

Question 1:

- a. **What coordinate system did you use?**
GCS_NAD_1983_CORS96
- b. **What did you set as your x variable to display?**
X
- c. **What did you set as your y variable to display?**
Y

Question 2: **What did you set for the z value field?** Ortho_Hlt_m

Question 3:

- a. **Has the Elwha River delta gotten shallower or deeper since the removal of the dam?**
Shallower
- b. **Why?**
With the removal of the dam there's an increase in water flow, the natural sediments (and possibly some from the dam's remains) filled the delta downstream.
- c. **What does this mean for salmon habitat in the river?**
Salmon can swim upstream and spawn.

Note: Think back to the film Return of the River and our discussion in class to help you with b and c.

Delta Depth Change After Elwha Dam Removal, 2011 - 2016
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