R: refine level	Number of cells N = 10*4^R + 2	Number of corners C = (N-2)*2	Number of edges E = (N-2)*3	Number of cells along equator	Average cell area in square Km	Average distance between cell centers in Km	Grid size Km
1	42	80	120	10	12171428.57	3717.4	358
2	162	320	480	20	3155555.56	1909.5	179
3	642	1280	1920	40	796261.68	961.6	89
4	2562	5120	7680	80	199531.62	481.6	44
5	10242	20480	30720	160	49912.13	240.9	22
6	40962	81920	122880	320	12479.86	120.5	11
7	163842	327680	491520	640	3120.08	60.28	55.
8	655362	1310720	1966080	1280	780.03	30.15	27.
9	2621442	5242880	7864320	2560	195.01	15.08	1
10	10485762	20971520	31457280	5120	48.75	7.54	6.9
11	41943042	83886080	125829120	10240	12.19	3.77	3.4
12	167772162	335544320	503316480	20480	3.05	1.89	1.7
13	671088642	1342177280	2013265920	40960	0.76	0.94	0.87

					R			
	6	7	8	9	10	11	12	13
layer	256	256	256	256	256	256	256	256
interfaces	257	257	257	257	257	257	257	257
cellcorners	6	6	6	6	6	6	6	6
celledges	6	6	6	6	6	6	6	6
endpoints	2	2	2	2	2	2	2	2
cellneighbors	6	6	6	6	6	6	6	6
cells	40,962	163,842	655,362	2,621,442	10,485,762	41,943,042	167,772,162	671,088,642
corners	81,920	327,680	1,310,720	5,242,880	20,971,520	83,886,080	335,544,320	1,342,177,280
edges	122,880	491,520	1,966,080	7,864,320	31,457,280	125,829,120	503,316,480	2,013,265,920

grid variables:	dimens	ions				number	of array elemen	ts		
layers	layers		256	256	256	256	256	256	256	256
interfaces	interfaces		257	257	257	257	257	257	257	257
grid_center_lat	cells		40,962	163,842	655,362	2,621,442	10,485,762	41,943,042	167,772,162	671,088,642
grid_center_lon	cells		40,962	163,842	655,362	2,621,442	10,485,762	41,943,042	167,772,162	671,088,642
grid_corner_lat	corners		81,920	327,680	1,310,720	5,242,880	20,971,520	83,886,080	335,544,320	1,342,177,280
grid_corner_lon	corners		81,920	327,680	1,310,720	5,242,880	20,971,520	83,886,080	335,544,320	1,342,177,280
grid_edge_lat	edges		122,880	491,520	1,966,080	7,864,320	31,457,280	125,829,120	503,316,480	2,013,265,920
grid_edge_lon	edges		122,880	491,520	1,966,080	7,864,320	31,457,280	125,829,120	503,316,480	2,013,265,920
cell_corners	cells	cellcorners	245,772	983,052	3,932,172	15,728,652	62,914,572	251,658,252	1,006,632,972	4,026,531,852
cell_edges	cells	celledges	245,772	983,052	3,932,172	15,728,652	62,914,572	251,658,252	1,006,632,972	4,026,531,852
edge_corners	edges	endpoints	245,760	983,040	3,932,160	15,728,640	62,914,560	251,658,240	1,006,632,960	4,026,531,840
cell_neighbors	cells	cellneighbors	245,772	983,052	3,932,172	15,728,652	62,914,572	251,658,252	1,006,632,972	4,026,531,852
area	cells		40,962	163,842	655,362	2,621,442	10,485,762	41,943,042	167,772,162	671,088,642
corner_cell_map_lat	cells	cellcorners	245,772	983,052	3,932,172	15,728,652	62,914,572	251,658,252	1,006,632,972	4,026,531,852
corner_cell_map_lon	cells	cellcorners	245,772	983,052	3,932,172	15,728,652	62,914,572	251,658,252	1,006,632,972	4,026,531,852
	SUM (N	∕iiB)	7.66	30.63	122.50	490.00	1,960.00	7,840.00	31,360.00	125,440.00
	SUM (GiB)		0.01	0.03	0.12	0.48	1.91	7.66	30.63	122.50

data	type:	float:	size	-	

non-grid variables:		dimens					array elements				
relative		cells	layers	10,486,272	41,943,552	167,772,672			10,737,418,752		171,798,692,35
vel_pot		cells	layers	10,486,272	41,943,552	167,772,672			10,737,418,752		171,798,692,35
strm_func		cells	layers	10,486,272	41,943,552	167,772,672			10,737,418,752		171,798,692,35
divergence		cells	layers	10,486,272	41,943,552	167,772,672			10,737,418,752		171,798,692,35
ke		cells	layers	10,486,272	41,943,552	167,772,672		2,684,355,072			171,798,692,35
vorticity	time	cells	layers	10,486,272	41,943,552	167,772,672			10,737,418,752		171,798,692,35
mass	time	cells	layers	10,486,272	41,943,552	167,772,672	671,089,152	2,684,355,072	10,737,418,752	42,949,673,472	171,798,692,35
pressure	time	cells	interfaces	10,527,234	42,107,394	168,428,034		2,694,840,834	10,779,361,794		172,469,780,99
temperature_lyr	time	cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594	2,694,840,834	10,779,361,794	43,117,445,634	172,469,780,99
geopotential	time	cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594	2,694,840,834	10,779,361,794	43,117,445,634	172,469,780,99
u	time	corners	layers	20,971,520	83,886,080	335,544,320	1,342,177,280	5,368,709,120	21,474,836,480	85,899,345,920	343,597,383,68
v	time	corners	layers	20,971,520	83,886,080	335,544,320	1,342,177,280	5,368,709,120	21,474,836,480	85,899,345,920	343,597,383,68
wind	time	edges	layers	31,457,280	125,829,120	503,316,480	2,013,265,920	8,053,063,680	32,212,254,720	128,849,018,880	515,396,075,52
w_vert	time	cells	interfaces	10,527,234	42,107,394	168,428,034		2,694,840,834	10,779,361,794		172,469,780,994
exner lyr	time	cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594		10,779,361,794		172,469,780,994
water vapor lyr		cells	interfaces	10,527,234	42,107,394	168,428,034			10,779,361,794		172,469,780,994
cloud water lyr	time	cells	interfaces	10,527,234	42.107.394	168,428,034	673,710,594		10,779,361,794		172,469,780,994
rain mmr lyr		cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594		10,779,361,794		172,469,780,994
cloud ice lyr	time	cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594		10,779,361,794		172,469,780,99
snow mmr lyr	time	cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594		10,779,361,794		172,469,780,994
graupel mmr lyr	time	cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594		10,779,361,794		172,469,780,994
heating_sw_lyr_avg		cells	interfaces	10,527,234	42,107,394	168,428,034		2,694,840,834			172,469,780,994
heating lw lyr avg	time	cells	interfaces	10,527,234	42,107,394	168,428,034		2,694,840,834	10,779,361,794		172,469,780,99
heating sw cs lyr avg	time	cells	interfaces	10,527,234	42,107,394	168,428,034		2,694,840,834			172,469,780,99
heating lw cs lyr avg		cells	interfaces	10,527,234	42,107,394	168,428,034			10,779,361,794		172,469,780,99
heating latent lyr avg		cells	interfaces	10,527,234	42,107,394	168,428,034		2,694,840,834			172,469,780,99
gwv tend micro lyr avg	time		interfaces	10,527,234	42,107,394	168,428,034			10,779,361,794		172,469,780,99
gci tend micro lyr avg		cells	interfaces	10,527,234	42,107,394	168,428,034		2,694,840,834	10,779,361,794		172,469,780,99
gcw tend micro lyr avg		cells	interfaces	10,527,234	42,107,394	168,428,034			10,779,361,794		172,469,780,99
grw tend micro lyr avg		cells	interfaces	10,527,234	42,107,394	168,428,034			10,779,361,794		172,469,780,99
gsn tend micro lyr avg		cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594		10,779,361,794		172,469,780,99
ggr tend micro lyr avg		cells	interfaces	10,527,234	42,107,394	168,428,034	673,710,594		10,779,361,794		172,469,780,99
prec tot avg		cells		40,962	163,842	655,362	2,621,442	10,485,762	41,943,042		671,088,64
prec_tot_uvg prec_frz_avg	time	cells		40,962	163,842	655,362	2,621,442	10,485,762	41,943,042		671,088,64
olr avg		cells		40,962	163,842	655,362	2,621,442	10,485,762	41,943,042		671,088,64
swinc avg	time	cells		40,962	163,842	655,362	2,621,442	10,485,762	41,943,042		671,088,64
heat flux vdiff ifc avg	time	cells	layers	10,486,272	41,943,552	167,772,672			10,737,418,752		171,798,692,35
wtr flux vdiff ifc avg		cells	layers	10,486,272	41,943,552	167,772,672	671,089,152				171,798,692,35
wii_nux_vuiii_iic_avg	unite	CC/IS	ioyers.	20,400,272	42,543,332	107,772,072	0,1,009,132	2,004,333,072	10,737,410,732	42,545,075,472	1, 1,, 53,032,33.
		SUM (Mil	3) / snapshot	1,524.12	6,096.31	24,385.06	97,540.06	390,160.06	1,560,640.06	6,242,560.06	24,970,240.0
			3) / snapshot	1,324.12	5.95	23.81	95.25	381.02	1,500,040.00	6.096.25	24,370,240.0
3 snapshots x 38 non-gr	id vari:			4.47	17.89	71.56	286.24	1,144.96	4,579.84	18,319.38	73,277.5
1 snapshot x 38 non-gri				1.50	5.98	23.93	95.73	382.93	1,531.72	6,126.88	24,507.50
T SHEPSHOLX 36 HUH-BH	u vdl ld	inies + Blid Vi	niavies (GID)	1.50	5.96	25.95	95.75	302.93	1,551.72	0,120.00	24,507.5

	1											
		w	rite amou	ınt in Mil	3 per pro	cess						
				1256								
level_max	r8	r9	r10	r11	r9	r10	r11					
no. processes	640p	2560p	10240p	40960p	640p	2560p	10240p					
relative	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
vel_pot	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
strm_func	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
divergence	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
ke	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
vorticity	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
mass	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
pressure	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
temperature_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
geopotential	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
u	2.00	2.00	2.00	2.00	8.00	8.00	8.00					
v	2.00	2.00	2.00	2.00	8.00	8.00	8.00					
wind	3.00	3.00	3.00	3.00	12.00	12.00	12.00					
w_vert	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
exner_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
water_vapor_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
cloud_water_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
rain_mmr_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
cloud_ice_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
snow_mmr_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
graupel_mmr_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
heating_sw_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
heating_lw_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
heating_sw_cs_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
heating_lw_cs_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
heating_latent_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
qwv_tend_micro_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
qci_tend_micro_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
qcw_tend_micro_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
qrw_tend_micro_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
qsn_tend_micro_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
qgr_tend_micro_lyr_avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02					
prec_tot_avg	0.00	0.00	0.00	0.00	0.02	0.02	0.02					
prec_frz_avg	0.00	0.00	0.00	0.00	0.02	0.02	0.02					
olr_avg	0.00	0.00	0.00	0.00	0.02	0.02	0.02					
swinc_avg	0.00	0.00	0.00	0.00	0.02	0.02	0.02					
heat_flux_vdiff_ifc_avg	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
wtr_flux_vdiff_ifc_avg	1.00	1.00	1.00	1.00	4.00	4.00	4.00					
if combined (all 38 vars)	38.10	38.10	38.10	38.10	152.41	152.41	152.41					

Internation	roup variables into files write amount in MiB per process								
ILE NAME						1256			
		level_max	r8	r9	r10			r10	r11
vorticity		no. processes	640p	2560p	10240p	40960p	640p	2560p	10240p
Company Comp	FILE NAME								
Symamics		vorticity	1.00	1.00	1.00	1.00	4.00	4.00	4.00
wind		relative	1.00	1.00	1.00	1.00	4.00	4.00	4.00
Moregrence	4	strm_func	1.00	1.00	1.00	1.00	4.00	4.00	4.00
vel pot	dynamics_	divergence	1.00	1.00	1.00	1.00	4.00	4.00	4.00
New			1.00	1.00	1.00	1.00	4.00	4.00	4.00
mass			1.00	1.00	1.00	1.00	4.00	4.00	4.00
mass mass									
pressure pressure 1.00 1.00 1.00 1.00 4.02 4.0					-	-			
pressure pressure 1.00 1.00 1.00 1.00 4.02 4.0	mass	mass	1.00	1.00	1.00	1.00	4.00	4.00	4.00
	111033_	mass	1.00	1.00	1.00	1.00	4.00	4.00	4.00
	proceuro	proceuro	1.00	1.00	1.00	1.00	4.02	4.02	4.02
Beopotential Beopotential	pressure_	pressure	1.00	1.00	1.00	1.00	4.02	4.02	4.02
Beopotential Beopotential	temneraturo	temperature lyr	1.00	1.00	1.00	1.00	4.02	4.02	402
wind	temperature_	temperature_lyl	1.00	1.00	1.00	1.00	4.02	4.02	4.02
wind	goonotontia!	googotoptial	1.00	1.00	1.00	1.00	4.02	4.02	4.03
Vind	Reoboreurigi_	geopotential	1.00	1.00	1.00	1.00	4.02	4.02	4.02
Vind			2.00	2.00	2.00	2.00	0.00	0.00	0.00
wind 3.00 3.00 3.00 3.00 12.00		u							
water vapor lyr exner lyr twater vapor lyr 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	wind_	V							
Subtotal 8.00 8.00 8.00 8.00 2.02 32.02	_								
water_ypr									
water vapor_lyr doud water lyr 100 100 100 100 402 402 402 doud water lyr 100 100 100 100 402 402 402 doud water lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr doud lee lyr 100 100 100 100 402 402 402 doud lee lyr doud lee lyr 100 100 100 100 402 402 402 doud lee lyr doud lee		subtotal	8.00	8.00	8.00	8.00	32.02	32.02	32.02
water vapor_lyr doud water lyr 100 100 100 100 402 402 402 doud water lyr 100 100 100 100 402 402 402 doud water lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr 100 100 100 100 402 402 402 doud lee lyr doud lee lyr 100 100 100 100 402 402 402 doud lee lyr doud lee lyr 100 100 100 100 402 402 402 doud lee lyr doud lee									
Surface Surf	exner_lyr_	exner_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02
Surface Surf									
Fair		water_vapor_lyr	1.00	1.00	1.00	1.00			4.02
Marker		cloud_water_lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02
Source Property 1.00 1.00 1.00 1.00 4.02 4.02 4.03 4		rain mmr lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02
Beating Sw Jyr avg	water_	cloud ice lyr	1.00	1.00	1.00	1.00	4.02	4.02	4.02
Beating sw lyr avg		snow mmr lvr	1.00	1.00	1.00	1.00	4.02	4.02	4.02
Subtotal 6.02 6.02 6.02 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.00 24.0			1.00	1.00	1.00	1.00	4.02	4.02	4.02
heating. sw. jyr. avg heating. sw. jsr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 4.02 heating. sw. cs. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. cs. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. cs. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. cs. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. cs. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. cs. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. cs. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 4.02 4.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 0.02 0.02 heating. sw. jyr. avg loop. 100 1.00 1.00 1.00 4.02 0.02 0.02 heating. sw. jyr. avg loop. 100 0.00 0.00 0.00 0.00 0.00 0.00 0.0									24.09
heating heat									
heating heat		heating sw lyr avg	1.00	1.00	1.00	1.00	4.02	4.02	4.02
heating_lw_cs_lyr_awg	hosting								
heating_latent_lyr_avg	ileating_								
Subtotal									
micro qwv_tend_micro_lyr_avg 1.00 1.00 1.00 1.00 4.02									
Qct Lend micro lyr_awg 1.00 1.00 1.00 1.00 4.02 4.02 4.02 4.03 4.02 4.03 4.0		subtotal	5.02	5.02	5.02	5.02	20.08	20.08	20.08
Qct Lend micro lyr_awg 1.00 1.00 1.00 1.00 4.02 4.02 4.02 4.03 4.02 4.03 4.0		and the standard to	4.0-	4.0-	4.5-	4.5-	4.5-	4.55	4.55
micro									
Grw, tend, mirco Jyr, avg 1.00 1.00 1.00 4.02	micro								
agr_tend micro_lyr_avg 1.00 1.00 1.00 1.00 4.02 4.02 4.02 4.02 4.02 4.02 4.02 4.02 4.02 4.02 4.02 4.02 4.09 24.00 24.00 26.00 20.00 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>									
surfaces prec_tot_awg									4.02
prec_tot_avg		qgr_tend_micro_lyr_avg	1.00			1.00			4.02
prec. tot. avg 0.00 0.00 0.00 0.02		subtotal	6.02	6.02	6.02	6.02	24.09	24.09	24.09
surfaces prec_frz_awg 0.00 0.00 0.00 0.00 0.02 0.02 0.02 ofr_awg 0.00 0.00 0.00 0.00 0.00 0.00 0.02									
surfaces prec_frz_avg 0.00 0.00 0.00 0.00 0.02		prec_tot_avg	0.00	0.00	0.00	0.00	0.02	0.02	0.02
OF avg 0.00 0.00 0.00 0.00 0.02			0.00	0.00	0.00	0.00	0.02	0.02	0.02
swinc avg 0.00 0.00 0.00 0.00 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.00	surfaces								0.02
subtofal 0.02 0.02 0.02 0.02 0.06 0.06 0.06 turb_flux_ wtr_flux_vdff_ifc_avg 1.00 1.00 1.00 1.00 4.00 4.00 4.00									
turb_flux_ heat_flux_vdiff_ifc_avg 1.00 1.00 1.00 1.00 4.00 4.00 4.00 4.00									
turb_flux_ wtr_flux_vdiff_ifc_avg 1.00 1.00 1.00 1.00 4.00 4.00 4.00			0.02	0.02	0.02	0.02	0.00	0.00	0.00
turb_flux_ wtr_flux_vdiff_ifc_avg 1.00 1.00 1.00 1.00 4.00 4.00 4.00		heat flux wdiff ifc ave	1.00	1.00	1.00	1.00	4.00	4.00	4.00
	turb_flux_								
		suptotal	2.00	2.00	2.00	2.00	8.00	8.00	8.00

nsdm_glbl: number of global grid blocks

									level_	<u>г</u> .			
13	12	11	10	9	8	7	6	5	max 2**(cell_			
671088642	167772162	41943042	10485762	2621442	655362	163842	40962	10242	level_max 2**(2*level_max)	$cell_max = 2 + 10 *$			
	No.		llo e			d 16					10*2**(2*sbdmn_iota))	nsdm_glbl =	sbdmn_iota
			ls p	Jei	grit		UCI						
67108864	16777216	4194304	1048576	262144	65536	16384	4096	1024			10		0
16777216	4194304	1048576	262144	65536	16384	4096	1024	256			40		L
4194304	1048576	262144	65536	16384	4096	1024	256	64			160		2
1048576	262144	65536	16384	4096	1024	256	64	16			640		ω
262144	65536	16384	4096	1024	256	64	16	4			2560		4
65536	16384	4096	1024	256	64	16	4	ב			10240		5
16384	4096	1024	256	64	16	4	1	0.25			40960		6
4096	1024	256	64	16	4	1	0.25	0.0625			163840		7
1024	256	64	16	4	1	0.25	0.0625	0.015625			655360		8

physics_mode = enabled io_config_file = ZGrd.CP.lyr.fcfg restart_interval = 0 Number of grid variables = 16 Number of field variables = 38 km = 256

nsdm: number of blocks per process

							level_ma	x			
	x jm oc/proc	nsdm	5	6	7	8	9	10	11	12	13
	20	2	18x18	34x34	66x66						
	20	2	249 MiB	872 MiB	OOM						
	40	1	18x18	34x34	66x66						
	40		125 MiB	438 MiB	OOM						
	80	2		18x18	34x34	66x66					
				250 MiB	874 MiB	OOM					
	160	1		18x18	34x34	66x66					
				126 MiB	383 MiB	OOM					
	320	2			18x18	34x34	66x66				
					252 MiB	877 MiB	OOM				
	640	1			18x18	34x34	66x66				
					128 MiB	386 MiB	MOO				
	1280	2				18x18	34x34	66x66			
PEs						266 MiB	898 MiB	OOM			
	2560	1				18x18 142 MiB	34x34 407 MiB	66x66 OOM			
						142 IVIIB	18x18	34x34	66x66		
	5120	2						942 MiB	OOM		
							18x18	34x34	66x66		
	10240	1					162 MiB	508 MiB	OOM		
							TOZ IVIID	18x18	34x34	66x66	
	20480	2							1151 MiB	l	
								18x18	34x34	66x66	
	40960	1							717 MiB	OOM	
	21225								18x18	34x34	66x66
	81920	2							??? MiB	??? MiB	OOM
	162040	1							18x18	34x34	66x66
	163840	1							??? MiB	??? MiB	OOM

OOM: out of memory