

- PW-101 ● Production well
- 8 ▲ Stream gaging locations
- SF-10 ⊕ Evert municipal wells and well number

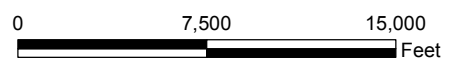


Figure 1 Regional Model Area

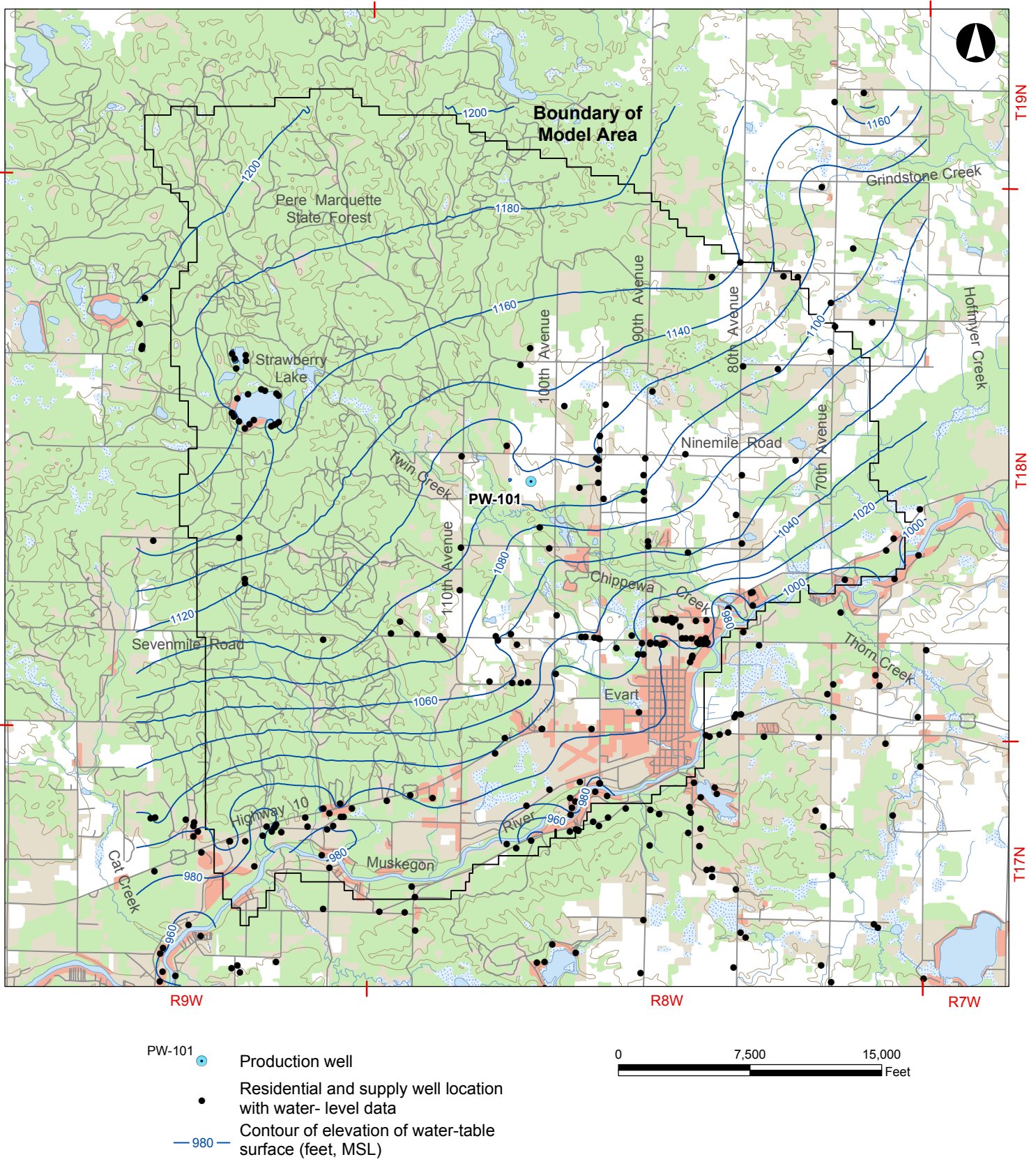


Figure 2a Regional Groundwater Levels from Water Well Records

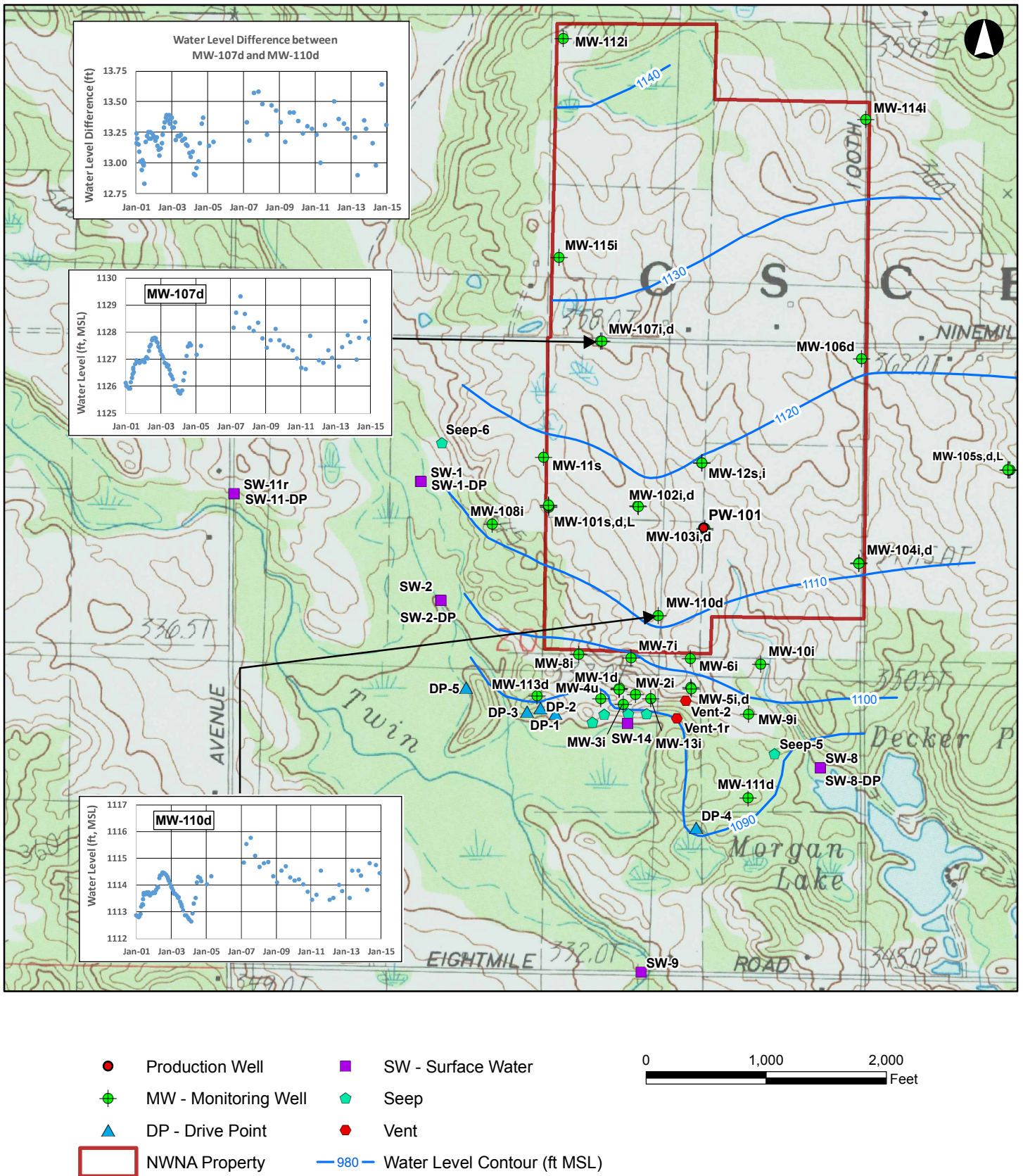
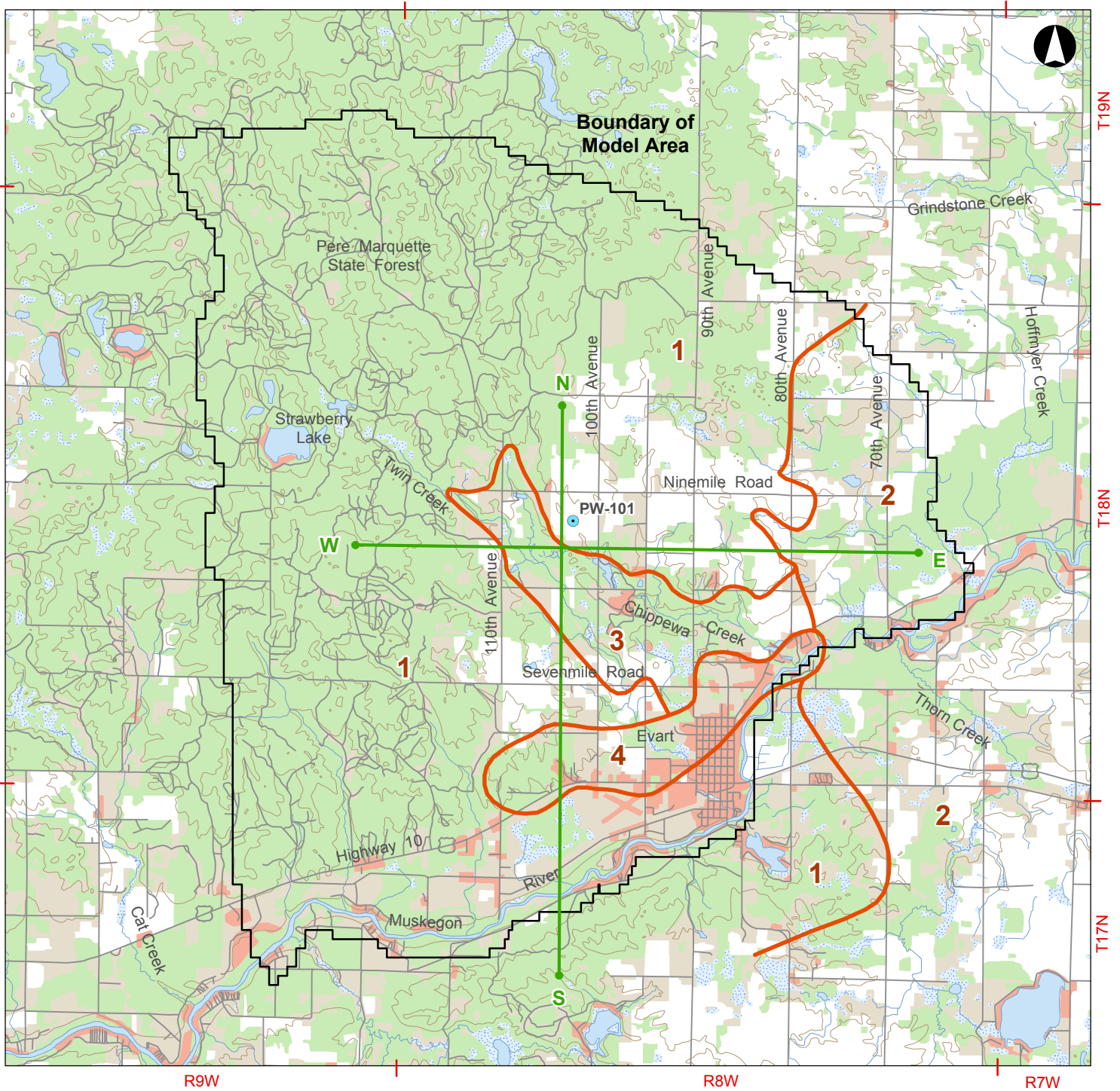


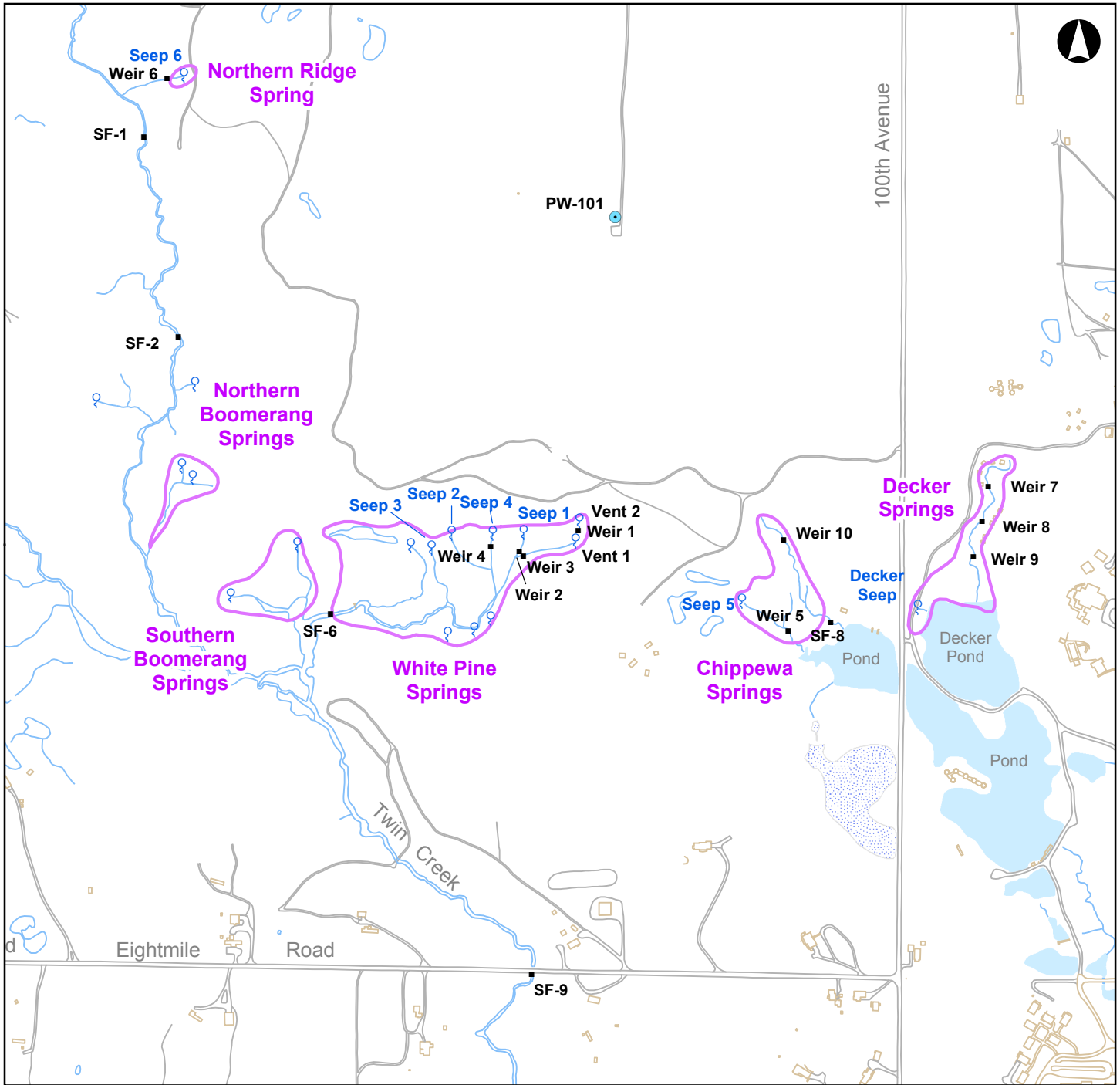
Figure 2b Groundwater Levels on July 7, 2012 in Vicinity of PW-101






- 1** Undifferentiated Sands
- 2** Eastern Fine-grained Sediments
- 3** Fine-grained Sediments of Twin and Chippewa creeks
- 4** Coarse-grained Sand and Gravel
- Geologic cross section trace



Figure 3 Regional Geologic Zones and Cross Section Traces



- PW-101  Production well
- Weir 1  Stream gaging or weir location
- Seep 1  Location of major seep or spring

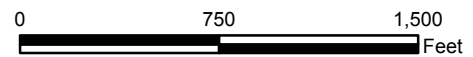
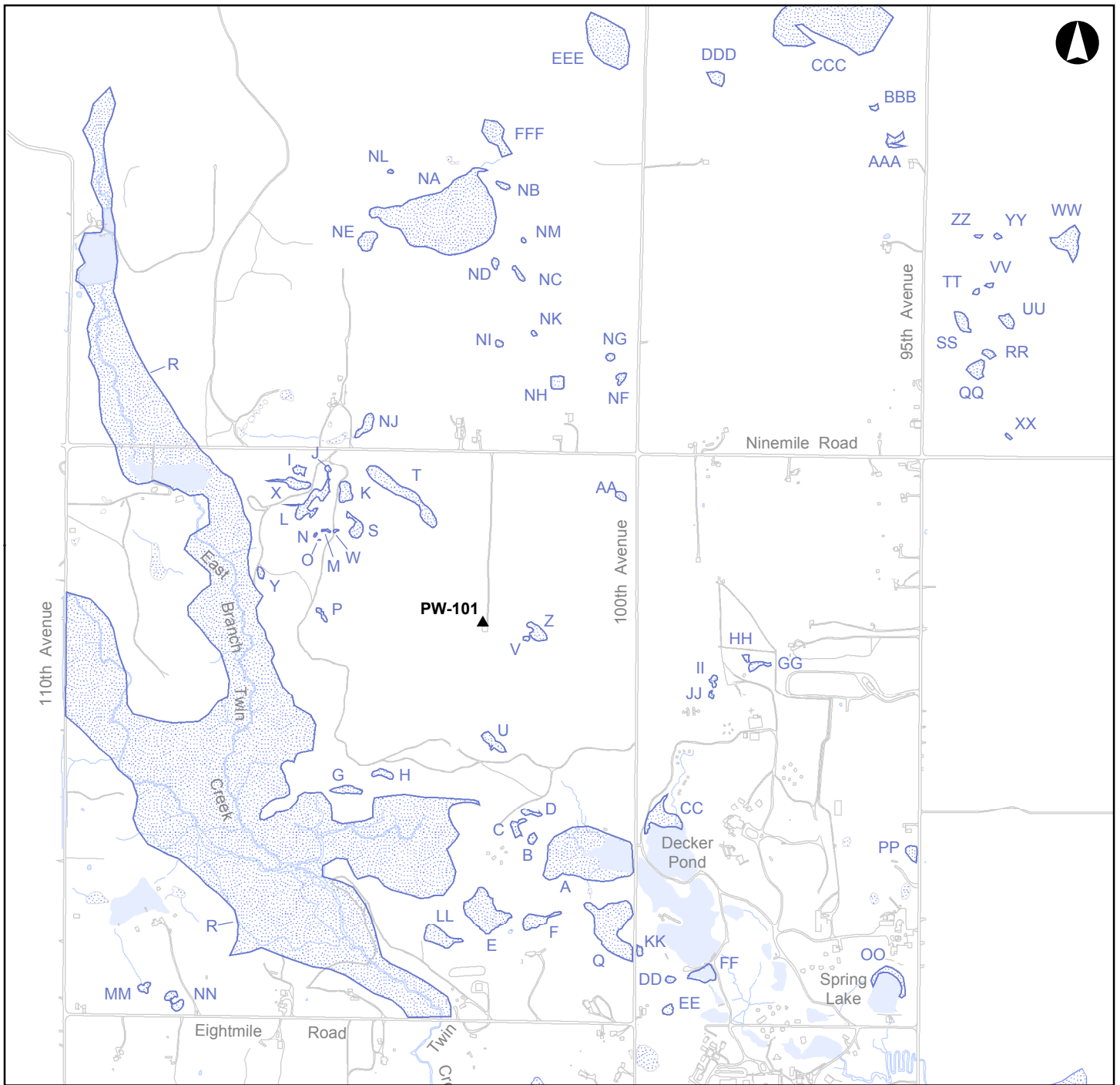



Figure 5 Springs and Streams in the Vicinity of PW-101



A  Mapped wetlands

0 1,000 2,000
Feet

Figure 10 Location Map of Wetlands

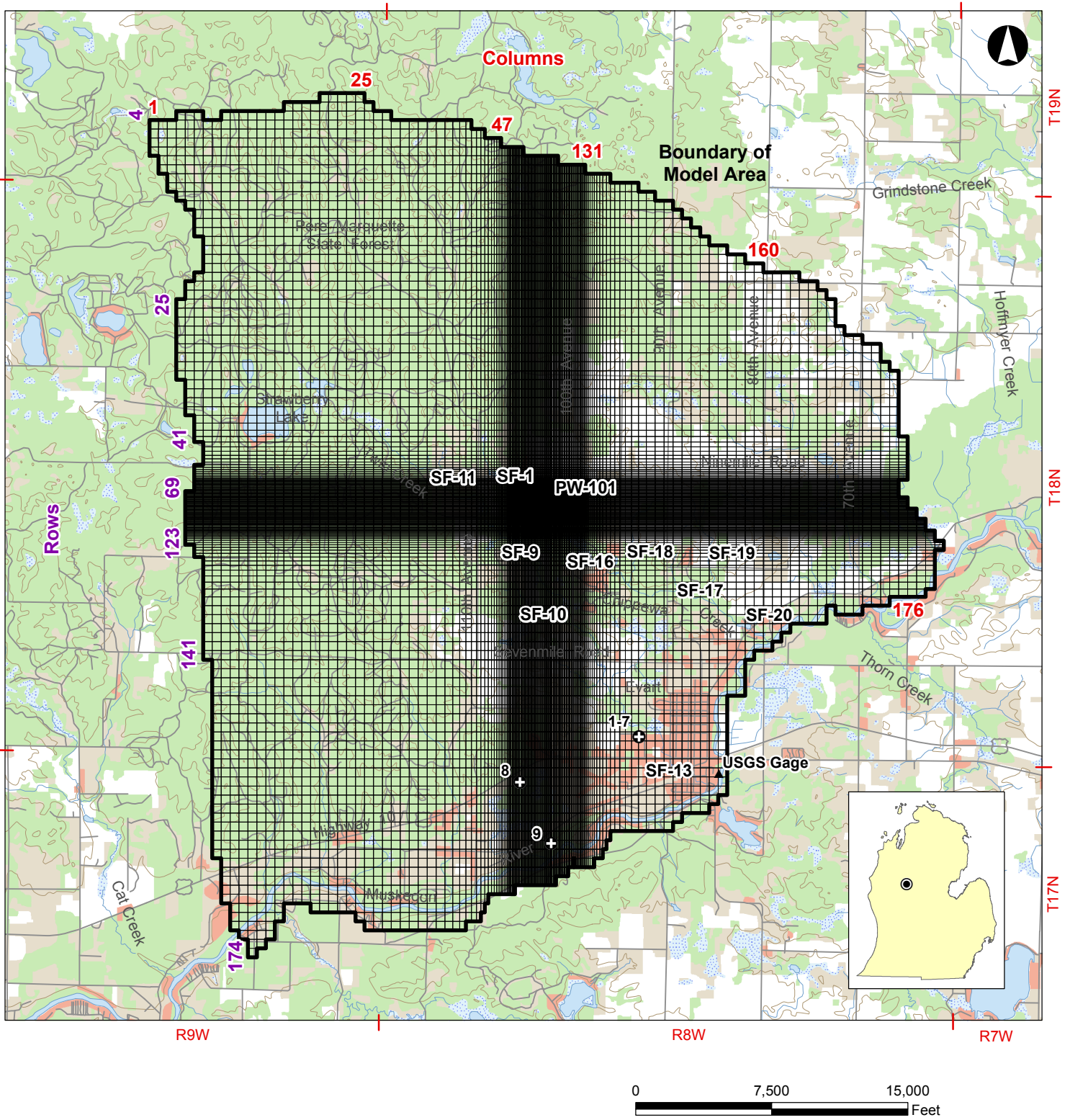


Figure 12 Regional Groundwater Model Grid

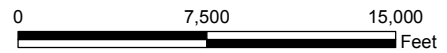
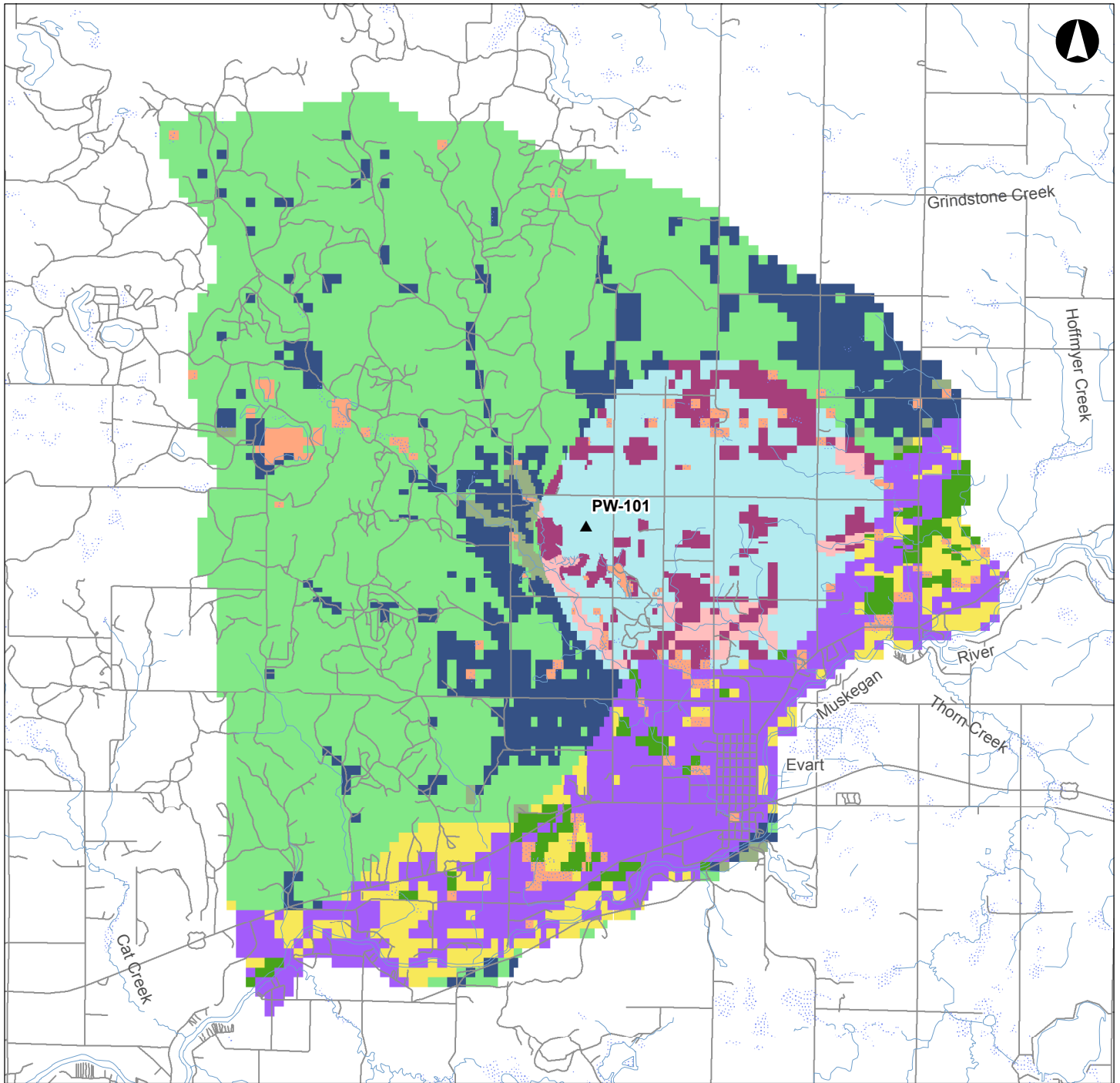
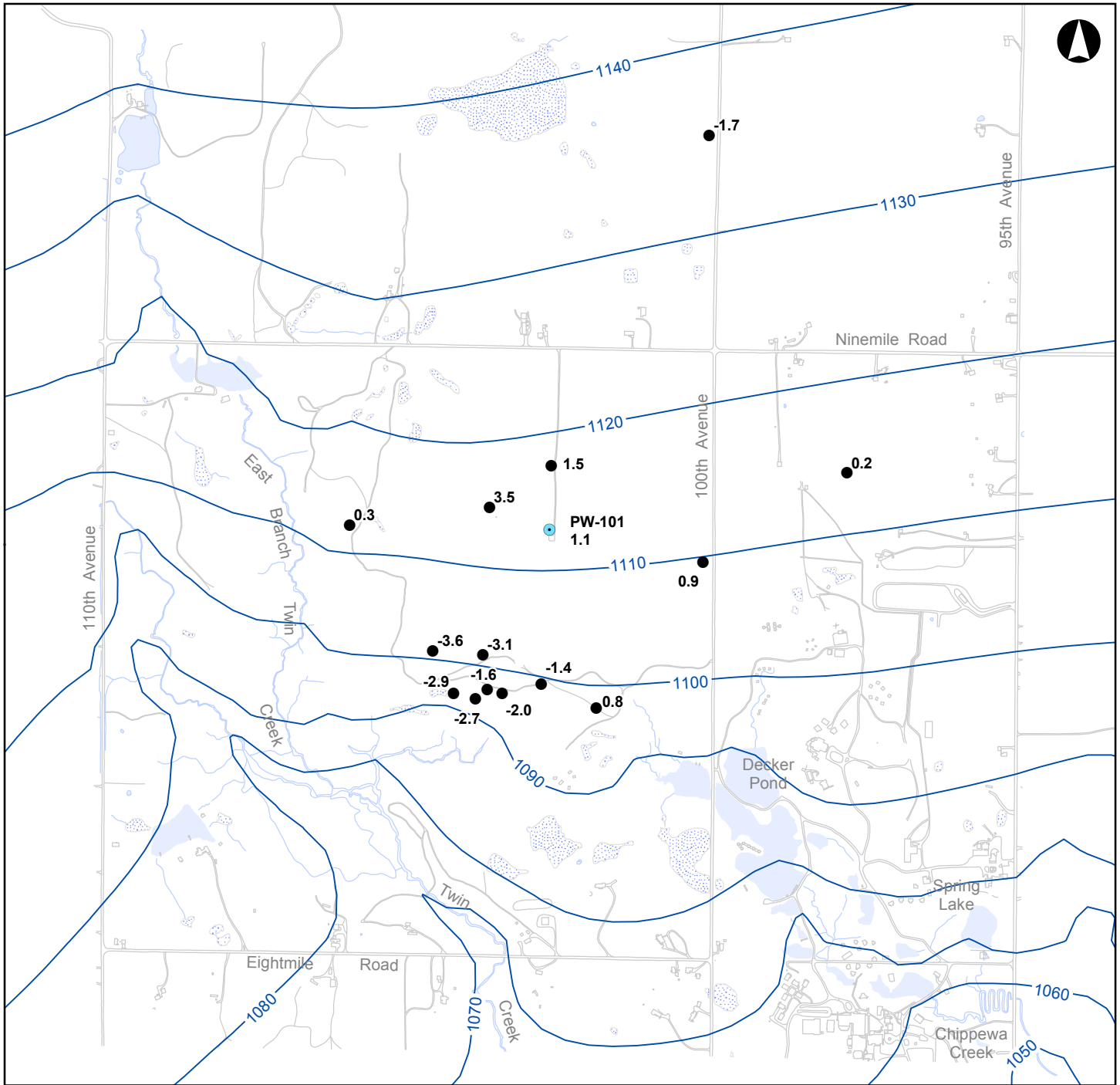


Figure 13 Recharge Zones in Model Area



- PW-101 ● Production well
- 0.2 ● Water Level Residual (feet)
- 1110— Contour of elevation of water-table surface (feet, MSL)

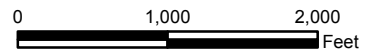


Figure 14 Calculated Steady-State Groundwater Levels in Vicinity of PW-101

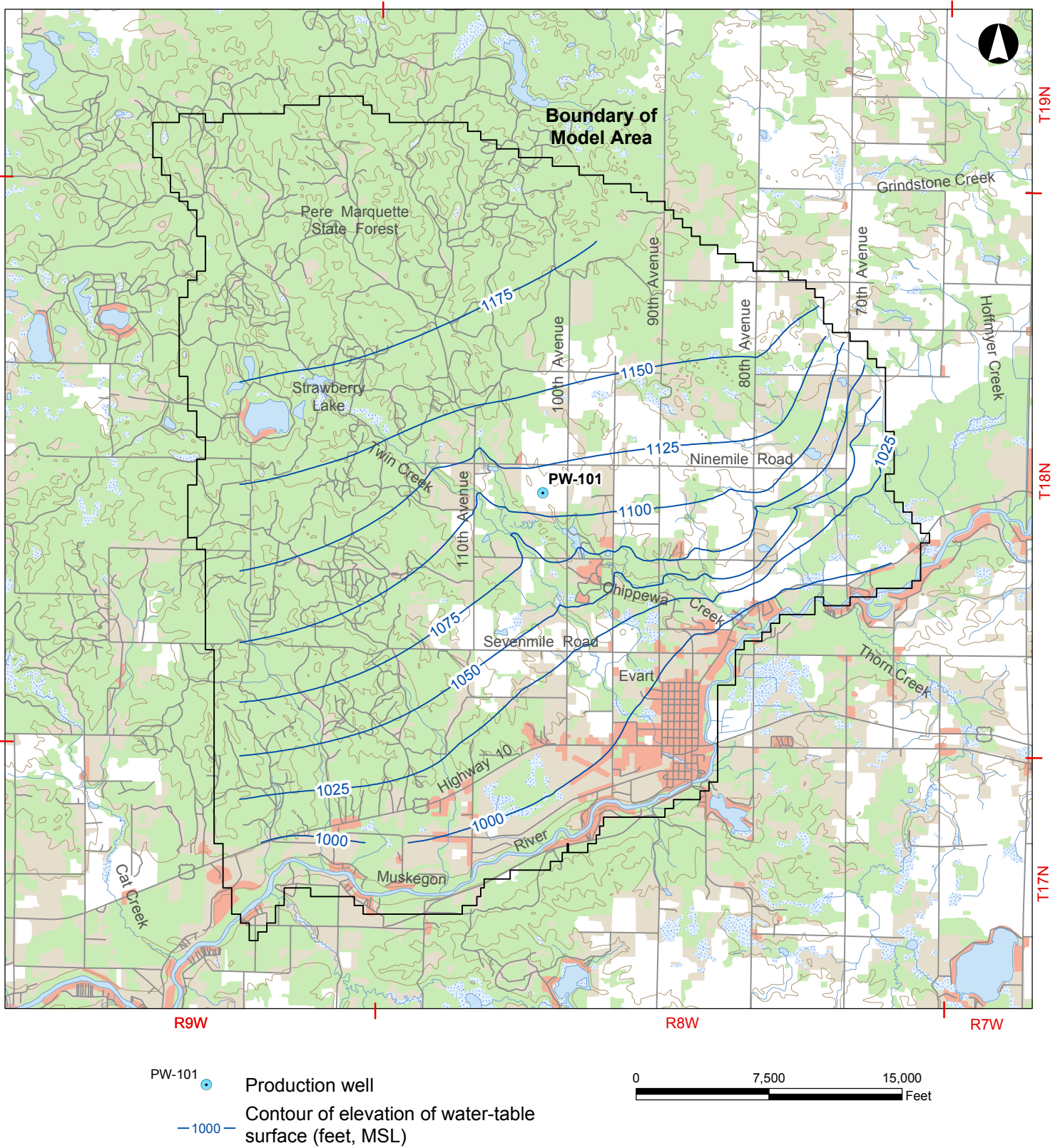
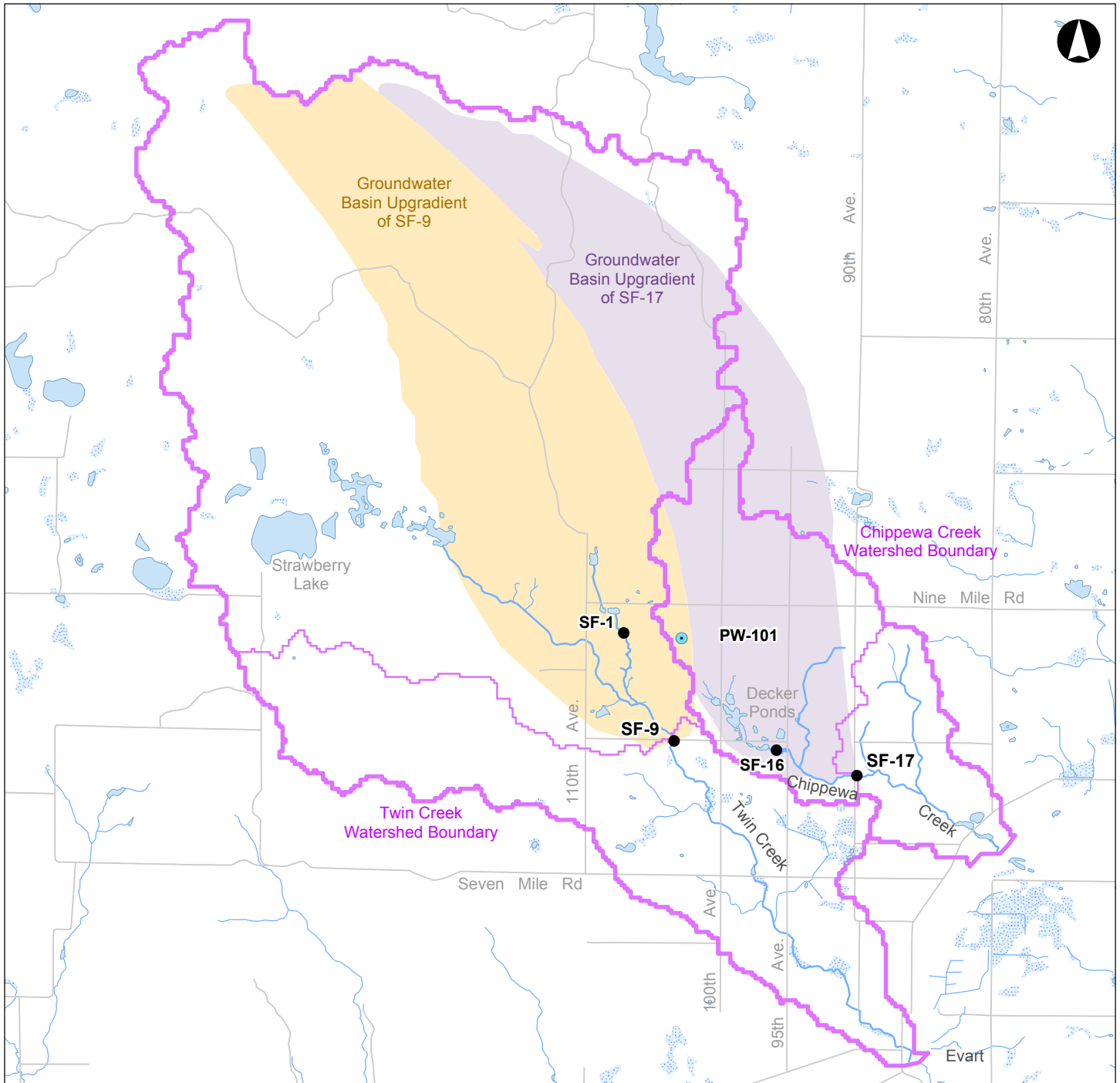


Figure 15 Calculated Steady-State Regional Groundwater Levels



- PW-101 ● Production well
- SF-1 ● Stream gaging location
- ▬ Watershed boundary
- ▬ Sub-watershed boundary

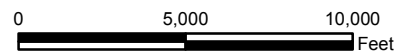
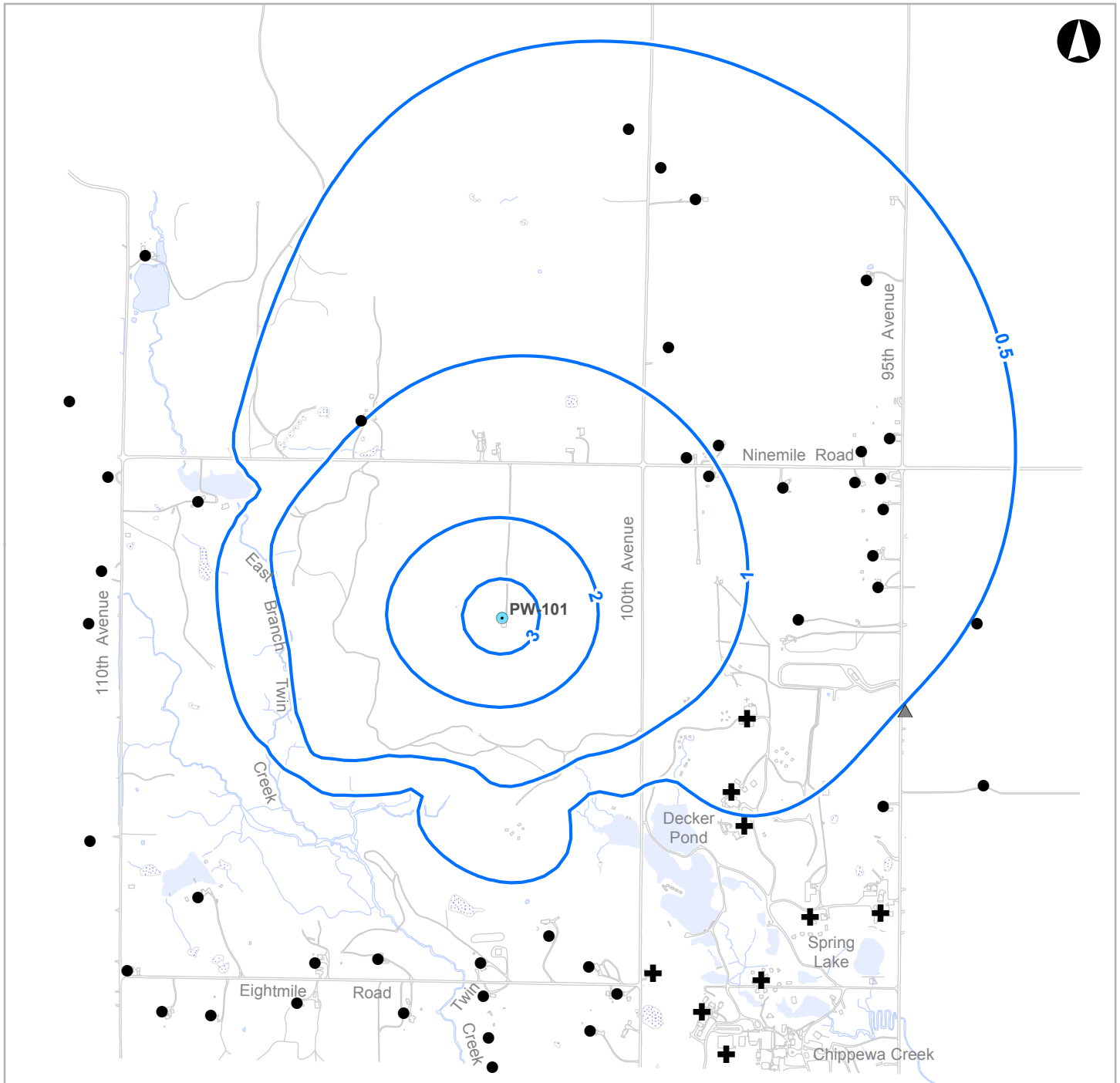


Figure 18 Twin Creek and Chippewa Creek Watersheds and Groundwater Basins



Note: Private wells only shown within one-mile of PW-101.

- PW-101 ● Production well
- Residential well
- ▲ Irrigation well
- + Spring Hill Camp well
- 3 Drawdown (feet)

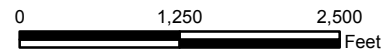


Figure 19 Calculated Drawdown after 10 Years from an Increase in Withdrawal Rate from PW-101 from 150 to 400 gpm