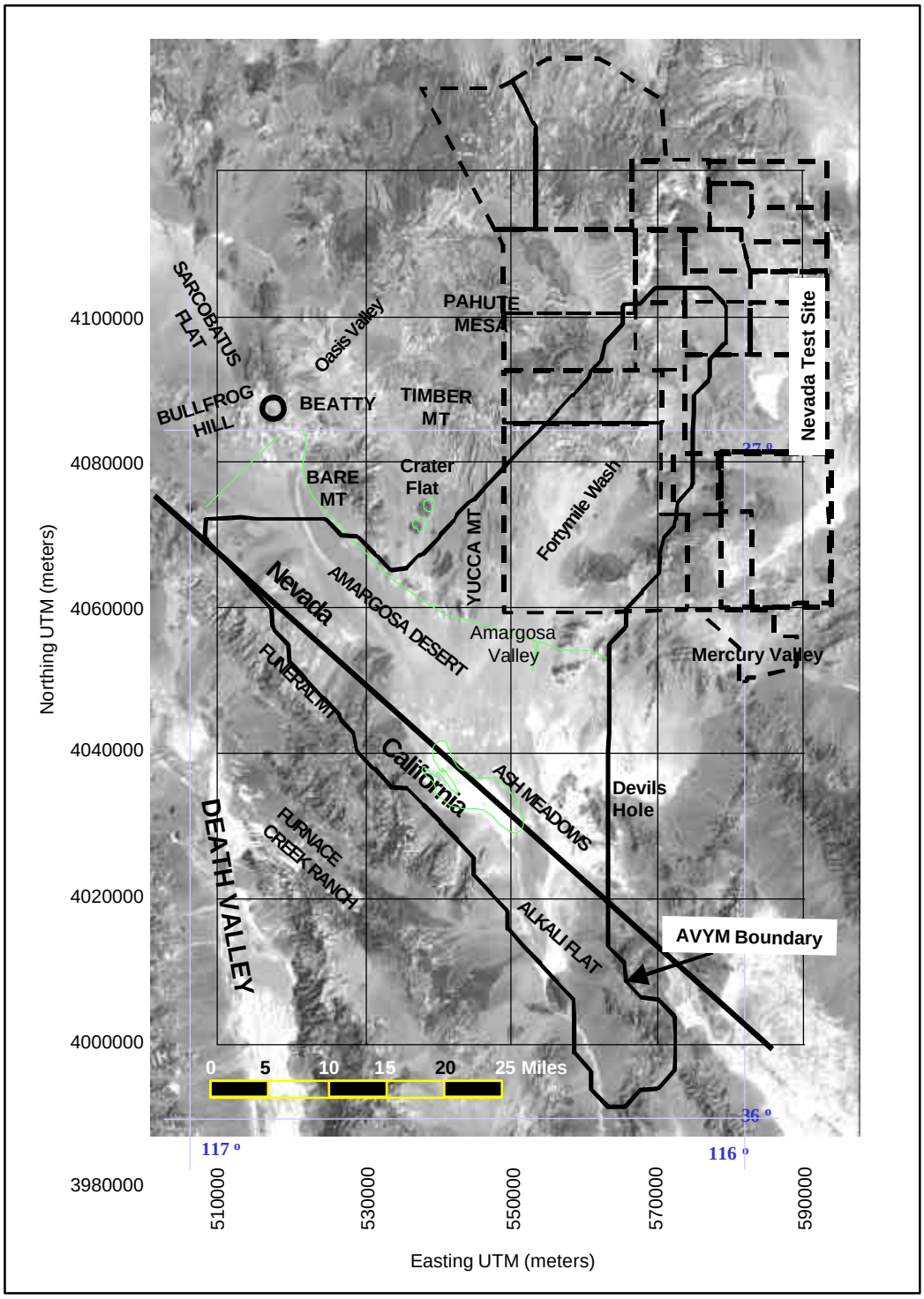
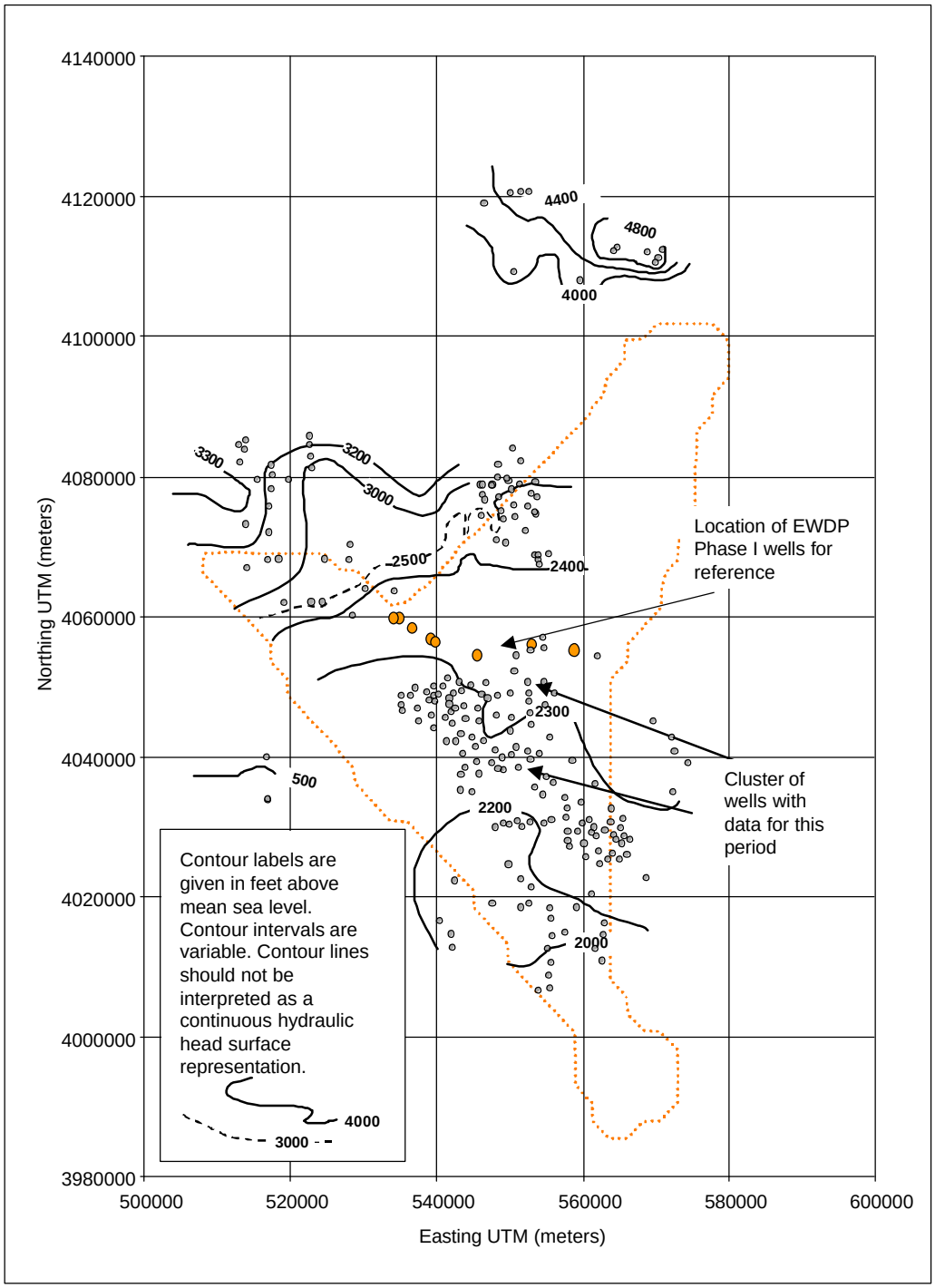


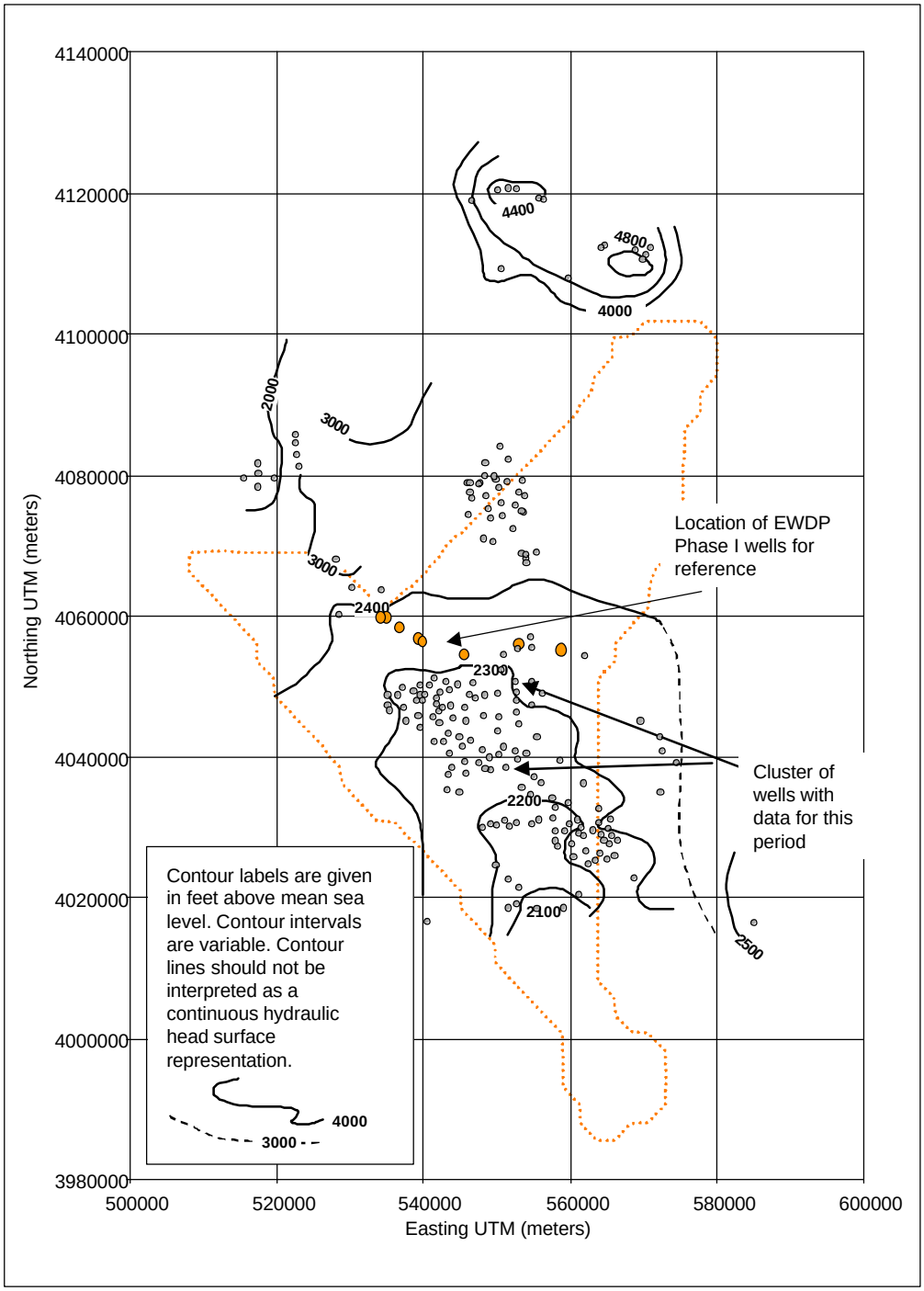
NOTE: AVYM = Amargosa Valley/Yucca Mountain

Figure 4.3-1
Simplified Physiographic Features of the Amargosa Valley/ Yucca Mountain Model Region



NOTE: EWDP = Early Warning Drilling Program

Figure 4.3-2a
Water Level Elevations in Feet Averaged for the Period 1980 to 1989
(11,310 water level measurements at 503 locations)



NOTE: EWDP = Early Warning Drilling Program

Figure 4.3-2b
Water Level Elevations in Feet Averaged for the Period 1990 to 1997
(5,651 water level measurements at 325 locations)

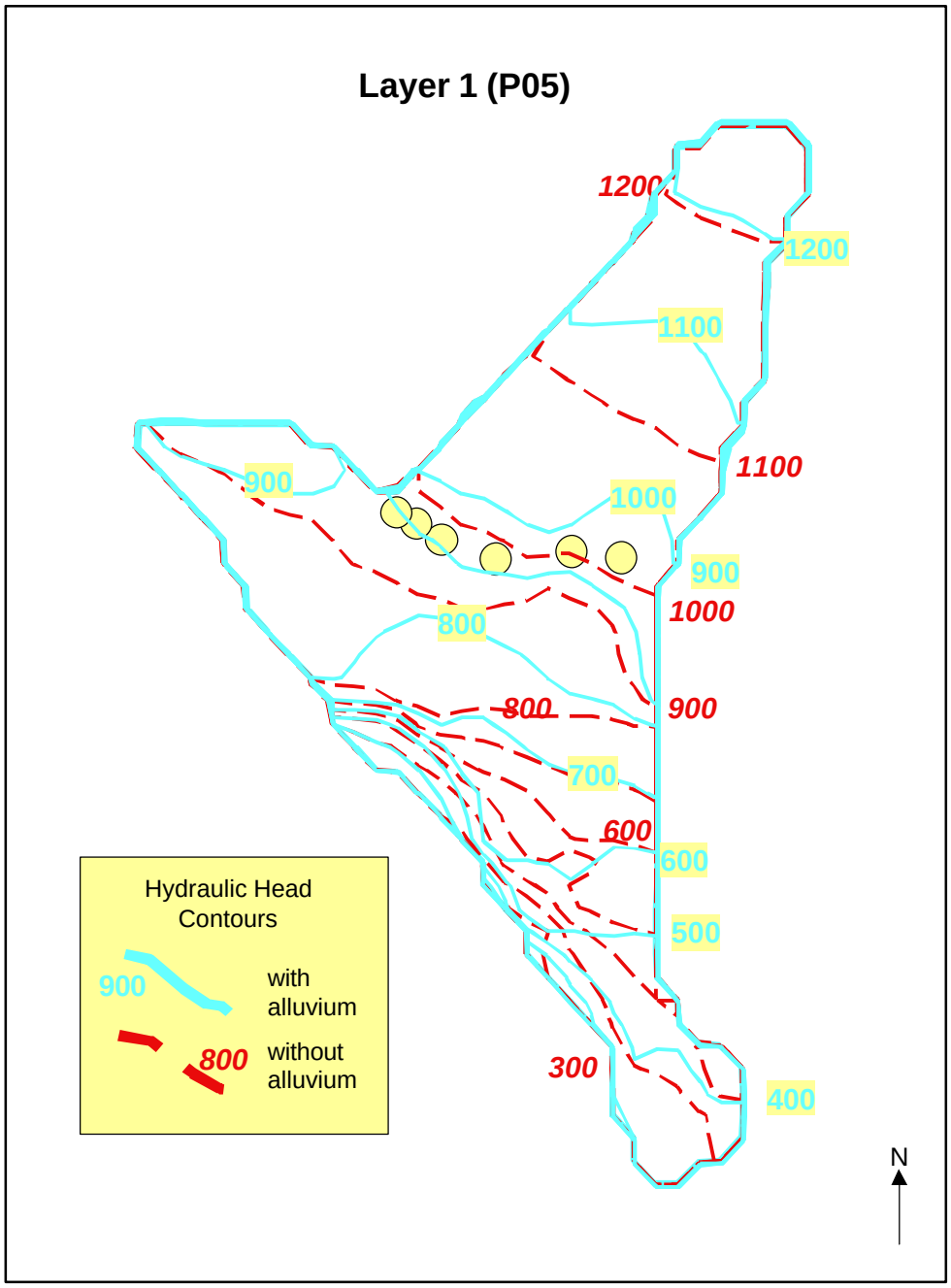


Figure 4.3-3a
Layer 1 Results of Amargosa Valley/Yucca Mountain Model Steady-State Simulations with and without Alluvium (K_u or Upper K_a restriction applied to all layers [K_u = 1 m/day, K_{river} = 21.2 m/day])

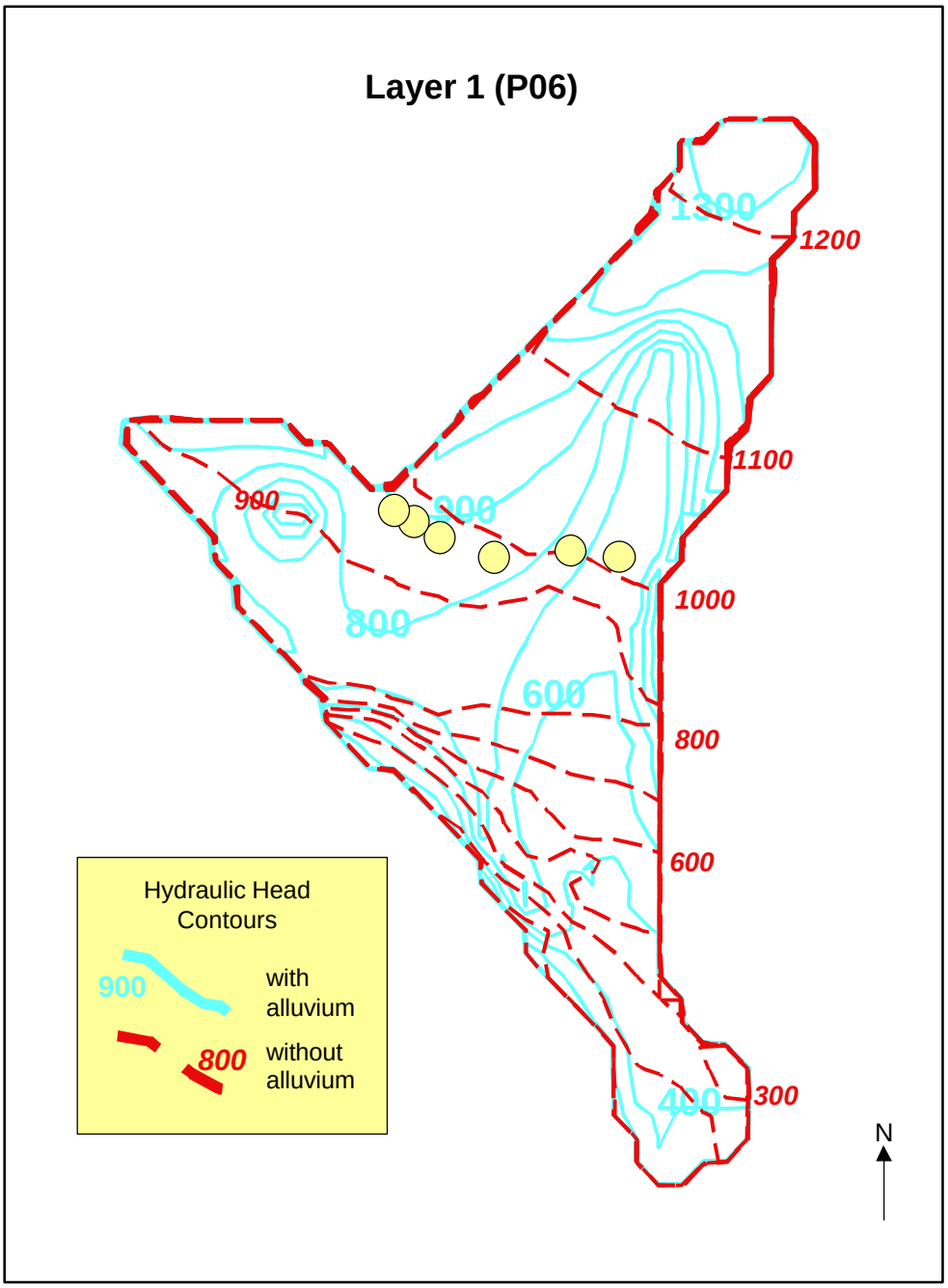


Figure 4.3-3b
Layer 1 Results of Amargosa Valley/Yucca Mountain Model Steady-State Simulations with and without Alluvium
(K_u or upper K_a restriction applied to all layers
[K_u * = 0.01 m/day, K_{river} = 21.2 m/day])

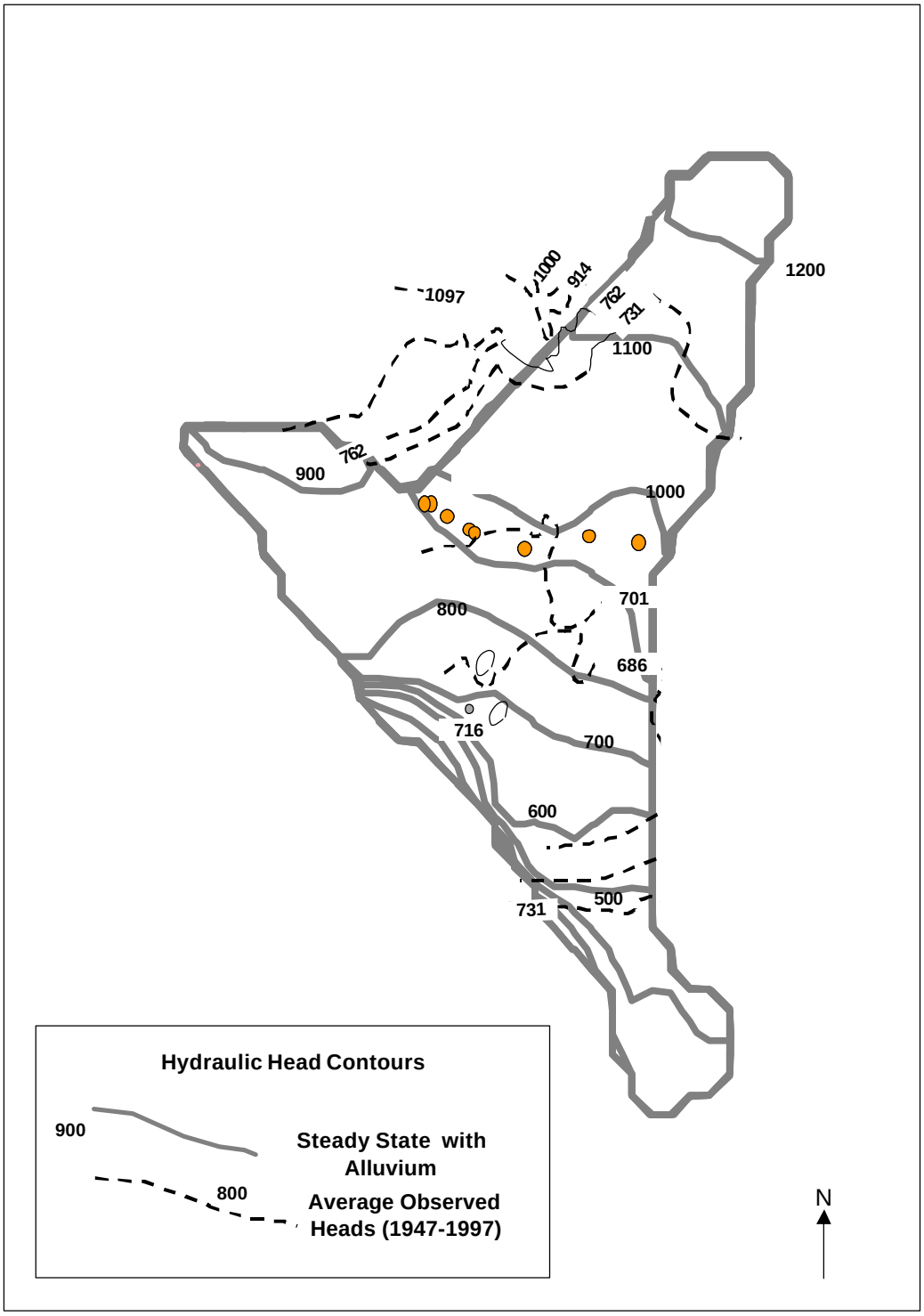


Figure 4.3-4a
Steady-State Hydraulic Heads for 3,000-Meter-Wide Alluvial Channels, where Surrounding Sediment Hydraulic Conductivities Were Equal to Original Death Valley Regional Groundwater Flow System Values, Compared to Measured Hydraulic Head Data Averaged between 1947 and 1997

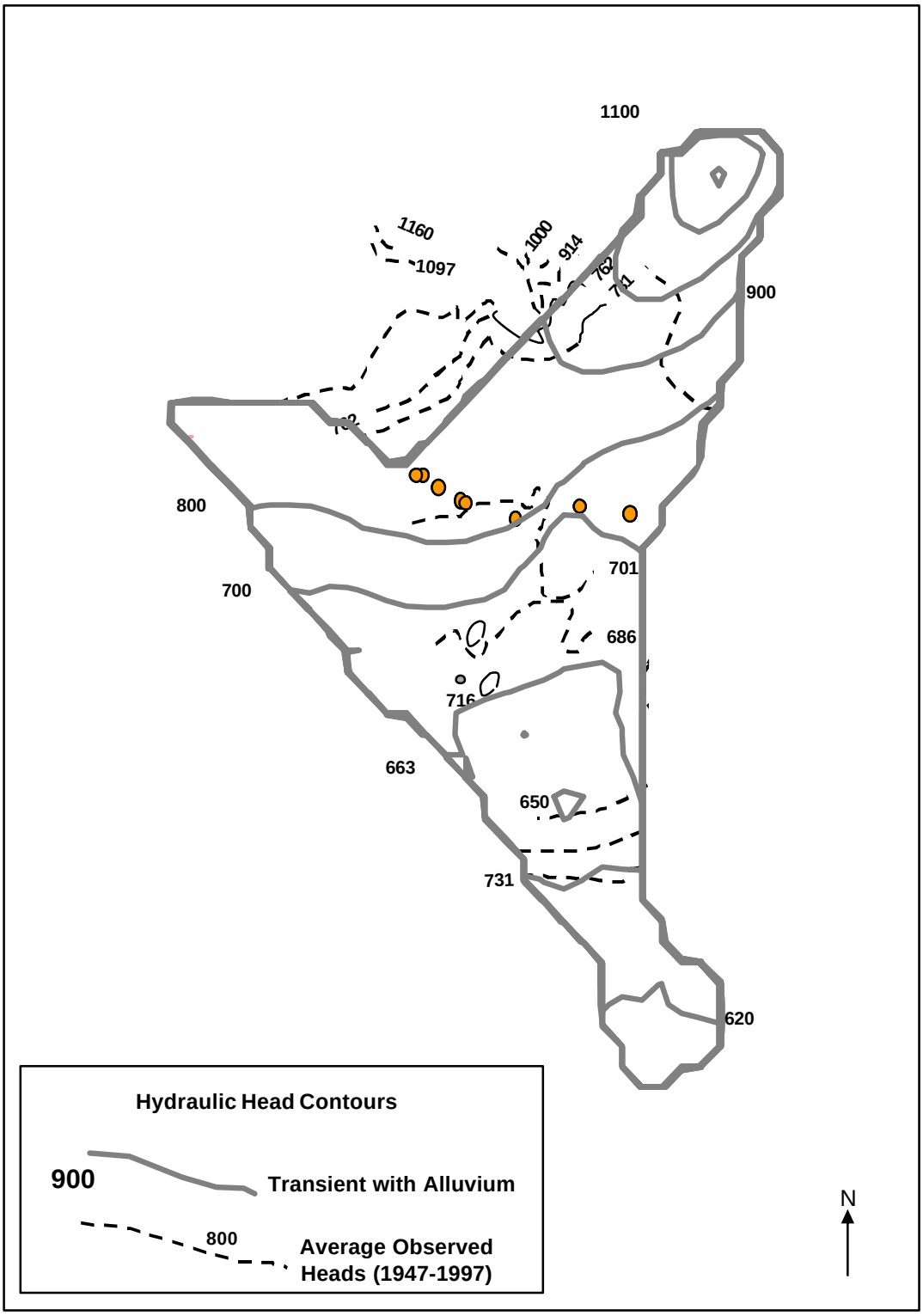
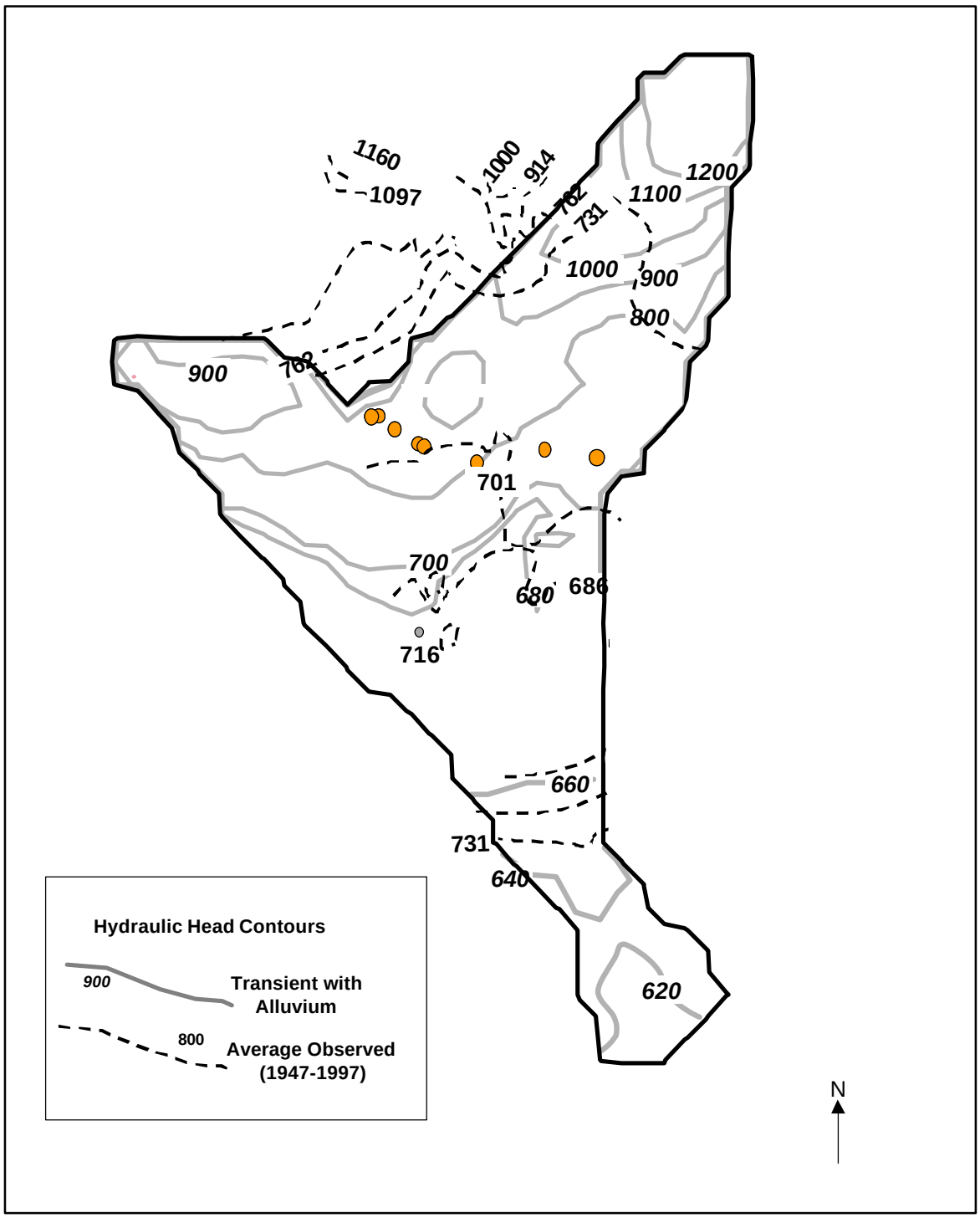


Figure 4.3-4b
Transient Hydraulic Heads for 3,000-Meter-Wide Alluvial Channels, where Surrounding Sediment Hydraulic Conductivities Were Equal to Original Death Valley Regional Groundwater Flow System Values, Compared to Measured Hydraulic Head Data Averaged between 1947 and 1997



NOTE: EWDP = Early Warning Drilling Program

Figure 4.3-5
Transient-State Simulated Hydraulic Heads for 15,000-Meter-Wide Alluvial Channels, where Surrounding Sediment Hydraulic Conductivities Were Equal to Original Death Valley Regional Groundwater Flow System Values, Compared to Measured Hydraulic Head Data Averaged between 1947 and 1997