Additional output files

Phenology grids which can be configured to create output grids and grid statistics:

\<entity\>	\<internal grid identificators\>
Albedo	*albedo (unique)*
RSE	*SurfaceEvaporationResistance (unique)*
RSI	*SurfaceIntercepResistance1..n (per Layer)*
RSC	*SurfaceCanopyResistance1..n (per Layer)*
z0	*RoughnessLength1..n (per Layer)*
LAI	*leaf_area_index1..n (per Layer)*
ROOT	*root_depth1..n (per Layer)*
VCF	*vegetation_coverage_degree (per Layer)*

How to use this feature:

The new additional parameters may be used optionally in the [standard_grids] list (defaults in brackets):

- fillcode = \<fillcode\> (no default) either fillcode = \<code\> is used, or the code must appear as third parameter without the fillcode-keyword (as in older versions for compatibility).
  possible values:
  0 = do not fill any nodata values;
  1 = nearest neighbor;
  2 = fill nodata with default value.
  If *readcode* = 0, the default value is used for the entire grid (because there is no nearest neighbour).
  If *readcode* = 1, then fillcode must be 2 in order to replace nodata values with the default value.
  If *fillcode* = 1 (and readcode = 1), then the old behaviour of using the nearest neighbours value to fill missing cells is used.

- defaultValue = \<defaultValue\> (default: 0) used to fill missing values in the input grid, if readcode = 1 and fillcode = 2; used also for initializing internally created grids (if readcode = 0)

- writecode = \<writecode\> (default: 0) use one of the common codes for writing grids, e.g. 5 = per time step one grid, 55 = one average grid at the model end plus one grid per time step etc.

- readcode = \<readcode\> (default: 1) defines, if the grid should be read in (1) or internally created (0) . If the parameter is ommitted, the old bahaviour is choosen (readcode=1).

- outname = \<outname\> (empty by default) defines the name or base name for the output grid. If no path is given, the value of the parameter DefaultOutputDirectory will be used as path.

- statfile = \<statisticfile\> (no default) defines the name of an output file with statistics. If no path is given, the value of the parameter DefaultOutputDirectory will be used as path.

- statcode = \<statcode\> (default: 0) example: statcode = 2001 defines the output configuration of the file with statistics as for all other statistics (mean values or sums over nnn time steps for the entire basin plus optionally all sub basins or for all elements n the [output_list]).