CH6

Map | Domains: TreeInventory

Domain Name	Description	Field Type	Domain Type	Split Policy	Merge Policy
Hazard	Tree damaged, diseased or hazard to property	Text	Coded Value Domain	Default	Default
LandUse	Land use on which the tree is located	Text	Coded Value Domain	Default	Default
Status	Tree status	Text	Coded Value Domain	Default	Default

Code	Description
Planted	Planted
Ingrowth	Ingrowth
Unknown	Unknown
Dead	Dead

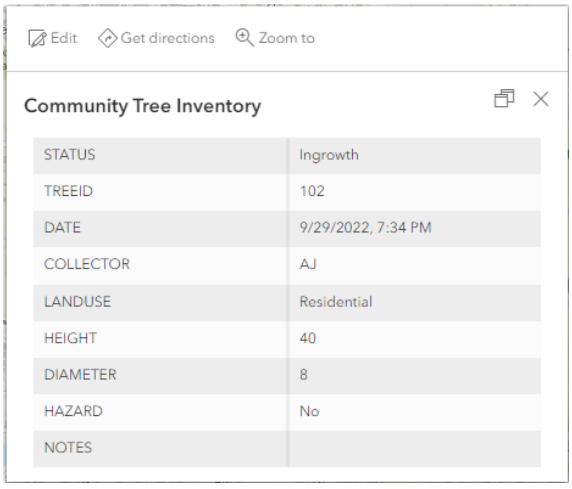
CH6— The domains tab with “Status” domain added, along with 4 codes and descriptions

Map | Fields: Trees

Current Layer: Data Source

Field Name	Alias	Data Type	Allow NULL	Domain	Default	Length
OBJECTID		Object ID				
Shape		Geometry				
TREEID	TREEID	Long	☑			
DATE	DATE	Date	☑			
COLLECTOR	COLLECTOR	Text	☑			255
LANDUSE	LANDUSE	Text	☑	LandUse		255
HEIGHT	HEIGHT	Long	☑			
DIAMETER	DIAMETER	Long	☑			
HAZARD	HAZARD	Text	☑	Hazard		255
NOTES	NOTES	Text	☑			255
STATUS	STATUS	Text	☑	Status		255

Ch6— New field added (Status) for Trees



Ch6— newly configured popup in ArcGIS Online

CH7

median_household_income

Field: Selection:

	OBJECTID *	GEOID *	Median_HHI
1	1	15000US481576701011	45318
2	2	15000US481576701012	33022
3	3	15000US481576701013	46979
4	4	15000US481576701014	51755
5	5	15000US481576701021	35600
6	6	15000US481576701022	69519
7	7	15000US481576702001	59693
8	8	15000US481576702002	41532
9	9	15000US481576702003	43571

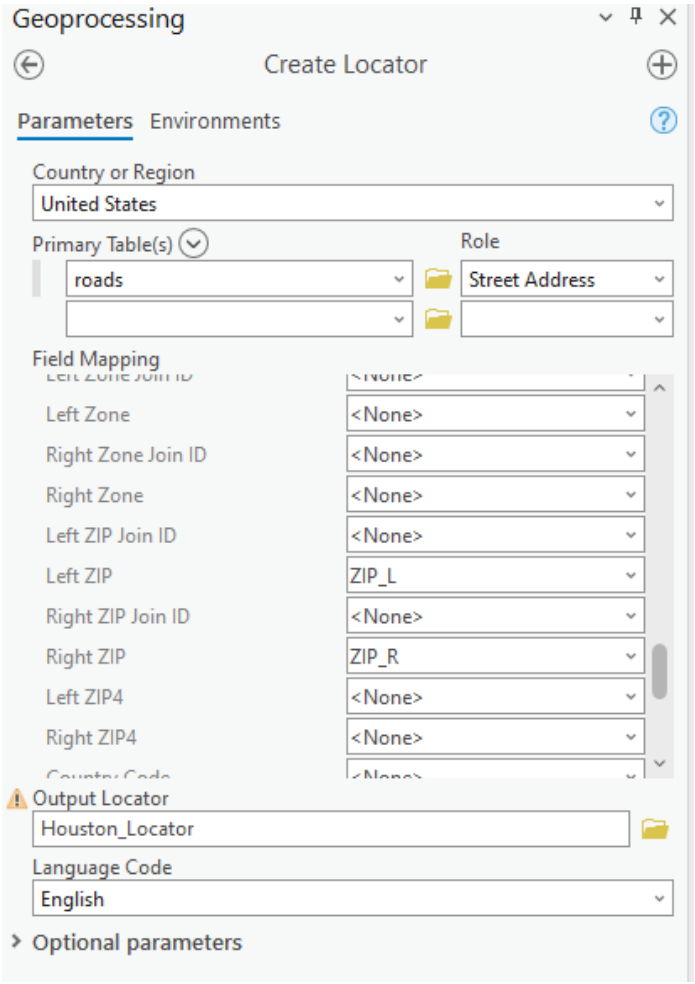
Ch7— median household income table opened on argispro

Census Block Demographics

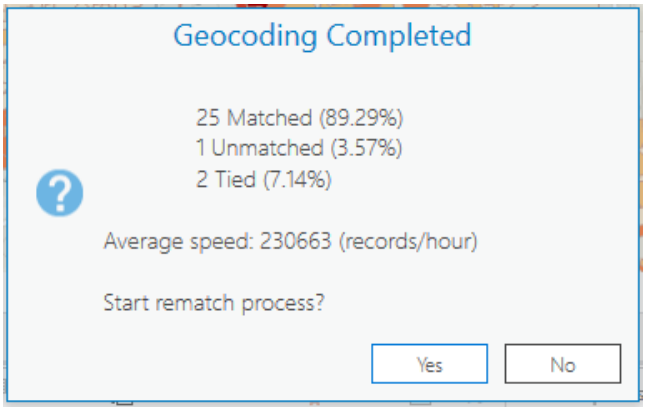
Field: Add Calculate Selection: Select By Attributes Zoom To Switch Clear Delete Copy

	nHis	SUM_NHOneR	SUM_NH_Whi	SUM_NH_Bla	SUM_NH_Ami	SUM_NH_Asi	SUM_NH_Haw	SUM_NH_Oth	SUM_NH_2or	SUM_TotHou	SUM_OccHU	SUM_Vacant	BG_ID	GEOID *	OBJECTID	GEOID	Median_HHI
1	326	320	54	252	1	9	0	4	6	303	286	17	481576701011	15000US481576701011	1	15000US481576701011	45318
2	725	717	34	673	0	10	0	0	8	492	467	25	481576701012	15000US481576701012	2	15000US481576701012	33022
3	1537	1525	44	1455	6	13	0	7	12	779	693	86	481576701013	15000US481576701013	3	15000US481576701013	46979
4	248	244	50	189	1	0	0	4	4	339	318	21	481576701014	15000US481576701014	4	15000US481576701014	51755
5	1330	1321	35	1258	2	24	0	2	9	739	693	46	481576701021	15000US481576701021	5	15000US481576701021	35600
6	883	878	12	857	0	4	0	5	5	369	352	17	481576701022	15000US481576701022	6	15000US481576701022	69519
7	710	700	53	631	2	14	0	0	10	312	294	18	481576702001	15000US481576702001	7	15000US481576702001	59693
8	416	402	110	266	5	19	0	2	14	398	380	18	481576702002	15000US481576702002	8	15000US481576702002	41532
9	952	941	27	897	1	16	0	0	11	492	466	26	481576702003	15000US481576702003	9	15000US481576702003	43571
10	1642	1633	36	1575	1	14	1	6	9	788	750	38	481576702004	15000US481576702004	10	15000US481576702004	66250
11	1368	1365	27	1332	6	0	0	0	3	576	550	26	481576702005	15000US481576702005	11	15000US481576702005	73750
12	1248	1233	53	1161	0	16	0	3	15	596	559	37	481576703001	15000US481576703001	12	15000US481576703001	43088

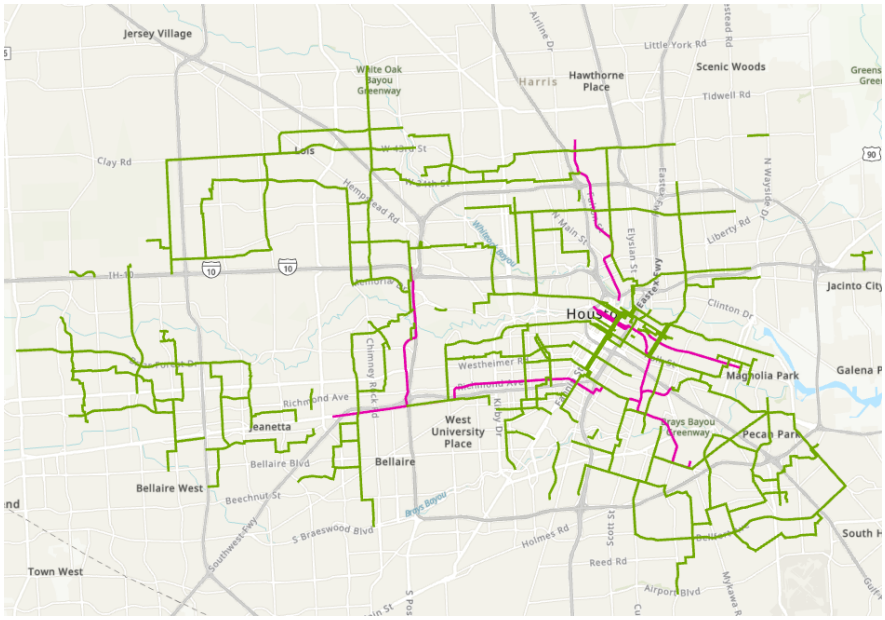
Ch7— joined tables (median household income and census block demographics



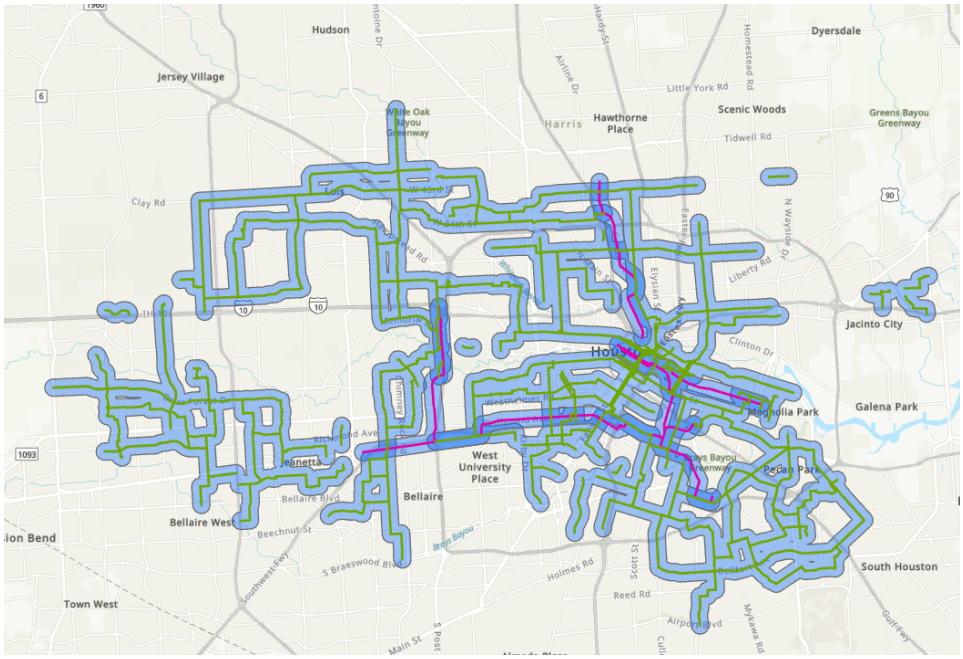
Ch7— creating the locator tool



Ch7— running the geocoding tool for the retail site data

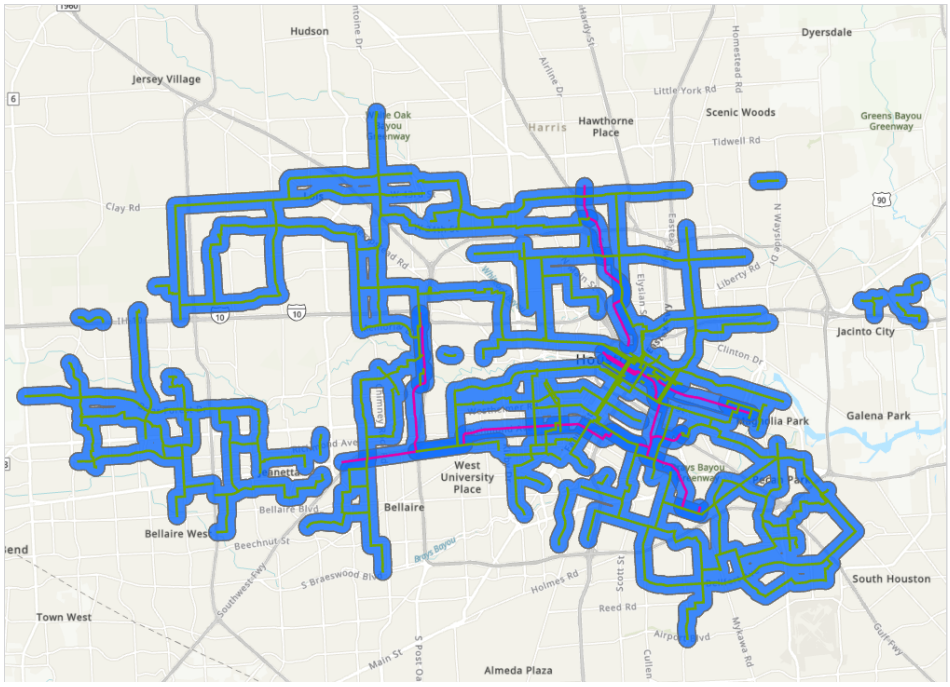


Ch7— bike lane data on feature layer

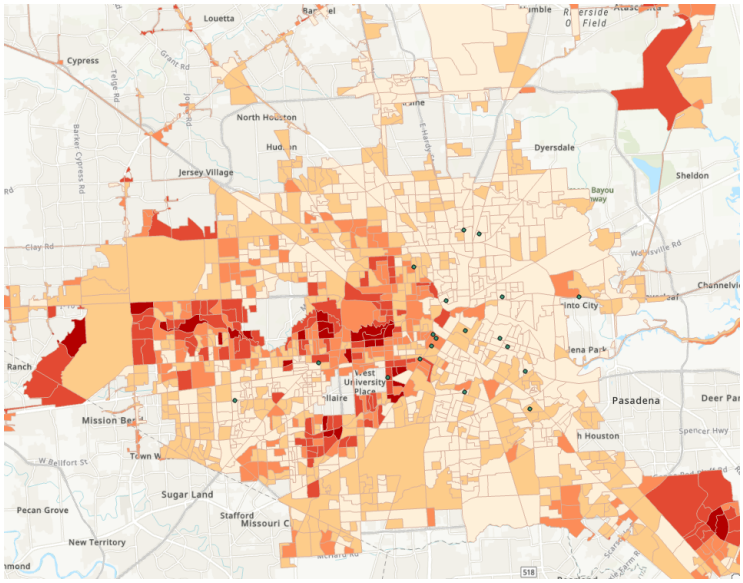


Ch7— proposed (pink) and existing (green) bike lanes with 0.25 mile buffers

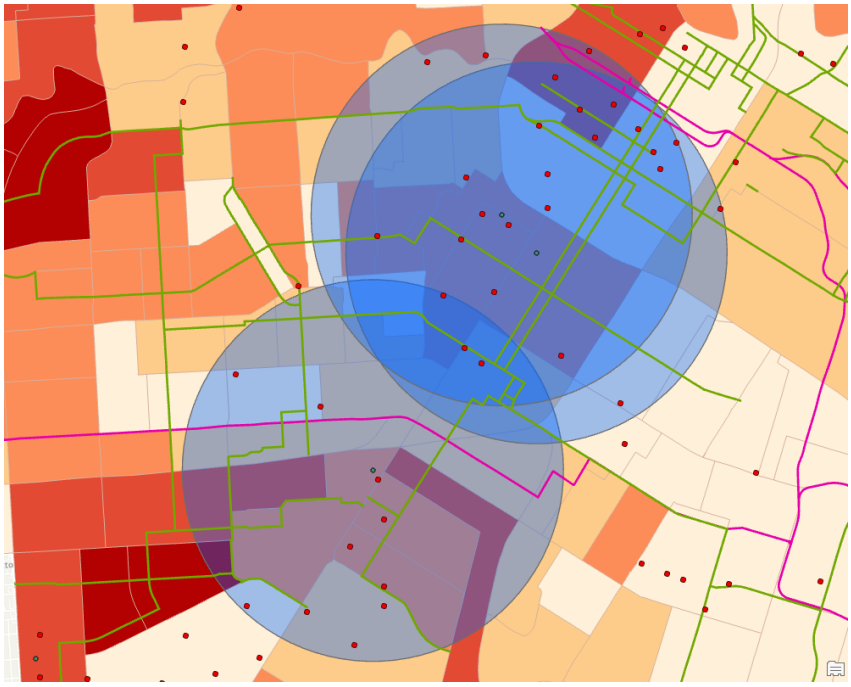
ArcGIS Pro just crashed



Ch7— merged and dissolved buffers

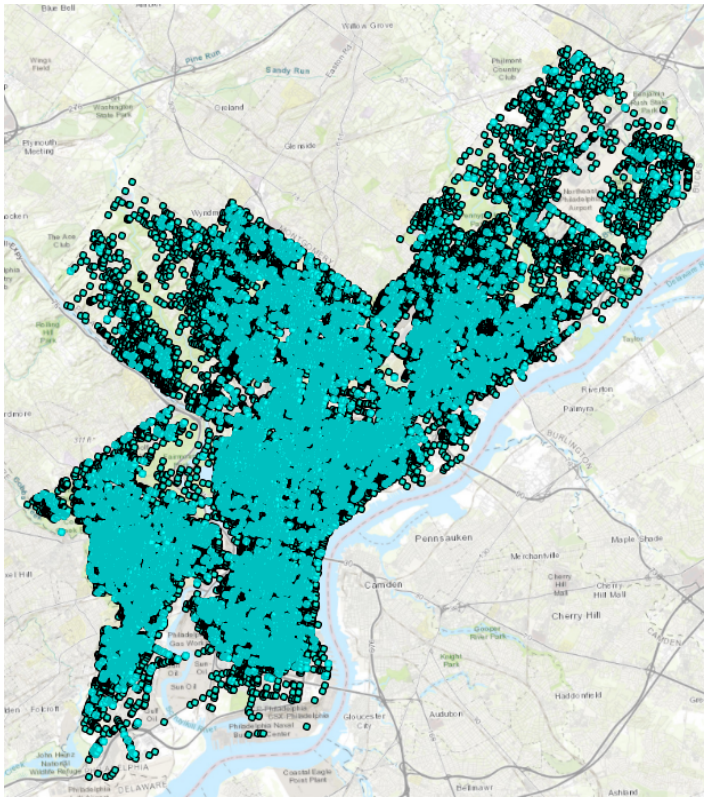


Ch7— retail site prospects (green circles) and census block demographics (graduated colors)

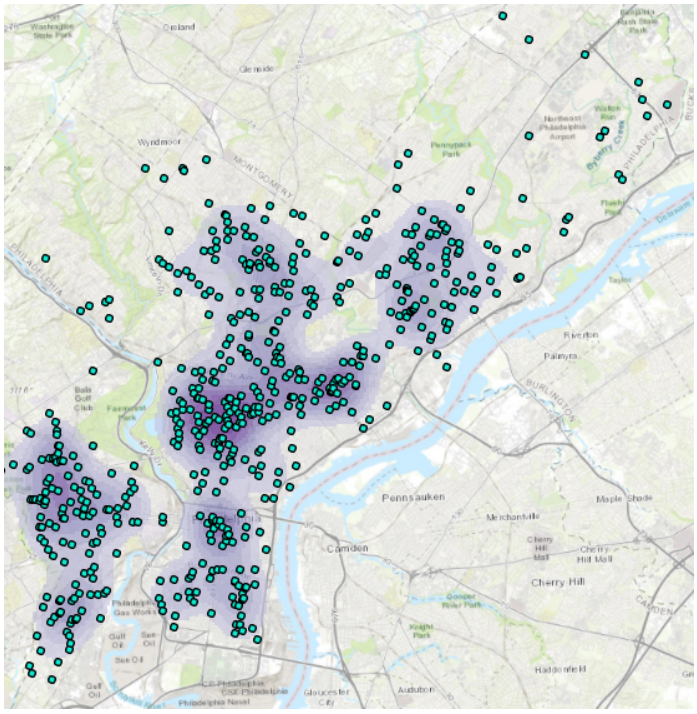


Ch7— Join_Count greater than or equal to 13 selected attributes

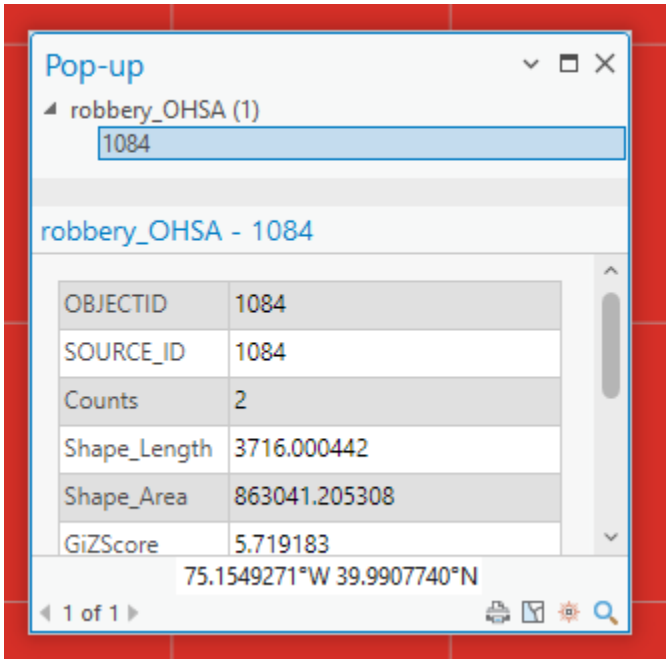
CH8



Ch8— robberies selected

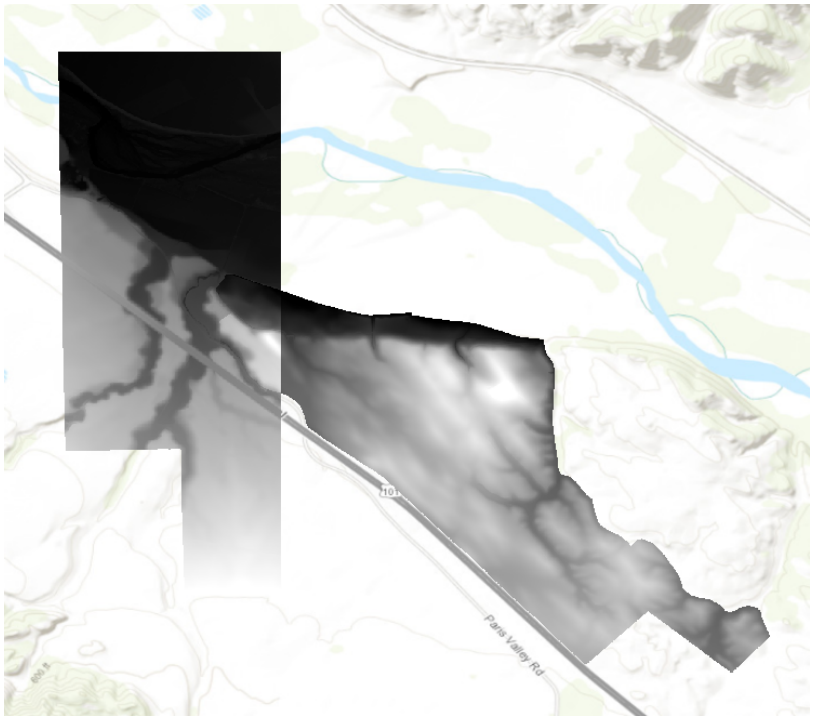


Ch8— kernel density, robberies with or without firearms in January 2014

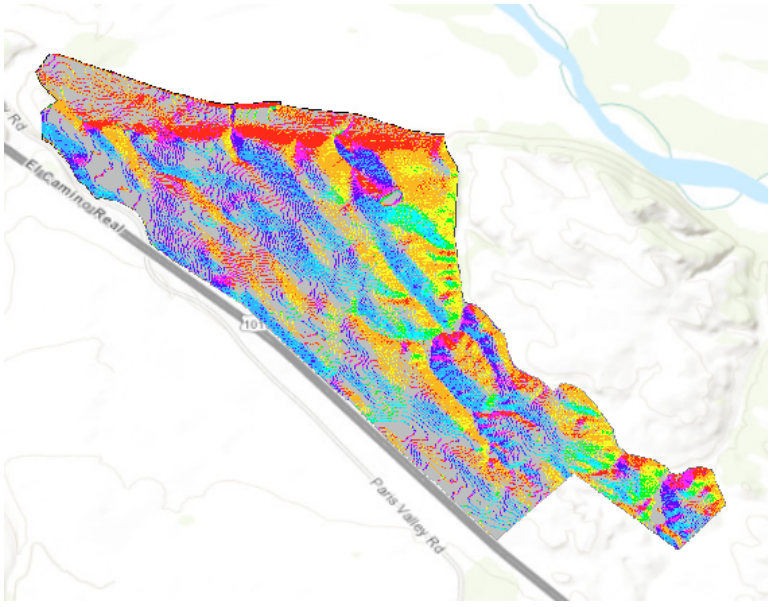


Ch8— hotspot pop-up table

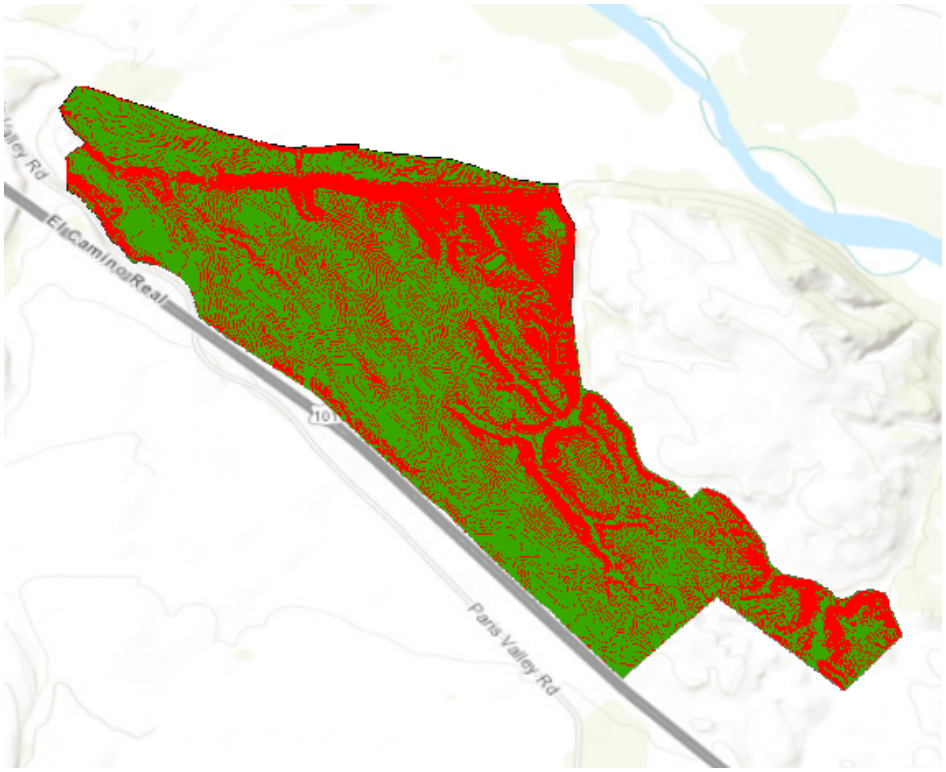
CH9



Ch9— extracted data from ned_1 and ned_2 layers (I forgot to turn off ned_2, that's the rectangle on the left)

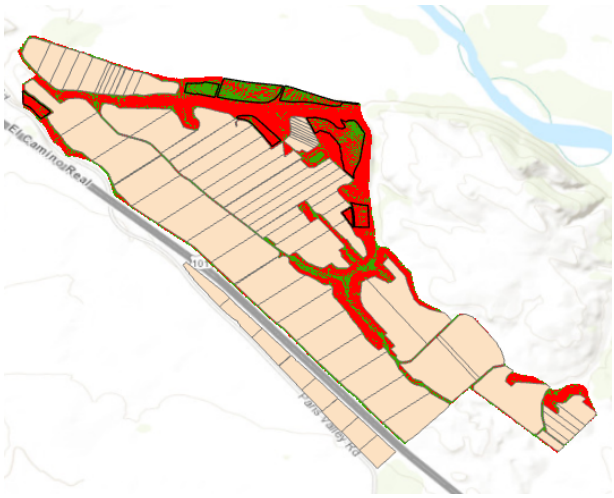


Ch9— after using the Aspect tool

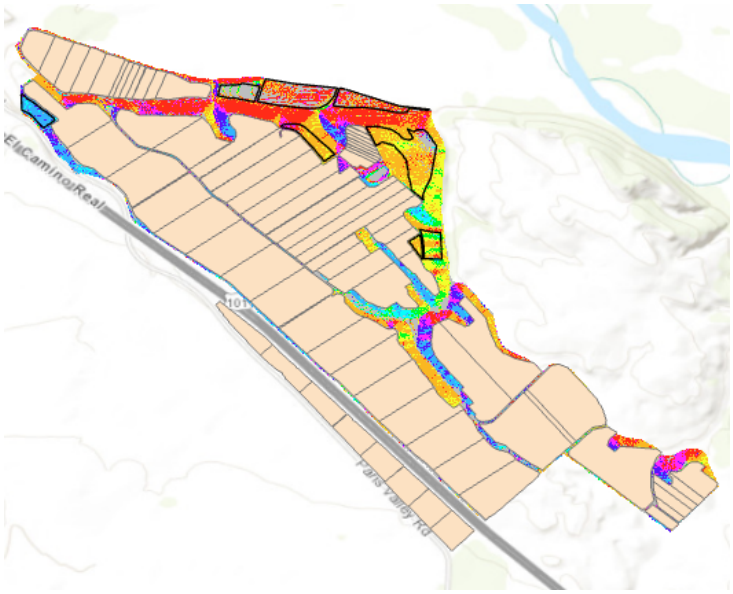


Ch9— slope less than or equal to 14 is green, greater than is red

Ch9— Hillshade at 2pm, 3pm, and 4:30pm in mid-September



Ch9— four of the six possible future planting sites have >50% of their slope under 14.



Ch9— the majority of the future planting sites (black outline) face north, but the two on the east hill face east/southeast

None of the planting sites are in shadow at 2pm or 3pm in mid-September.