

Figure 9.46: Average annual Hortonian runoff from impervious surfaces (in/yr).

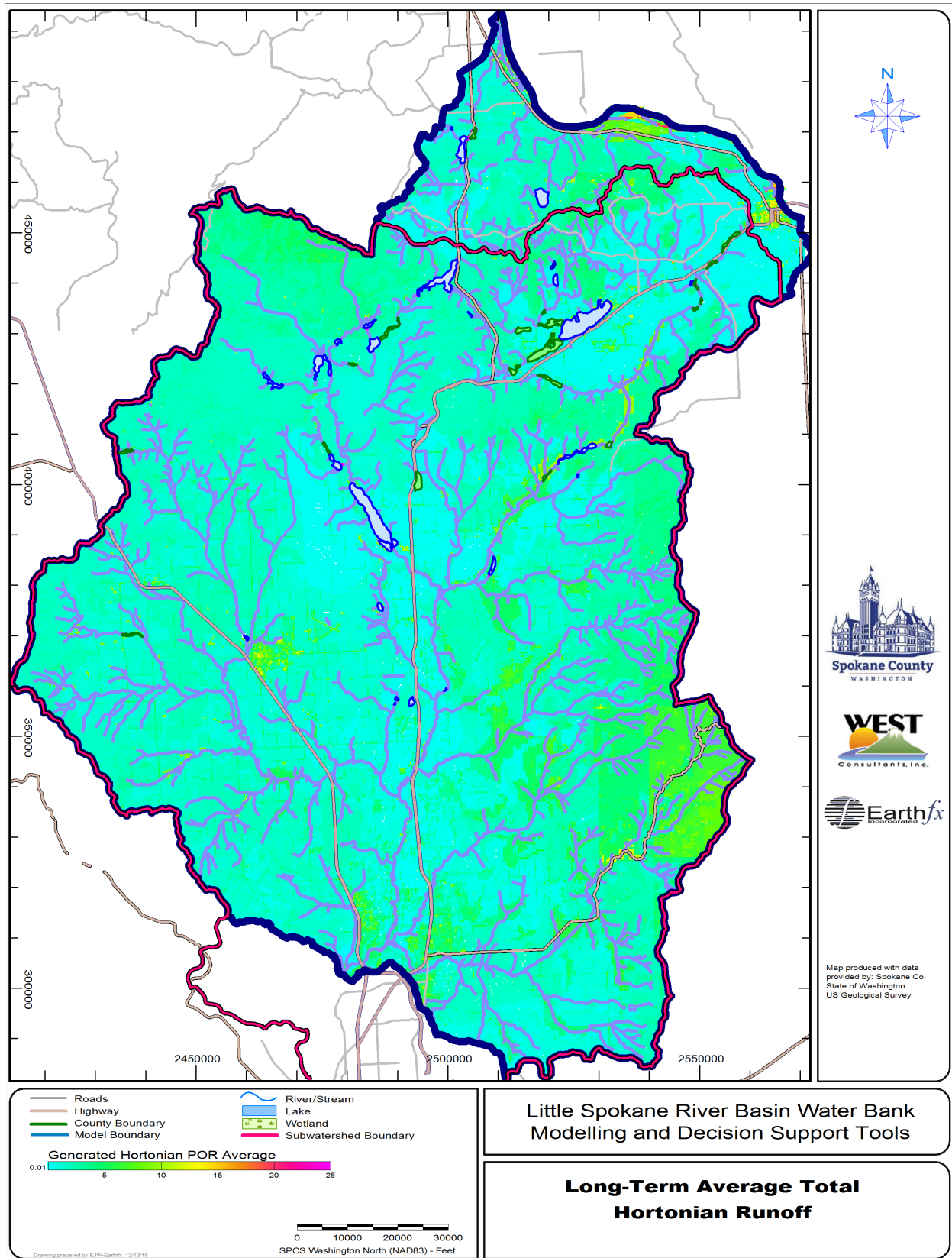


Figure 9.47: Average annual Hortonian runoff from impervious and pervious surfaces (in/yr).

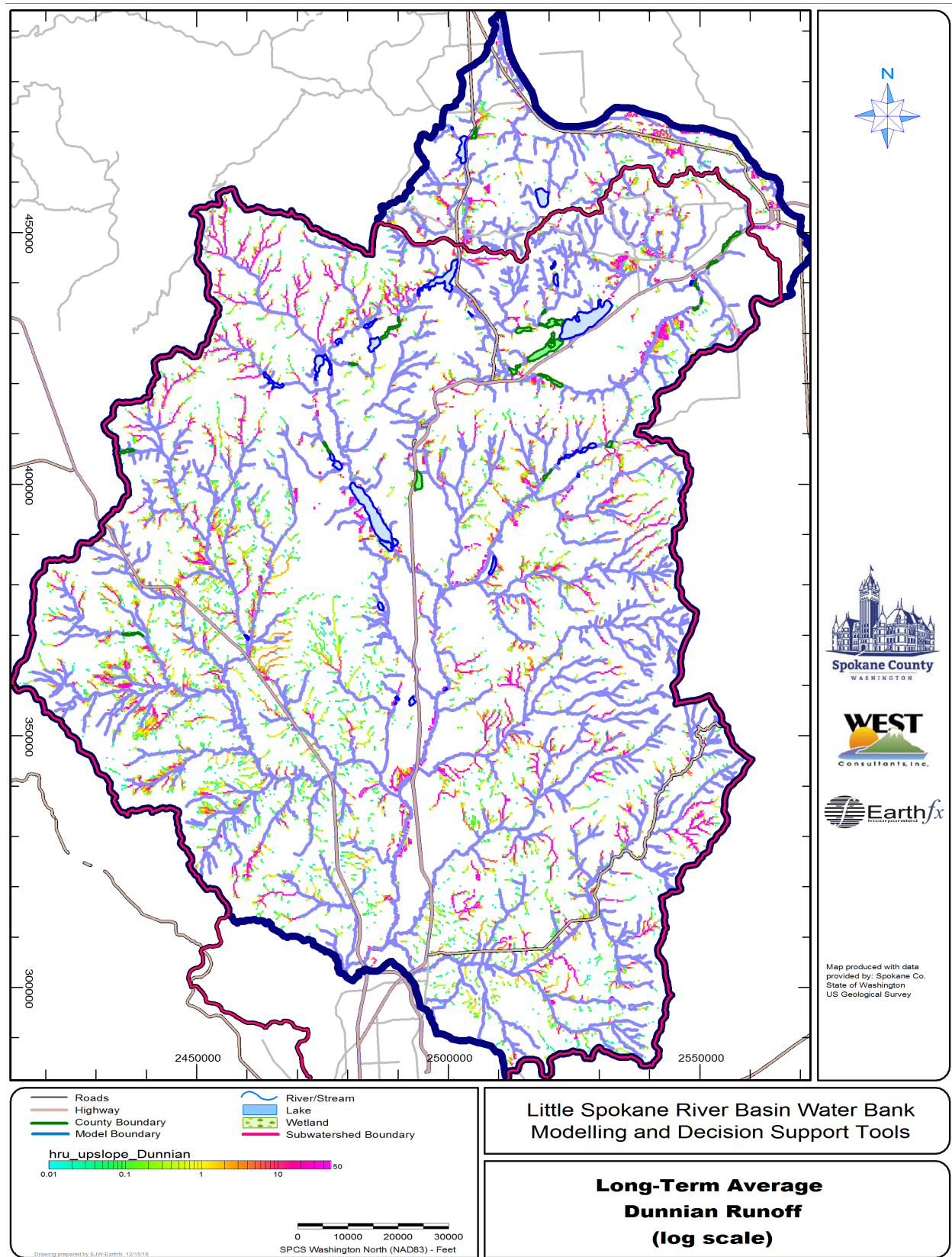


Figure 9.48: Average annual upslope Dunnian (saturation excess) runoff (in/yr).



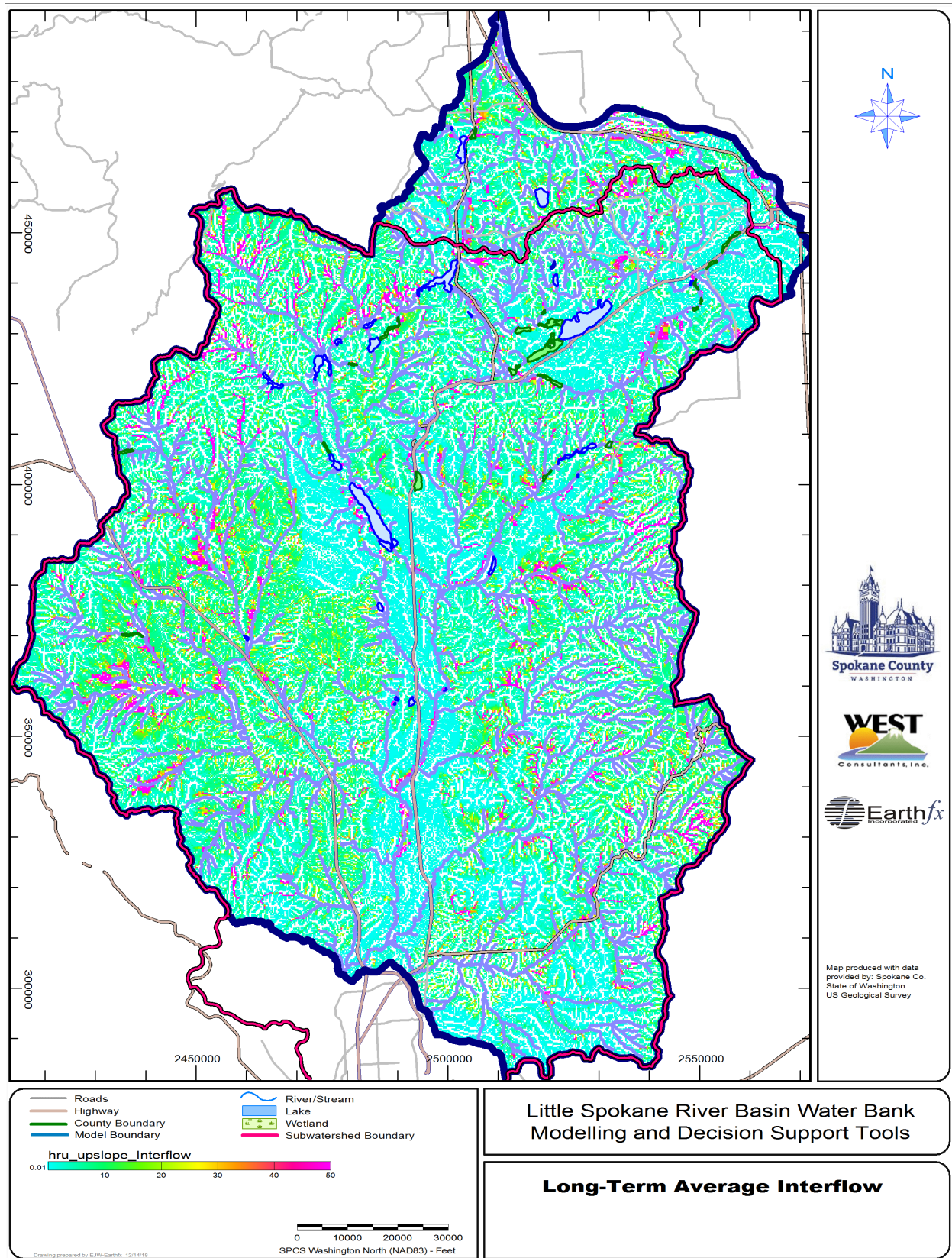


Figure 9.49: Average annual upslope interflow (in/yr).



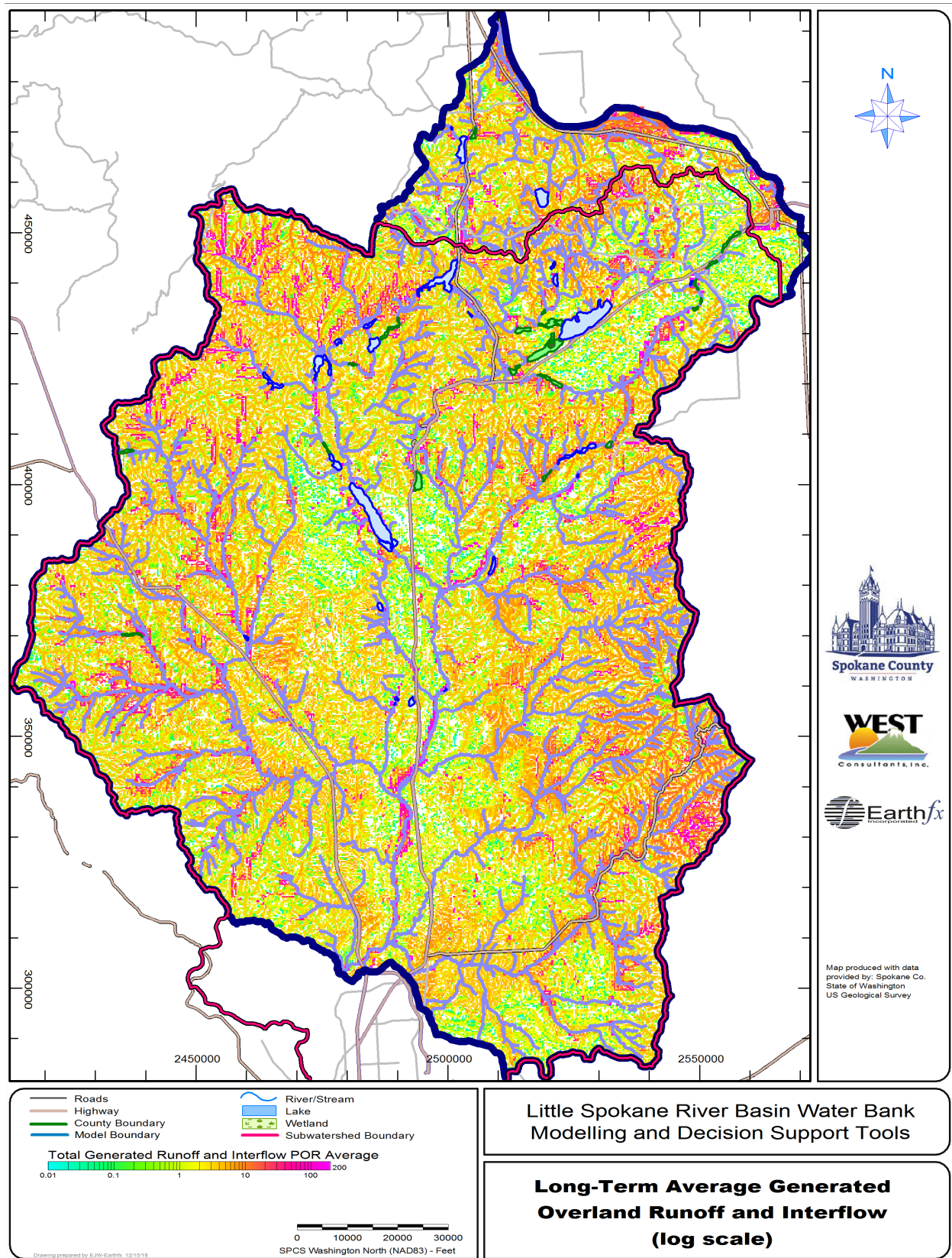


Figure 9.50: Average annual generated overland runoff and interflow (in/yr).

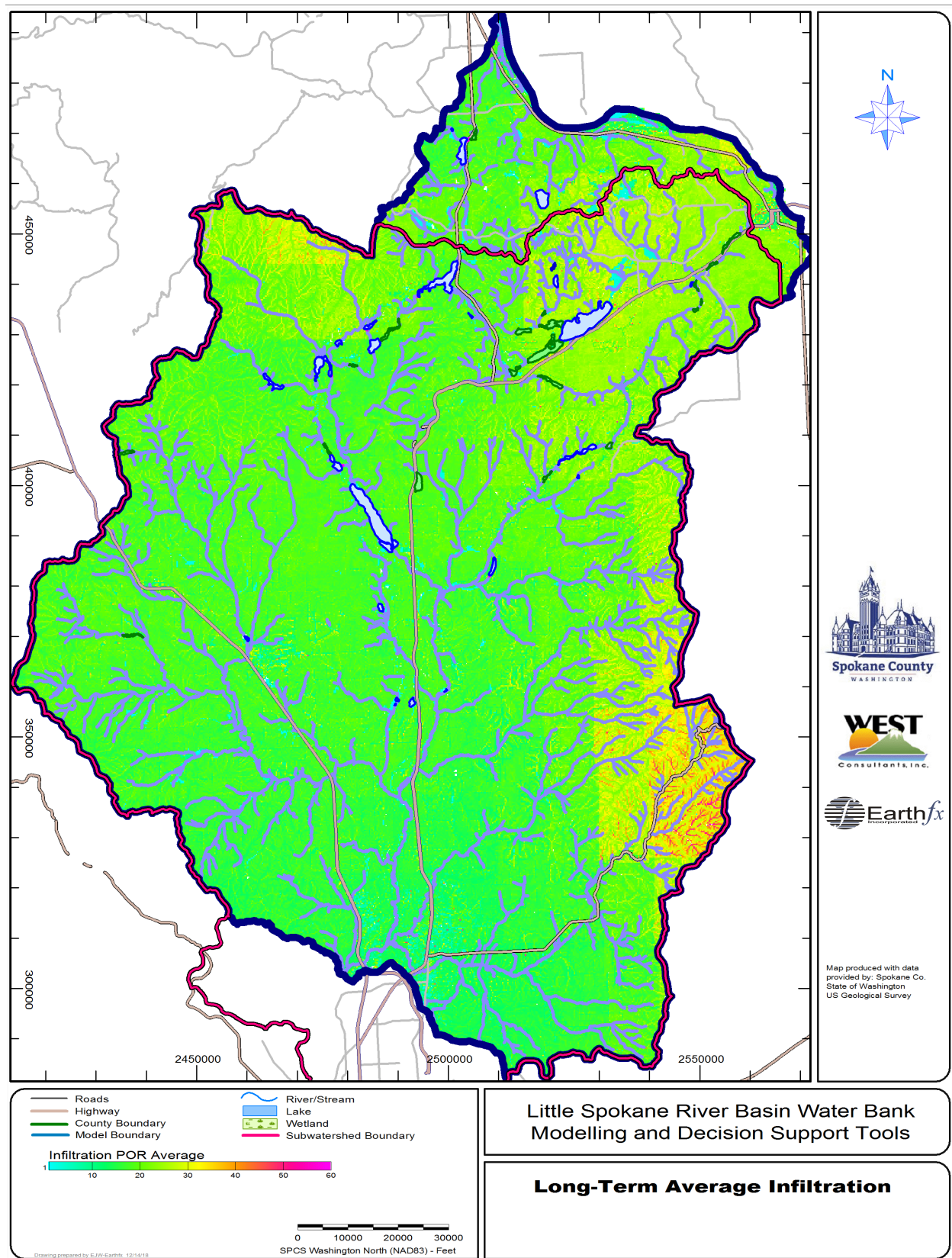


Figure 9.51: Average annual infiltration through the soil surface (in/yr).



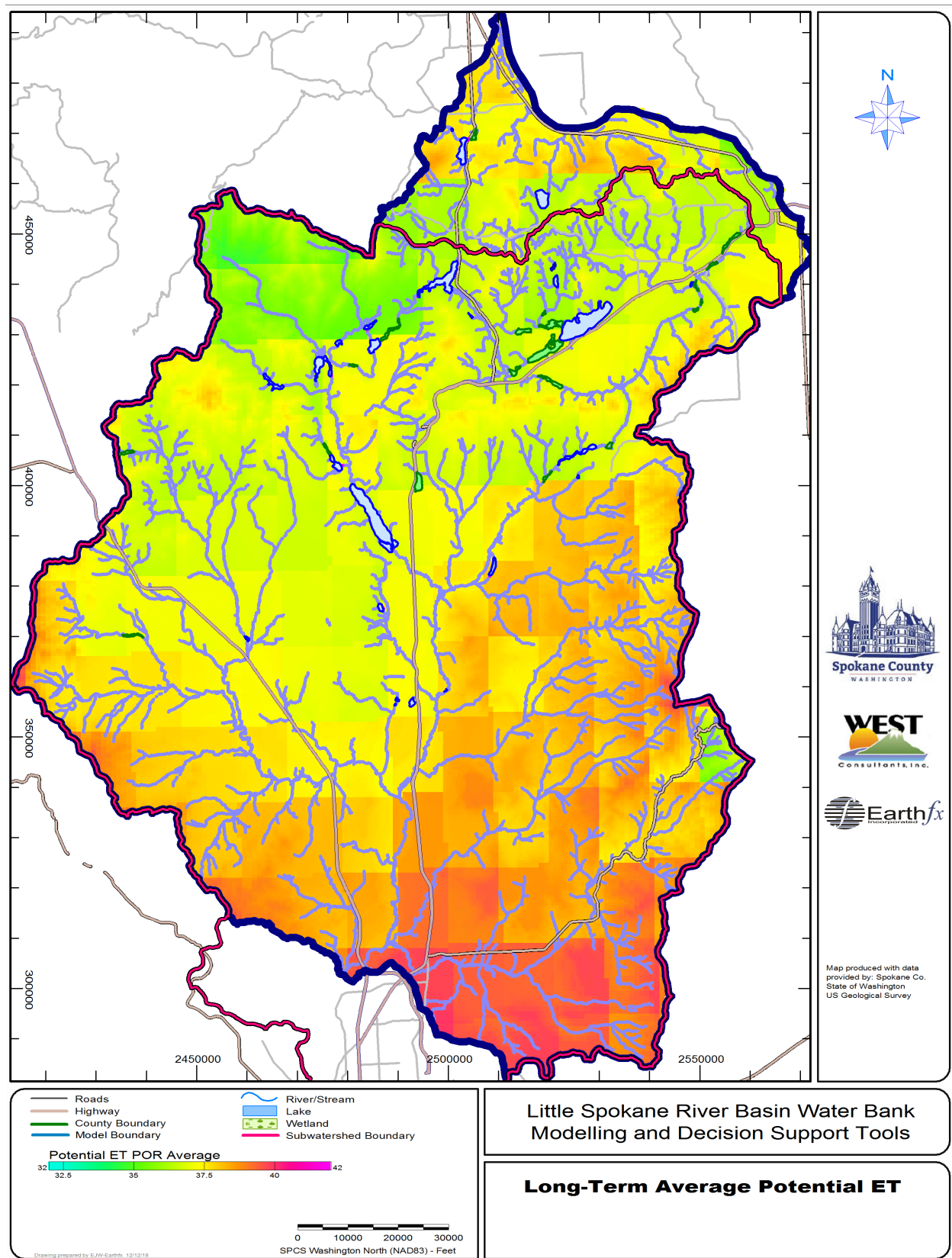


Figure 9.52: Average annual potential evapotranspiration (in/yr).



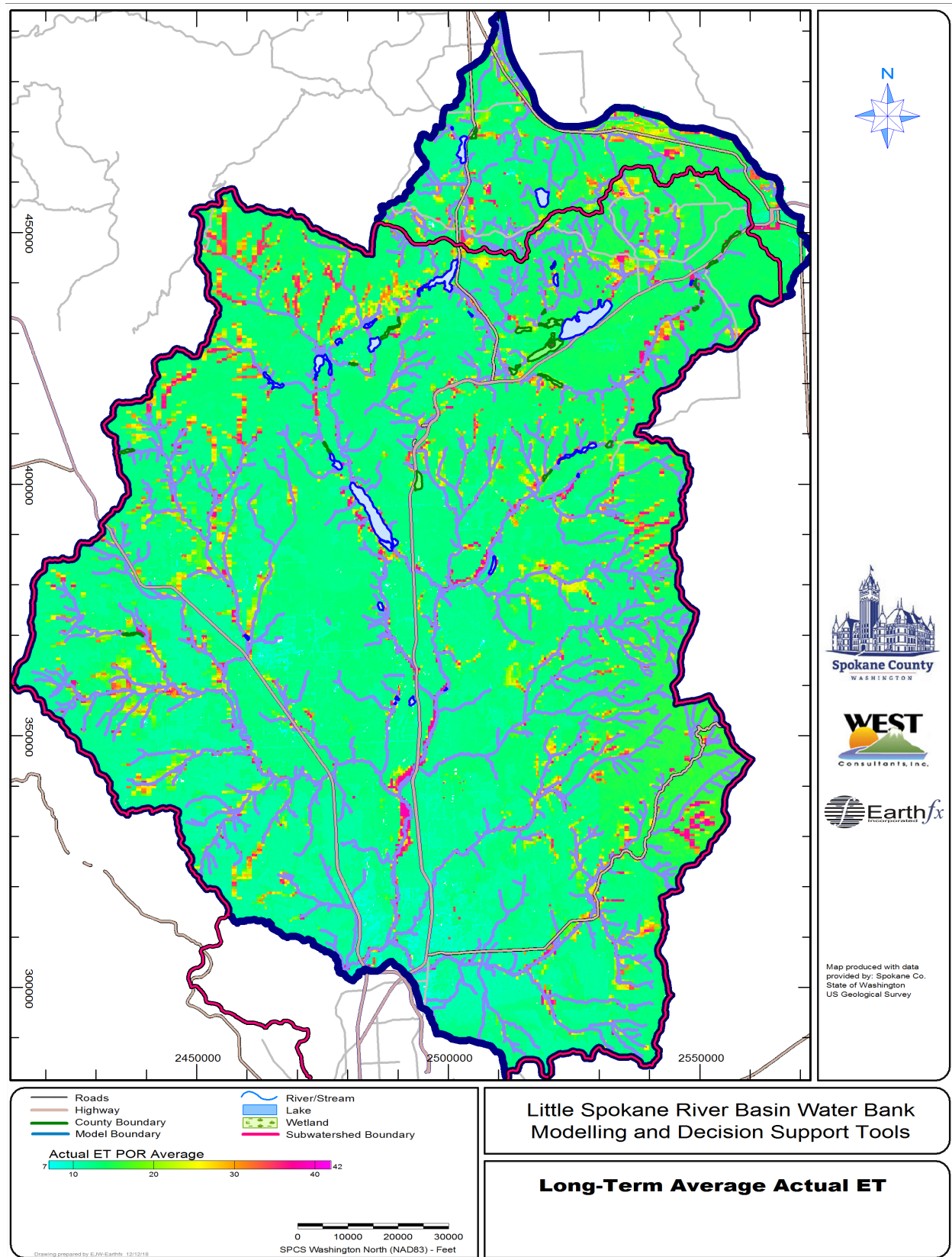


Figure 9.53: Average annual actual evapotranspiration (in/yr).

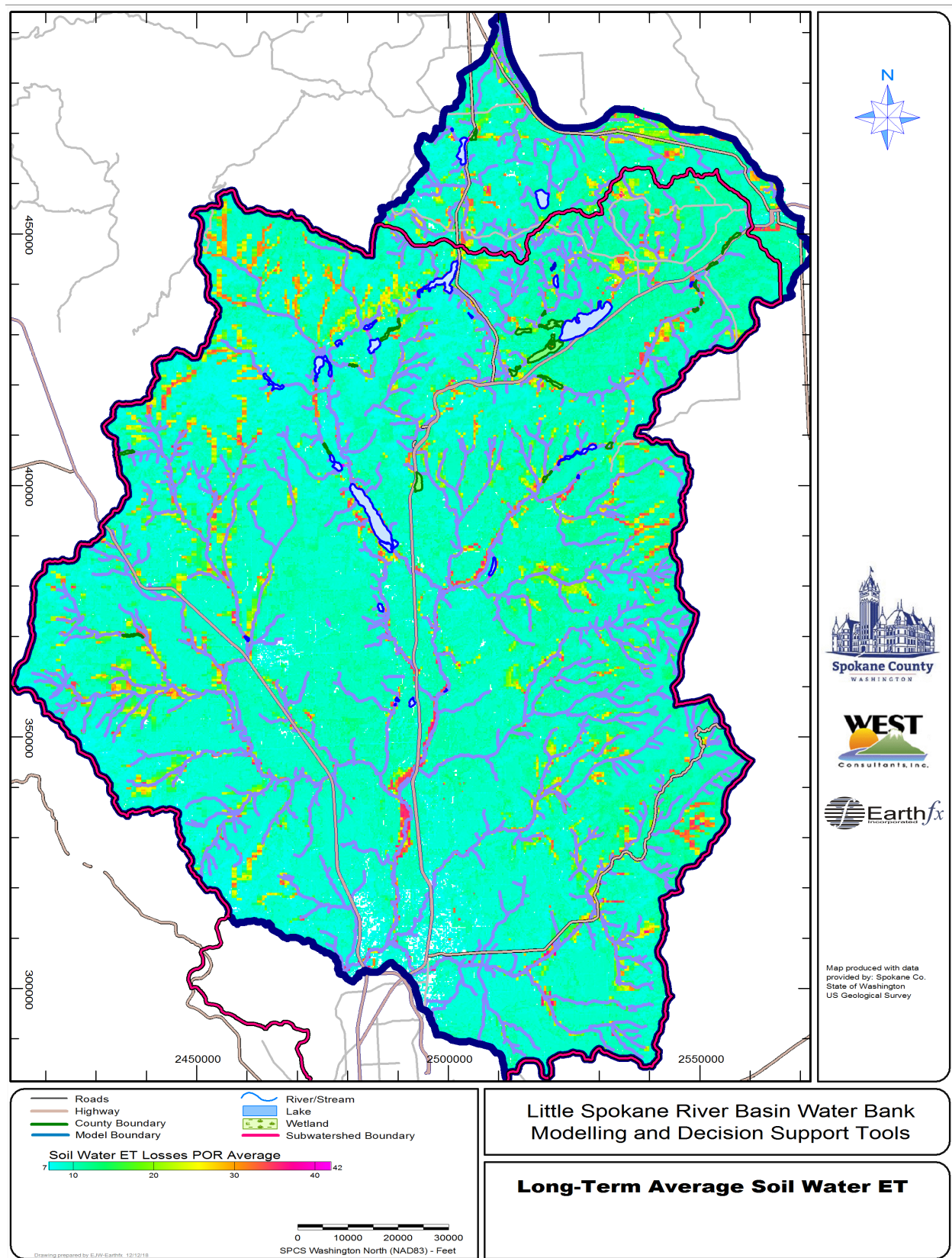


Figure 9.54: Average annual evapotranspiration from the soil zone (in/yr).



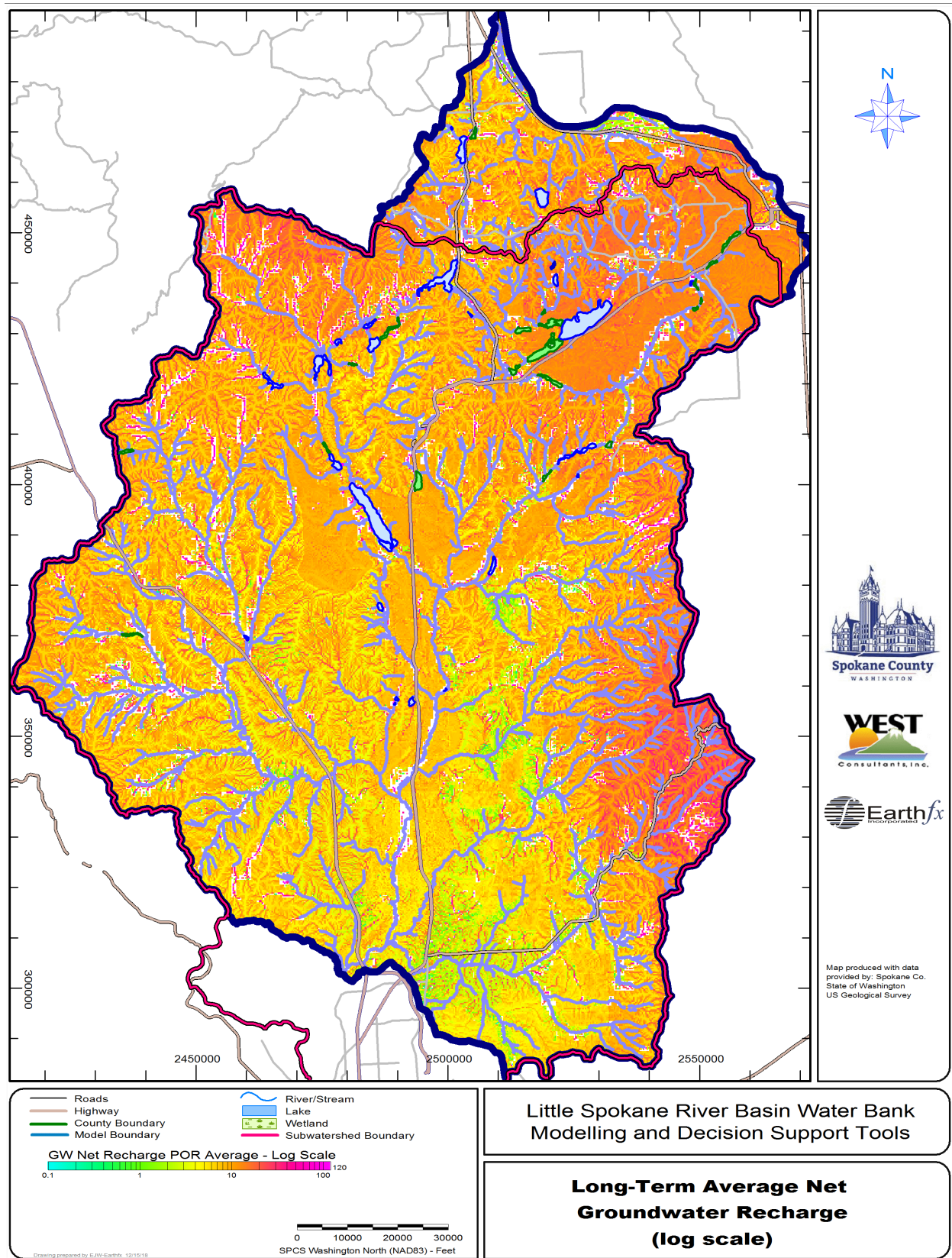


Figure 9.55: Average distribution of annual groundwater recharge (in/yr) from the hydrologic submodel (PRMS).



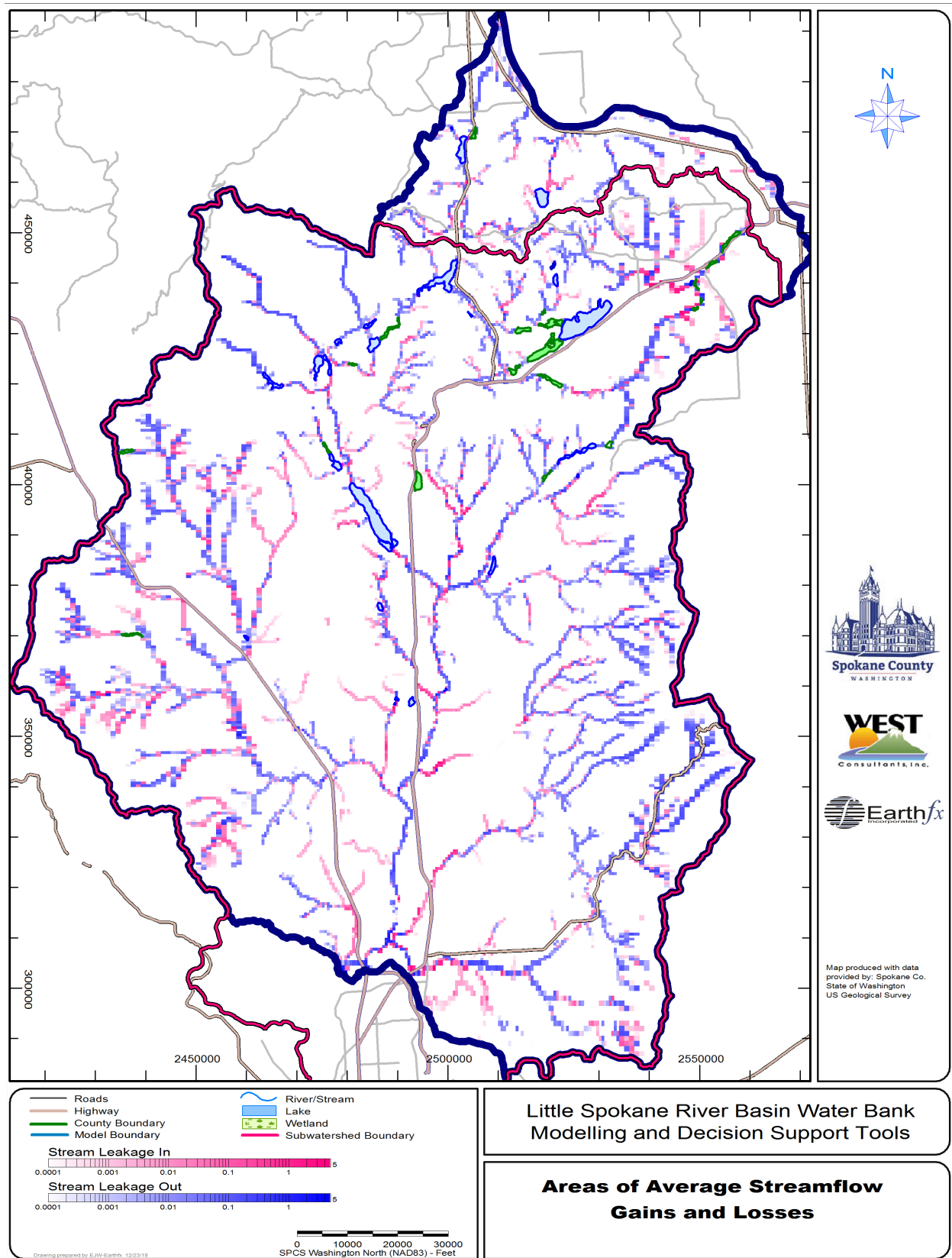


Figure 9.56: Areas where streamflow is lost to the aquifer (red) and where the aquifer discharge to streams (blue) based on the long-term simulation (values in cfs).

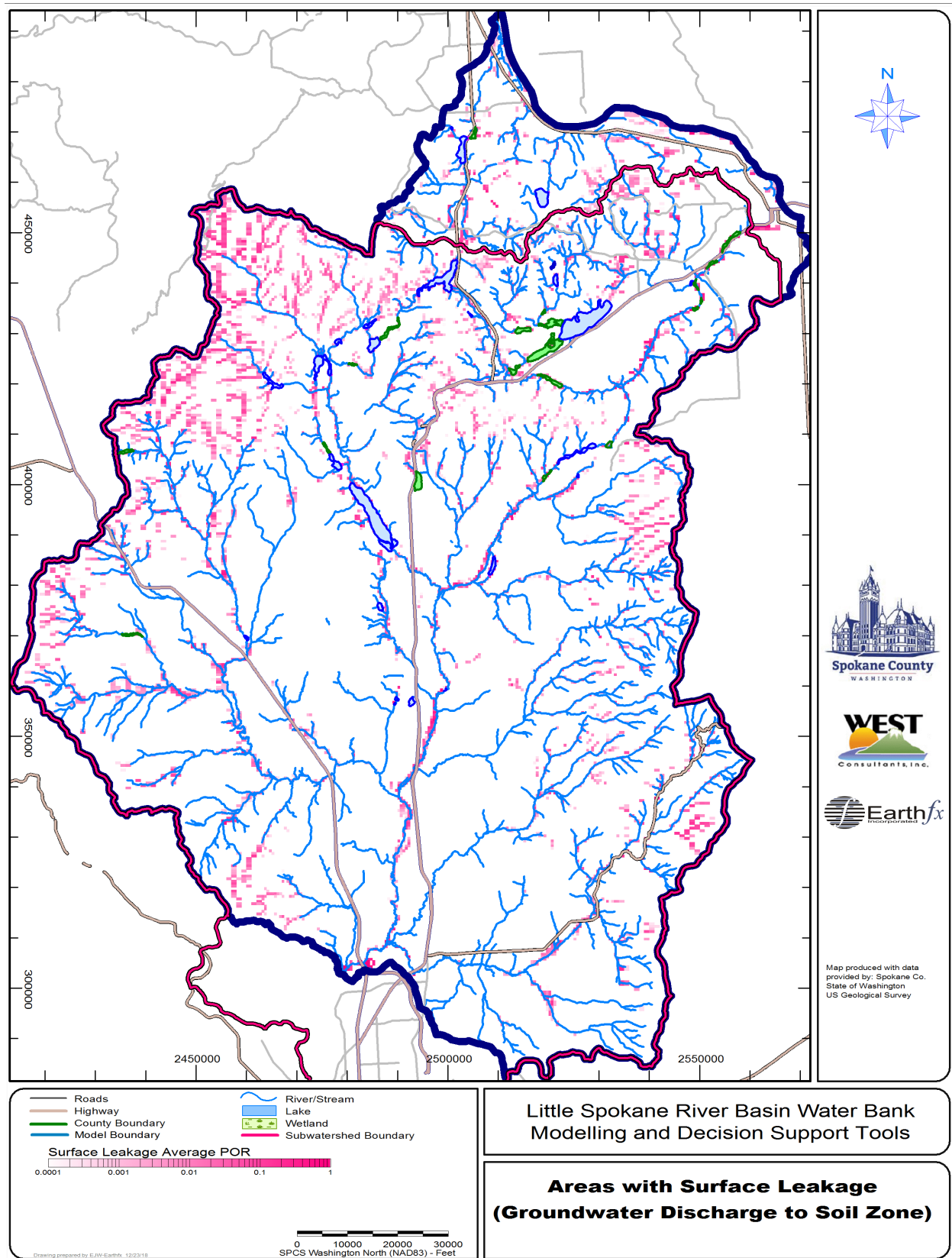


Figure 9.57: Areas with surface leakage (groundwater discharge to stream, values in cfs).

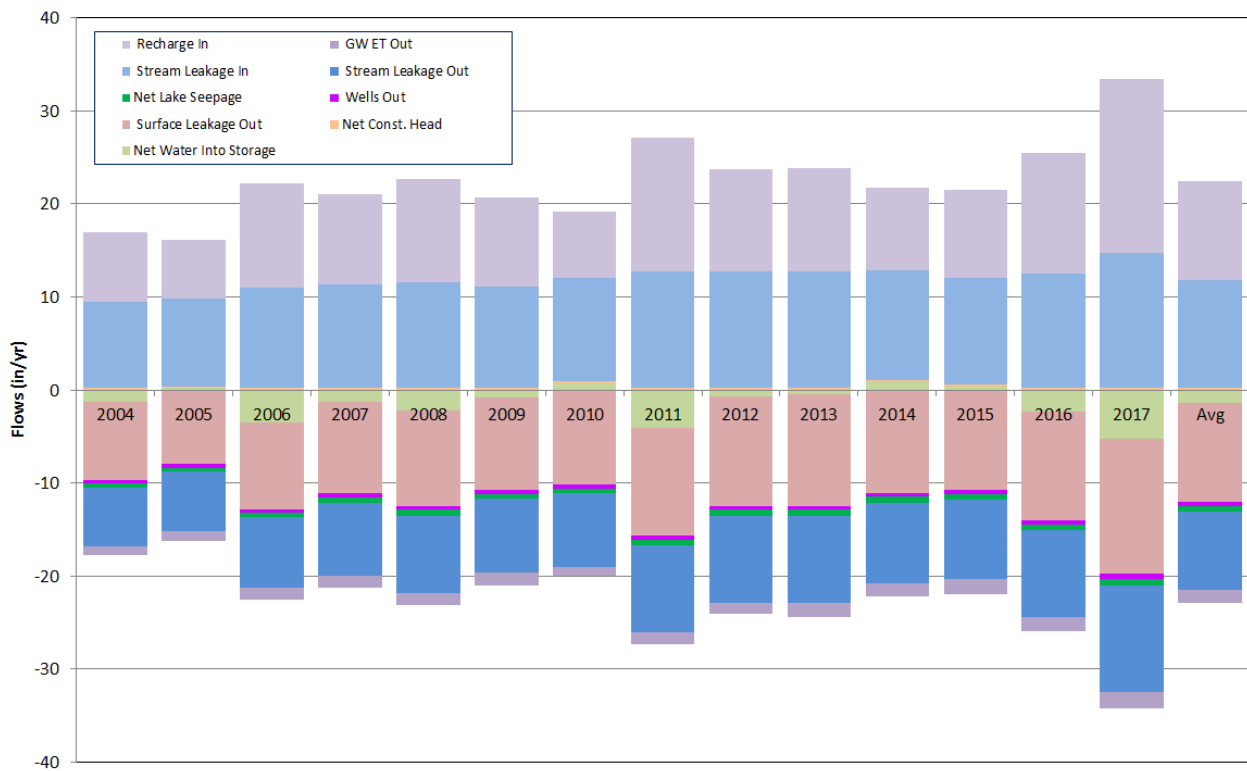


Figure 9.58: Annual groundwater budget for the LSR watershed (WY2003 was not used in the analysis).

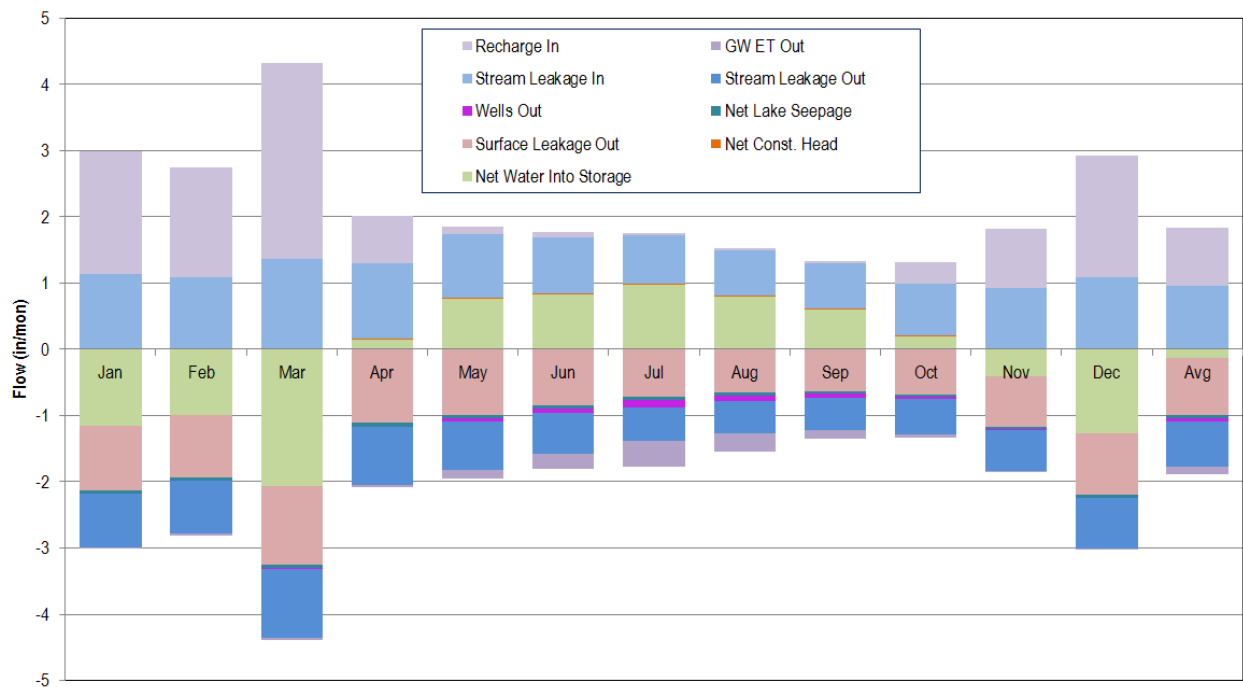


Figure 9.59: Average monthly groundwater budget for the LSR watershed under baseline climate.



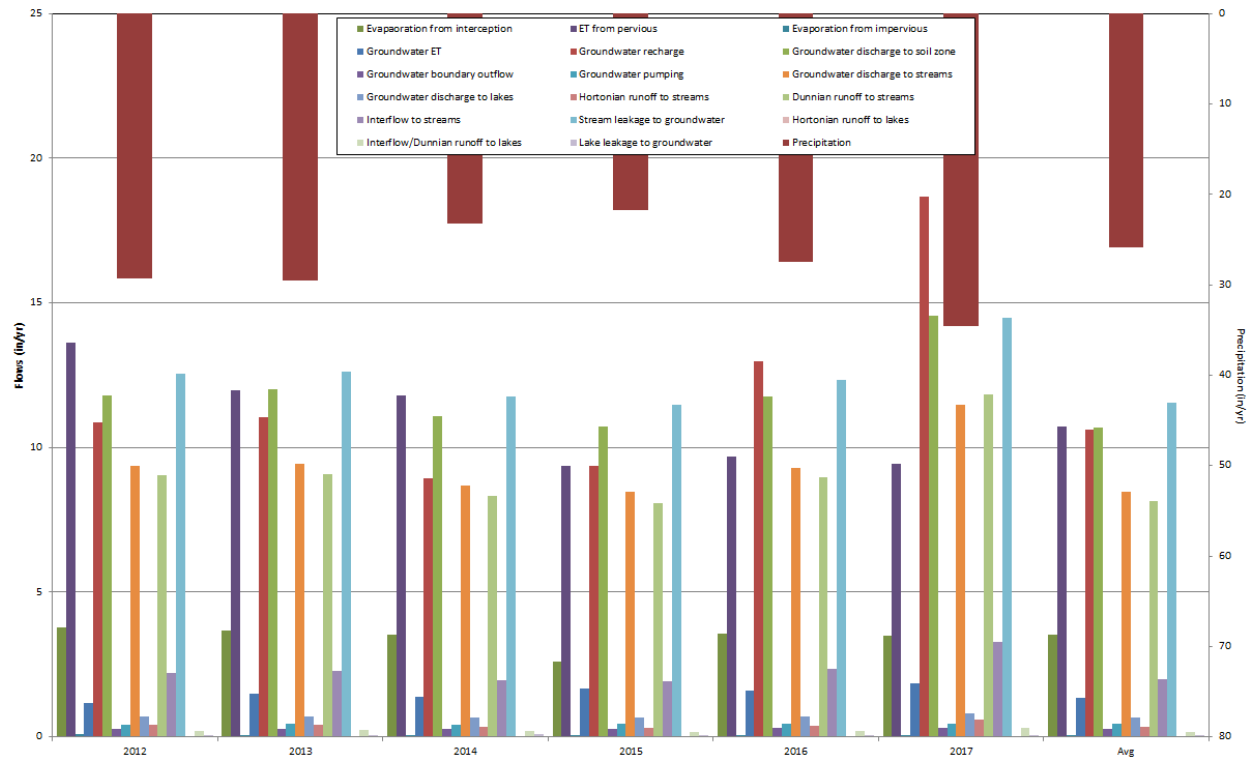


Figure 9.60: Annual average water budget from the GSFLOW basin-wide daily flow balance.

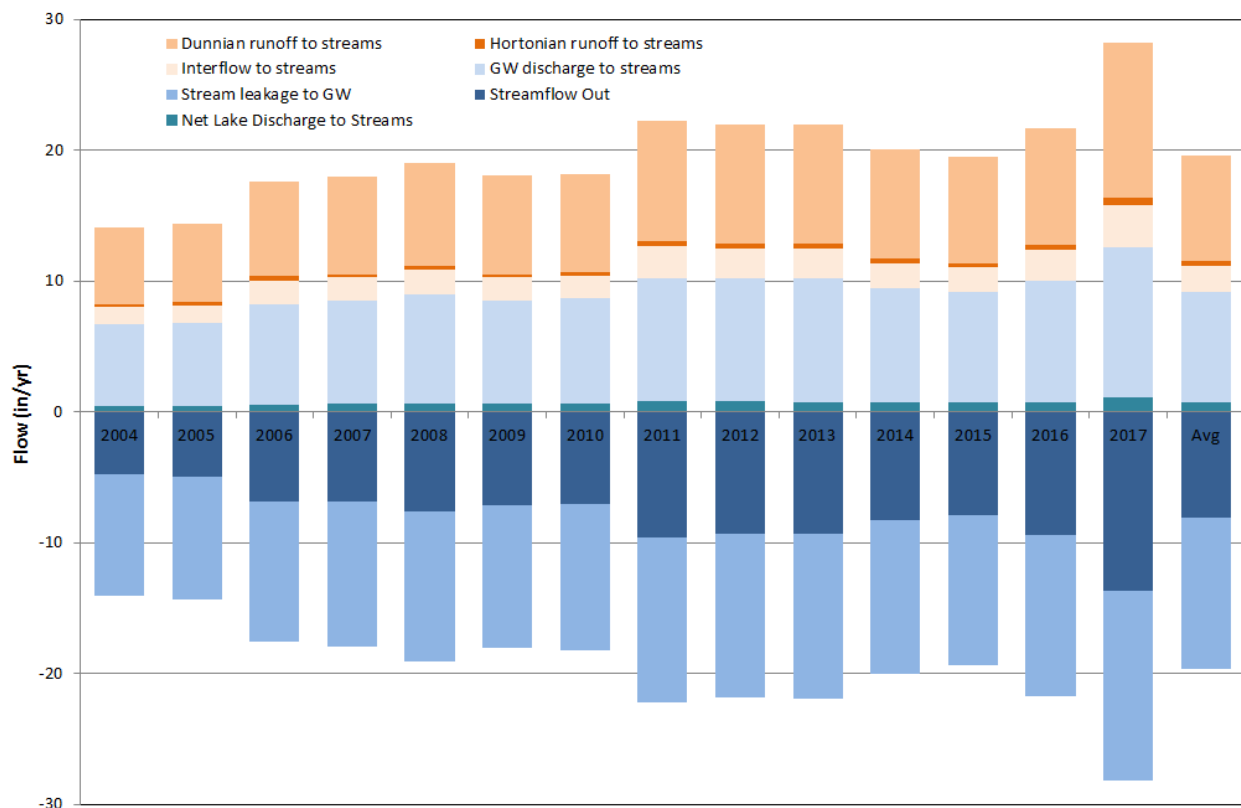


Figure 9.61: Annual average water budget for study area streams from the GSFLOW basin-wide daily flow balance.

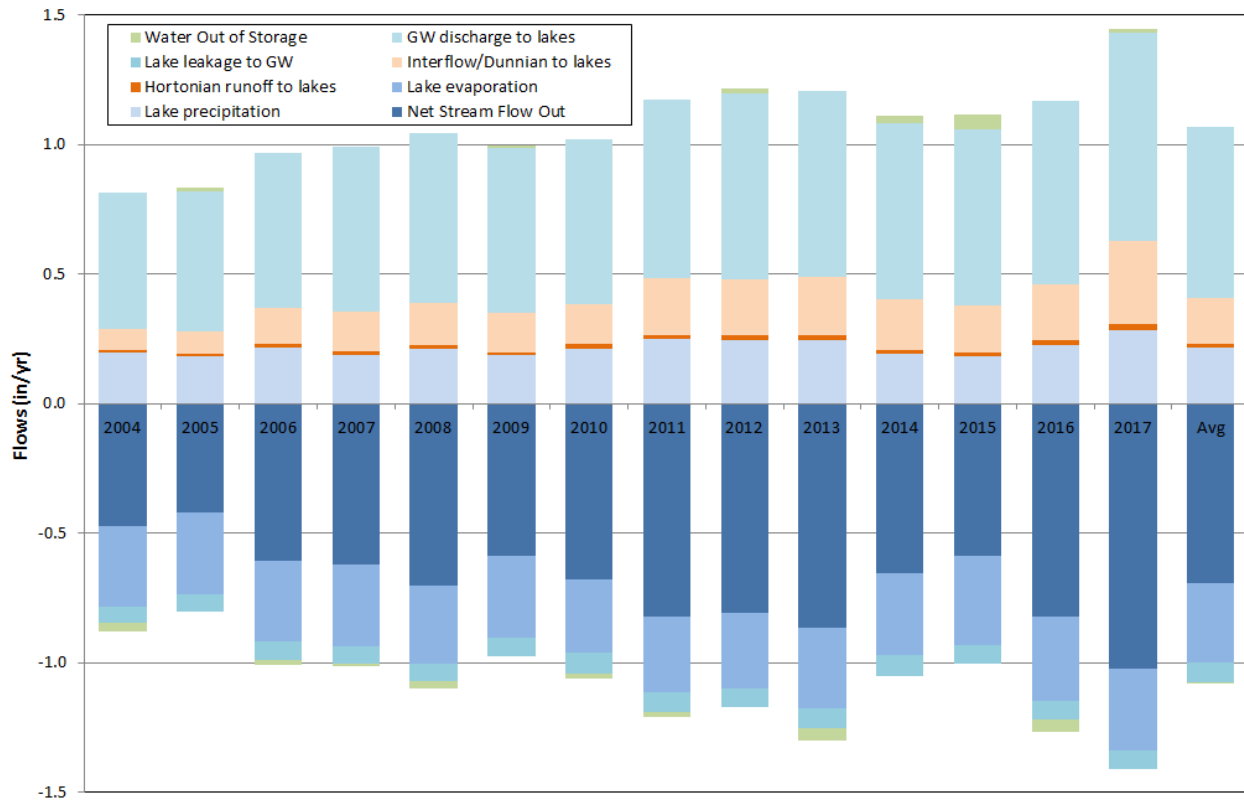


Figure 9.62: Annual average water budget for study area lakes from the GSFLOW basin-wide daily flow balance.