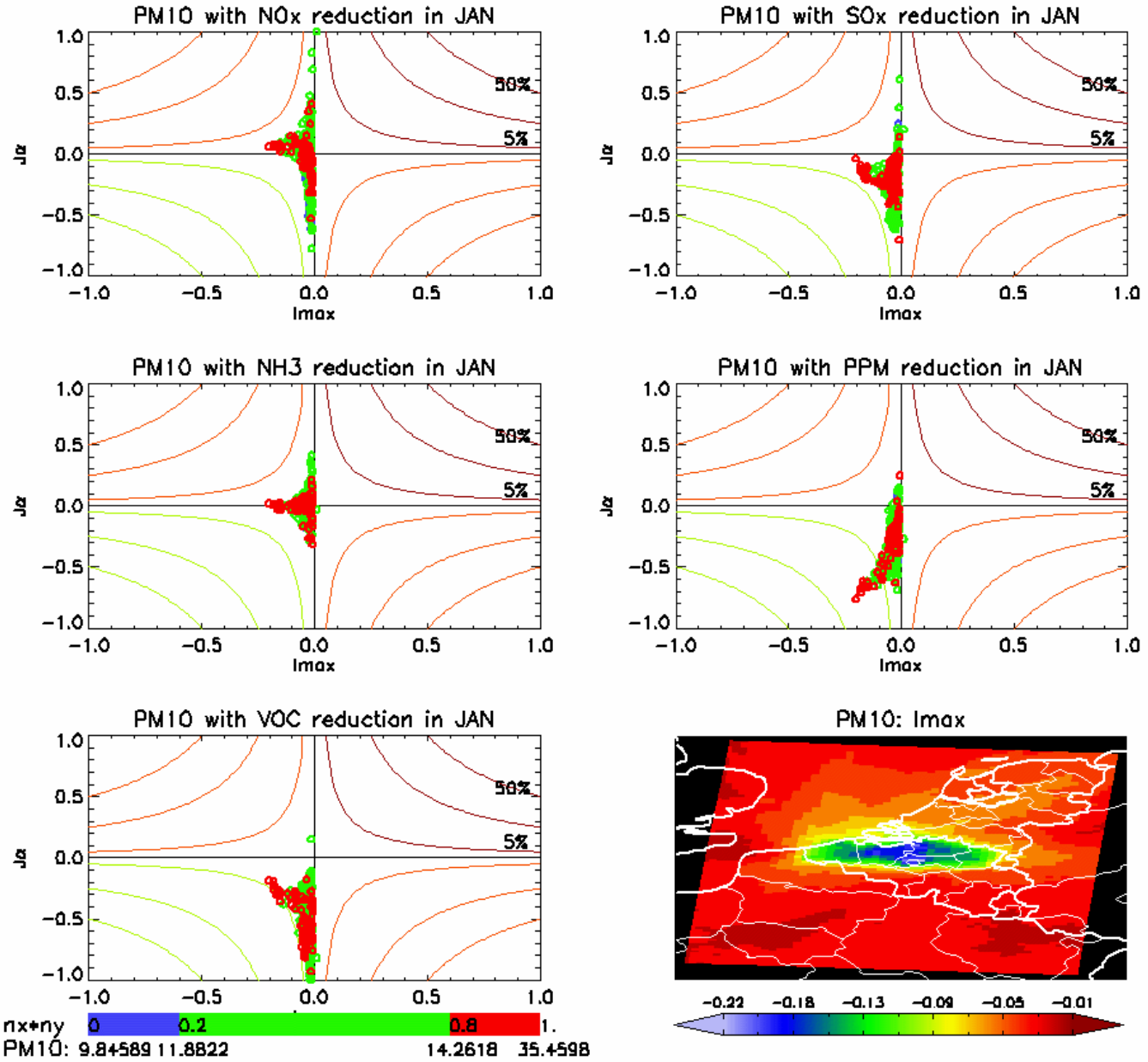




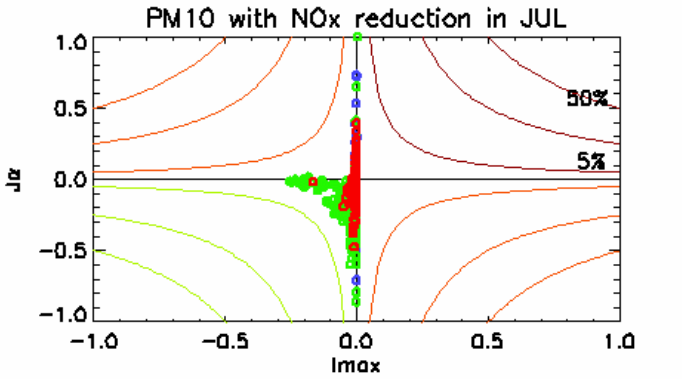


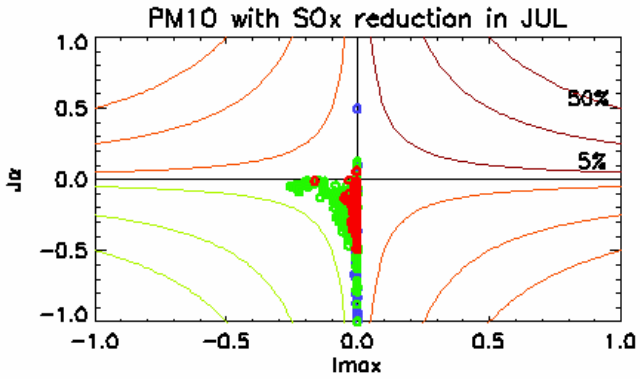


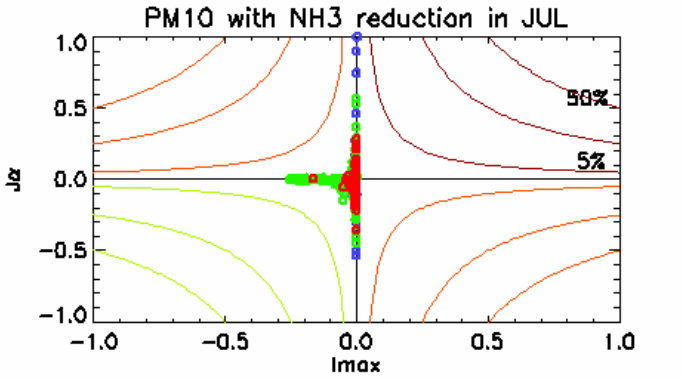
PM10 -- BNL LOTO JAN 2012

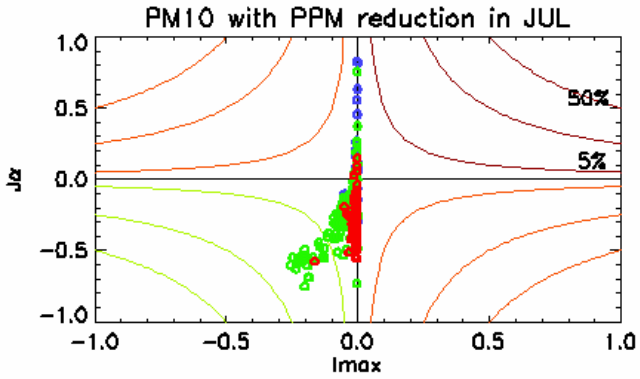


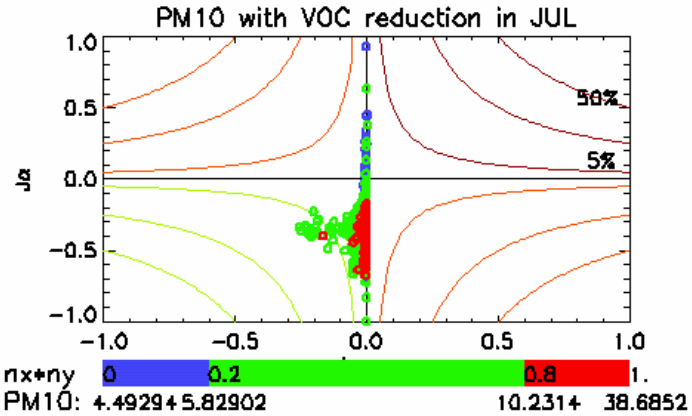
PM10 -- BNL LOTO JUL 2012

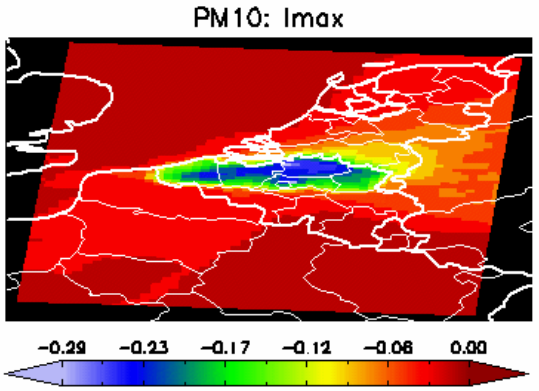




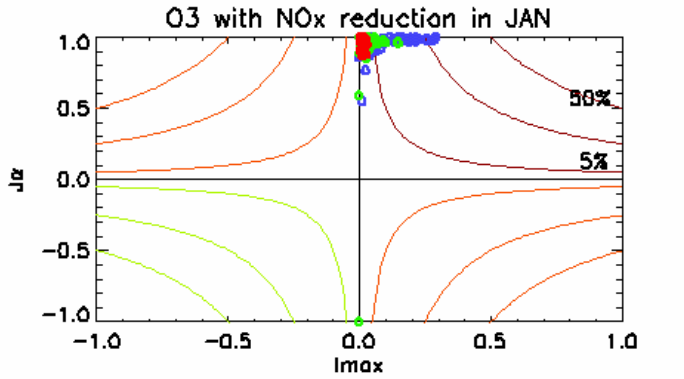


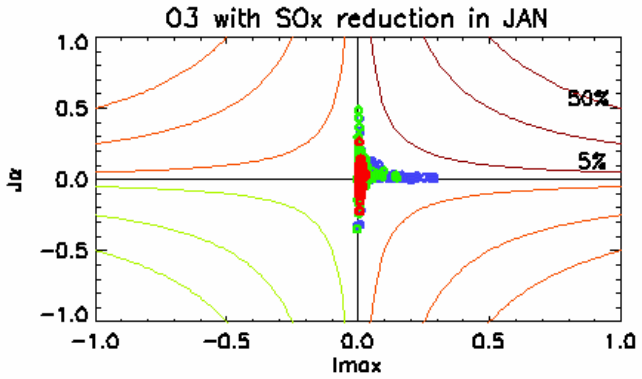


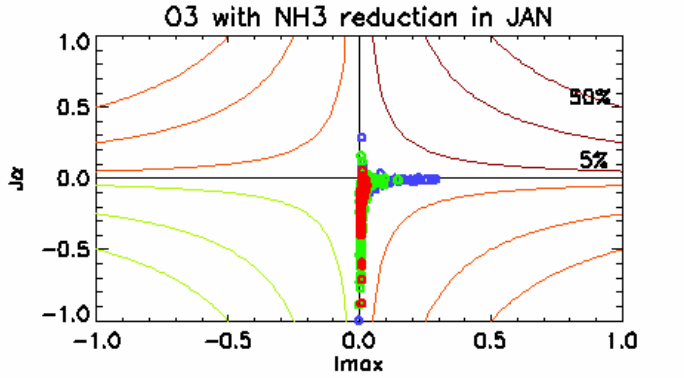


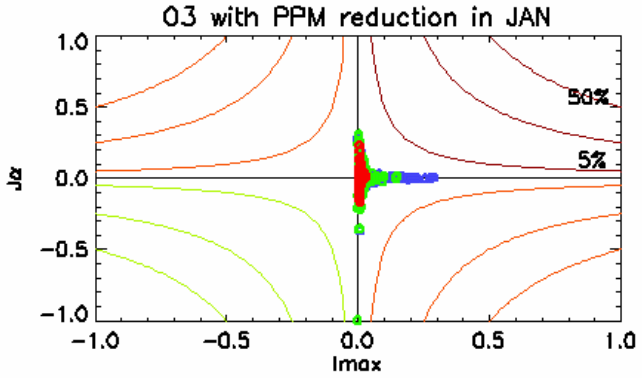


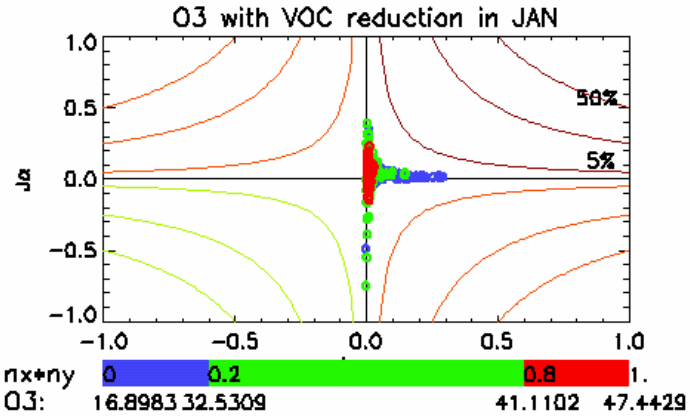
O3max8hr -- BNL LOTO JAN 2012

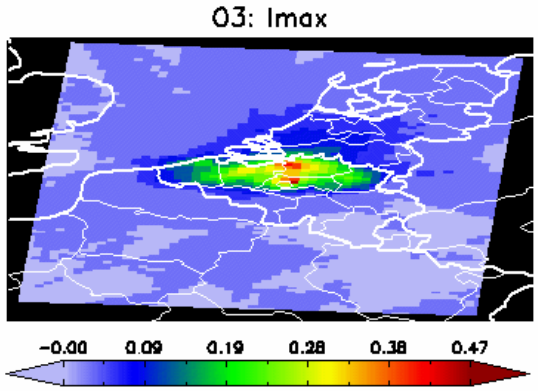




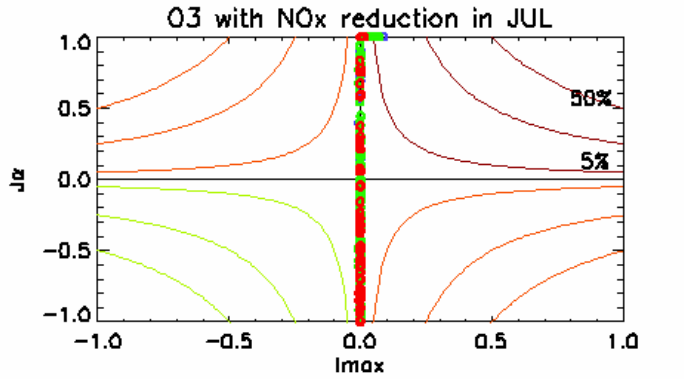


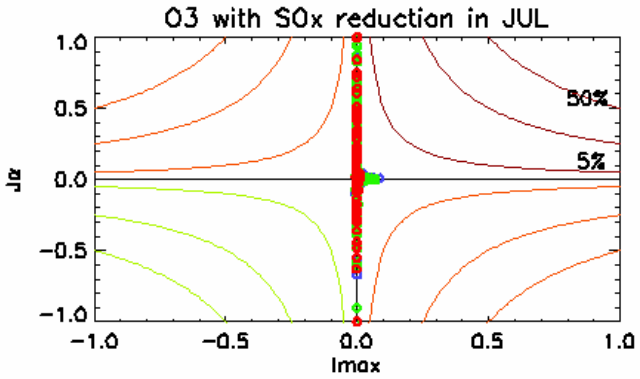


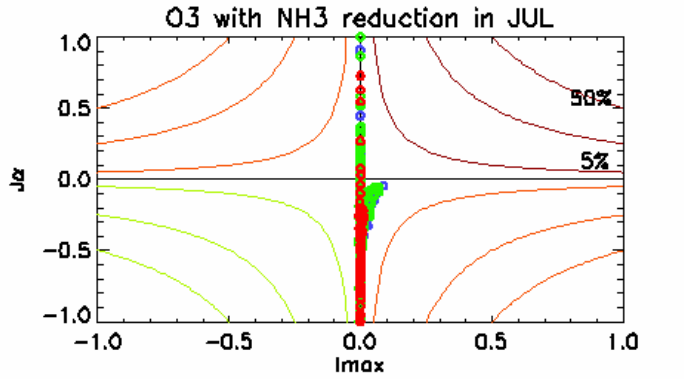


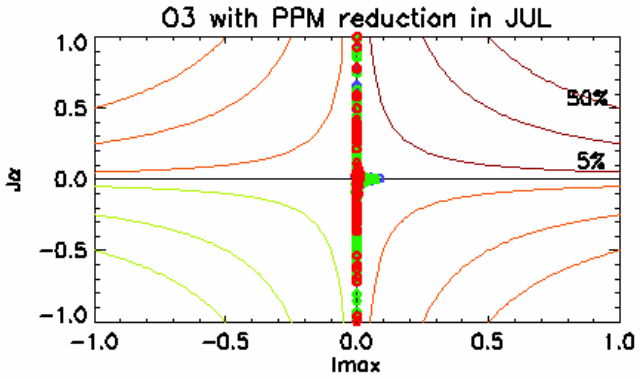


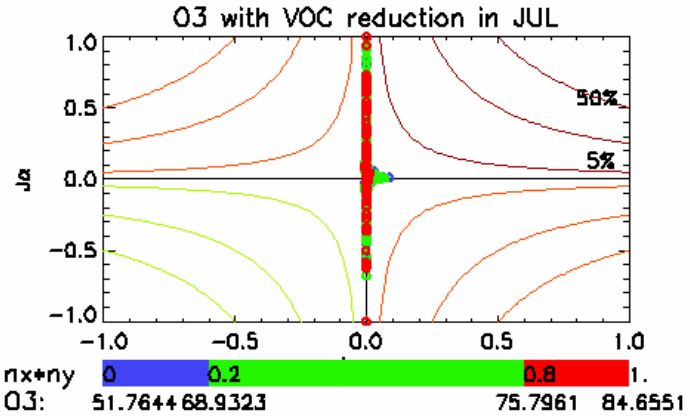
O3max8hr -- BNL LOTO JUL 2012

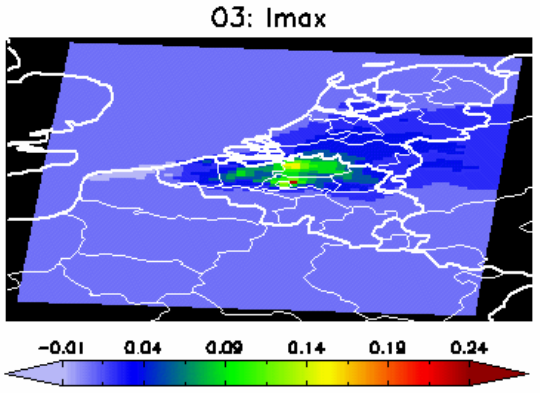




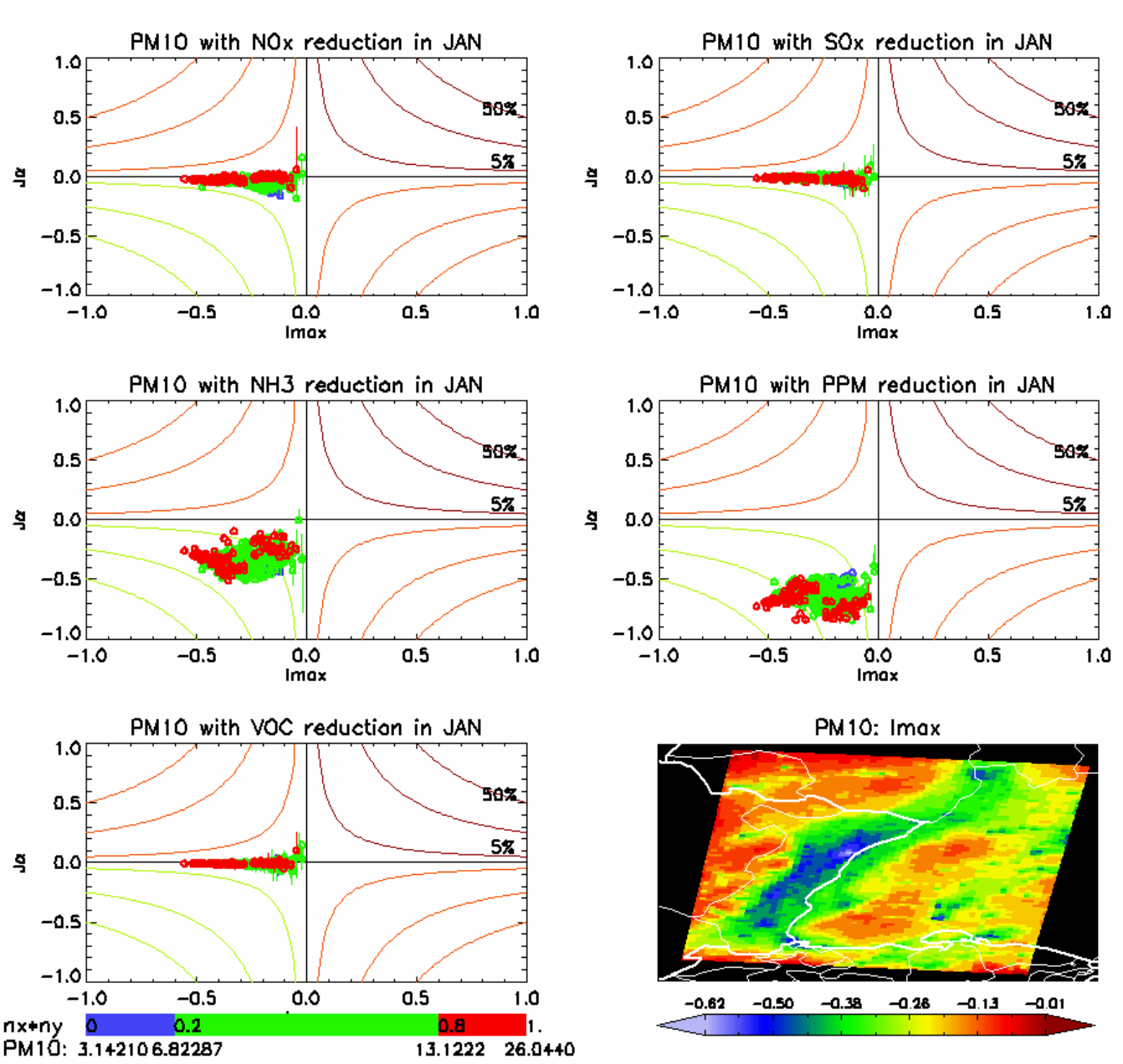




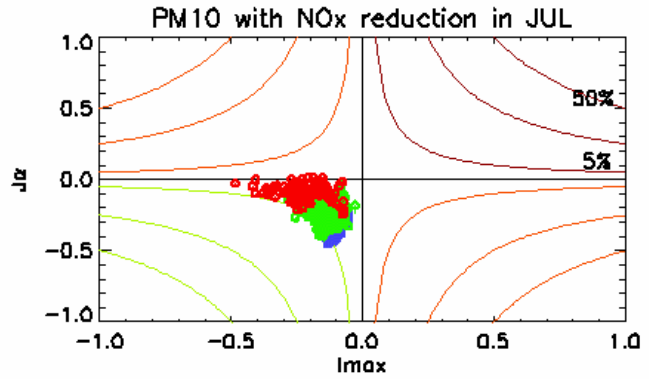


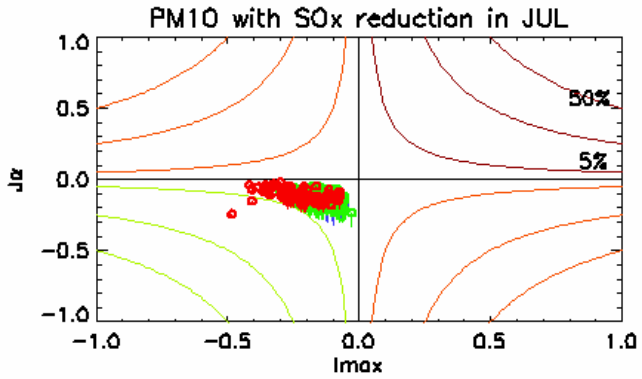


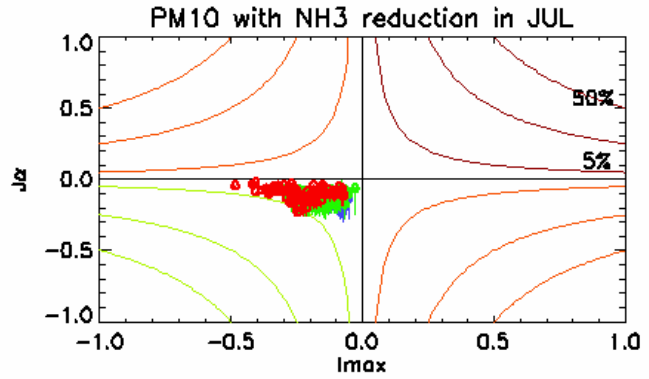
PM10 -- UPRHINE CHIM JAN 2005

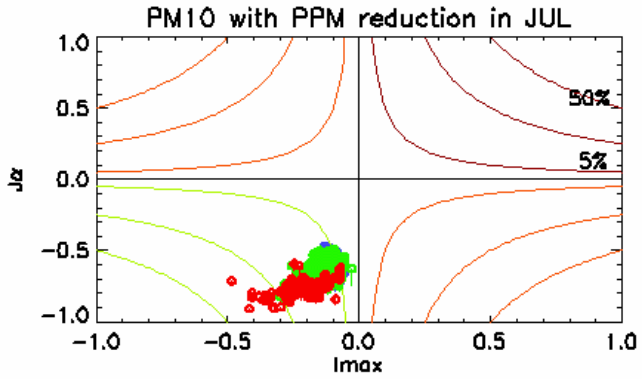


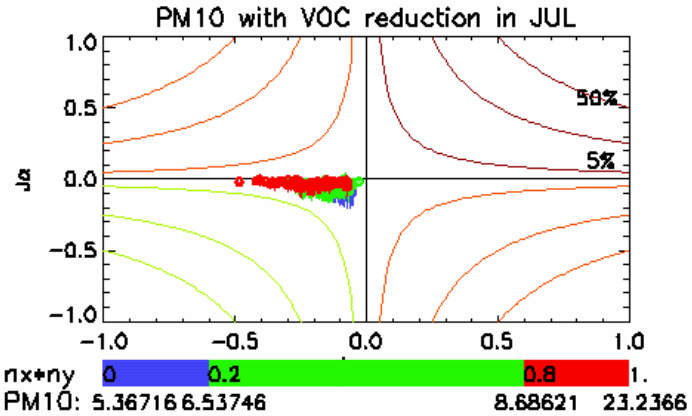
PM10 -- UPRHINE CHIM JUL 2005

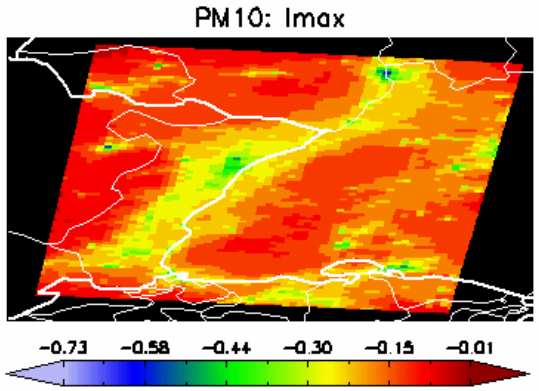




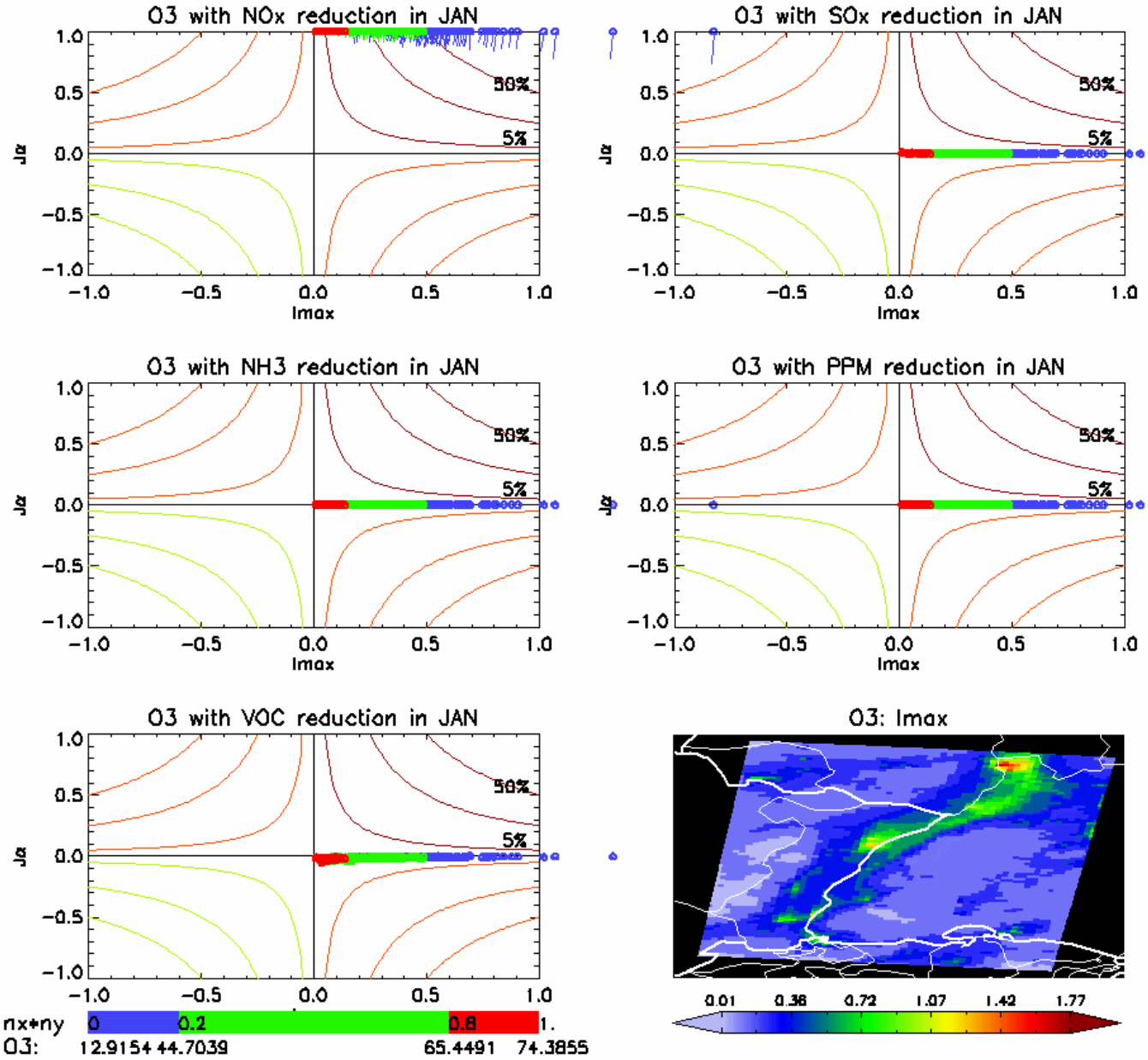




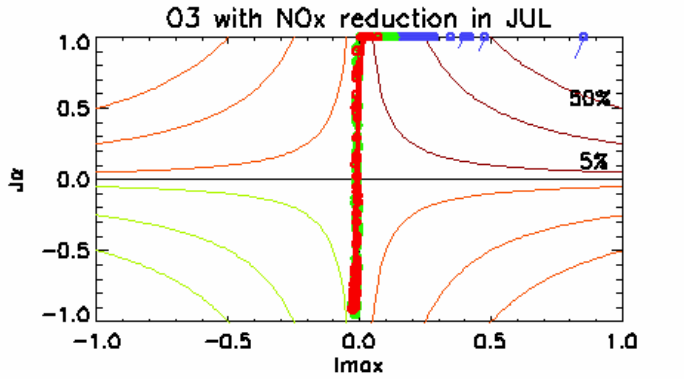


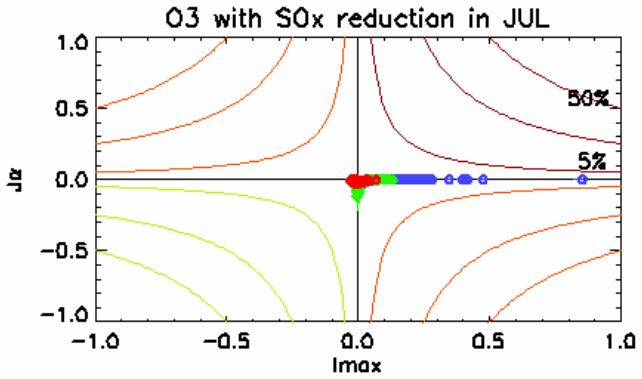


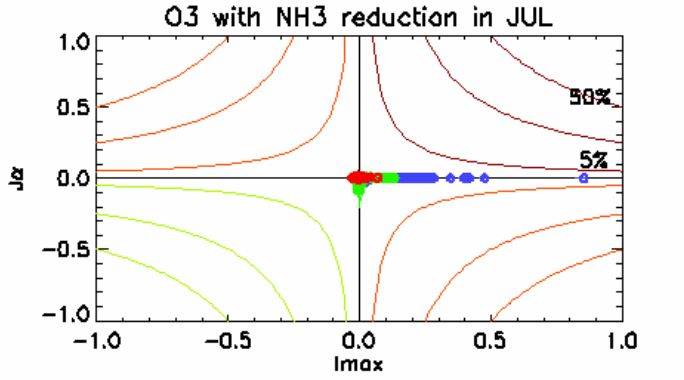
O3max8hr -- UPRHINE CHIM JAN 2005

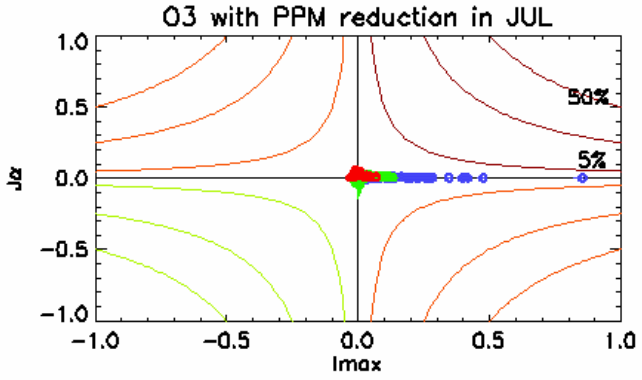


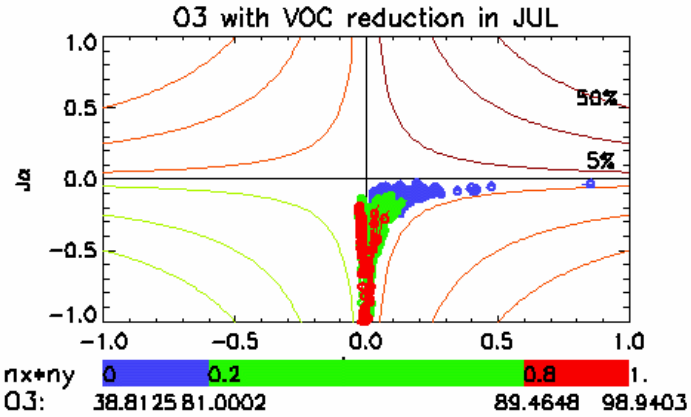
O3max8hr -- UPRHINE CHIM JUL 2005

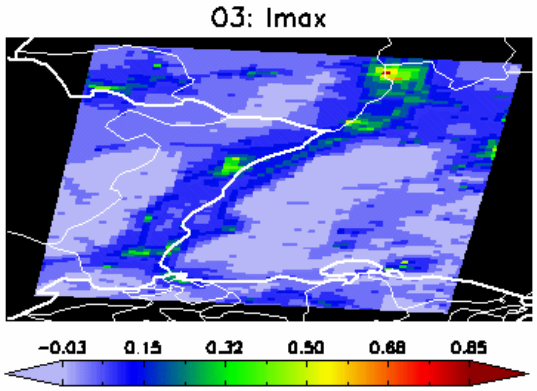




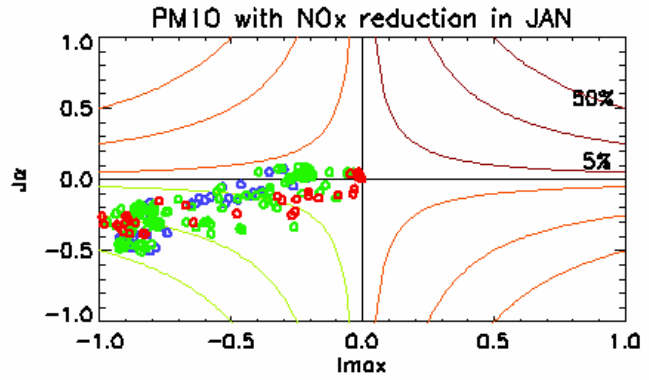


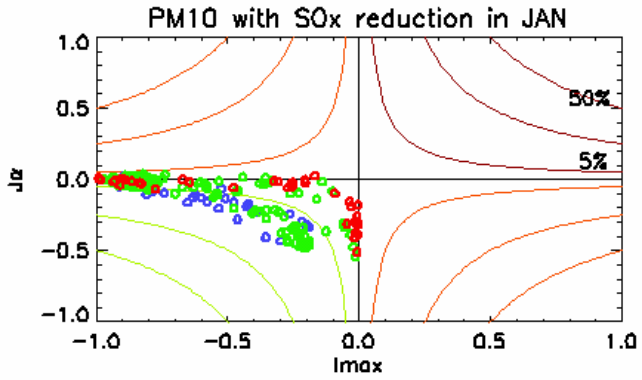


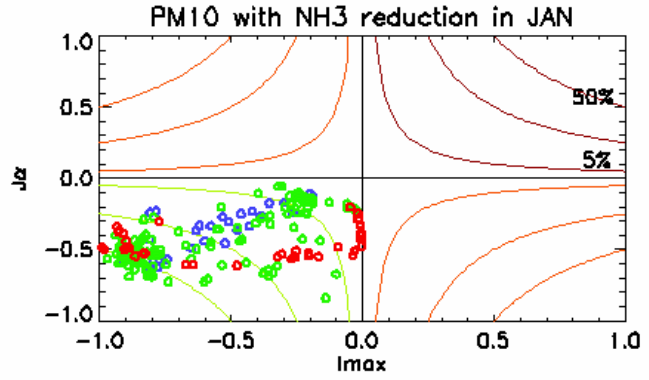


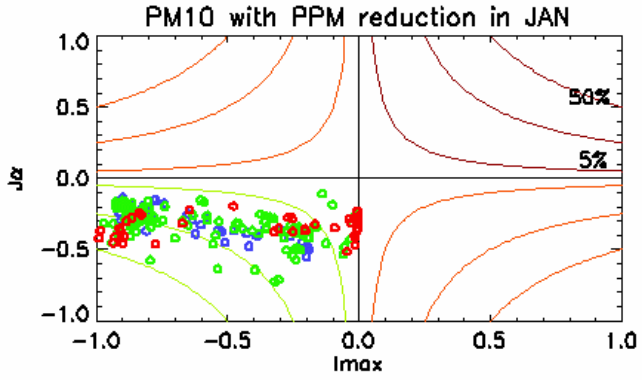


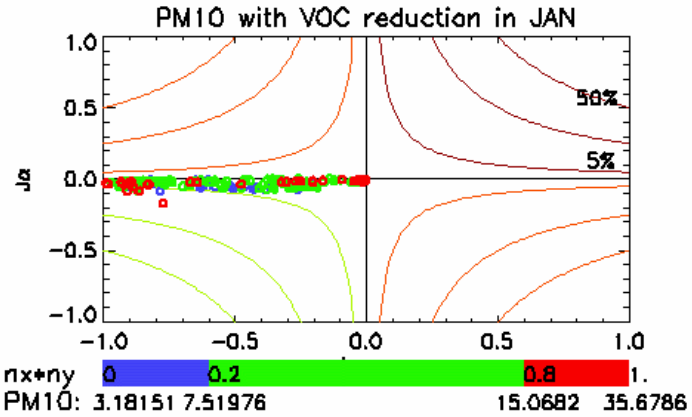
PM10 -- EUROPE CHIM JAN 2006

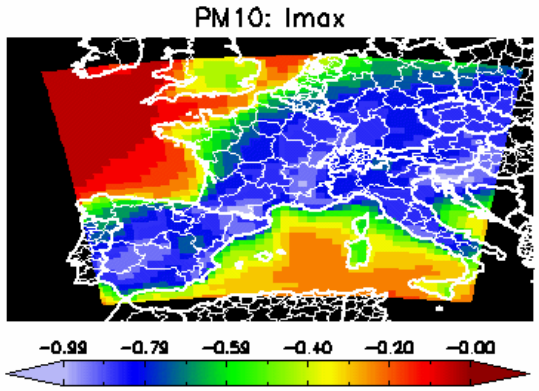




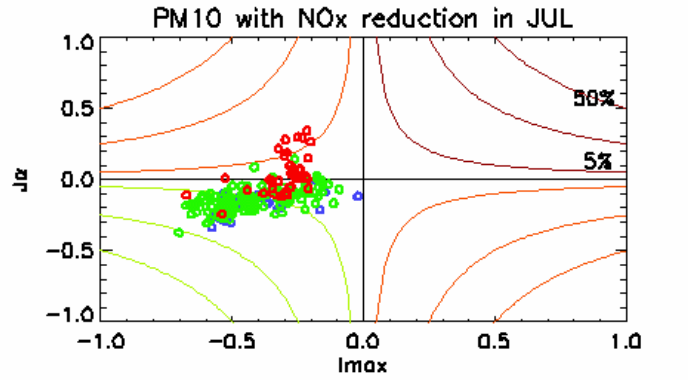


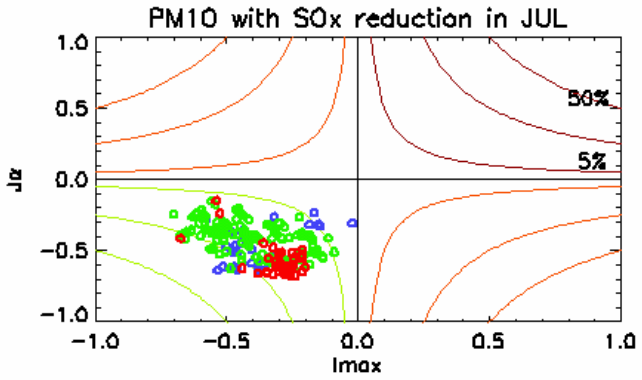


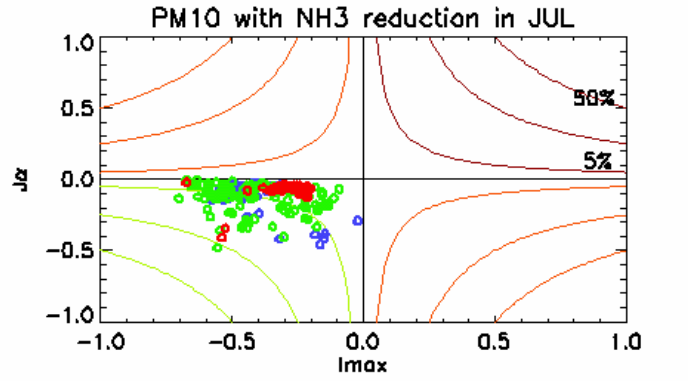


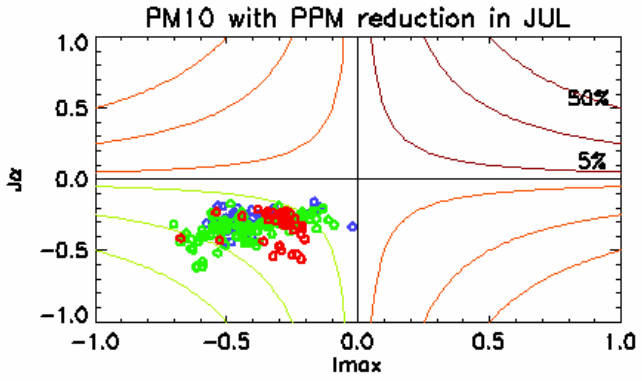


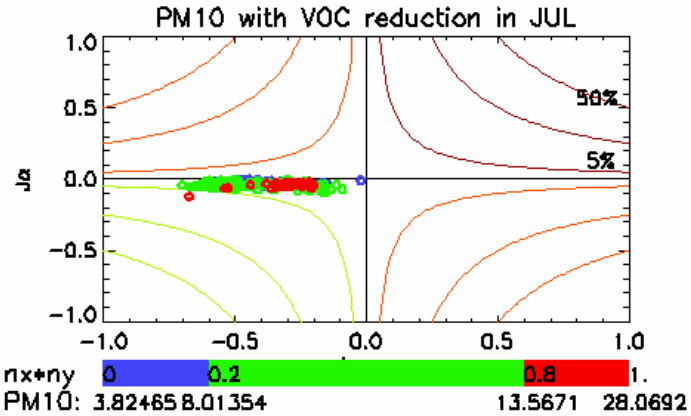
PM10 -- EUROPE CHIM JUL 2006

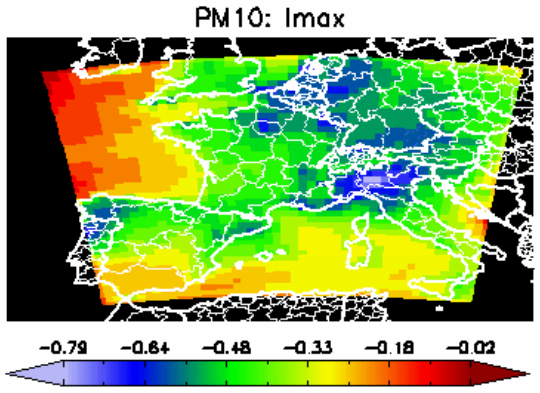




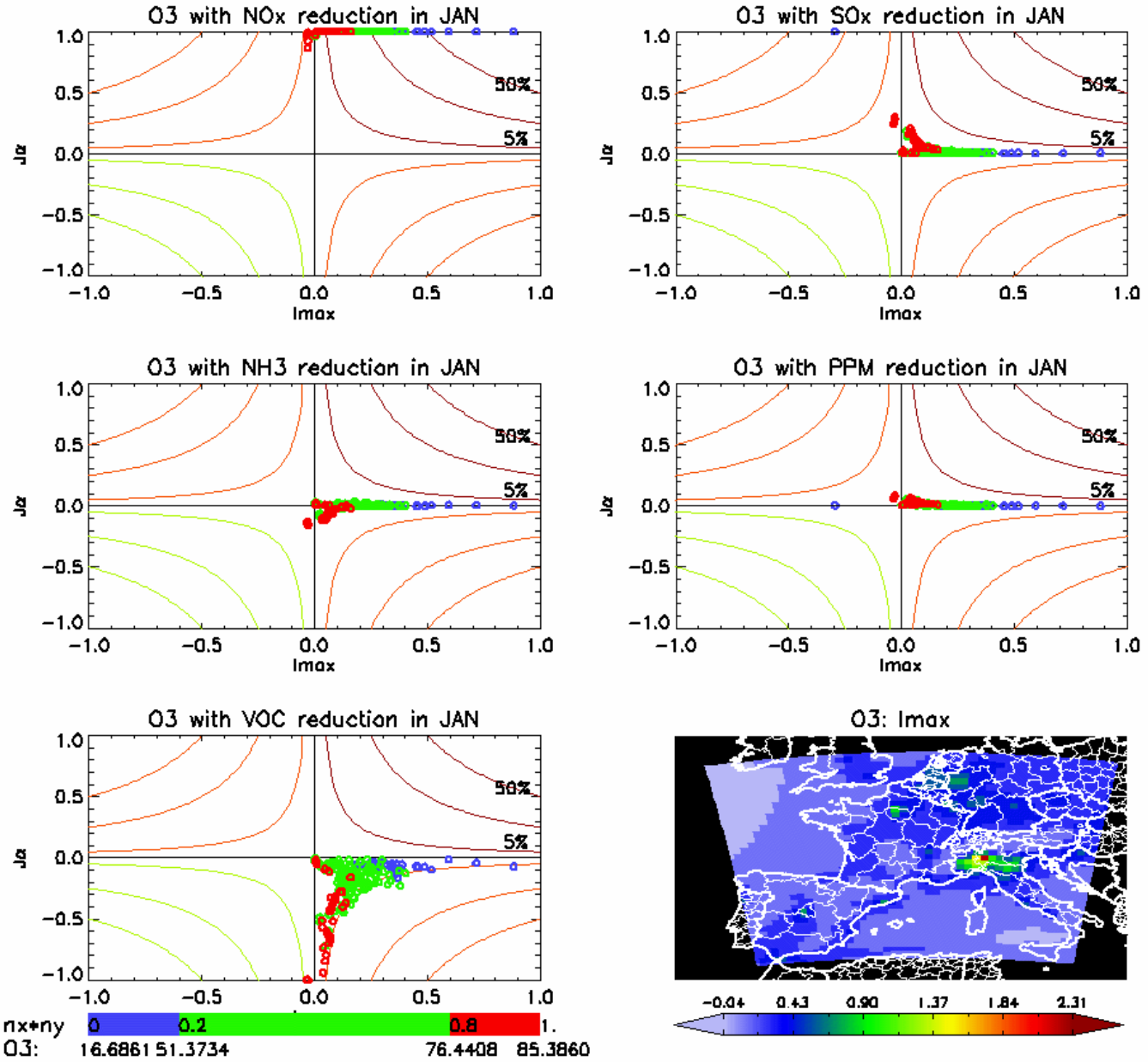








O3max8hr -- EUROPE CHIM JAN 2006



O3max8hr -- EUROPE CHIM JUL 2006