File Name	**Basinpars.txt**		
File Function	Provides drainage characterization parameters to the model		
FileFormat	1st line – header descriptor of fields 2nd line till the end of file – one value per each field, total fields = 46 Total number of records = number of time step		
Fields description	**Field**	**Type**	**Description**
	CatchID	Numeric, integer	An internally defined number in sequence starting at 1 for each drainage – Topnet ID
	DownCatchID	Numeric, integer	The CatchID of the downstream drainage.
	DrainId	Numeric, integer	The WRIA1 drainage id
	NodeId	Numeric, integer	The point of interest identifier used in the project from the node point of interest file via the sream network tree file.
	Reach_number	Numeric, integer	Identifier of the topnet reach that ends at the drainage outlet.
	Outlet_X	Numeric, integer	X coordinates for drainage outlet
	Outlet_Y	Numeric, integer	Y coordinates for drainage outlet
	Direct_area	Numeric, integer	Area in mm2 of the drainage
	f	Numeric, float	Model specific sensitivity parameter in 1/m
	ko	Numeric, float	Saturated Hydraulic Conductivity in m/h
	dth1	Numeric, float	Drainable moisture content
	dth2	Numeric, float	Plant available moisture content
	soildepth	Numeric, float	Soil depth in m
	c	Numeric, float	Pore disconnectedness index soil drainage parameter, factor
	psif	Numeric, float	Green - Ampt wetting front suction parameter in m
	chv	Numeric, float	Constant hillslope velocity in m/h for overland flow
	cc	Numeric, float	Average canopy interception capacity in mts
	cr	Numeric, float	Canopy evaporation adjustment factor
	albedo	Numeric, float	Drainage averaged albedo
	lapse rate	Numeric, float	Lapse rate degrees/mts
	average elevation	Numeric, float	Drainage average elevation
	Impervious Fraction	Numeric, float	Fraction of the basin that is impervious
	Tile Drained Fraction	Numeric, float	Fraction of the drainage that is tiled drained
	Ditch Drained Fraction	Numeric, float	Fraction of the basin that is ditched drained
	TileCoeff	Numeric, float	Tile drainage coefficient in m/hr
	DitchCoeff	Numeric, float	Ditch drainage coefficient in m/hr
	Irrigated Fraction	Numeric, float	Fraction of the drainage that is irrigated
	Sprinkler Irrigation Fraction	Numeric, float	Fraction of irrigated land that is irrigated by sprinkler
	IrrigationEfficiency	Numeric, float	Irrigation efficiency (not used)
	T_Thres	Numeric, float	The lower threshold fraction of field capacity used to calculate irrigation demand.
	R_Max	Numeric, float	The maximum depth of

			irrigation water applied per day (this is the irrigation capacity) in m/hour. The default is 0.0042 m/h which corresponds to 4 in/day.
	D_Goal	Numeric, float	The fraction of field capacity that is the goal used for calculating irrigation demand
	Kc_1	Numeric, float	Drainage averaged value of Kc for January
	Kc_2	Numeric, float	Drainage averaged value of Kc for February
	Kc_3	Numeric, float	Drainage averaged value of Kc for March
	Kc_4	Numeric, float	Drainage averaged value of Kc for April
	Kc_5	Numeric, float	Drainage averaged value of Kc for May
	Kc_6	Numeric, float	Drainage averaged value of Kc for June
	Kc_7	Numeric, float	Drainage averaged value of Kc for July
	Kc_8	Numeric, float	Drainage averaged value of Kc for August
	Kc_9	Numeric, float	Drainage averaged value of Kc for September
	Kc_10	Numeric, float	Drainage averaged value of Kc for October
	Kc_11	Numeric, float	Drainage averaged value of Kc for November
	Kc_12	Numeric, float	Drainage averaged value of Kc for December
	Transmissivity	Numeric, float	Transmissivity in m2/hr
	FractionForest	Numeric, float	Drainage averaged fraction covered by forest (not used)
File Example	CatchID,DownCatchID,DrainID,NodeId,Reach_number,Outlet_X,Outlet_Y,direct_area,f, ko, dth1, dth2, soildepth, c, psif, chv, cc, cr, albedo, lapse rate, average elevation, Impervious Fraction, Tile Drained Fraction, DitchDrained Fraction, TileCoeff, DitchCoef, Irrigated Fraction, SprinklerFractionofIrrigation,IrrigationEfficiency,D_Thres,Z_Max,D_Goal, Kc_1,Kc_2,Kc_3,Kc_4,Kc_5,Kc_6,Kc_7,Kc_8,Kc_9,Kc_10,Kc_11,Kc_12,Transmissivity, FractionForest 1, -1, 113, 189, 1102,529433.8800,5402190.0000,7395300000000.0000, 12.5000, 0.0355, 0.3576, 0.1838, 0.5706, 1.0000, 0.4510,360.0000, 0.0025, 2.5784, 0.1459, 0.0065, 10.7966, 0.0616, 0.0000, 0.0000, 0.0000, 0.0000, 0.0234, 0.9882, 0.8013, 0.1500, 0.0004, 0.0500, 0.7933, 0.7961, 0.7926, 0.7846, 0.7730, 0.7759, 0.7748, 0.7500, 0.7460, 0.7645, 0.7779, 0.7862, 0.5415, 0.6509, 2, 1, 46, 127, 1110,529913.8800,5404950.0000,4293000000000.0000, 12.5000, 0.0516, 0.1595, 0.0497, 0.2371, 1.0000, 0.4464,360.0000, 0.0006, 1.1970, 0.1350, 0.0065, 11.4306, 0.5537, 0.0000, 0.1503, 0.0000, 0.0001, 0.1401, 0.9818, 0.8020, 0.1500, 0.0004, 0.0500, 0.8781, 0.8764, 0.8743, 0.8932, 0.9523, 0.9670, 0.9641, 0.9129, 0.8877, 0.8841, 0.8815, 0.8788, 0.2092, 0.0635,		