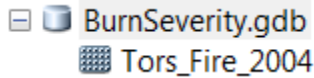


QUIZ#9: Raster Analysis

Download and unzip the geodatabase **BurnSeverity.gdb** from the website:
http://dverbyla.net/nrm435/quiz_data_2018/



The Tors Fire started in August of 2004 and burned part of the Granite Tors trail system up Chena Hotpsrings Road.

The raster contains classes representing burned pixels of low, moderate, and high fire severity.

Tors_Fire_2004				
	OBJECTID *	Value	Count	BurnSeverity
▶	1	1	15388	Unburned
	2	2	21279	Low
	3	3	47582	Moderate
	4	4	17126	High
	5	5	449	Water
	6	6	43258	Clouds

For the area that was not water or clouds, create a table estimating the percent area by class:

BurnSeverity	Hectares	Percent_Area
Unburned	<Null>	<Null>
Low	<Null>	<Null>
Moderate	<Null>	<Null>
High	<Null>	<Null>

Check that your percent area sums to 100.0!

All geoprocessing output should be stored in **BurnSeverity.gdb** container.

Save your work. Then create a map package: File→Share As→ Map Package...Save package to file (**do NOT check on Enterprise**)

Include Enterprise Geodatabase data instead of referencing the data

Also share your map package to a folder location, **not** to your geodatabase container.

Email me (dverbyla@alaska.edu) your map package **mpk** file. (not your arcmap document .mxd file) as an attachment (extensions are hidden by default)