

Data type	Data used	Description
Terrain	Digital elevation model	Land use/land cover
2011 land cover	National Land Cover Database/30 m	
Burn severity	Thematic burn severity delineation	Monitoring trends in burn severity High Park Wildfire Assessment/30 m
Soil	Soil Map Unit delineation	Gridded Soil Survey Geographic Database for Colorado and Wyoming/10 m
Meteorological	Precipitation and temperature measurements	Global Historical Climatology Network Database/daily
Streamflow	Naturalized streamflow data	Northern Colorado Water Conservancy District/daily
model parameters	SWAT model databases	Land cover land use, soil, and weather parameters