

## CPER GIS Layer Description

Layer Name	Description	Feature Type	Source	Last Updated
cper-bdy	Boundary of the Central Plains Experimental Range (CPER)	Polygon	USDA Agriculture Research Service	4/24/09
cper-building	Building footprints of the CPER	Polygon	ARS/SGSLTER staff – Field GPS	10/1/09
cper-elev_contours	Elevation Contour line of the CPER	Lines	Created in Arcmap from USGS DEM	8/28/00
cper-exclosures	Experiment exclosures on the CPER	Polygons	ARS/SGSLTER staff – Field GPS	1/20/10
cper-fences	Fences on the CPER	Lines	ARS/SGSLTER staff – Field GPS and aerial imagery	10/31/08
cper-lakes	Lakes on the CPER	Polygons	USGS	9/20/04
cper-landforms	Landforms (geomorphological units) and topography of the CPER.	Polygons	USGS and USDA ARS	8/28/00
cper-landmark	Special landmark features of the CPER (sort corral, stock tank, windmill)	Points	ARS/SGSLTER staff – Field GPS	10/5/09
cper_metstations	Meteorological weather station locations on the CPER	Points	LTER Staff – Field GPS	2/3/2009
cper-pastures	Pasture boundaries on the CPER based on ownership and/or operator.	Polygons	USDA-ARS	1/20/10
cper-pastures_treat2009	Pasture boundaries based on treatment in 2009	Polygons	USDA-ARS	5/19/09
cper-pls	Public Land Survey (PLS) of the CPER	Polygons	USGS	9/2004
cper-roads	Roads of the CPER classified by width and clearance	Lines	USGS and USDA-ARS	5/18/09
cper-soils	Level 3 Soil Survey of the CPER with major soil component attributes	Polygons	USDA-NRCS	6/24/09
cper-streams	Streams of the CPER	Lines	USGS	9/20/04
cper_studysites	Experimental study sites on the CPER	Points	ARS/SGSLTER staff – Field GPS	9/1/12
cper-vegibp	Vegetation of the CPER classified by primary, secondary, and tertiary species	Polygons	IBP Grassland Biome project using aerial imagery	8/28/00