Offset GPS Measurements
Data Sheet

Data Recorded By: __________________________
Date Recorded: Year____ Month:____ Day:____
Circle Site type:  School  Atmosphere  Biosphere  Hydrosphere  Soil (Pedosphere)  Other ________
Site Name: __________________________________
School Name:_______________________________
School Address:_____________________________

Offset GPS Measurements
Measured Latitude: ________________________ degrees N or S (circle one)
Measured Longitude: ________________________ degrees W or E (circle one)
Direction from GLOBE site to offset location: N or S (circle one)
Distance from GLOBE site to offset location: _______ meters

Computations
Change in Latitude = Distance:_________meters   = ________degrees
                          110,000 meters/degree

GLOBE Site’s Latitude:
If offset location is further from Equator than the study site:
GLOBE site latitude = _____ (Measured Latitude) - _____ (Change in latitude) = _____ degrees N or S
(circle one)

If offset location is closer to the Equator than the study site:
GLOBE site latitude = _____ (Measured Latitude) + _____ (Change in latitude) = _____ degrees N or S
(circle one)

GLOBE site’s longitude: ____________ W or E (circle one)
   Same as Measured Longitude at the Offset location

GLOBE site’s elevation: ____________ From a local topographic map using your site’s latitude and longitude