Prediction throughout basin; numerical model vs analytics Bottom perturbation Prediction at 150 years h1, bottom perturbation h1, bottom perturbation h1, bottom perturbation prediction minus numerical model numerical model prediction 1e6 1e6 102.0 0.3 102.0 4 4 4 - 101.8 - 0.2 - 101.8 3 3 3 - 101.6 - 101.6 - 0.1 2 2 - 101.4 - 101.4 1 1 - 101.2 _{>>} - 101.2 - 0.0 0 0 - 101.0 - 101.0 -1-1- 100.8 - 100.8 -2-2-2-0.2- 100.6 - 100.6 -3-3-3100.4 -0.30 1 0 1 -10 -1-11 1e6 1e6 1e6 X h2, bottom perturbation h2, bottom perturbation h2, bottom perturbation prediction numerical model prediction minus numerical model 1e6 1e6 0.3 107.5 107.5 4 4 0.2 3 3 3 - 107.0 - 107.0 2 2 2 - 0.1 - 106.5 - 106.5 1 1 1 - 0.0 - 106.0 0 0 - 106.0 -0.1-1-1- 105.5 - 105.5 -2**-**2 -2- 105.0 105.0 -3-3-3-11 -10 1 -11 1e6 1e6 1e6 X X X