

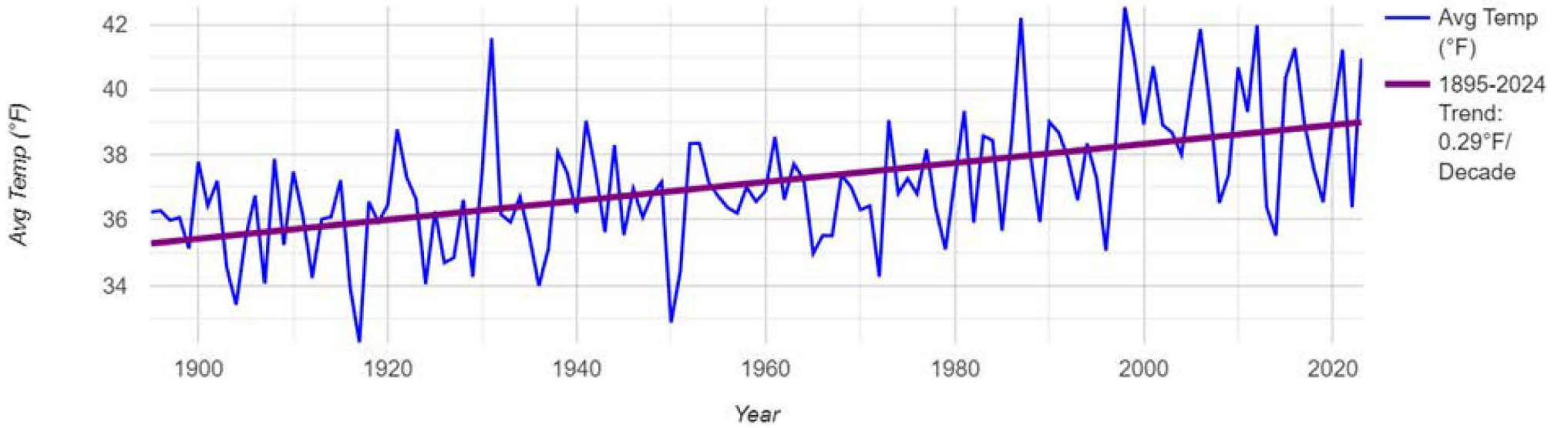
U.S. Steel Keetac Tailings Storage Facility Project EAW

Figures 7.1 through 7.10

U.S. Steel Keetac Tailings Storage Facility Project EAW

Figure 7.1

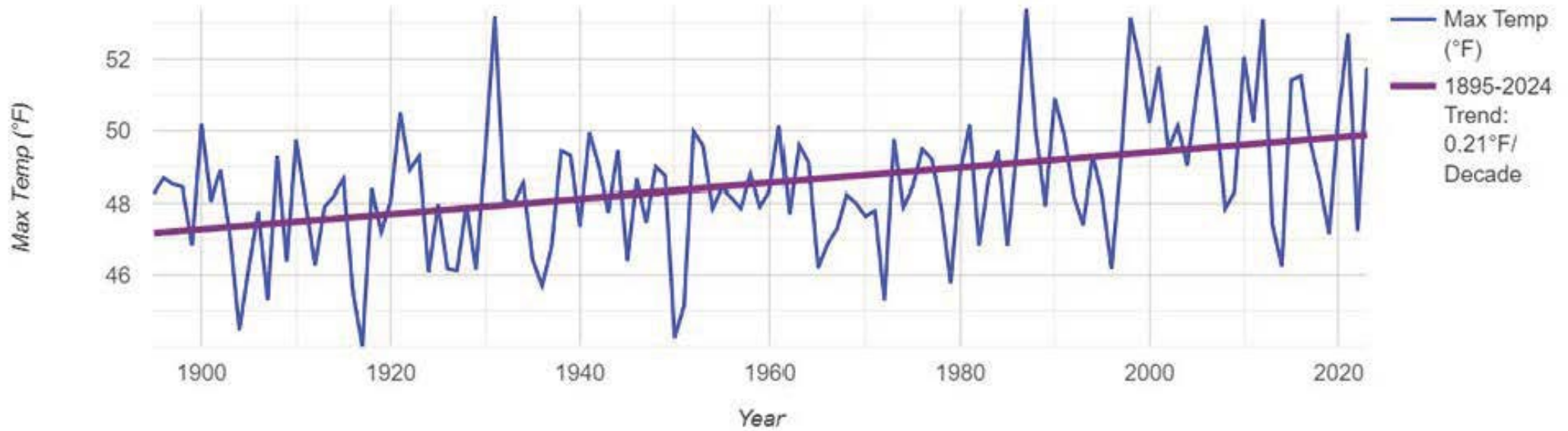
Average Temperature For Selected Counties, January-December



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Figure 7.2

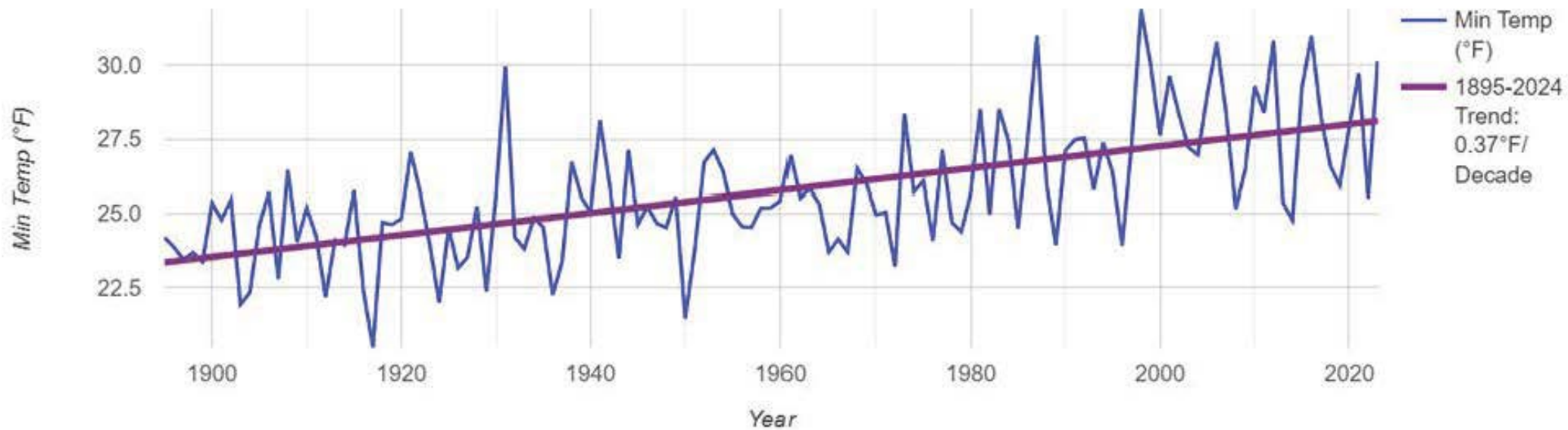
Maximum Temperature For Selected Counties, January-December



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Figure 7.3

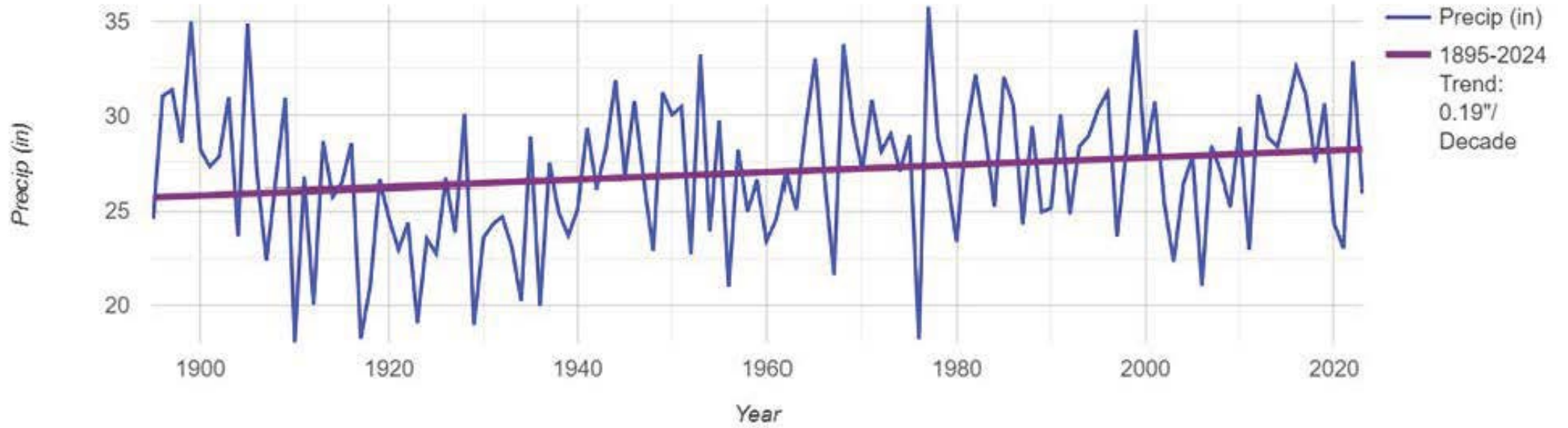
Minimum Temperature For Selected Counties, January-December



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Figure 7.4

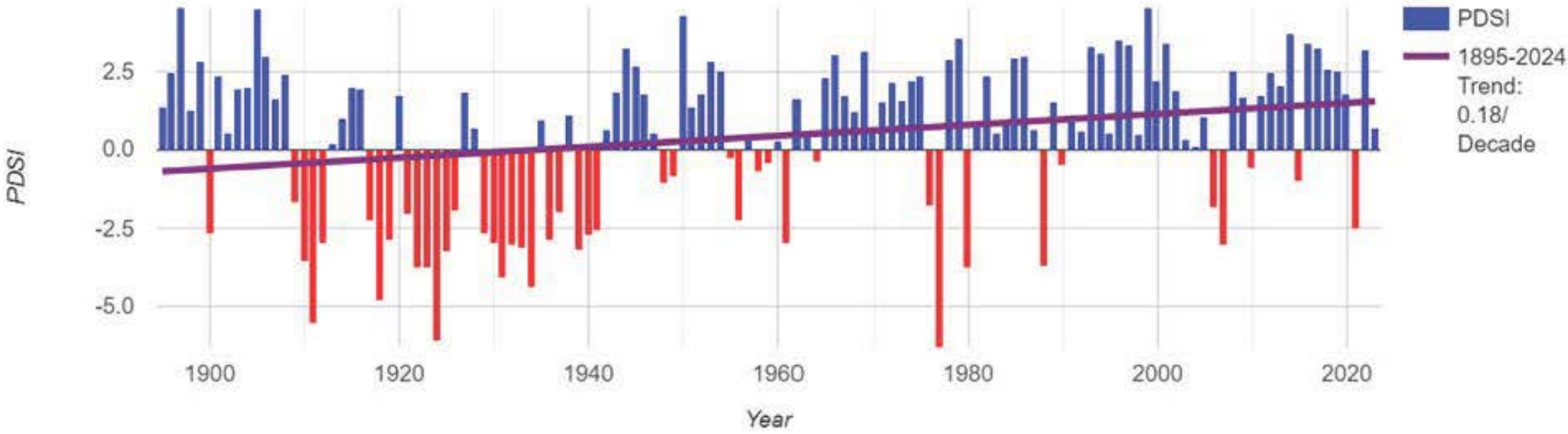
Precipitation For Selected Counties, January-December



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Figure 7.5

Palmer Drought Severity Index (PDSI) For Selected Counties, July



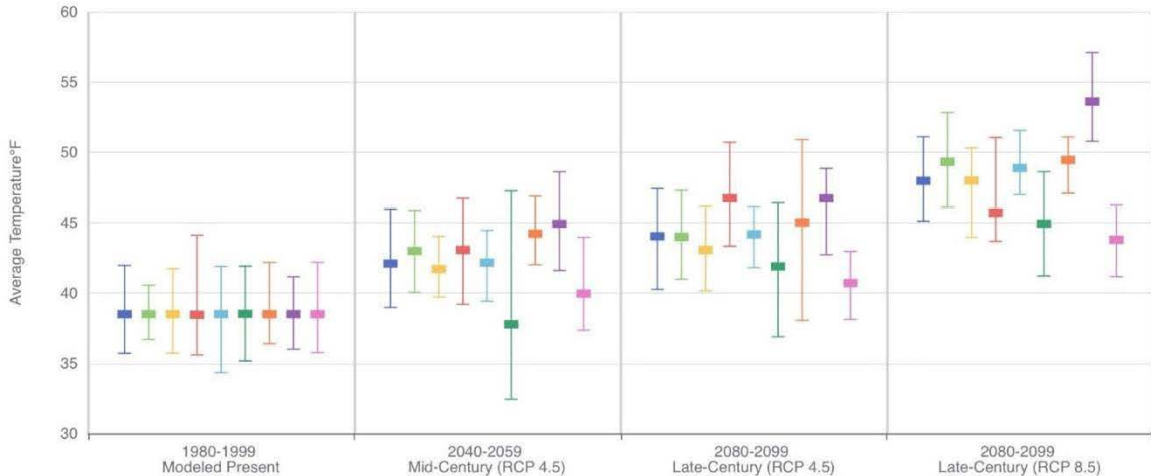
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Figure 7.6

Recent and Projected Future Average Temperature For Selected Counties; January-December

Generated by Minnesota Department of Natural Resources using data from University of Minnesota climate modeling. These values may differ from those published in national and global climate as

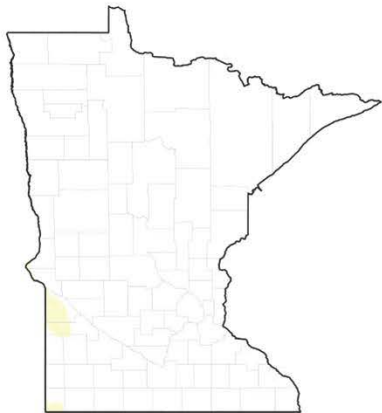
Model Mean BCC-CSM1-1 CCSM4 CMCC-CM CNRM-CM5 GFDL-ESM2M IPSL-CM5A-LR MIROC5 MRI-CGCM3



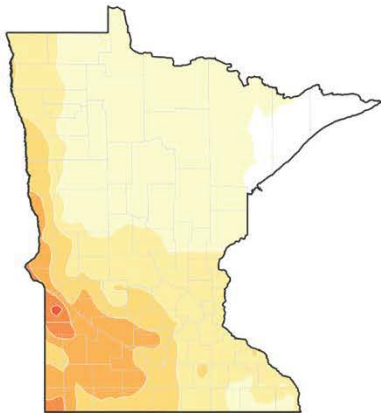
U.S. Steel Keetac Tailings Storage Facility Project EAW

Figure 7.7

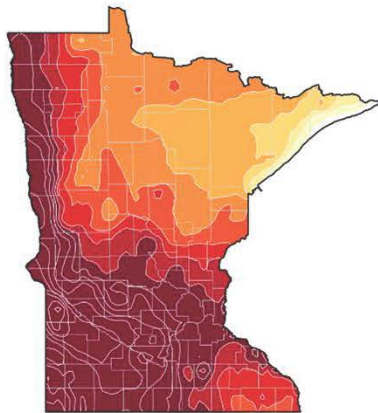
Average number of days per year when the daily high exceeds 100°F



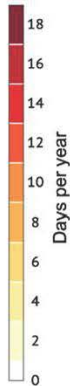
Historical
(1981-2010)



Moderate emissions (RCP4.5)
(2081-2100)



High emissions (RCP8.5)
(2081-2100)



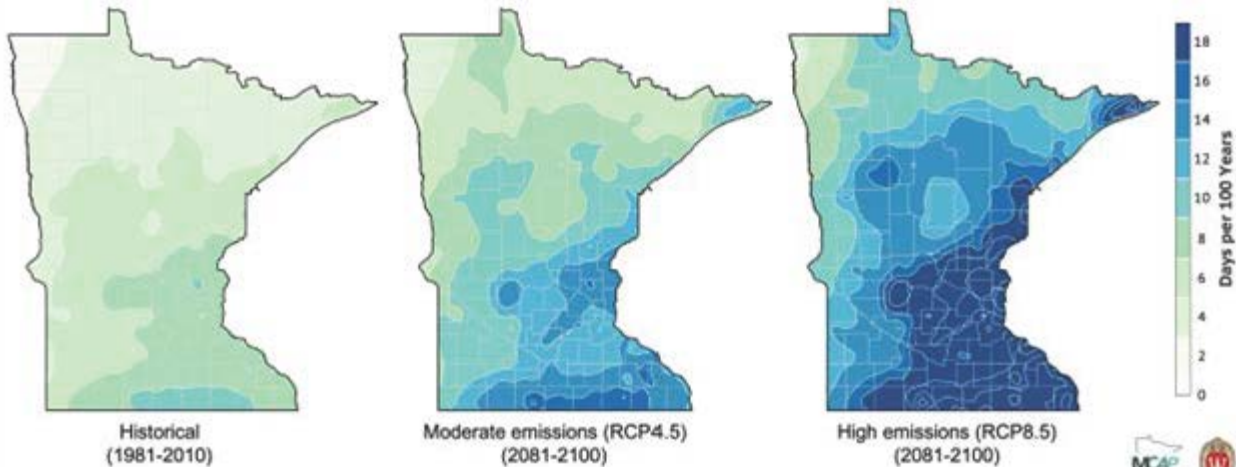
U.S. Steel Keetac Tailings Storage Facility Project EAW

Figure 7.8

U.S. Steel Keetac Tailings Storage Facility Project EAW

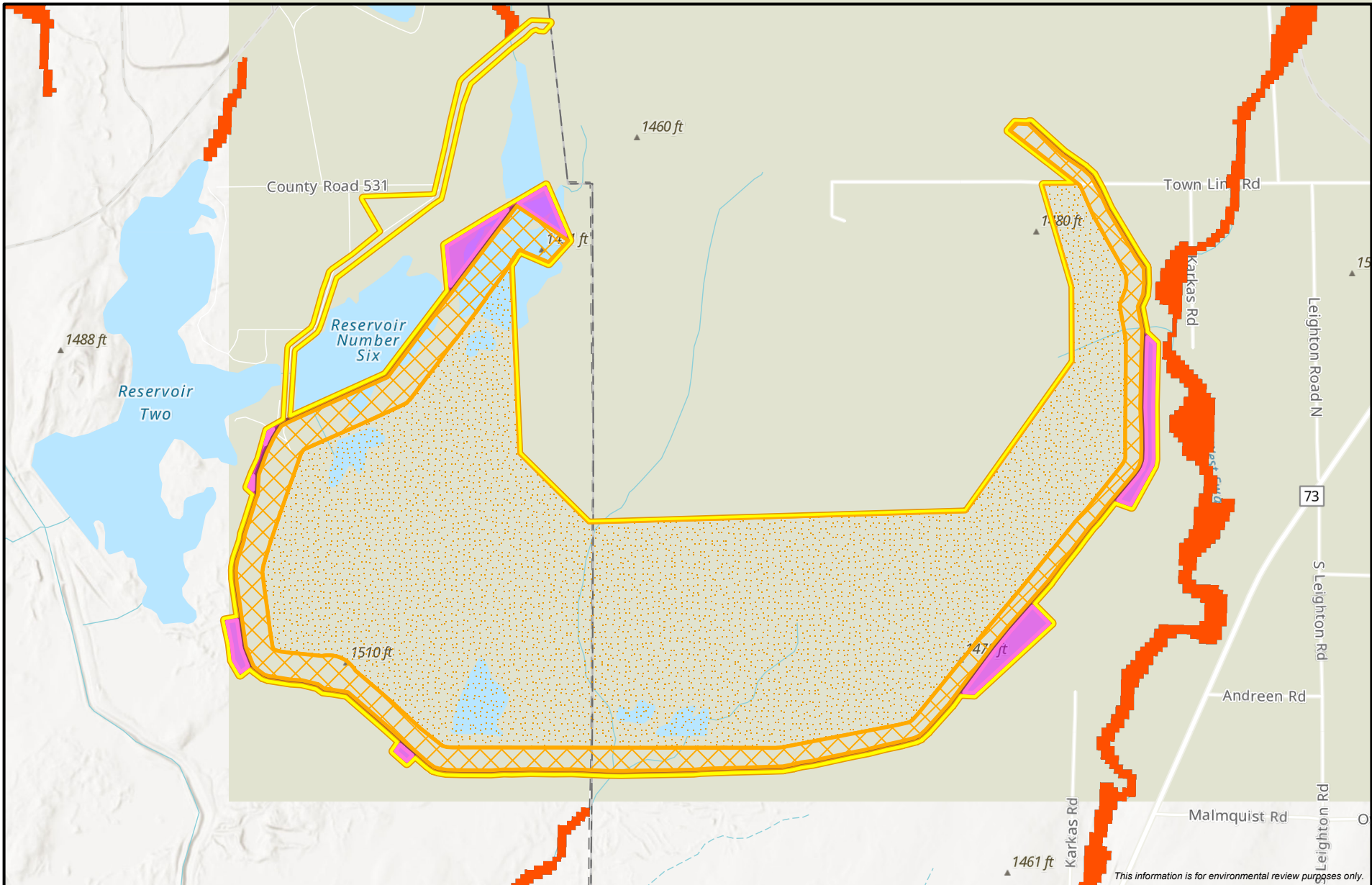
Figure 7.9

Average number of days per 100 years when daily rainfall exceeds 4 inches



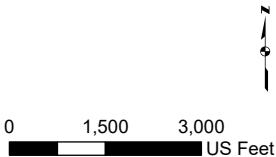
U.S. Steel Keetac Tailings Storage Facility Project EAW

Figure 7.10



This information is for environmental review purposes only.

- Flooding Frequency - Frequent
- Permanent Impacts Area
- Temporary Construction Zone
- Tailings Deposition Area - On Top of Previous Tailings
- Permanent Maintenance Road
- Project Area
- County Boundary



SSURGO - Flooding Frequency
Keetac TSF Project
 United States Steel
 St. Louis and Itasca Counties, MN

