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Contents

1	1D INPUT NUMERIC	1
2	3D OUTPUT NUMERIC	12
3	1D OUTPUT NUMERIC	29
4	1D INPUT CHARACTER	33
5	3D INPUT CHARACTER	39
6	3D INPUT CHARACTER	40
7	1D OUTPUT CHARACTER	44
8	3D OUTPUT CHARACTER	54
9	RECOVERY 3D CHARACTER	62

1 1D INPUT NUMERIC

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
PointHorizon	ID number to which corresponds the horizon file	-		NA	vec	num

Table 1: Table of topographic parameters (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
InitSWE	Initial snow water equivalent (SWE) - used if no snow map is given	kg m ⁻²		0	sca	num
InitSnowDensity	INITIAL SNOW DENSITY - uniform with depth	kg m ⁻³		200	sca	num
InitSnowTemp	INITIAL SNOW TEMPERATURE - uniform with depth	°C		-3	sca	num
InitSnowAge	INITIAL SNOW AGE	days		0	sca	num
InitGlacierDepth	GLACIER DEPTH - used if no snow map is given	mm		0	sca	num
InitGlacierDensity	INITIAL GLACIER DENSITY - uniform with depth	kg m ⁻³		800	sca	num
InitGlacierTemp	INITIAL GLACIER TEMPERATURE - uniform with depth	°C		-3	sca	num
InitWaterTableHeightOverTopoSurface	initial condition on water table depth (positive downwards from ground surface). Used if InitSoilPressure is void	mm		0	sca	num
InitSoilPressure		mm		NA	vec	num
InitSoilTemp		°C		5	vec	num
InitSoilPressureBedrock		mm		NA	vec	num
InitSoilTempBedrock		°C		5	vec	num

Table 2: Table of initial condition (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
Iobsint	Let Micromet determine an appropriate "radius of influence" (=0), or define the "radius of influence" you want the model to use (=1). 1=use obs interval below, 0=use model generated interval.	-		1	sca	num
Dn	The "radius of influence" or "observation interval" you want the model to use for the interpolation. In units of deltax, deltax.	-		1	sca	num
SlopeWeight	Weight assigned to the slope (as tangent when it is < 1) in the spatial distribution of the wind speed	-		0	sca	num
CurvatureWeight	Weight assigned to the curvature (as second derivative of the topographic surface) in the spatial distribution of the wind speed	-		0	sca	num
SlopeWeightD				0	sca	num
CurvatureWeightD				0	sca	num
SlopeWeightI				0	sca	num
CurvatureWeightI				0	sca	num

Table 3: Table of spatial distribution method parameters (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
ThetaResBedrock		-		0.05	vec	num
WiltingPointBedrock		-		0.15	vec	num
FieldCapacityBedrock		-		0.25	vec	num
ThetaSatBedrock		-		0.5	vec	num
AlphaVanGenuchtenBedrock		mm^{-1}		0.004	vec	num
NVanGenuchtenBedrock		-		1.3	vec	num
VMualemBedrock		-		0.5	vec	num
ThermalConductivitySoilSolidsBedrock	thermal conductivity of the bedrock	$\text{W m}^{-1} \text{K}^{-1}$		2.5	vec	num
ThermalCapacitySoilSolidsBedrock	thermal capacity of the bedrock	$\text{J m}^{-3} \text{K}^{-1}$		1.00E+06	vec	num
SpecificStorativityBedrock		mm^{-1}		1.00E-07	vec	num

Table 4: Table of rock parameters (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
InitDateDDMMYYYYhhmm	Date and time of the simulation start in date12 format (MANDATORY)	format DDM-MYYhhmm	01/01/1800 00:00, 01/01/2500 00:00	NA	vec	str
EndDateDDMMYYYYhhmm	Date and time of the simulation start in date12 format (MANDATORY)	format DDM-MYYhhmm	01/01/1800 00:00, 01/01/2500 00:00	NA	vec	str
NumSimulationTimes	How many times the simulation is run (if >1, it uses the final condition as initial conditions of the new simulation)	-	0, inf	1	vec	num
StandardTimeSimulation	Standard time to which all the output data are referred (difference respect UMT, in hours): GMT + x [h]	h	0, 12	0	sca	num
PointSim	Point simulation (=1), distributed simulation (=0)	-	0, 1	0	sca	opt
RecoverSim	Simulation recovered (=number of saving point you want to start from), otherwise (=0)	-	0, 1	0	sca	opt
WaterBalance	Activate water balance (Yes=1, No=0)	-		0	sca	opt
EnergyBalance	Activate energy balance (Yes=1, No=0)			0	sca	opt
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
PixelCoordinates	Write 1 IF ALL point COORDINATES ARE IN FORMAT (EAST,NORTH) in meters, Or 0 IF IN FORMAT ROW AND COLUMNS (r,c) of the dem map	-		1	sca	opt
SavingPoints		-		NA	vec	num
SoilLayerTypes	Number of types of soil types, corresponding to different soil stratigraphies	-		1	sca	num
DefaultSoilTypeLand	given a multiple number of type of soil, this relates to the default given to the land type type	-		1	sca	num
DefaultSoilTypeChannel	given a multiple number of type of soil, this relates to the default given to the channel type	-		1	sca	num

Table 5: Table of general parameters (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
LWinParameterization	Which formula for incoming longwave radiation: 1 (Brutsaert, 1975), 2 (Satterlund, 1979), 3 (Idso, 1981), 4(Idso+Hodges), 5 (Koenig-Langlo & Augstein, 1994), 6 (Andreas & Ackley, 1982), 7 (Konzelmann, 1994), 8 (Prata, 1996), 9 (Dilley 1998)		1, 2, ..., 9	9	sca	opt
MoninObukhov	Atmospherical stability parameter: 1 stability and instability considered, 2 stability not considered, 3 instability not considered, 4 always neutrality			1	sca	num
Surroundings	Yes(1), No(0)	-		0	sca	opt

Table 6: Table of surface energy flux parameters (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
Latitude	Average latitude of the basin, positive means north, negative means south (MANDATORY)	degree	-90, 90	45	sca	num
Longitude	Average longitude of the basin, eastwards from 0 meridian (MANDATORY)	degree	0, 180	0	sca	num
PointID	identification code for the point of simulation			NA	sca	num
CoordinatePointX	coordinate X if PixelCoordinates is 1, number of row of the matrix if PixelCoordinates is 0	m (according to the geographical projection of the maps)		NA	vec	num
CoordinatePointY	coordinate Y if PixelCoordinates is 1, number of column of the matrix if PixelCoordinates is 1	m (according to the geographical projection of the maps)		NA	vec	num
PointElevation	elevation of the point of simulation	m a.s.l.		NA	vec	num
PointSlope	Slope steepness of the simulation point	degree		NA	vec	num
PointAspect	Aspect of the simulation point	degree		NA	vec	num
PointSkyViewFactor	Sky View Factor of the simulation point	-		NA	vec	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
PointCurvatureNorthSouthDirection	N-S curvature of the simulation point	m^{-1}		NA	vec	num
PointCurvatureWestEastDirection	W-E curvature of the simulation point	m^{-1}		NA	vec	num
PointCurvatureNorthwest Southeast-Direction	N-W curvature of the simulation point	m^{-1}		NA	vec	num
PointCurvatureNortheast Southwest-Direction	N-E curvature of the simulation point	m^{-1}		NA	vec	num
PointDrainageLateralDistance	Lateral Drainage distance of the simulation point	m		NA	vec	num
PointLatitude	Latitude of the simulation point	degree		NA	sca	num
PointLongitude	Longitude of the simulation point	degree		NA	sca	num

Table 7: Table of topographic parameters (numeric)

2 3D OUTPUT NUMERIC

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
DtPlotPoint	Plotting Time step (in hour) of THE OUTPUT FOR SPECIFIED PIXELS (0 means the it is not plotted)	h	0, inf	0	vec	num
DatePoint	column number in which one would like to visualize the Date12[DDMMYYYYhhmm]	-	1, 76	-1	sca	num
JulianDayFromYear0Point	column number in which one would like to visualize the Julian-DayFromYear0[days]	-	1, 76	-1	sca	num
TimeFromStartPoint	column number in which one would like to visualize the TimeFromStart[days]	-	1, 76	-1	sca	num
PeriodPoint	column number in which one would like to visualize the Simulation_Period	-	1, 76	-1	sca	num
RunPoint	column number in which one would like to visualize the Run	-	1, 76	-1	sca	num
IDPointPoint	column number in which one would like to visualize the IDpoint	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
PsnowPoint	column number in which one would like to visualize the Psnow_over_canopy[mm]	-	1, 76	-1	sca	num
PrainPoint	column number in which one would like to visualize the Prain_over_canopy[mm]	-	1, 76	-1	sca	num
PsnowNetPoint	column number in which one would like to visualize the Psnow_under_canopy[mm]	-	1, 76	-1	sca	num
PrainNetPoint	column number in which one would like to visualize the Prain_under_canopy[mm]	-	1, 76	-1	sca	num
PrainOnSnowPoint	column number in which one would like to visualize the Prain_rain_on_snow[mm]	-	1, 76	-1	sca	num
WindSpeedPoint	column number in which one would like to visualize the Wind_speed[m/s]	-	1, 76	-1	sca	num
WindDirPoint	column number in which one would like to visualize the Wind_direction[deg]	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
RHPoint	column number in which one would like to visualize the Relative_Humidity[-]	-	1, 76	-1	sca	num
AirPressPoint	column number in which one would like to visualize the Pressure[mbar]	-	1, 76	-1	sca	num
AirTempPoint	column number in which one would like to visualize the Tair[°C]	-	1, 76	-1	sca	num
TDewPoint	column number in which one would like to visualize the Tdew[°C]	-	1, 76	-1	sca	num
TsurfPoint	column number in which one would like to visualize the Tsurface[°C]	-	1, 76	-1	sca	num
TvegPoint	column number in which one would like to visualize the Tvegetation[°C]	-	1, 76	-1	sca	num
TCanopyAirPoint	column number in which one would like to visualize the Tcanopyair[°C]	-	1, 76	-1	sca	num
SurfaceEBPoint	column number in which one would like to visualize the Surface_Energy_balance [W/m2]	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
SoilHeatFluxPoint	column number in which one would like to visualize the Soil_heat_flux[W/m2]	-	1, 76	-1	sca	num
SWinPoint	column number in which one would like to visualize the SWin[W/m2]	-	1, 76	-1	sca	num
SWbeamPoint	column number in which one would like to visualize the SWbeam[W/m2]	-	1, 76	-1	sca	num
SWdiffPoint	column number in which one would like to visualize the SWdiff[W/m2]	-	1, 76	-1	sca	num
LWinPoint	column number in which one would like to visualize the LWin[W/m2]	-	1, 76	-1	sca	num
LWinMinPoint	column number in which one would like to visualize the LWin_min[W/m2]	-	1, 76	-1	sca	num
LWinMaxPoint	column number in which one would like to visualize the LWin_max[W/m2]	-	1, 76	-1	sca	num
SWNetPoint	column number in which one would like to visualize the SWnet[W/m2]	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
LWNetPoint	column number in which one would like to visualize the LWnet[W/m2]	-	1, 76	-1	sca	num
HPoint	column number in which one would like to visualize the H[W/m2]	-	1, 76	-1	sca	num
LEPoint	column number in which one would like to visualize the LE[W/m2]	-	1, 76	-1	sca	num
CanopyFractionPoint	column number in which one would like to visualize the Canopy_fraction[-]	-	1, 76	-1	sca	num
LSAIPoint	column number in which one would like to visualize the LSAI[m2/m2]	-	1, 76	-1	sca	num
z0vegPoint	column number in which one would like to visualize the z0veg[m]	-	1, 76	-1	sca	num
d0vegPoint	column number in which one would like to visualize the d0veg[m]	-	1, 76	-1	sca	num
EstoredCanopyPoint	column number in which one would like to visualize the Es-tored_canopy[W/m2]	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
SWvPoint	column number in which one would like to visualize the SWv[W/m2]	-	1, 76	-1	sca	num
LWvPoint	column number in which one would like to visualize the LWv[W/m2]	-	1, 76	-1	sca	num
HvPoint	column number in which one would like to visualize the Hv[W/m2]	-	1, 76	-1	sca	num
LEvPoint	column number in which one would like to visualize the LEv[W/m2]	-	1, 76	-1	sca	num
HgUnvegPoint	column number in which one would like to visualize the Hg_unveg[W/m2]	-	1, 76	-1	sca	num
LEgUnvegPoint	column number in which one would like to visualize the LEg_unveg[W/m2]	-	1, 76	-1	sca	num
HgVegPoint	column number in which one would like to visualize the Hg_veg[W/m2]	-	1, 76	-1	sca	num
LEgVegPoint	column number in which one would like to visualize the LEg_veg[W/m2]	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
EvapSurfacePoint	column number in which one would like to visualize the Evap_surface[mm]	-	1, 76	-1	sca	num
TraspCanopyPoint	column number in which one would like to visualize the Trasp_canopy[mm]	-	1, 76	-1	sca	num
WaterOnCanopyPoint	column number in which one would like to visualize the Water_on_canopy[mm]	-	1, 76	-1	sca	num
SnowOnCanopyPoint	column number in which one would like to visualize the Snow_on_canopy[mm]	-	1, 76	-1	sca	num
QVegPoint	column number in which one would like to visualize the specific humidity near the vegetation (grams vapour/grams air)	-	1, 76	-1	sca	num
QSurfPoint	column number in which one would like to visualize the specific humidity at the surface (grams vapour/grams air)	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
QAirPoint	column number in which one would like to visualize the specific humidity at air (grams vapour/grams air)	-	1, 76	-1	sca	num
QCanopyAirPoint	column number in which one would like to visualize the specific humidity at the canopy-air interface (grams vapour/grams air)	-	1, 76	-1	sca	num
LObukhovPoint	column number in which one would like to visualize the LObukhov[m]	-	1, 76	-1	sca	num
LObukhovCanopyPoint	column number in which one would like to visualize the LObukhovcanopy[m]	-	1, 76	-1	sca	num
WindSpeedTopCanopyPoint	column number in which one would like to visualize the Wind_speed_top_canopy [m/s]	-	1, 76	-1	sca	num
DecayKCanopyPoint	column number in which one would like to visualize the Decay_of_K_in_canopy[-]	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
SWupPoint	column number in which one would like to visualize the SWup[W/m ²]	-	1, 76	-1	sca	num
LWupPoint	column number in which one would like to visualize the LWup[W/m ²]	-	1, 76	-1	sca	num
HupPoint	column number in which one would like to visualize the Hup[W/m ²]	-	1, 76	-1	sca	num
LEupPoint	column number in which one would like to visualize the LEup[W/m ²]	-	1, 76	-1	sca	num
SnowDepthPoint	column number in which one would like to visualize the snow_depth[mm]	-	1, 76	-1	sca	num
SWEPoint	column number in which one would like to visualize the snow_water_equivalent [mm]	-	1, 76	-1	sca	num
SnowDensityPoint	column number in which one would like to visualize the snow_density[kg/m ³]	-	1, 76	-1	sca	num
SnowTempPoint	column number in which one would like to visualize the snow_temperature[°C]	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
SnowMeltedPoint	column number in which one would like to visualize the snow_melted[mm]	-	1, 76	-1	sca	num
SnowSublPoint	column number in which one would like to visualize the snow_subl[mm]	-	1, 76	-1	sca	num
SWEBlownPoint	column number in which one would like to visualize the snow_blow_away[mm]	-	1, 76	-1	sca	num
SWESublBlownPoint	column number in which one would like to visualize the snow_subl_while_blow_away[mm]	-	1, 76	-1	sca	num
GlacDepthPoint	column number in which one would like to visualize the glac_depth[mm]	-	1, 76	-1	sca	num
GWEPPoint	column number in which one would like to visualize the glac_water_equivalent[mm]	-	1, 76	-1	sca	num
GlacDensityPoint	column number in which one would like to visualize the glac_density[kg/m ³]	-	1, 76	-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
GlacTempPoint	column number in which one would like to visualize the glac_temperature[°C]	-	1, 76	-1	sca	num
GlacMeltedPoint	column number in which one would like to visualize the glac_melted[mm]	-	1, 76	-1	sca	num
GlacSublPoint	column number in which one would like to visualize the glac_subl[mm]	-	1, 76	-1	sca	num
ThawedSoilDepthPoint	column number in which one would like to visualize the thawed_soil_depth[mm]	-	1, 76	-1	sca	num
WaterTableDepthPoint	column number in which one would like to visualize the water_table_depth[mm]	-	1, 76	-1	sca	num
DefaultPoint	0: use personal setting, 1:use default	-	0, 1	1	sca	opt

Table 8: Table of point output (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
OutputMeteoMaps	frequency (h) of printing of the results of the meteo maps	h		0	sca	num
SpecialPlotBegin	date of begin of plotting of the special output	format DDM-MYYhhmm	01/01/1800 00:00, 01/01/2500 00:00	0	vec	str
SpecialPlotEnd	date of end of plotting of the special output	format DDM-MYYhhmm	01/01/1800 00:00, 01/01/2500 00:00	0	vec	str

Table 9: Table of meteo output (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
OutputSnowMaps	frequency (h) of printing of the results of the snow maps	h		0	sca	num
DateSnow	column number in which one would like to visualize the Date12[DDMMYYYY hhmm]	-		-1	sca	num
JulianDayFromYear0Snow	column number in which one would like to visualize the Julian-DayFromYear0[days]	-		-1	sca	num
TimeFromStartSnow	column in which one would like to visualize the Time-FromStart[days]	-		-1	sca	num
PeriodSnow	Column number to write the period number	-		-1	sca	num
RunSnow	Column number to write the run number	-		-1	sca	num
IDPointSnow	column number in which one would like to visualize the IDpoint	-		-1	sca	num
WaterEquivalentSnow	column number in which one would like the water equivalent of the snow	-		-1	sca	num
DepthSnow	column number in which one would like to visualize the depth of the snow	-		-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
DensitySnow	column number in which one would like to visualize the density of the snow	-		-1	sca	num
TempSnow	column number in which one would like to visualize the temperature of the snow	-		-1	sca	num
IceContentSnow	column number in which one would like to visualize the ice content of the snow	-		-1	sca	num
WatContentSnow	column number in which one would like to visualize the water content of the snow	-		-1	sca	num
DefaultSnow	0: use personal setting, 1:use default	-	0, 1	1	sca	opt
SnowPlotDepths	depth at which one wants the data on the snow to be plotted	-		NA	vec	num

Table 10: Table of snow output (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
OutputVegetationMaps	frequency (h) of printing of the results of the vegetation maps	h		0	sca	num

Table 11: Table of vegetation output (numeric)

3 1D OUTPUT NUMERIC

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
DateSnow	column number in which one would like to visualize the Date12 [DDM-MYYYYhhmm]	-		-1	sca	num
JulianDayFromYear0Snow	column number in which one would like to visualize the Julian-DayFromYear0[days]	-		-1	sca	num
TimeFromStartSnow	column in which one would like to visualize the Time-FromStart[days]	-		-1	sca	num
PeriodSnow	Column number to write the period number	-		-1	sca	num
RunSnow	Column number to write the run number	-		-1	sca	num
IDPointSnow	column number in which one would like to visualize the IDpoint	-		-1	sca	num
WaterEquivalentSnow	column number in which one would like the water equivalent of the snow	-		-1	sca	num
DepthSnow	column number in which one would like to visualize the depth of the snow	-		-1	sca	num
DensitySnow	column number in which one would like to visualize the density of the snow	-		-1	sca	num
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Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
TempSnow	column number in which one would like to visualize the temperature of the snow	-		-1	sca	num
IceContentSnow	column number in which one would like to visualize the ice content of the snow	-		-1	sca	num
WatContentSnow	column number in which one would like to visualize the water content of the snow	-		-1	sca	num
DefaultSnow	0: use personal setting, 1:use default	-	0, 1	1	sca	opt
SnowPlotDepths	depth at which one wants the data on the snow to be plotted	-		NA	vec	num

Table 12: Table of snow output (numeric)

Keyword	Description	M. U.	range	Default Value	Scalar / Vector	Logical / Numeric
DateSoil	column number in which one would like to visualize the Date12 [DDM-MYYYYhhmm]	-		-1	sca	num
JulianDayFromYear0Soil	column number in which one would like to visualize the Julian-DayFromYear0[days]	-		-1	sca	num
TimeFromStartSoil	column number in which one would like to visualize the time from the start of the soil	-		-1	sca	num
PeriodSoil	Column number to write the period number	-		-1	sca	num
RunSoil	Column number to write the run number	-		-1	sca	num
IDPointSoil	column number in which one would like to visualize the IDpoint	-		-1	sca	num
DefaultSoil	0: use personal setting, 1:use default	-	0, 1	1	sca	opt
SoilPlotDepths	depth at which one wants the data on the snow to be plotted	m		NA	vec	num

Table 13: Table of snow output (numeric)

4 1D INPUT CHARACTER

Keyword	Description	Associated file	type (file, header)
HeaderSoilInitPres	column name in the file SoilParFile for the initial total pressure head	SoilParFile	header
HeaderSoilInitTemp	column name in the file SoilParFile for the initial temperature	SoilParFile	header

Table 14: Table of initial conditions (character)

Keyword	Description	Associated file	type (file, header)
HeaderPointDepthFreeSurface	column name in the file PointFile for the depth of the free surface of the point	PointFile	header

Table 15: Table of runoff parameters (character)

Keyword	Description	Associated file	type (file, header)
HeaderPointMaxSWE	column name in the file PointFile for the max SWE of the point	PointFile	header

Table 16: Table of snow parameters (character)

Keyword	Description	Associated file	type (file, header)
HeaderPointSoilType	column name in the file PointFile for the soil type of the point	PointFile	header
HeaderSoilDz	column name in the file SoilParFile for the layers thickness	SoilParFile	header
HeaderNormalHydrConductivity	column name in the file SoilParFile for the normal hydraulic conductivity	SoilParFile	header
HeaderLateralHydrConductivity	column name in the file SoilParFile for the lateral hydraulic conductivity	SoilParFile	header
HeaderThetaRes	column name in the file SoilParFile for the residual water content	SoilParFile	header
HeaderWiltingPoint	column name in the file SoilParFile for the soil wilting point	SoilParFile	header
HeaderFieldCapacity	column name in the file SoilParFile for the field capacity	SoilParFile	header
HeaderThetaSat	column name in the file SoilParFile for the saturated water content	SoilParFile	header
HeaderAlpha	column name in the file alpha parameter of Van Genuchten	SoilParFile	header
HeaderN	column name in the file N parameter of Van Genuchten	SoilParFile	header
HeaderV	column name in the file V parameter of Van Genuchten	SoilParFile	header
HeaderKthSoilSolids	column name in the file thermal conductivity of the soil grains	SoilParFile	header
HeaderCthSoilSolids	column name in the file thermal capacity of the soil grains	SoilParFile	header
HeaderSpecificStorativity	column name in the file specific storativity	SoilParFile	header

Table 17: Table of soil parameters (character)

Keyword	Description	Associated file	type (file, header)
HeaderPointLandCoverType	column name in the file PointFile for the land cover of the point	PointFile	header

Table 18: Table of soil surface parameters (character)

5 3D INPUT CHARACTER

Keyword	Description	Associated file	type (file, header)
TimeDependentVegetationParameterFile	name of the file providing the time dependent vegetation parameters	/	file

Table 19: Table of vegetation parameters (character)

6 3D INPUT CHARACTER

Keyword	Description	Associated file	type (file, header)
HeaderDateDDMMYYYYhhmmMeteo	column name in the file MeteoFile for the variable DateDDMMYYYYhhmmMeteo	MeteoFile	header
HeaderJulianDayfrom0Meteo	column name in the file MeteoFile for the variable julian day from 0	MeteoFile	header
HeaderIPrec	column name in the file MeteoFile for the variable precipitation	MeteoFile	header
HeaderWindVelocity	column name in the file MeteoFile for the variable wind speed	MeteoFile	header
HeaderWindDirection	column name in the file MeteoFile for the variable wind direction	MeteoFile	header
HeaderWindX	column name in the file MeteoFile for the variable wind X	MeteoFile	header
HeaderWindY	column name in the file MeteoFile for the variable wind Y	MeteoFile	header
HeaderRH	column name in the file MeteoFile for the variable Relative humidity	MeteoFile	header
HeaderAirTemp	column name in the file MeteoFile for the variable Air Temperature	MeteoFile	header
HeaderDewTemp	column name in the file MeteoFile for the variable Dew temperature	MeteoFile	header
HeaderAirPress	column name in the file MeteoFile for the variable Air Pressure	MeteoFile	header
HeaderSWglobal	column name in the file MeteoFile for the variable SW global	MeteoFile	header
HeaderSWdirect	column name in the file MeteoFile for the variable Swdirect	MeteoFile	header
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Keyword	Description	Associated file	type (file, header)
HeaderSWdiffuse	column name in the file MeteoFile for the variable Swdiffuse	MeteoFile	header
HeaderCloudSWTransmissivity	column name in the file MeteoFile for the variable transmissivity of SW through cloud	MeteoFile	header
HeaderCloudFactor	column name in the file MeteoFile for the variable cloud factor	MeteoFile	header
HeaderLWin	column name in the file MeteoFile for the variable LW in	MeteoFile	header
HeaderSWnet	column name in the file MeteoFile for the variable SW net	MeteoFile	header

Table 20: Table of meteorological forcing (meteo data - character)

Keyword	Description	Associated file	type (file, header)
HeaderSoilDz	column name in the file SoilParFile for the layers thickness	SoilParFile	header
HeaderNormalHydrConductivity	column name in the file SoilParFile for the normal hydraulic conductivity	SoilParFile	header
HeaderLateralHydrConductivity	column name in the file SoilParFile for the lateral hydraulic conductivity	SoilParFile	header
HeaderThetaRes	column name in the file SoilParFile for the residual water content	SoilParFile	header
HeaderWiltingPoint	column name in the file SoilParFile for the soil wilting point	SoilParFile	header
HeaderFieldCapacity	column name in the file SoilParFile for the field capacity	SoilParFile	header
HeaderThetaSat	column name in the file SoilParFile for the saturated water content	SoilParFile	header
HeaderAlpha	column name in the file alpha parameter of Van Genuchten	SoilParFile	header
HeaderN	column name in the file N parameter of Van Genuchten	SoilParFile	header
HeaderV	column name in the file V parameter of Van Genuchten	SoilParFile	header
HeaderKthSoilSolids	column name in the file thermal conductivity of the soil grains	SoilParFile	header
HeaderCthSoilSolids	column name in the file thermal capacity of the soil grains	SoilParFile	header
HeaderSpecificStorativity	column name in the file specific storativity	SoilParFile	header

Table 21: Table of soil (character)

Keyword	Description	Associated file	type (file, header)
InitWaterTableHeightOverTopoSurfaceMapFile	name of the file providing the initial condition on the water table height map	/	map
InitSnowDepthMapFile	name of the file providing the initial condition on the snow depth map	/	map
InitSnowAgeMapFile	name of the file providing the initial condition on the snow age map	/	map
InitGlacierDepthMapFile	name of the file providing the initial condition on the glacier depth map	/	map
HeaderSoilInitPres	column name in the file SoilParFile for the initial total pressure head	SoilParFile	header
HeaderSoilInitTemp	column name in the file SoilParFile for the initial temperature	SoilParFile	header

Table 22: Table of initial condition (character)

7 1D OUTPUT CHARACTER

Keyword	Description	Associated file	type (file, header)
SoilTempProfileFile	name of the output file providing the Soil/rock instantaneous temperature values at various depths	/	file
SoilTempProfileFileWriteEnd	name of the output file providing the Soil/rock instantaneous temperature values at various depths written just once at the end	/	file
SoilAveragedTempProfileFile	name of the output file providing the Soil/rock average (in DtPlotPoint) temperature values at various depths	/	file
SoilAveragedTempProfileFileWriteEnd	name of the output file providing the Soil/rock average (in DtPlotPoint) temperature values at various depths written just once at the end	/	file
SoilLiqWaterPressProfileFile	name of the output file providing the Soil/rock instantaneous liquid water pressure head values at various depths	/	file
SoilLiqWaterPressProfileFileWriteEnd	name of the output file providing the Soil/rock instantaneous liquid water pressure head values at various depths written just once at the end	/	file
SoilTotWaterPressProfileFile	name of the output file providing the Soil/rock instantaneous total (water+ice) pressure head values at various depths	/	file
SoilTotWaterPressProfileFileWriteEnd	name of the output file providing the Soil/rock instantaneous total (water+ice) pressure head values at various depths written just once at the end	/	file
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Keyword	Description	Associated file	type (file, header)
SoilLiqContentProfileFile	name of the output file providing the Soil/rock instantaneous liquid water content values at various depths	/	file
SoilLiqContentProfileFileWriteEnd	name of the output file providing the Soil/rock instantaneous liquid water content values at various depths written just once at the end	/	file
SoilAveragedLiqContentProfileFile	name of the output file providing the Soil/rock average (in DtPlotPoint) liquid water content values at various depths	/	file
SoilAveragedLiqContentProfileFileWriteEnd	name of the output file providing the Soil/rock average (in DtPlotPoint) liquid water content values at various depths written just once at the end	/	file
SoilIceContentProfileFile	name of the output file providing the Soil/rock instantaneous ice content values at various depths	/	file
SoilIceContentProfileFileWriteEnd	name of the output file providing the Soil/rock instantaneous ice content values at various depths written just once at the end	/	file
SoilAveragedIceContentProfileFile	name of the output file providing the Soil/rock average (in DtPlotPoint) ice content values at various depths	/	file
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Keyword	Description	Associated file	type (file, header)
SoilAveragedIceContentProfile FileWriteEnd	name of the output file providing the Soil/rock average (in DtPlotPoint) ice content values at various depths written just once at the end	/	file
HeaderDateSoil	column name in the file PointOutputFile for the variable Date		header
HeaderJulianDayFromYear0Soil	column name in the file PointOutputFile for the variable Julian Day from 0		header
HeaderTimeFromStartSoil	column name in the file PointOutputFile for the variable Time from start		header
HeaderPeriodSoil	column name in the file PointOutputFile for the variable Simulation period		header
HeaderRunSoil	column name in the file PointOutputFile for the variable Run		header
HeaderIDPointSoil	column name in the file PointOutputFile for the variable IDPoint		header
HeaderThawedSoilDepthPoint	column name in the file PointOutputFile for the variable ThawedSoilDepthPoint	PointOutputFile	header
HeaderWaterTableDepthPoint	column name in the file PointOutputFile for the variable WaterTableDepthPoint	PointOutputFile	header

Table 23: Table of meteorological parameters (character)

Keyword	Description	Associated file	type (file, header)
SnowProfileFile	name of the output file providing the snow instantaneous values at various depths	/	file
SnowProfileFileWriteEnd	name of the output file providing the snow instantaneous values at various depths written just once at the end	/	file
SnowCoveredAreaFile	Name of the output file containing the percentage of the area covered by snow	/	file
HeaderDateSnow	column name in the file SnowProfileFile for the variable Date	SnowProfileFile	header
HeaderJulianDayFromYear0Snow	column name in the file SnowProfileFile for the variable Julian Day from 0	SnowProfileFile	header
HeaderTimeFromStartSnow	column name in the file SnowProfileFile for the variable Time from start	SnowProfileFile	header
HeaderPeriodSnow	column name in the file SnowProfileFile for the variable Simulation period	SnowProfileFile	header
HeaderRunSnow	column name in the file SnowProfileFile for the variable Run	SnowProfileFile	header
HeaderIDPointSnow	column name in the file SnowProfileFile for the variable IDPoint	SnowProfileFile	header
HeaderTempSnow	column name in the file SnowProfileFile for the variable temperature	SnowProfileFile	header
HeaderIceContentSnow	column name in the file SnowProfileFile for the variable ice content	SnowProfileFile	header
HeaderWatContentSnow	column name in the file SnowProfileFile for the variable liquid content	SnowProfileFile	header
HeaderDepthSnow	column name in the file SnowProfileFile for the variable Depth	SnowProfileFile	header
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Keyword	Description	Associated file	type (file, header)
HeaderPsnowNetPoint	column name in the file PointOutputFile for the variable PsnowNetPoint	PointOutputFile	header
HeaderSnowDepthPoint	column name in the file PointOutputFile for the variable SnowDepthPoint	PointOutputFile	header
HeaderSWEPoint	column name in the file PointOutputFile for the variable SWEPoint	PointOutputFile	header
HeaderSnowDensityPoint	column name in the file PointOutputFile for the variable SnowDensityPoint	PointOutputFile	header
HeaderSnowTempPoint	column name in the file PointOutputFile for the variable SnowTempPoint	PointOutputFile	header
HeaderSnowMeltedPoint	column name in the file PointOutputFile for the variable SnowMeltedPoint	PointOutputFile	header
HeaderSnowSublPoint	column name in the file PointOutputFile for the variable SnowSublPoint	PointOutputFile	header
HeaderSWEBlownPoint	column name in the file PointOutputFile for the variable SWEBlownPoint	PointOutputFile	header
HeaderSWESublBlownPoint	column name in the file PointOutputFile for the variable SWESublBlownPoint	PointOutputFile	header

Table 24: Table of snow parameters (character)

Keyword	Description	Associated file	type (file, header)
HeaderSurfaceEBPoint	column name in the file PointOutputFile for the variable SurfaceEBPoint	PointOutputFile	header
HeaderSoilHeatFluxPoint	column name in the file PointOutputFile for the variable SoilHeatFluxPoint	PointOutputFile	header
HeaderSWinPoint	column name in the file PointOutputFile for the variable SWinPoint	PointOutputFile	header
HeaderSWbeamPoint	column name in the file PointOutputFile for the variable SWbeamPoint	PointOutputFile	header
HeaderSWdiffPoint	column name in the file PointOutputFile for the variable SWdiffPoint	PointOutputFile	header
HeaderLWinPoint	column name in the file PointOutputFile for the variable LWinPoint	PointOutputFile	header
HeaderLWinMinPoint	column name in the file PointOutputFile for the variable LWinMinPoint	PointOutputFile	header
HeaderLWinMaxPoint	column name in the file PointOutputFile for the variable LWinMaxPoint	PointOutputFile	header
HeaderSWNetPoint	column name in the file PointOutputFile for the variable SWNetPoint	PointOutputFile	header
HeaderLWNetPoint	column name in the file PointOutputFile for the variable LWNetPoint	PointOutputFile	header
HeaderHPoint	column name in the file PointOutputFile for the variable HPoint	PointOutputFile	header
HeaderLEPoint	column name in the file PointOutputFile for the variable LEPoint	PointOutputFile	header
HeaderQSurfPoint	column name in the file PointOutputFile for the variable specific humidity near the soil surface	PointOutputFile	header
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Keyword	Description	Associated file	type (file, header)
HeaderQAirPoint	column name in the file PointOutputFile for the variable specific humidity of the air	PointOutputFile	header
HeaderLObukhovPoint	column name in the file PointOutputFile for the variable LObukhovPoint	PointOutputFile	header
HeaderSWupPoint	column name in the file PointOutputFile for the variable SWupPoint	PointOutputFile	header
HeaderLWupPoint	column name in the file PointOutputFile for the variable LWupPoint	PointOutputFile	header
HeaderHupPoint	column name in the file PointOutputFile for the variable HupPoint	PointOutputFile	header
HeaderLEupPoint	column name in the file PointOutputFile for the variable LEupPoint	PointOutputFile	header

Table 25: Table of surface energy flux parameters (character)

Keyword	Description	Associated file	type (file, header)
HeaderTvegPoint	column name in the file PointOutputFile for the variable TvegPoint	PointOutputFile	header
HeaderTCanopyAirPoint	column name in the file PointOutputFile for the variable TCanopyAirPoint	PointOutputFile	header
HeaderLSAIPoint	column name in the file PointOutputFile for the variable LSAIPoint	PointOutputFile	header
Headerz0vegPoint	column name in the file PointOutputFile for the variable z0vegPoint	PointOutputFile	header
Headerd0vegPoint	column name in the file PointOutputFile for the variable d0vegPoint	PointOutputFile	header
HeaderEstoredCanopyPoint	column name in the file PointOutputFile for the variable EstoredCanopyPoint	PointOutputFile	header
HeaderSWvPoint	column name in the file PointOutputFile for the variable SWvPoint	PointOutputFile	header
HeaderLWvPoint	column name in the file PointOutputFile for the variable LWvPoint	PointOutputFile	header
HeaderHvPoint	column name in the file PointOutputFile for the variable HvPoint	PointOutputFile	header
HeaderLEvPoint	column name in the file PointOutputFile for the variable LEvPoint	PointOutputFile	header
HeaderHgUnvegPoint	column name in the file PointOutputFile for the variable HgUnvegPoint	PointOutputFile	header
HeaderLEgUnvegPoint	column name in the file PointOutputFile for the variable LEgUnvegPoint	PointOutputFile	header
HeaderHgVegPoint	column name in the file PointOutputFile for the variable HgVegPoint	PointOutputFile	header
HeaderLEgVegPoint	column name in the file PointOutputFile for the variable LEgVegPoint	PointOutputFile	header
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Keyword	Description	Associated file	type (file, header)
HeaderEvapSurfacePoint	column name in the file PointOutputFile for the variable EvapSurfacePoint	PointOutputFile	header
HeaderTraspCanopyPoint	column name in the file PointOutputFile for the variable TraspCanopyPoint	PointOutputFile	header
HeaderWaterOnCanopyPoint	column name in the file PointOutputFile for the variable WaterOnCanopyPoint	PointOutputFile	header
HeaderSnowOnCanopyPoint	column name in the file PointOutputFile for the variable SnowOnCanopyPoint	PointOutputFile	header
HeaderQVegPoint	column name in the file PointOutputFile for the variable specific humidity near the vegetation	PointOutputFile	header
HeaderLObukhovCanopyPoint	column name in the file PointOutputFile for the variable LObukhovCanopyPoint	PointOutputFile	header
HeaderWindSpeedTopCanopyPoint	column name in the file PointOutputFile for the variable WindSpeedTopCanopy-Point	PointOutputFile	header
HeaderDecayKCanopyPoint	column name in the file PointOutputFile for the variable DecayKCanopyPoint	PointOutputFile	header

Table 26: Table of vegetation parameters (character)

8 3D OUTPUT CHARACTER

Keyword	Description	Associated file	type (file, header)
SuccessfulRunFile	column name of the file that summarizes if the simulation has arrived to the end	/	file
FailedRunFile	column name of the file that summarizes if the simulation has failed	/	file
PointOutputFile	name of the output file providing the Point values	/	file
PointOutputFileWriteEnd	name of the output file providing the Point values written just once at the end	/	file
HeaderDatePoint	column name in the file PointOutputFile for the variable DatePoint	PointOutputFile	header
HeaderJulianDayFromYear0Point	column name in the file PointOutputFile for the variable JulianDayFromYear0Point	PointOutputFile	header
HeaderTimeFromStartPoint	column name in the file PointOutputFile for the variable TimeFromStartPoint	PointOutputFile	header
HeaderPeriodPoint	column name in the file PointOutputFile for the variable PeriodPoint	PointOutputFile	header
HeaderRunPoint	column name in the file PointOutputFile for the variable RunPoint	PointOutputFile	header
HeaderIDPointPoint	column name in the file PointOutputFile for the variable IDPointPoint	PointOutputFile	header
HeaderCanopyFractionPoint	column name in the file PointOutputFile for the variable CanopyFractionPoint	PointOutputFile	header

Table 27: Table of general parameters (character)

Keyword	Description	Associated file	type (file, header)
DischargeFile	name of the output file providing the discharge values	/	file

Table 28: Table of channel flow parameters (character)

Keyword	Description	Associated file	type (file, header)
SnowDepthMapFile	name of the output file providing the Snow depth map	/	map
SnowMeltedMapFile	name of the output file providing the Snow melted map	/	map
SnowSublMapFile	name of the output file providing the Snow sublimated map	/	map
SWEMapFile	name of the output file providing the Snow water equivalent (SWE) map	/	map
AveragedSnowDepthMapFile	name of the output file providing the Average snow depth map	/	map
SpecificPlotSnowDepthMapFile	name of the output file providing the snow depth map at high temporal resolution during specific days	/	map
SnowProfileFile	name of the output file providing the snow instantaneous values at various depths	/	file
SnowProfileFileWriteEnd	name of the output file providing the snow instantaneous values at various depths written just once at the end	/	file
SnowCoveredAreaFile	Name of the output file containing the percentage of the area covered by snow	/	file
HeaderDateSnow	column name in the file SnowProfileFile for the variable Date	SnowProfileFile	header
HeaderJulianDayFromYear0Snow	column name in the file SnowProfileFile for the variable Julian Day from 0	SnowProfileFile	header
HeaderTimeFromStartSnow	column name in the file SnowProfileFile for the variable Time from start	SnowProfileFile	header
HeaderPeriodSnow	column name in the file SnowProfileFile for the variable Simulation period	SnowProfileFile	header
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Keyword	Description	Associated file	type (file, header)
HeaderRunSnow	column name in the file SnowProfileFile for the variable Run	SnowProfileFile	header
HeaderIDPointSnow	column name in the file SnowProfileFile for the variable IDPoint	SnowProfileFile	header
HeaderTempSnow	column name in the file SnowProfileFile for the variable temperature	SnowProfileFile	header
HeaderIceContentSnow	column name in the file SnowProfileFile for the variable ice content	SnowProfileFile	header
HeaderWatContentSnow	column name in the file SnowProfileFile for the variable liquid content	SnowProfileFile	header
HeaderDepthSnow	column name in the file SnowProfileFile for the variable Depth	SnowProfileFile	header
HeaderPsnowNetPoint	column name in the file PointOutputFile for the variable PsnowNetPoint	PointOutputFile	header
HeaderSnowDepthPoint	column name in the file PointOutputFile for the variable SnowDepthPoint	PointOutputFile	header
HeaderSWEPoint	column name in the file PointOutputFile for the variable SWEPoint	PointOutputFile	header
HeaderSnowDensityPoint	column name in the file PointOutputFile for the variable SnowDensityPoint	PointOutputFile	header
HeaderSnowTempPoint	column name in the file PointOutputFile for the variable SnowTempPoint	PointOutputFile	header
HeaderSnowMeltedPoint	column name in the file PointOutputFile for the variable SnowMeltedPoint	PointOutputFile	header
HeaderSnowSublPoint	column name in the file PointOutputFile for the variable SnowSublPoint	PointOutputFile	header
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Keyword	Description	Associated file	type (file, header)
HeaderSWEBlownPoint	column name in the file PointOutputFile for the variable SWEBlownPoint	PointOutputFile	header
HeaderSWESublBlownPoint	column name in the file PointOutputFile for the variable SWESublBlownPoint	PointOutputFile	header

Table 29: Table of snow parameters (character)

Keyword	Description	Associated file	type (file, header)
CanopyInterceptedWaterMapFile	name of the output file providing the canopy intercepted water map	/	map
SpecificPlotVegSensibleHeatFluxMapFile	name of the output file providing the vegetation sensible heat flux map at high temporal resolution during specific days	/	map
SpecificPlotVegLatentHeatFluxMapFile	name of the output file providing the vegetation latent heat flux map at high temporal resolution during specific days	/	map
SpecificPlotNetVegShortwaveRadMapFile	name of the output file providing the vegetation Swnet flux map at high temporal resolution during specific days	/	map
SpecificPlotNetVegLongwaveRadMapFile	name of the output file providing the vegetation Lwnet map at high temporal resolution during specific days	/	map
SpecificPlotCanopyAirTempMapFile	name of the output file providing the canopy air temperature map at high temporal resolution during specific days	/	map
SpecificPlotVegTempMapFile	name of the output file providing the vegetation temperature map at high temporal resolution during specific days	/	map
SpecificPlotAboveVegAirTempMapFile	name of the output file providing the above vegetation air temperature map at high temporal resolution during specific days	/	map
HeaderTvegPoint	column name in the file PointOutputFile for the variable TvegPoint	PointOutputFile	header
HeaderTCanopyAirPoint	column name in the file PointOutputFile for the variable TCanopyAirPoint	PointOutputFile	header
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Keyword	Description	Associated file	type (file, header)
HeaderLSAIPoint	column name in the file PointOutputFile for the variable LSAIPoint	PointOutputFile	header
Headerz0vegPoint	column name in the file PointOutputFile for the variable z0vegPoint	PointOutputFile	header
Headerd0vegPoint	column name in the file PointOutputFile for the variable d0vegPoint	PointOutputFile	header
HeaderEstoredCanopyPoint	column name in the file PointOutputFile for the variable EstoredCanopyPoint	PointOutputFile	header
HeaderSWvPoint	column name in the file PointOutputFile for the variable SWvPoint	PointOutputFile	header
HeaderLWvPoint	column name in the file PointOutputFile for the variable LWvPoint	PointOutputFile	header
HeaderHvPoint	column name in the file PointOutputFile for the variable HvPoint	PointOutputFile	header
HeaderLEvPoint	column name in the file PointOutputFile for the variable LEvPoint	PointOutputFile	header
HeaderHgUnvegPoint	column name in the file PointOutputFile for the variable HgUnvegPoint	PointOutputFile	header
HeaderLEgUnvegPoint	column name in the file PointOutputFile for the variable LEgUnvegPoint	PointOutputFile	header
HeaderHgVegPoint	column name in the file PointOutputFile for the variable HgVegPoint	PointOutputFile	header
HeaderLEgVegPoint	column name in the file PointOutputFile for the variable LEgVegPoint	PointOutputFile	header
HeaderEvapSurfacePoint	column name in the file PointOutputFile for the variable EvapSurfacePoint	PointOutputFile	header
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Keyword	Description	Associated file	type (file, header)
HeaderTraspCanopyPoint	column name in the file PointOutputFile for the variable TraspCanopyPoint	PointOutputFile	header
HeaderWaterOnCanopyPoint	column name in the file PointOutputFile for the variable WaterOnCanopyPoint	PointOutputFile	header
HeaderSnowOnCanopyPoint	column name in the file PointOutputFile for the variable SnowOnCanopyPoint	PointOutputFile	header
HeaderQVegPoint	column name in the file PointOutputFile for the variable specific humidity near the vegetation	PointOutputFile	header
HeaderLObukhovCanopyPoint	column name in the file PointOutputFile for the variable LObukhovCanopyPoint	PointOutputFile	header
HeaderWindSpeedTopCanopyPoint	column name in the file PointOutputFile for the variable WindSpeedTopCanopy-Point	PointOutputFile	header
HeaderDecayKCanopyPoint	column name in the file PointOutputFile for the variable DecayKCanopyPoint	PointOutputFile	header

Table 30: Table of vegetation parameters (character)

9 RECOVERY 3D CHARACTER

Keyword	Description	Associated file	type (file, header)
RecoverSoilWatPresChannel	name of the recovery file of SoiWat-PresChannel	/	file
RecoverSoilIceContChannel	name of the recovery file of SoiIceContChannel	/	file
RecoverSoilTempChannel	name of the recovery file of SoilTempChannel	/	file

Table 31: Table of recovery parameters for channel flow (character)

Keyword	Description	Associated file	type (file, header)
RecoverGlacierLayerThick	name of the recovery file of GlacierLayerThick	/	file
RecoverGlacierLiqMass	name of the recovery file of GlacieLiqMass	/	file
RecoverGlacierIceMass	name of the recovery file of GlacieIceMass	/	file
RecoverGlacierTemp	name of the recovery file of GlacieTemp	/	file
RecoverGlacierLayerNumber	name of the recovery file of GacierLayer-Number	/	file

Table 32: Table of recovery parameters for glacier (character)

Keyword	Description	Associated file	type (file, header)
RecoverLandSurfaceWaterDepth	name of the recovery file of LandSurface-WaterDepth	/	file

Table 33: Table of recovery parameters for runoff (character)

Keyword	Description	Associated file	type (file, header)
RecoverSnowLiqMass	name of the recovery file of SnowLiqMass	/	file
RecoverSnowIceMass	name of the recovery file of SnowIceMass	/	file
RecoverSnowTemp	name of the recovery file of SnowTemp	/	file
RecoverSnowLayerNumber	name of the recovery file of SnowLayer- Number	/	file
RecoverNonDimensionalSnowAge	name of the recovery file of NonDimen- sionalSnowAge	/	file
RecoverDimensionalSnowAge	name of the recovery file of Dimensional- SnowAge	/	file

Table 34: Table of recovery parameters for snow (character)

Keyword	Description	Associated file	type (file, header)
RecoverSoilWatPres	name of the recovery file of SoilWatPres	/	file
RecoverSoilIceCont	name of the recovery file of SoilIceCont	/	file
RecoverSoilTemp	name of the recovery file of SoilTemp	/	file

Table 35: Table of recovery parameters for soil (character)

Keyword	Description	Associated file	type (file, header)
RecoverLiqWaterOnCanopy	name of the recovery file of LiqWaterOn-Canopy	/	file
RecoverSnowOnCanopy	name of the recovery file of SnowOn-Canopy	/	file
RecoverVegTemp	name of the recovery file of Vegetation-Temperature	/	file

Table 36: Table of recovery parameters for vegetation (character)