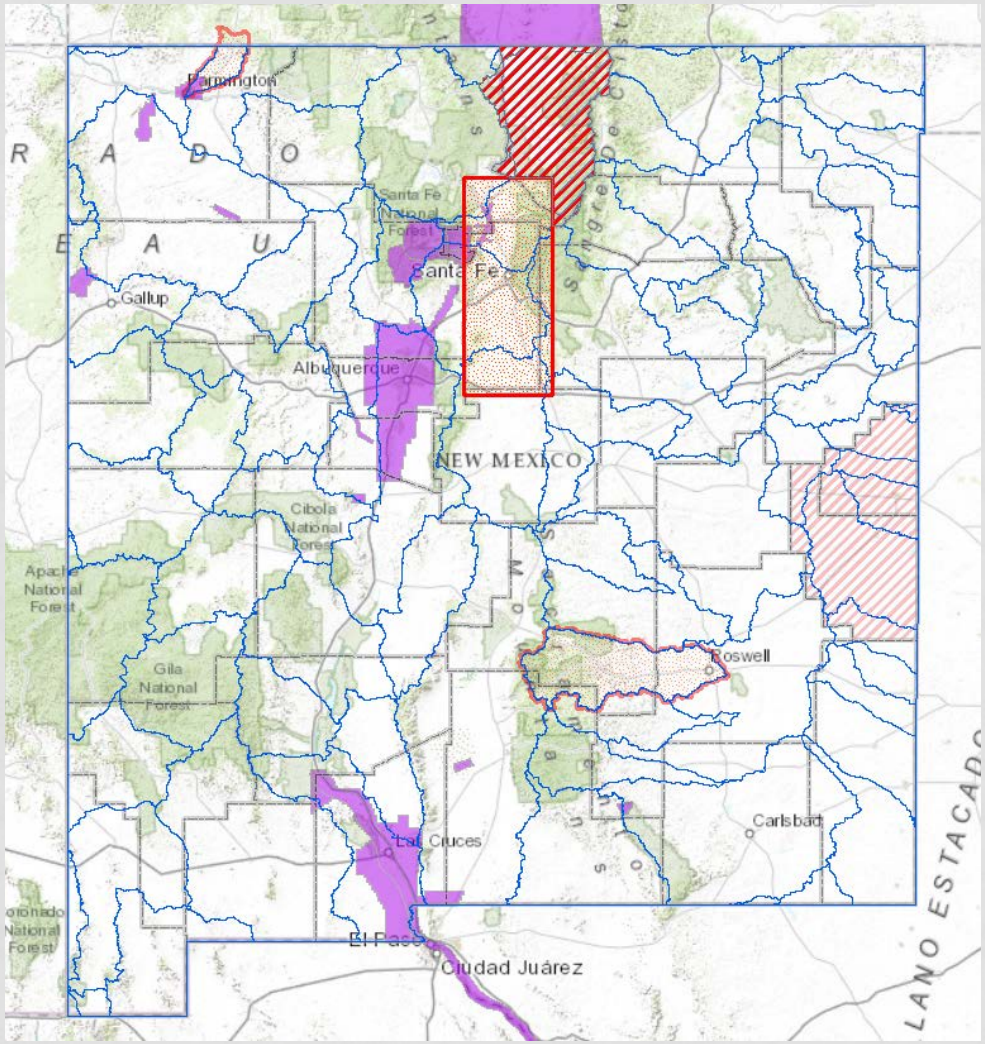
MAKING THE CASE:

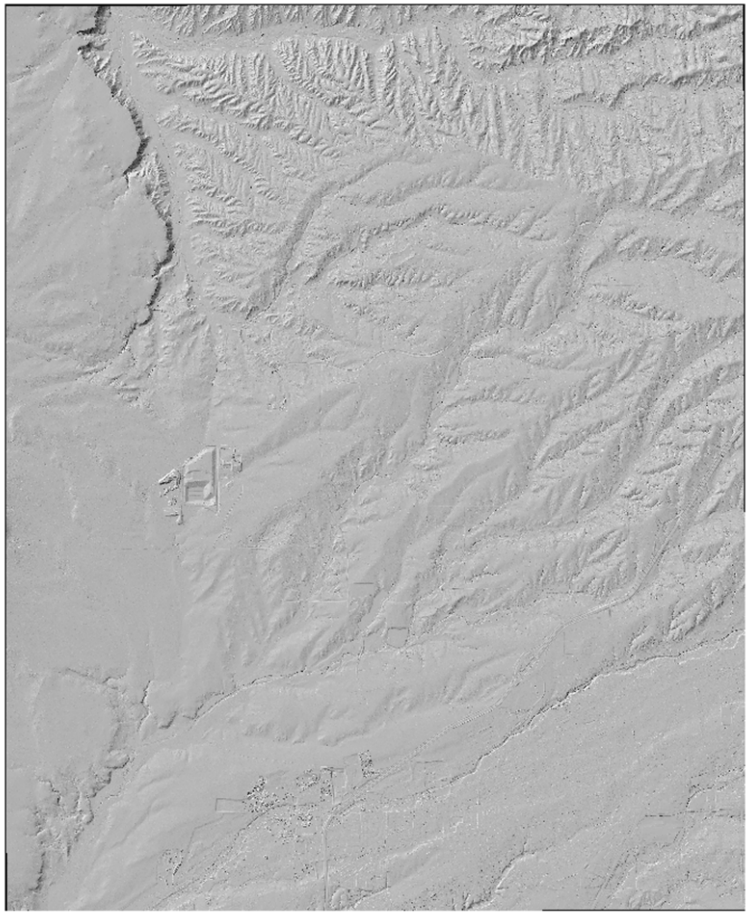
INTEGRATING 3DEP AND NHD

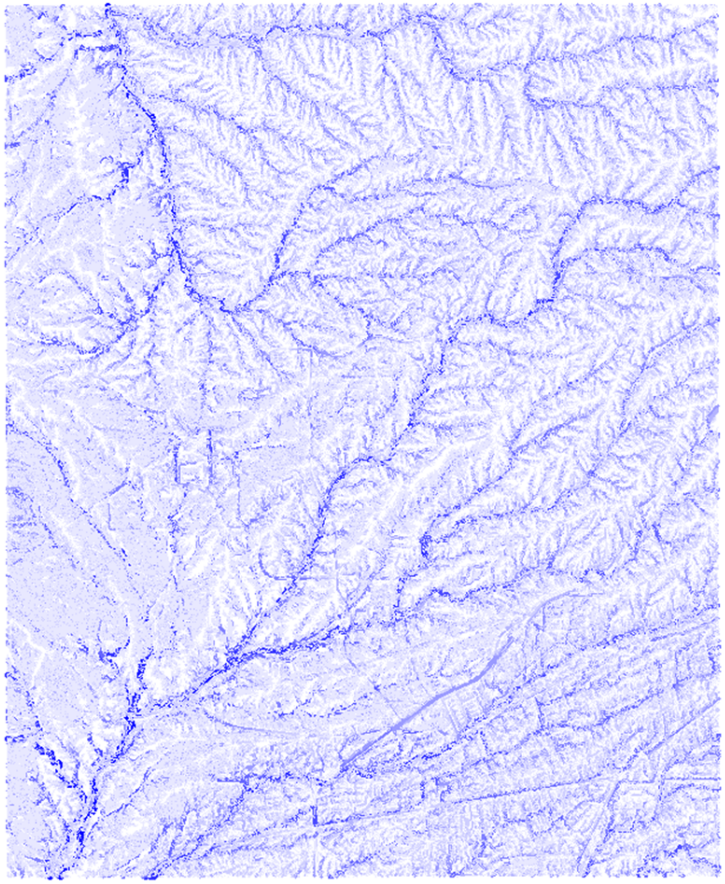
Bohannan Huston

SANTA FE, NEW MEXICO

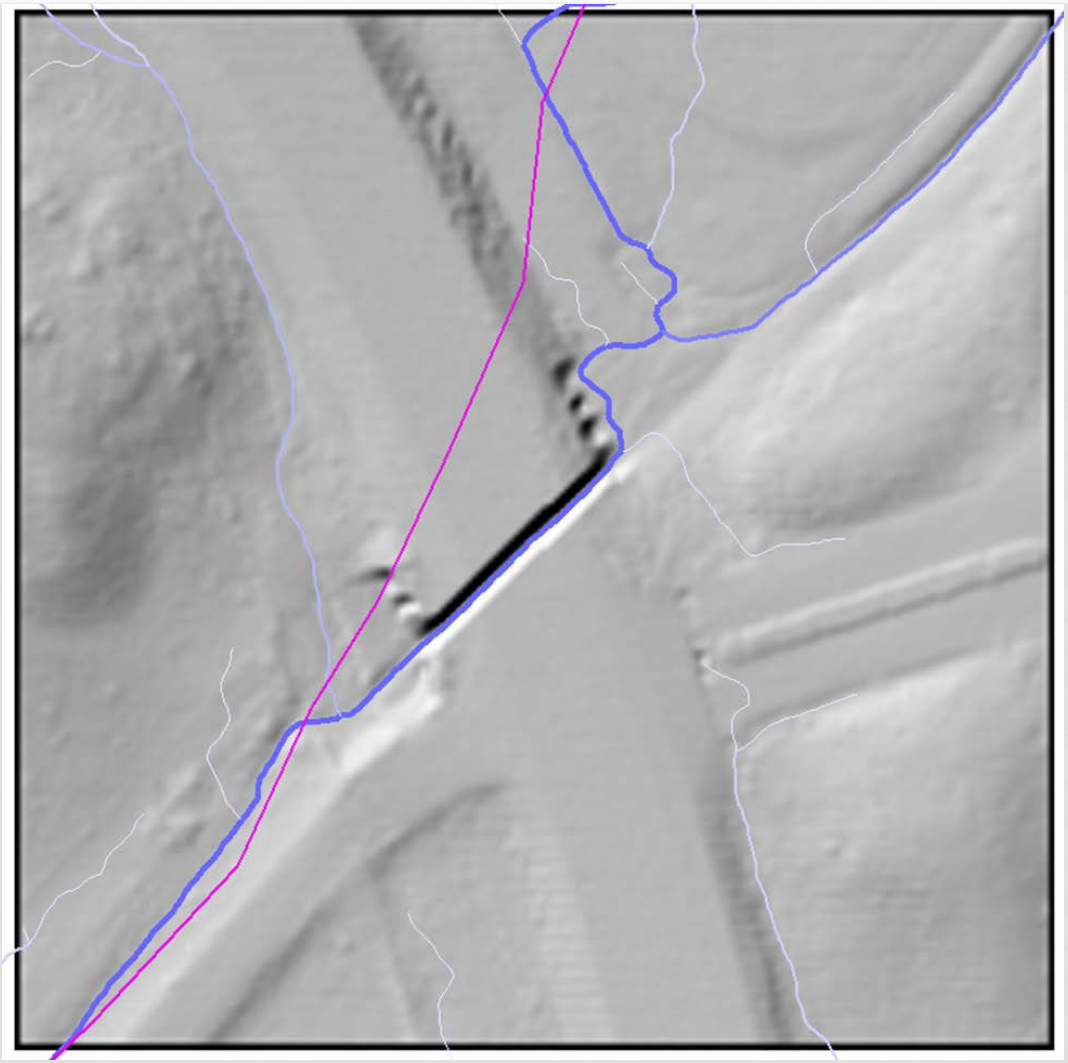


DEM AND DERIVED HYDROLOGIC DATA

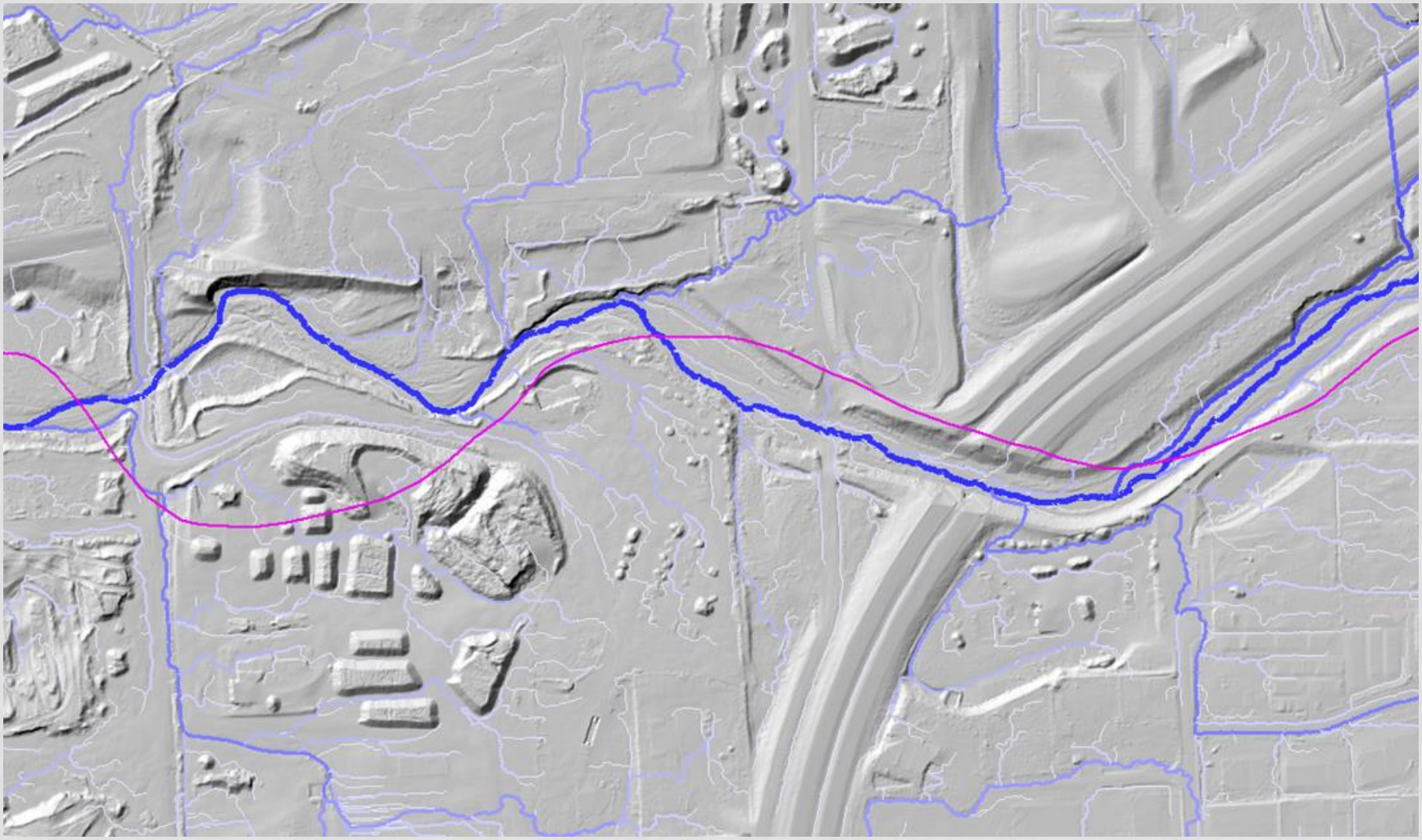




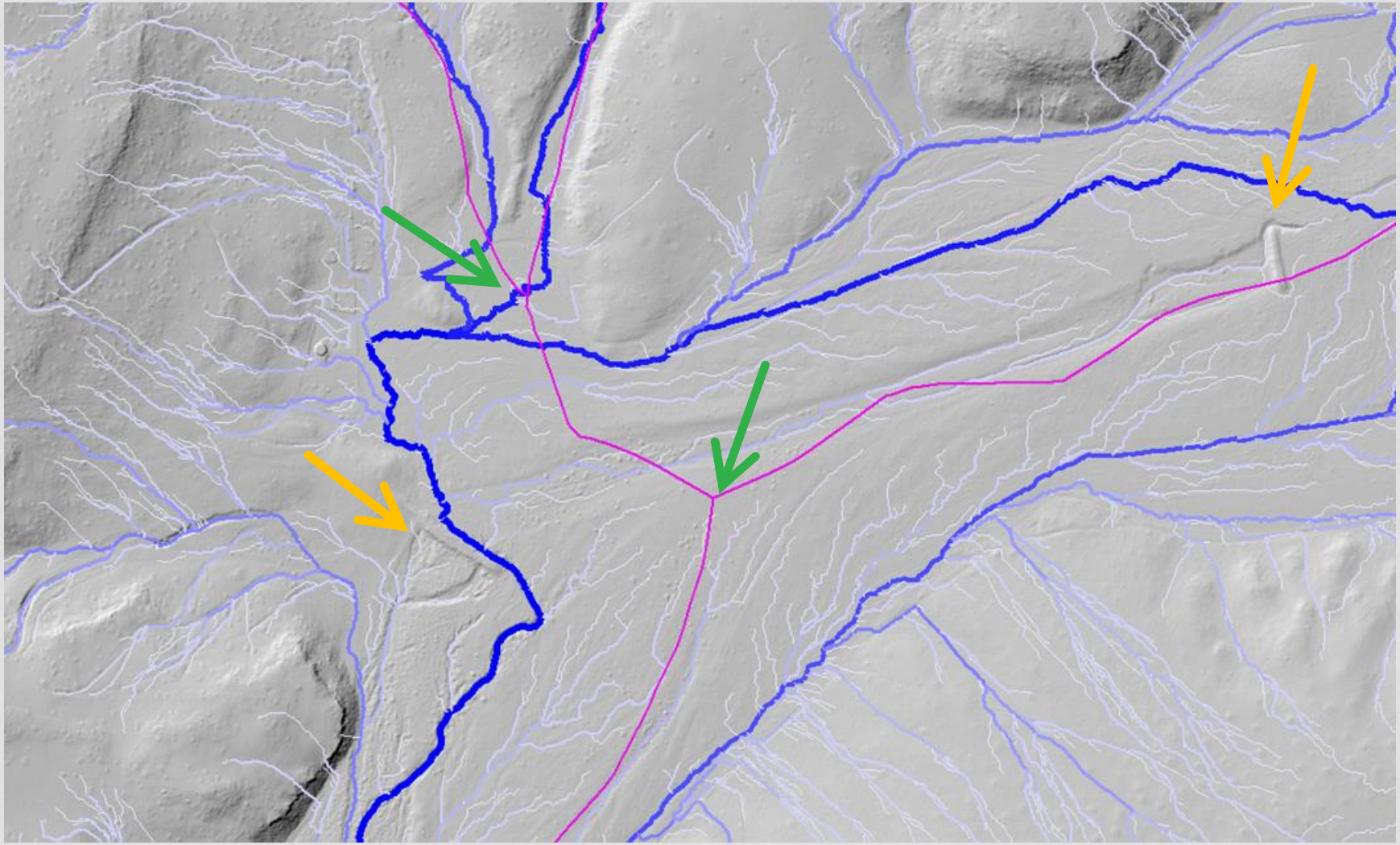
HYDRO-CONDITIONING



DISCREPANCIES



CONUNDRUM
3DEP PLUS NHD?



NEED TO INTEGRATE 3DEP AND NHD

- Promote 3DEP and NHD Programs in concert
- Desired need from the hydrology community
  - Higher resolution stream data
  - Better temporal accuracy resulting possibly resulting in more accurate stream classification
- Need for more research and better tools to integrate the two datasets, and to incorporate precipitation and soil moisture.

Santa Fe County

Bohannan Huston

NMED New Mexico Environment Department