

VIC	UMD land cover type	1	2	3	4	5	6	7	8	9	10	11	
Parameter name	Description	Units	Evergreen Needleleaf	Evergreen Broadleaf	Deciduous Needleleaf	Deciduous Broadleaf	Mixed cover	Woodland	Wooded Grassland	Closed Shrublands	Open Shrublands	Grasslands	Crop land (corn)
#Class			1	2	3	4	5	6	7	8	9	10	11
OvrStry	overstory flag		1	1	1	1	1	1	0	0	0	0	0
Rarc	architectural resistance	s/m	50	25	40	40	40	25	3	3	2.5	2	2
Rmin	minimum stomatal resistance	s/m	120	80	120	80	100	110	110	110	110	80	80
JAN-LAI	Monthly LAI		3.4	3.4	1.68	1.68	1.68	1.68	2	2	2	2	0.05
FEB-LAI	Monthly LAI		3.4	3.4	1.52	1.52	1.52	1.52	2.25	2.25	2.25	2.25	0.02
MAR-LAI	Monthly LAI		3.5	3.5	1.68	1.68	1.68	1.68	2.95	2.95	2.95	2.95	0.05
APR-LAI	Monthly LAI		3.7	3.7	2.9	2.9	2.9	2.9	3.85	3.85	3.85	3.85	0.25
MAY-LAI	Monthly LAI		4	4	4.9	4.9	4.9	4.9	3.75	3.75	3.75	3.75	1.5
JUN-LAI	Monthly LAI		4.4	4.4	5	5	5	5	3.5	3.5	3.5	3.5	3
JUL-LAI	Monthly LAI		4.4	4.4	5	5	5	5	3.55	3.55	3.55	3.55	4.5
AUG-LAI	Monthly LAI		4.3	4.3	4.6	4.6	4.6	4.6	3.2	3.2	3.2	3.2	5
SEP-LAI	Monthly LAI		4.2	4.2	3.44	3.44	3.44	3.44	3.3	3.3	3.3	3.3	2.5
OCT-LAI	Monthly LAI		3.7	3.7	3.04	3.04	3.04	3.04	2.85	2.85	2.85	2.85	0.5
NOV-LAI	Monthly LAI		3.5	3.5	2.16	2.16	2.16	2.16	2.6	2.6	2.6	2.6	0.05
DEC-LAI	Monthly LAI		3.4	3.4	2	2	2	2	2.2	2.2	2.2	2.2	0.02
JAN-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.1
FEB_ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.1
MAR-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.1
APR-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.1
MAY-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.2
JUN-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.2
JUL-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.2
AUG-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.2
SEP-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.2
OCT-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.1
NOV-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.1
DEC-ALB	Monthly Albedo		0.12	0.12	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.2	0.1
JAN-ROU	Monthly roughness length	m	1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185

FEB-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
MAR-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
APR-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
MAY-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
JUN-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
JUL-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
AUG-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
SEP-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
OCT-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
NOV-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
DEC-ROU	Monthly roughness length	m		1.476	1.476	1.23	1.23	1.23	1.23	0.495	0.495	0.495	0.0738	0.185
JAN-DIS	Monthly displacement height	m		8.04	8.04	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
FEB-DIS	Monthly displacement height	m		8.04	8.04	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
MAR-DIS	Monthly displacement height	m		8.04	8.04	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
APR-DIS	Monthly displacement height	m		8.04	8.04	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
MAY-DIS	Monthly displacement height	m		8.04	8.04	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
JUN-DIS	Monthly displacement height	m		8.04	8.04	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005

JUL-DIS	Monthly displacement height	m	8.04	8.04	6.7	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
AUG-DIS	Monthly displacement height	m	8.04	8.04	6.7	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
SEP-DIS	Monthly displacement height	m	8.04	8.04	6.7	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
OCT-DIS	Monthly displacement height	m	8.04	8.04	6.7	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
NOV-DIS	Monthly displacement height	m	8.04	8.04	6.7	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
DEC-DIS	Monthly displacement height	m	8.04	8.04	6.7	6.7	6.7	6.7	6.7	1	1	1	0.402	1.005
WIND_H	height at which wind is meadured	m	50	50	50	50	50	50	50	5	5	5	3	2
RGL	minimum value of incoming solar radiation at which there will still be transpiration	W/m2	30	30	30	30	50	50	75	75	75	100	100	
SolAtn	radiation attenuation due to canopy		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
WndAtn	wind attenuation due to canopy		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Trunk	ratio of trunk height to tree height		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
depth1	root depth for layer 1	m	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
frac1	root fraction for layer 1		0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.7	0.7	0.8	0.5
depth2	root depth for layer 2	m	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
frac2	root fraction for layer 2		0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.3	0.3	0.2	0.5

#This file was obtained from Keith Cherkauer on Wed Jul 21 1999 It was originally named LDAS\_veg\_