

Figure 11. Abstraction from ALPART's Wells at Nain

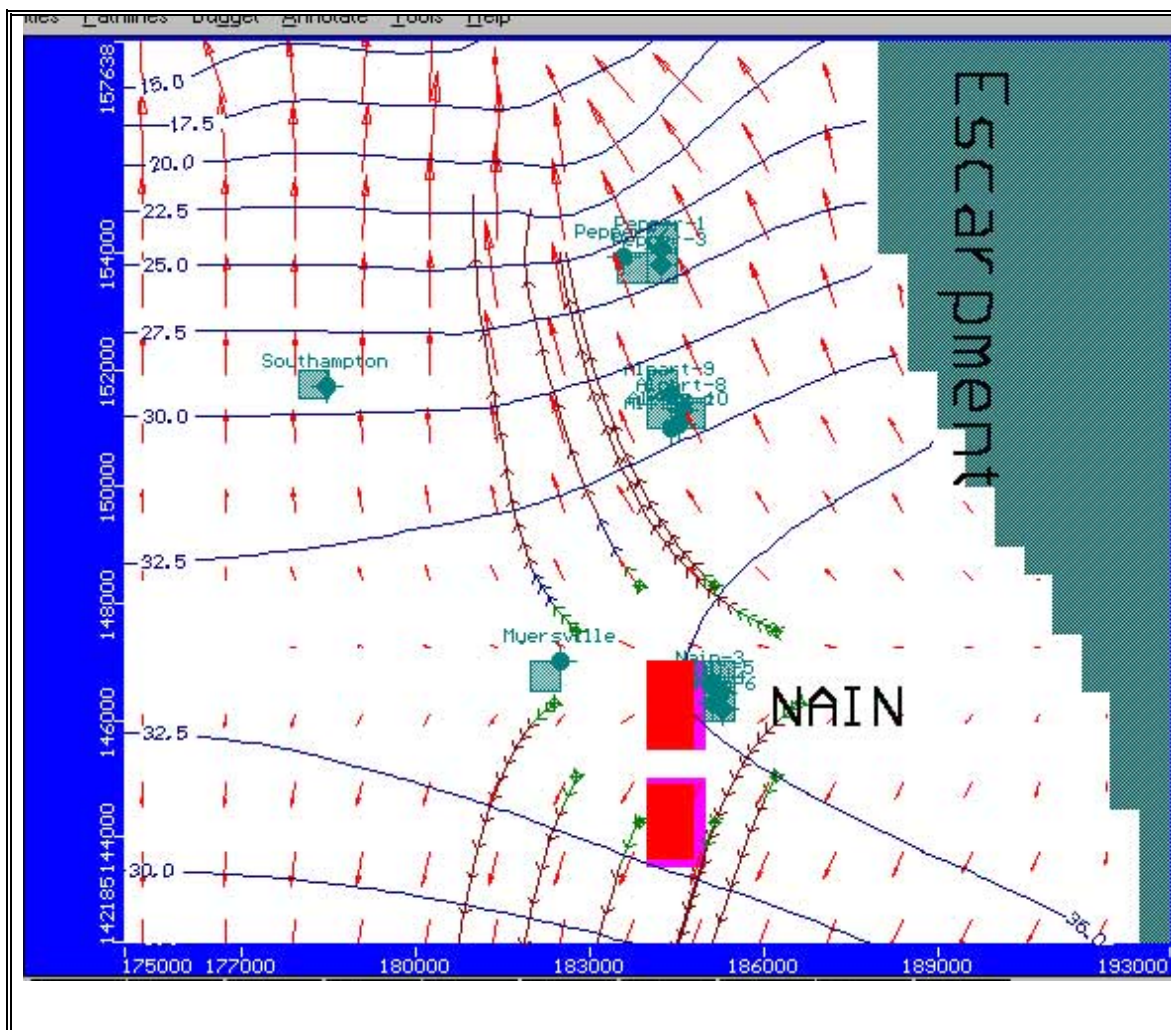


Figure 12. Equipotentials (heads), velocity vectors and pathlines without pumping. Nain – Pepper Area.

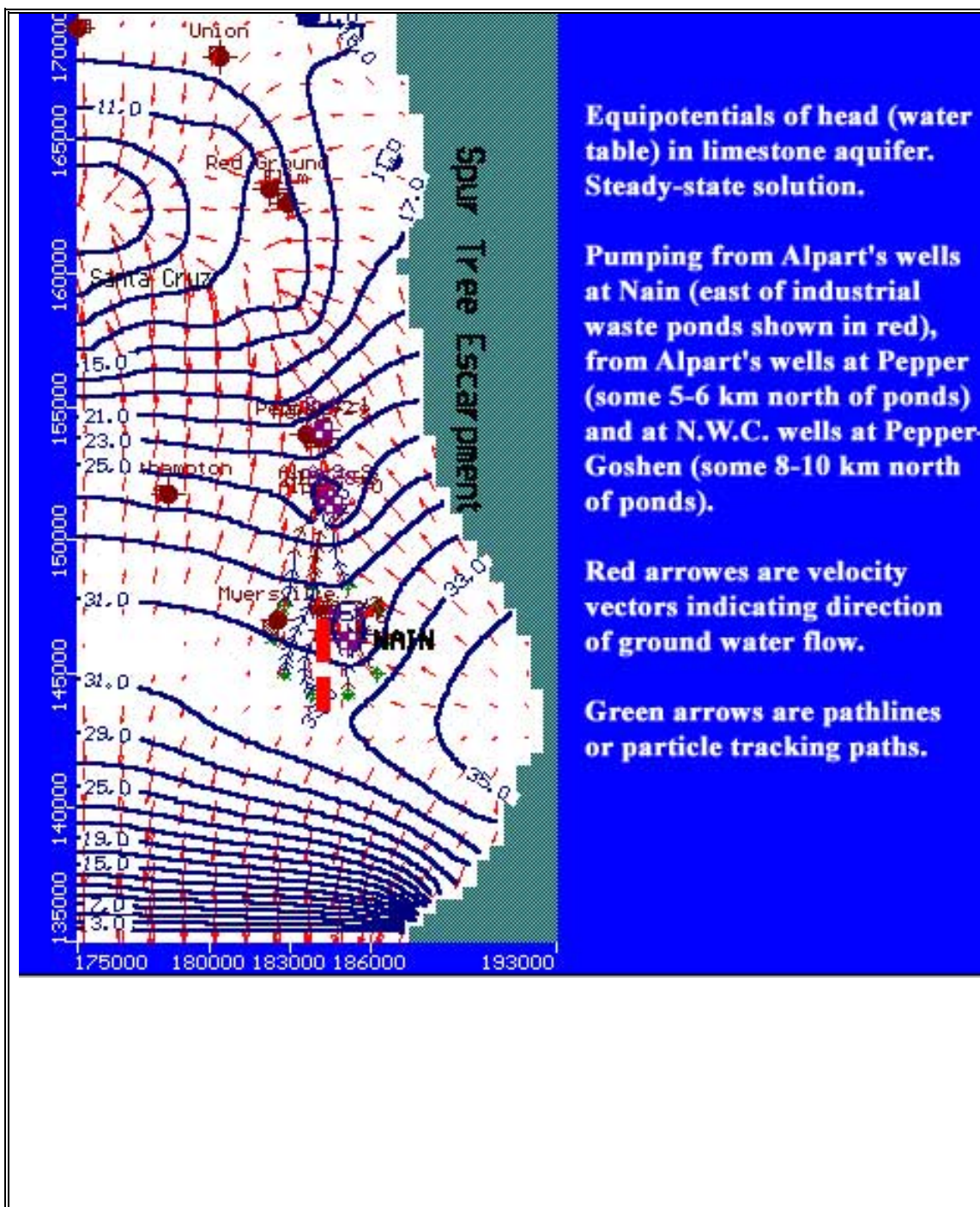


Figure 13. Equipotentials, velocity vectors and pathlines under present pumping conditions. Phase 3.

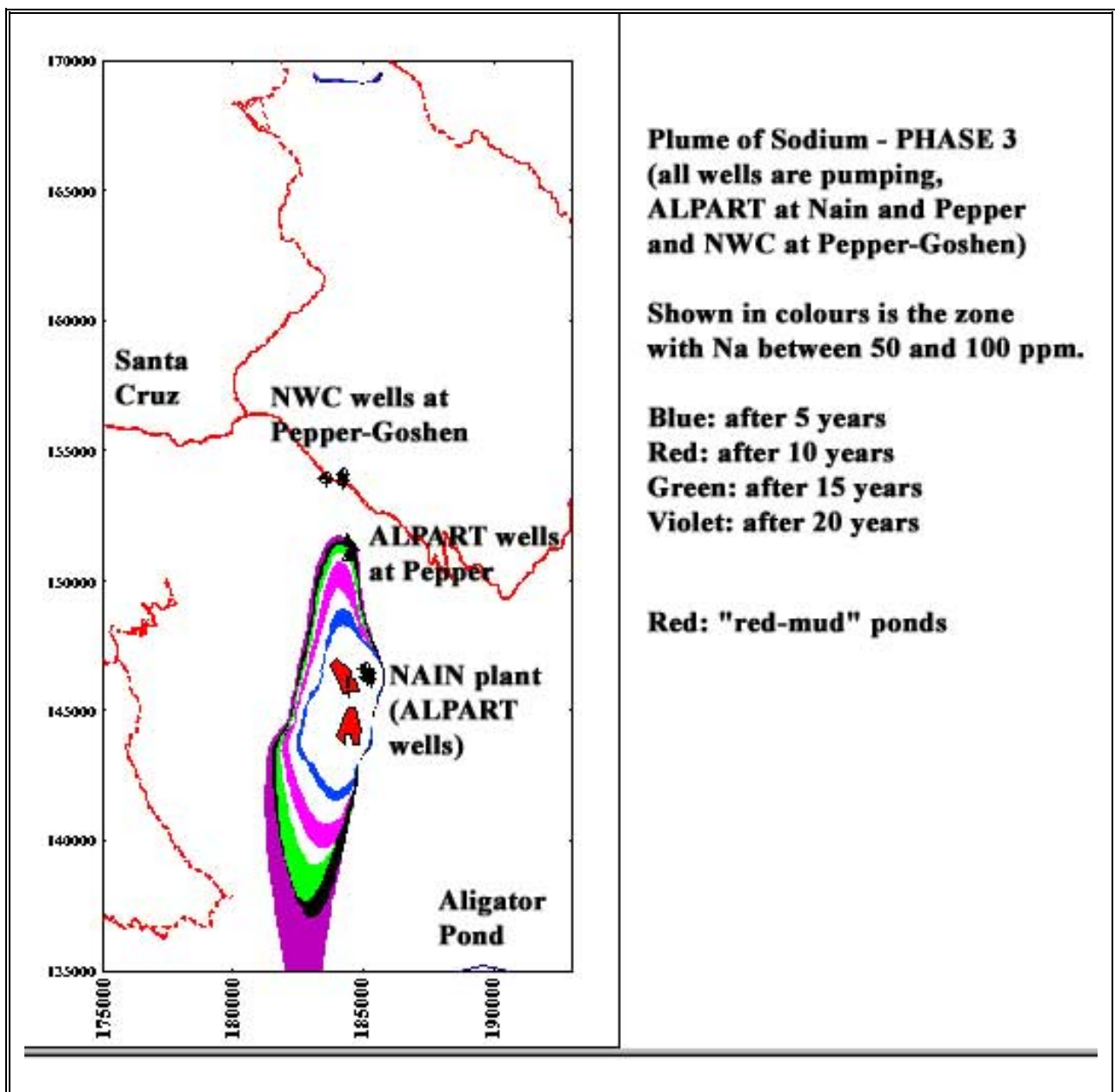


Figure 14. Sodium plume after 5, 10, 15, and 20 years. Phase 3. Real case.

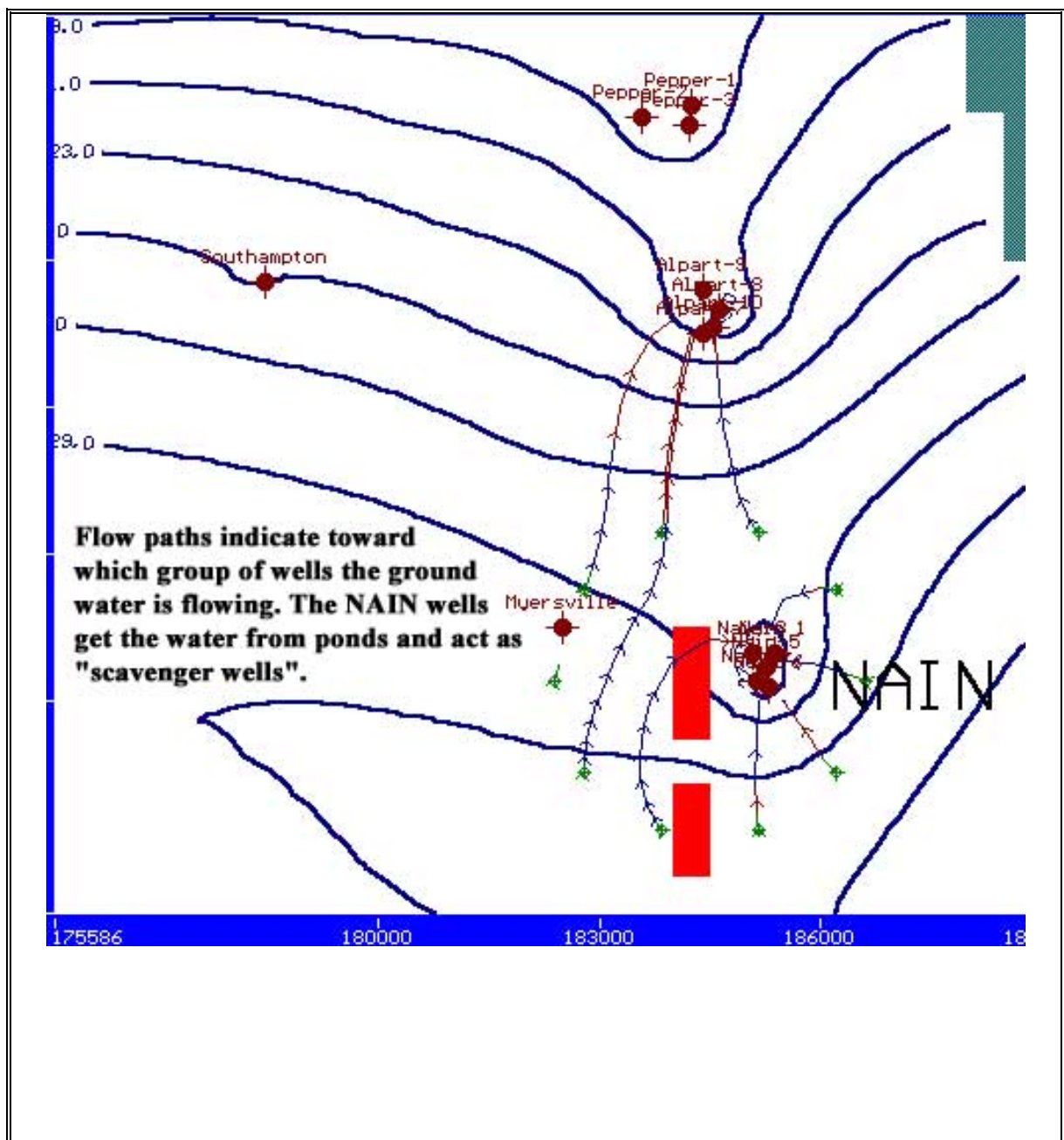


Figure 15. Particle tracking from Nain to Pepper in Phase 3. Real case.

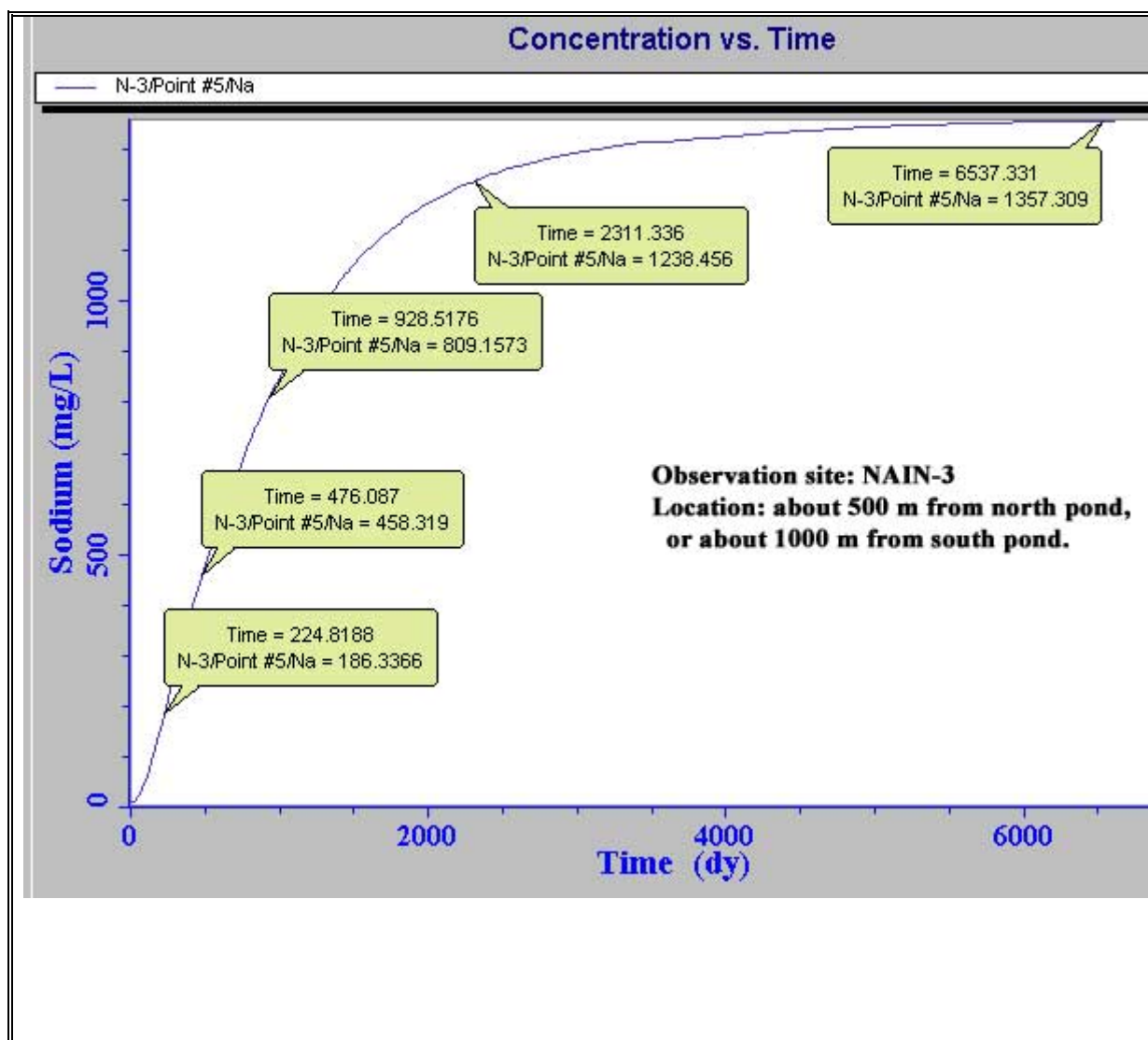


Figure 16. Sodium vs. time at Nain 3 in Phase 3. Real Case.

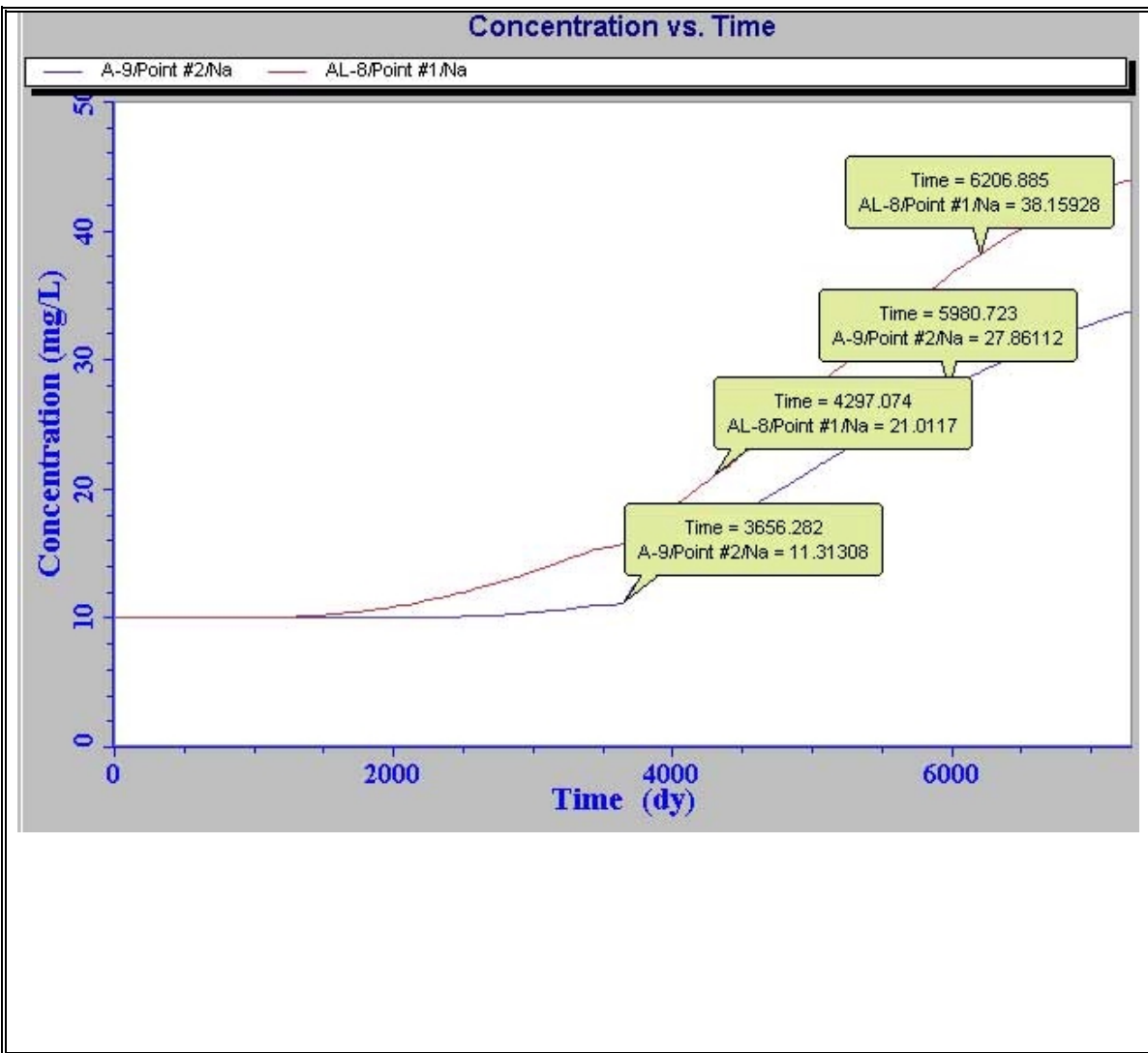


Figure 17. Sodium vs. time at ALPART 8 and 9 in Phase 3. Real case.

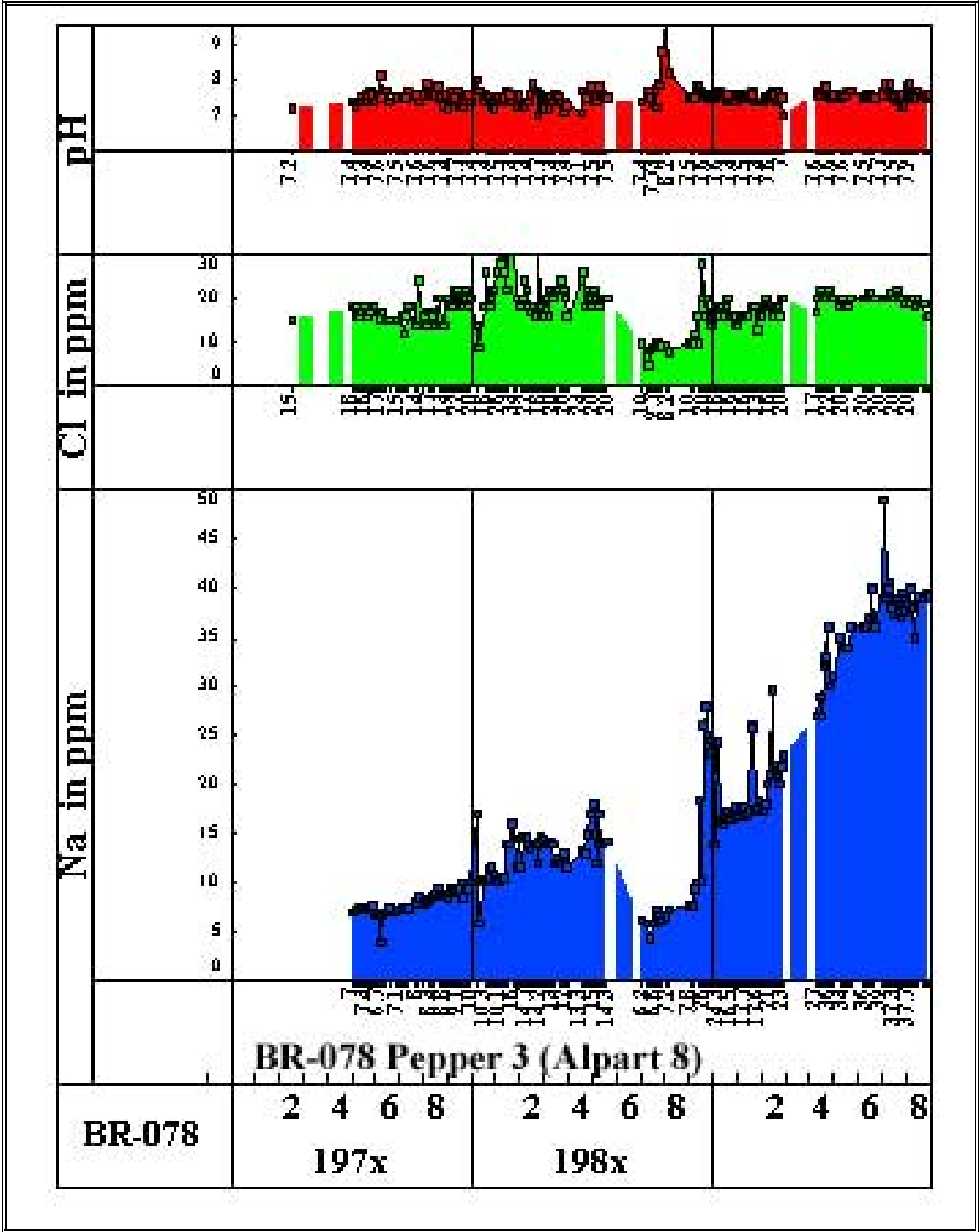


Figure 18. Time series of Na, Cl, and pH at Pepper 3 (ALPART)

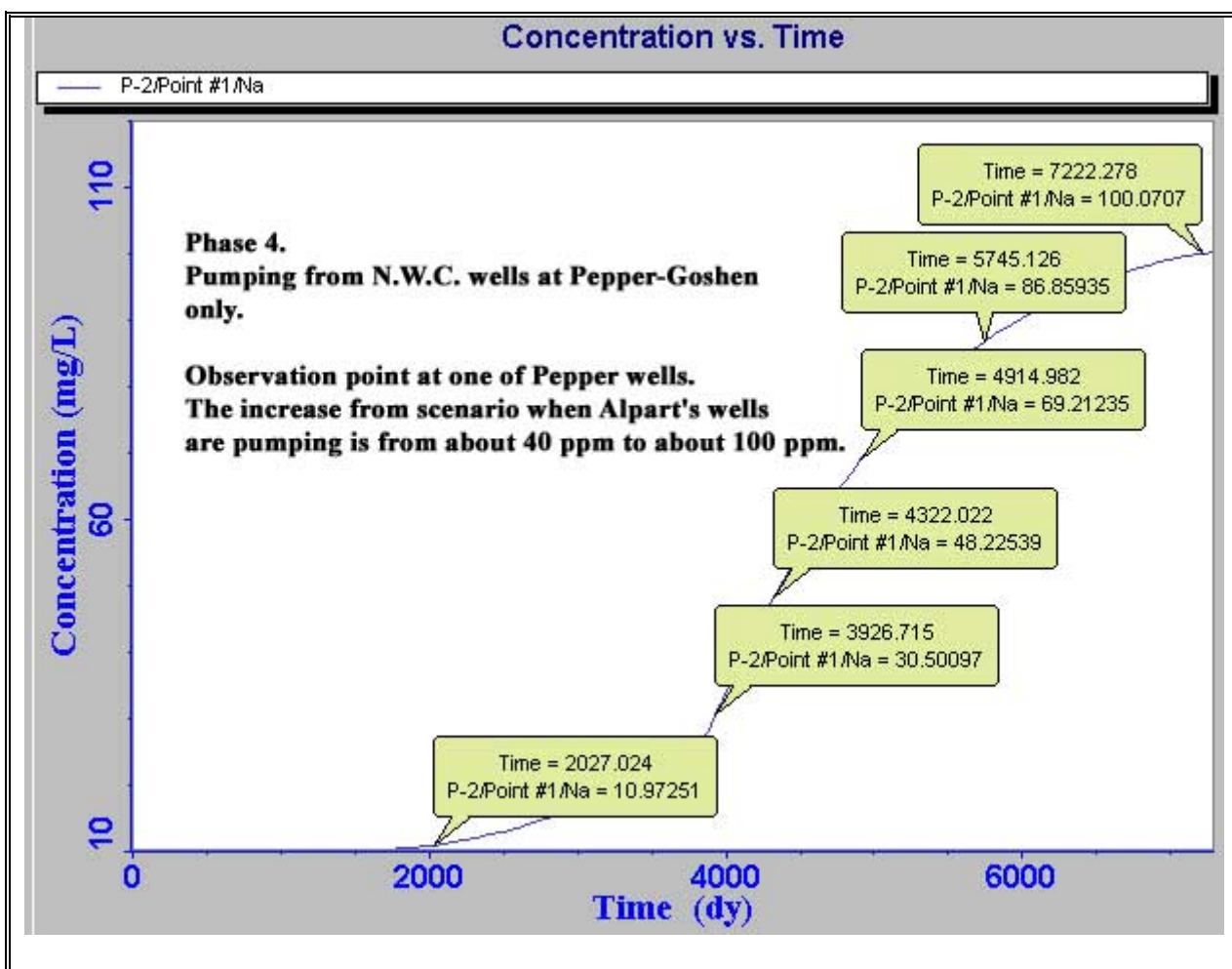


Figure 20. Sodium vs. time in one of NWC wells at Pepper. Phase 4.

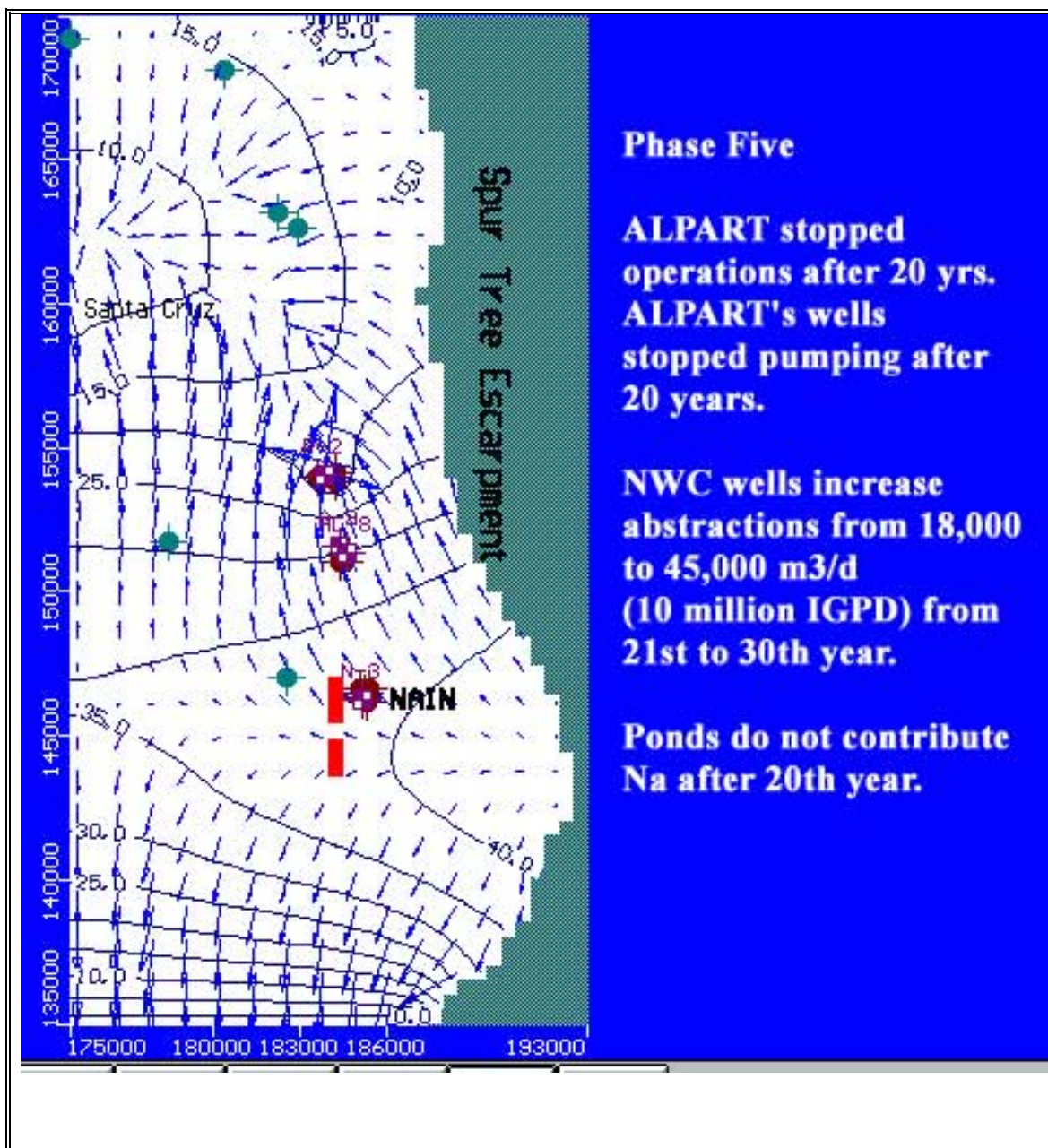


Figure 21. Flow net after 30 years in Phase 5. ALPART stopped and NWC increased pumping.

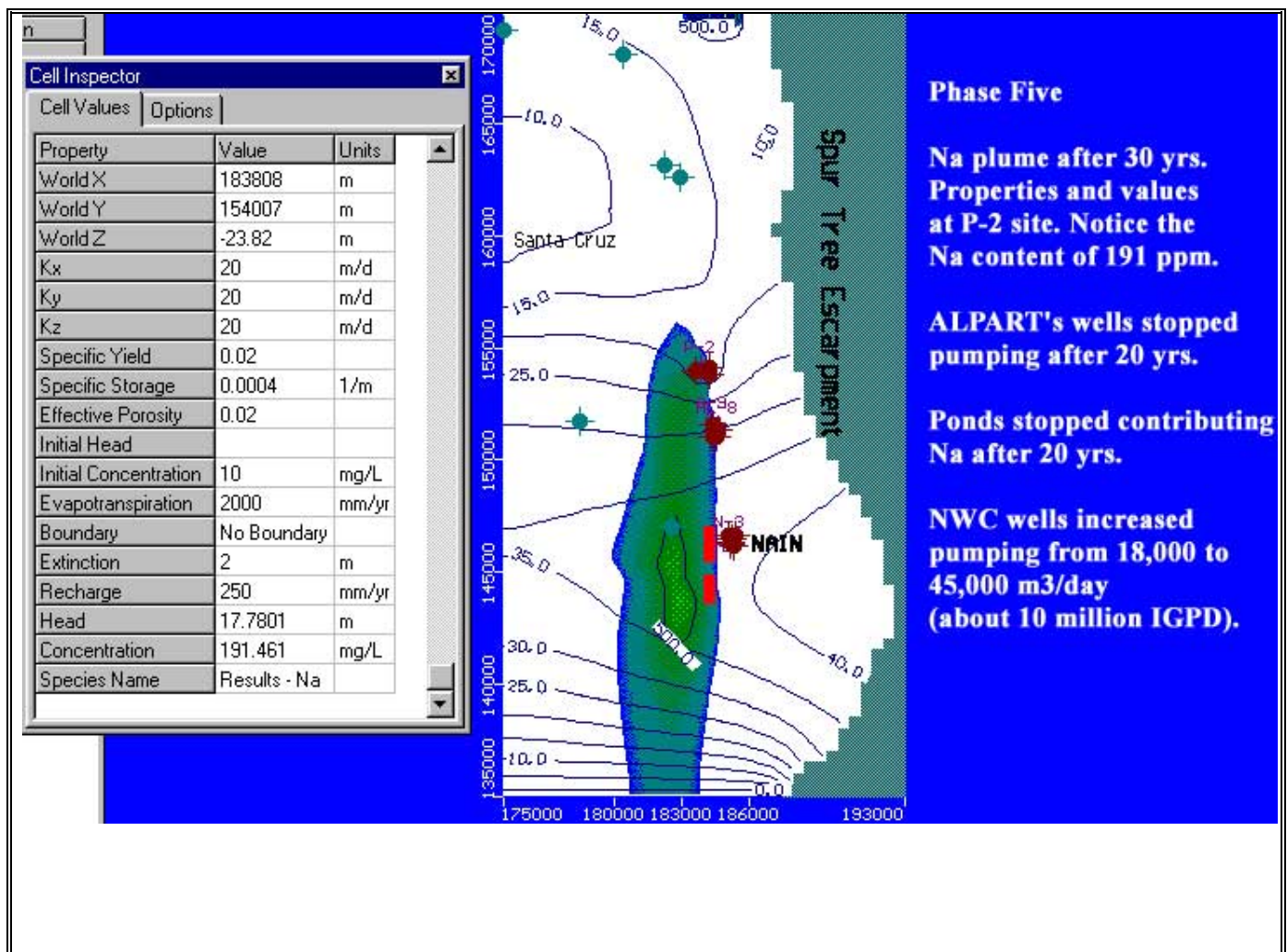


Figure 22. Sodium plume after 30 years. Phase 5.

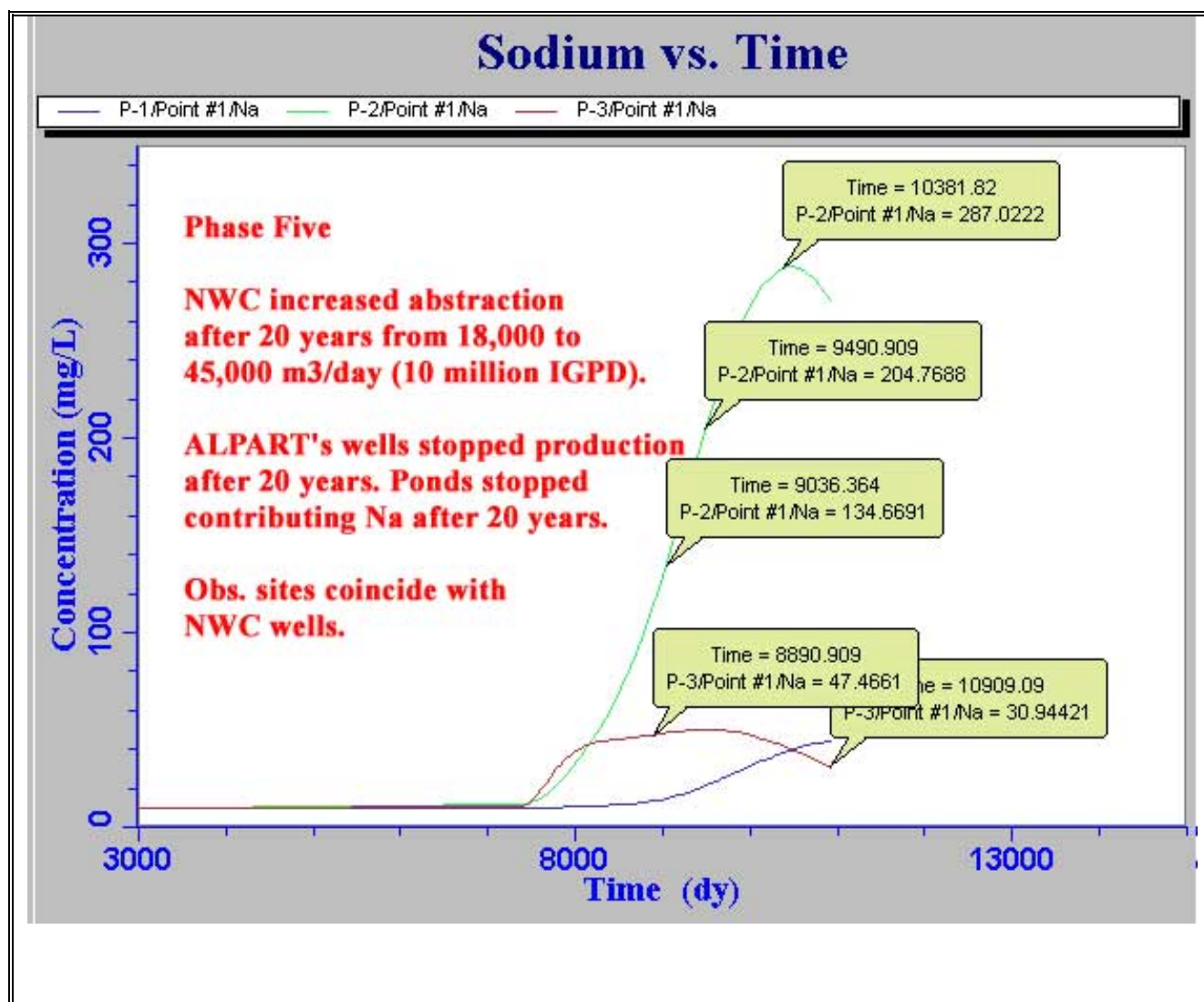


Figure 23. Sodium vs. time in NWC well at Pepper. Phase 5.