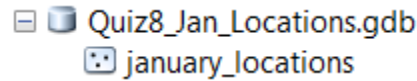


## QUIZ#8: January Movement

Download the and unzip **Quiz8\_Jan\_Locations.gdb.zip** from :  
[http://dverbyla.net/nrm435/quiz\\_data\\_2017/](http://dverbyla.net/nrm435/quiz_data_2017/)



The geodatabase contains a point feature class representing an animal's location every 4 hours in January 2010.

Shape *	DateTime_	TEMP
Point	1/1/2010 4:00:00 AM	4
Point	1/1/2010 8:00:00 AM	5
Point	1/1/2010 12:00:00 PM	9
Point	1/1/2010 4:00:00 PM	4
Point	1/1/2010 8:00:00 PM	2

The field Temp is the air temperature in degrees C at each time. Create a table of **mean distance traveled in meters** by mean temperature class as follows:

MeanDist_by_TemperatureClass		
TempClass	FREQUENCY	MEAN_Distance
< -30 degrees	0	0
0 to -30 degrees	0	0
Above 0 Degrees C	0	0

All your output should be in your **Quiz8\_Jan\_Locations.gdb** geodatabase, not the default.gdb.

Email me ( [dverbyla@alaska.edu](mailto:dverbyla@alaska.edu) ) your map package **mpk** file. (not your .mxd file) as an attachment