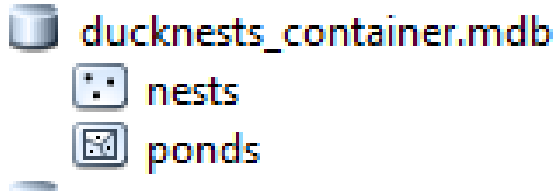


KEYY QUIZ#1: Duck Nests

Due by 5pm Friday Jan 18,2019

Download and unzip the geodatabase ***ducknests_container.mdb*** from http://dverbyla.net/nrm435/quiz_data_2019/



The point layer nests.shp contains an attribute for species (1=Mallard, 2=Pintail, 3=Widgeon) and year age class.

For this quiz, we are interested in ***ONLY Mallards..species code 1***

Do older age class mallards tend to nest closer to pond shorelines?

Use ArcGIS to determine the mean distance to the closest pond shoreline and create a geodatabase table with the following information (field names may be shorter):

Mallards:

Age Class	Number of Nests	Mean Distance To Closest Pond
1		
2		
3		

Save all output in your geodatabase container ***ducknests_container.mdb***

Grading:

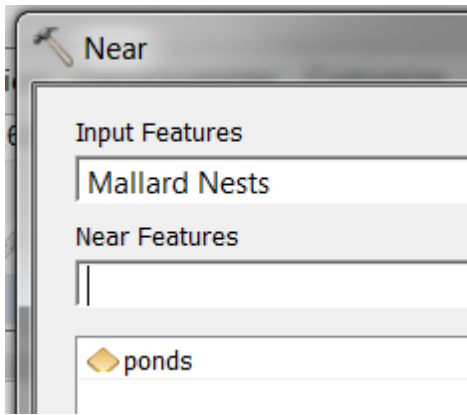
All output to geodatabase container ***ducknests_container.mdb*** 2pts

Layer representing Mallard nests 3pts

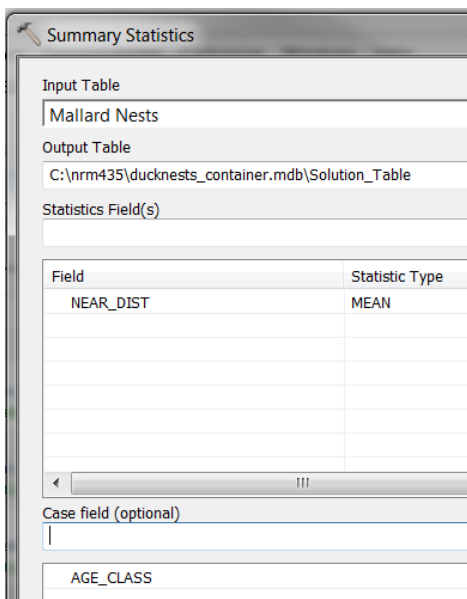
Definition Query:

[SPECIES] = 1

Correct distance to nearest pond for each Mallard nest 5 pts



Correct number of Mallard nests in each age class 3pts
 Correct mean distance for each Mallard age class 5 pts



Solution_Table			
	AGE_CLASS	FREQUENCY	MEAN_NEAR_DIST
	1	43	311.05
	2	10	60.02
	3	5	13.31

Correct map package (mpk file) attached to email 2pts