

Map Layer or Variable Name	IA	IB	IC	IIA	IIB	IIC	IIIA	IIIB	IIIC
Degree-days heat sum above 42°F from daytime land surface temperature during the local growing season	✓	✓		✓	✓		✓	✓	
Degree-days cold sum below 42°F from nighttime land surface temperature during the local non-growing season	✓		✓	✓		✓	✓		✓
Number of days above 90°F during the local growing season	✓	✓		✓	✓		✓	✓	
Number of days below 32°F during the local non-growing season	✓		✓	✓		✓	✓		✓
95 th percentile of maximum diurnal surface temperature difference during the local growing season	✓	✓		✓	✓		✓	✓	
95 th percentile of maximum diurnal surface temperature difference during the local non-growing season	✓		✓	✓		✓	✓		✓
Precipitation sum during the local growing season	✓	✓		✓	✓		✓	✓	
Precipitation sum during the local non-growing season	✓		✓	✓		✓	✓		✓
Number of days with measurable precipitation during the local growing season	✓	✓		✓	✓		✓	✓	
Number of days with measurable precipitation during the local non-growing season	✓		✓	✓		✓	✓		✓
Depth of mineral soil	✓	✓	✓	✓	✓	✓	✓	✓	✓
Depth to water table	✓	✓	✓	✓	✓	✓	✓	✓	✓
Soil Kjeldahl nitrogen to 50 cm depth	✓	✓	✓	✓	✓	✓	✓	✓	✓
Soil organic matter to 50 cm depth	✓	✓	✓	✓	✓	✓	✓	✓	✓
Soil plant-available water holding capacity to 1.5 m	✓	✓	✓	✓	✓	✓	✓	✓	✓
Compound Topographic Index (CTI)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Total solar insolation during the local growing season, including clouds, aerosols, slope and aspect physiography	✓	✓		✓	✓		✓	✓	
Total solar insolation during the local non-growing season, including clouds, aerosols, slope and aspect physiography	✓		✓	✓		✓	✓		✓
Enhanced Vegetation Index (EVI) integrated over the local growing season				✓	✓		✓	✓	
Enhanced Vegetation Index (EVI) integrated over the local non-growing season				✓		✓	✓		✓
Fraction of Photosynthetically Active Radiation (FPAR) absorbed by vegetation integrated over the local growing season				✓	✓		✓	✓	
Fraction of Photosynthetically Active Radiation (FPAR) absorbed by vegetation integrated over the local non-growing season				✓		✓	✓		✓
Leaf Area Index (LAI) integrated over the local growing season				✓	✓		✓	✓	
Leaf Area Index (LAI) integrated over the local non-growing season				✓		✓	✓		✓
Percent tree cover				✓	✓	✓	✓	✓	✓
Percent bare cover				✓	✓	✓	✓	✓	✓
Gross Primary Production (GPP) integrated over the local growing season							✓	✓	
Gross Primary Production (GPP) integrated over the local non-growing season							✓		✓
Respiration Index (RI) integrated over the local growing season							✓	✓	
Respiration Index (RI) integrated over the local non-growing season							✓		✓