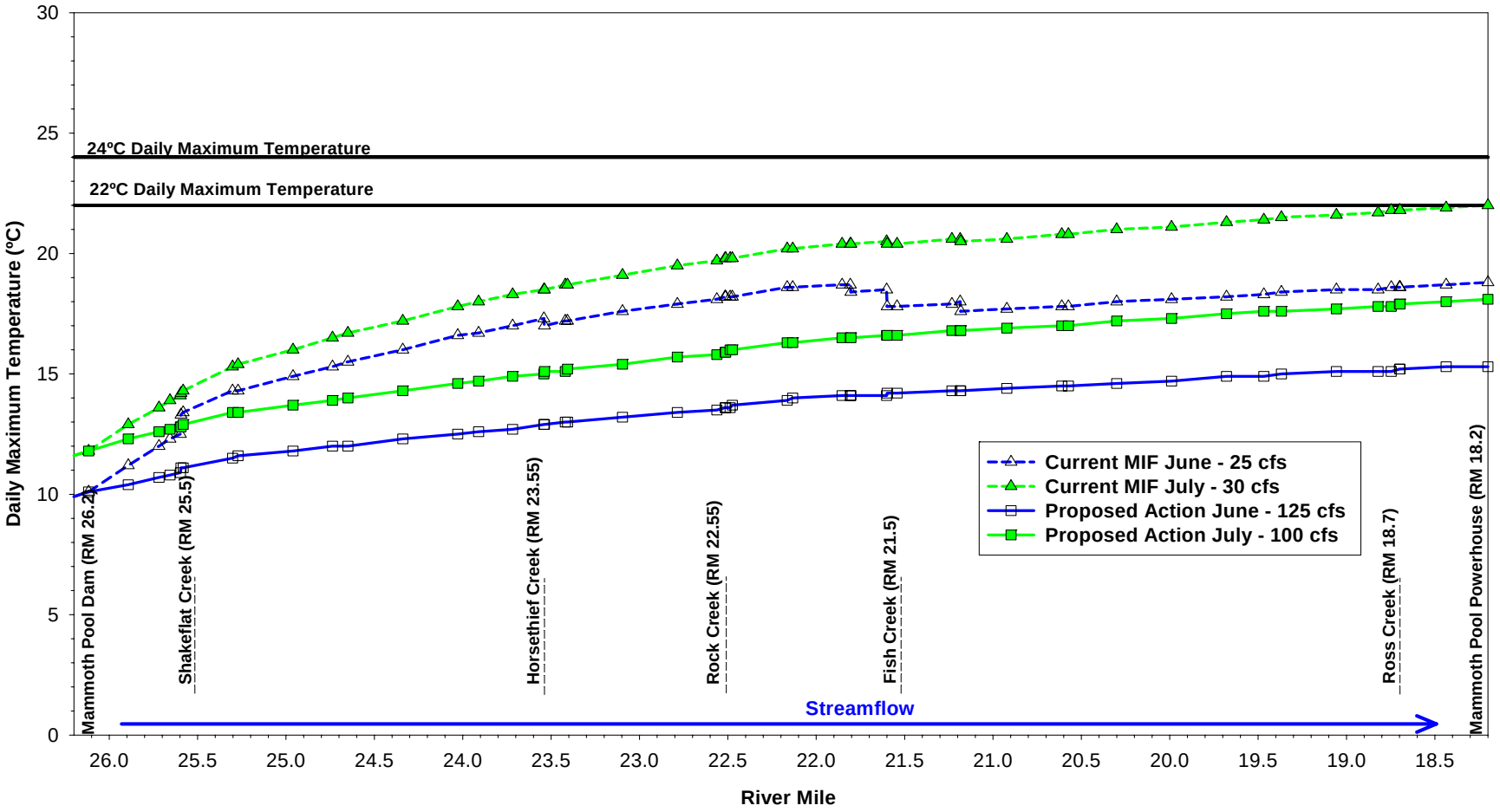
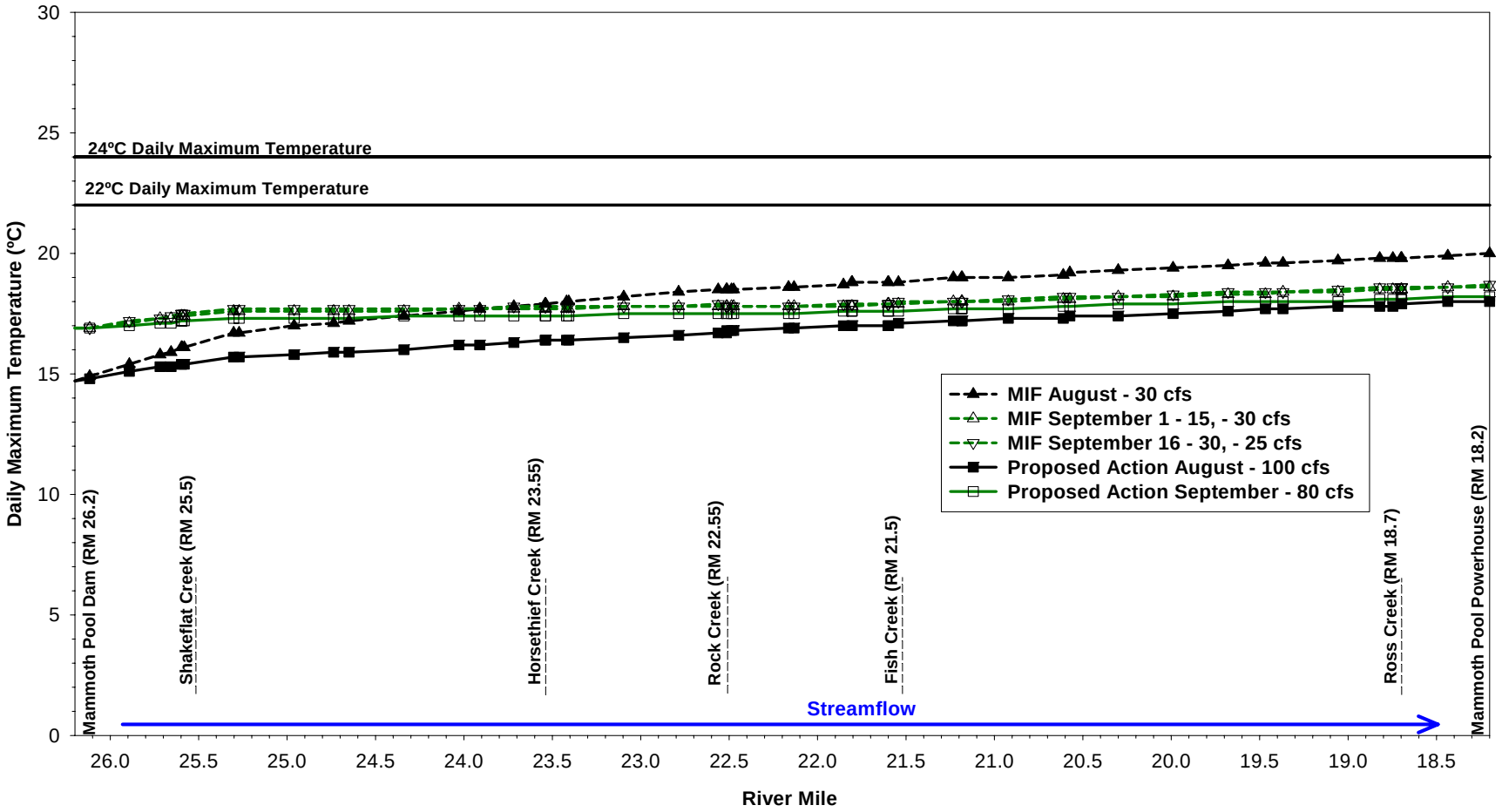
ATTACHMENT F

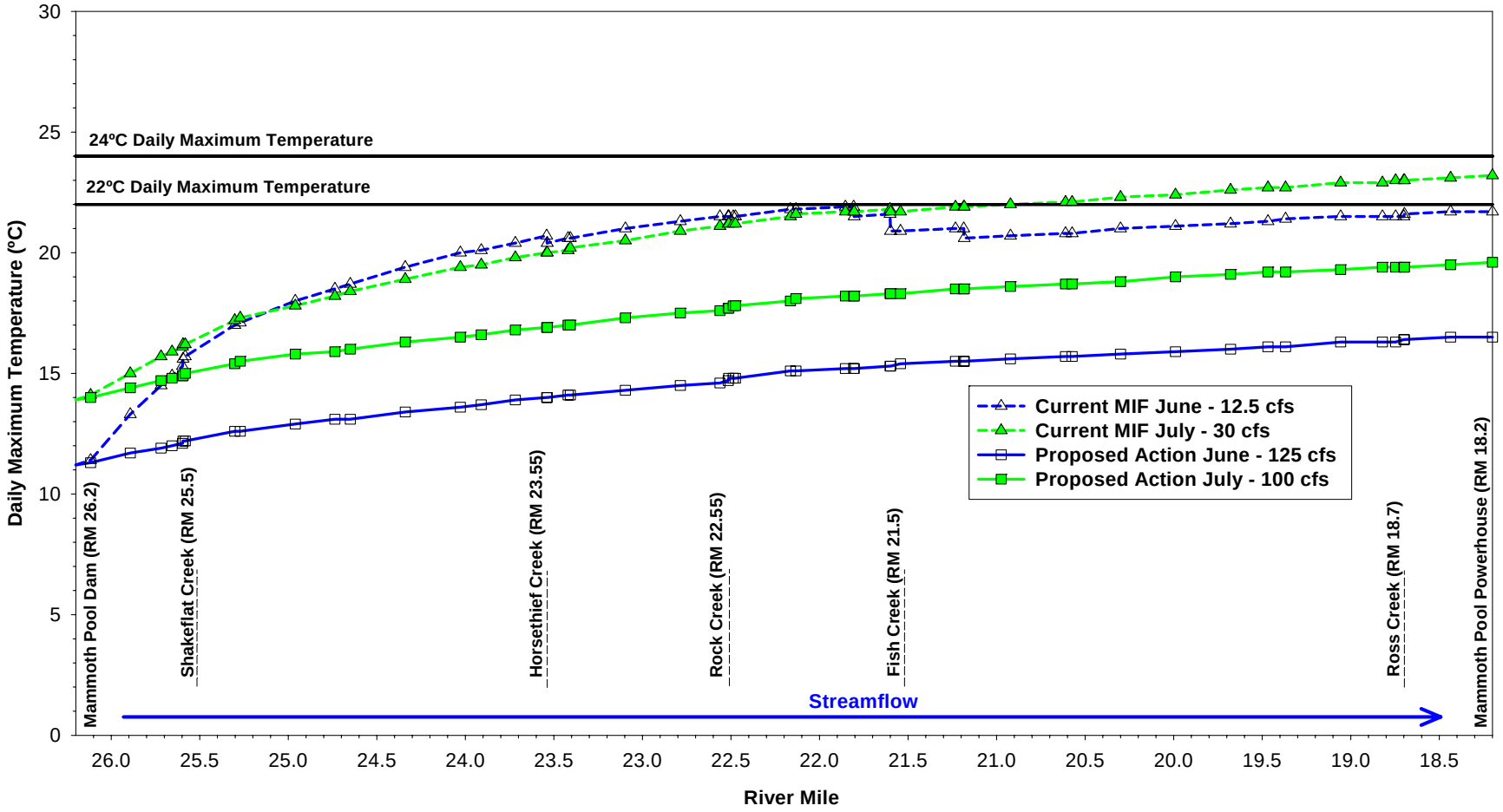
TEMPERATURE FIGURES



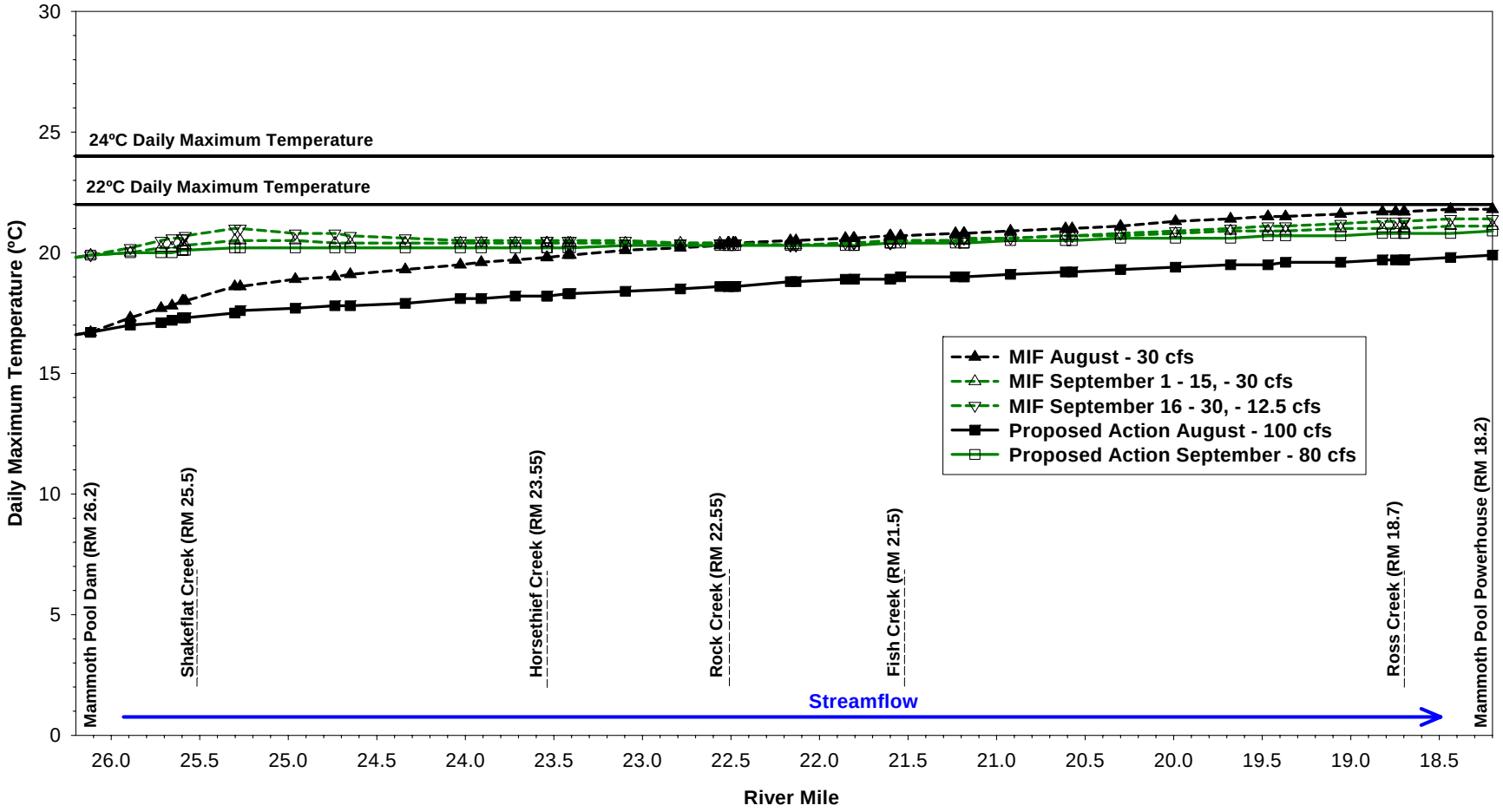
Attachment F-1. San Joaquin River Mammoth Reach (Mammoth Pool Dam to Mammoth Pool Powerhouse/Dam 6) Simulated Daily Maximum Water Temperatures for Proposed Action and Current Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.



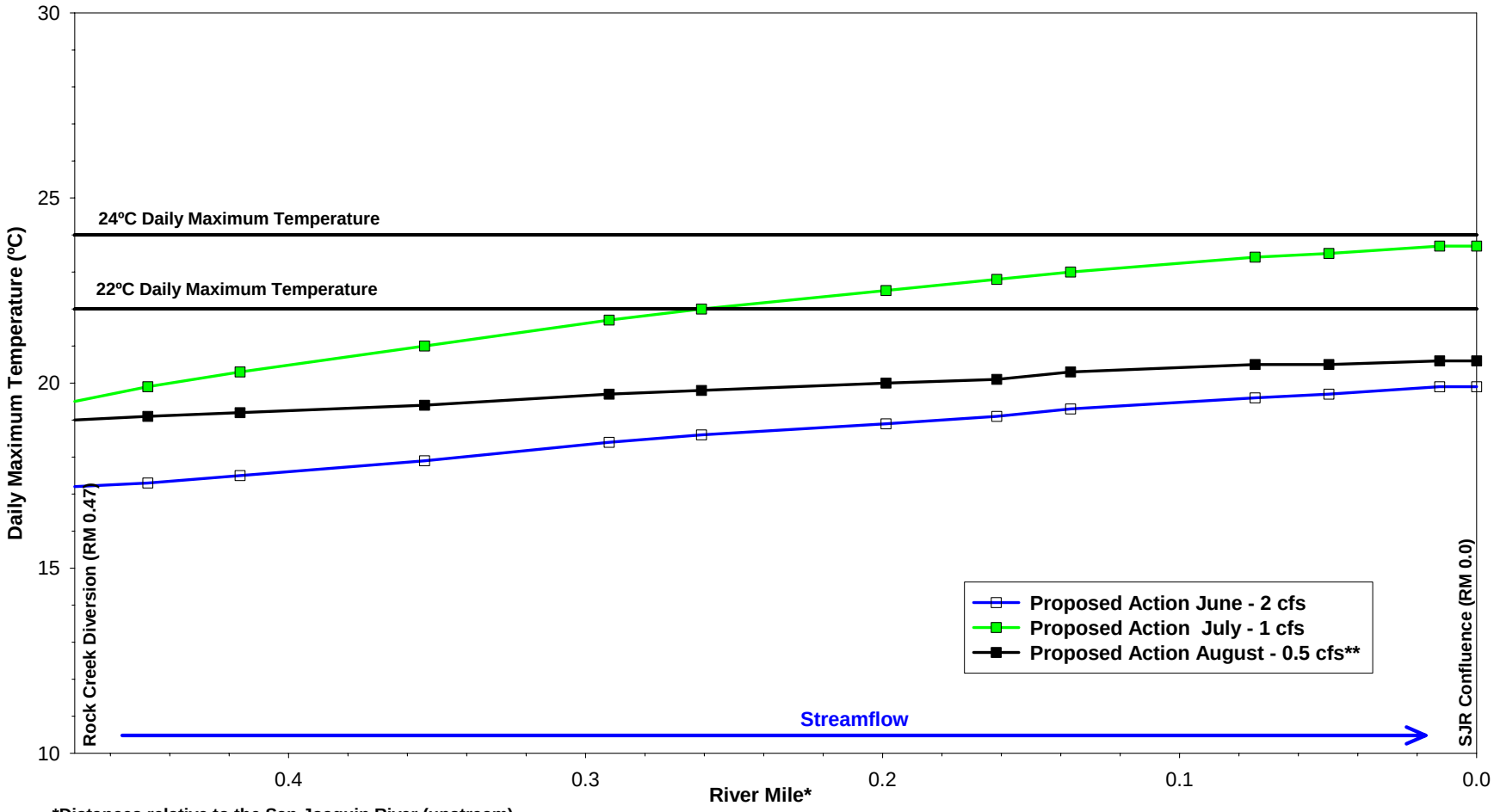
Attachment F-2. San Joaquin River Mammoth Reach (Mammoth Pool Dam to Mammoth Pool Powerhouse/Dam 6) Simulated Daily Maximum Water Temperatures for Proposed Action and Current Minimum Instream Flows (MIF) for the Months of August and September in Above Normal Water Years with Normal Meteorology.



Attachment F-3. San Joaquin River Mammoth Reach (Mammoth Pool Dam to Mammoth Pool Powerhouse/Dam 6) Simulated Daily Maximum Water Temperatures for Proposed Action and Current Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.

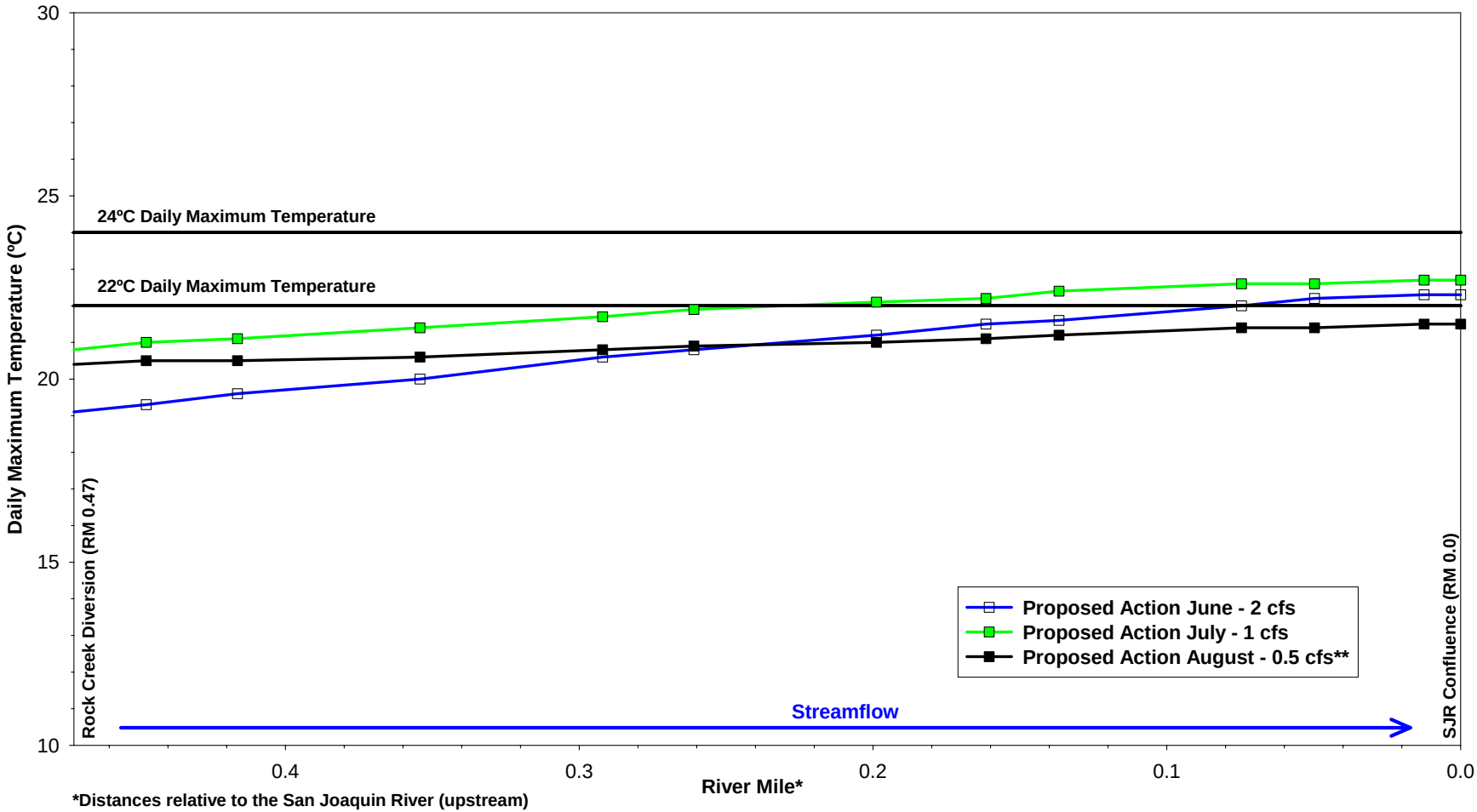


Attachment F-4. San Joaquin River Mammoth Reach (Mammoth Pool Dam to Mammoth Pool Powerhouse/Dam 6) Simulated Daily Maximum Water Temperatures for Proposed Action and Current Minimum Instream Flows (MIF) for the Months of August and September in Dry Water Years with Warm Meteorology.



*Distances relative to the San Joaquin River (upstream)
**Proposed Action flow of 0.5 cfs was not modeled; Proposed Action flow is represented by the closest modeled flow of 1 cfs.

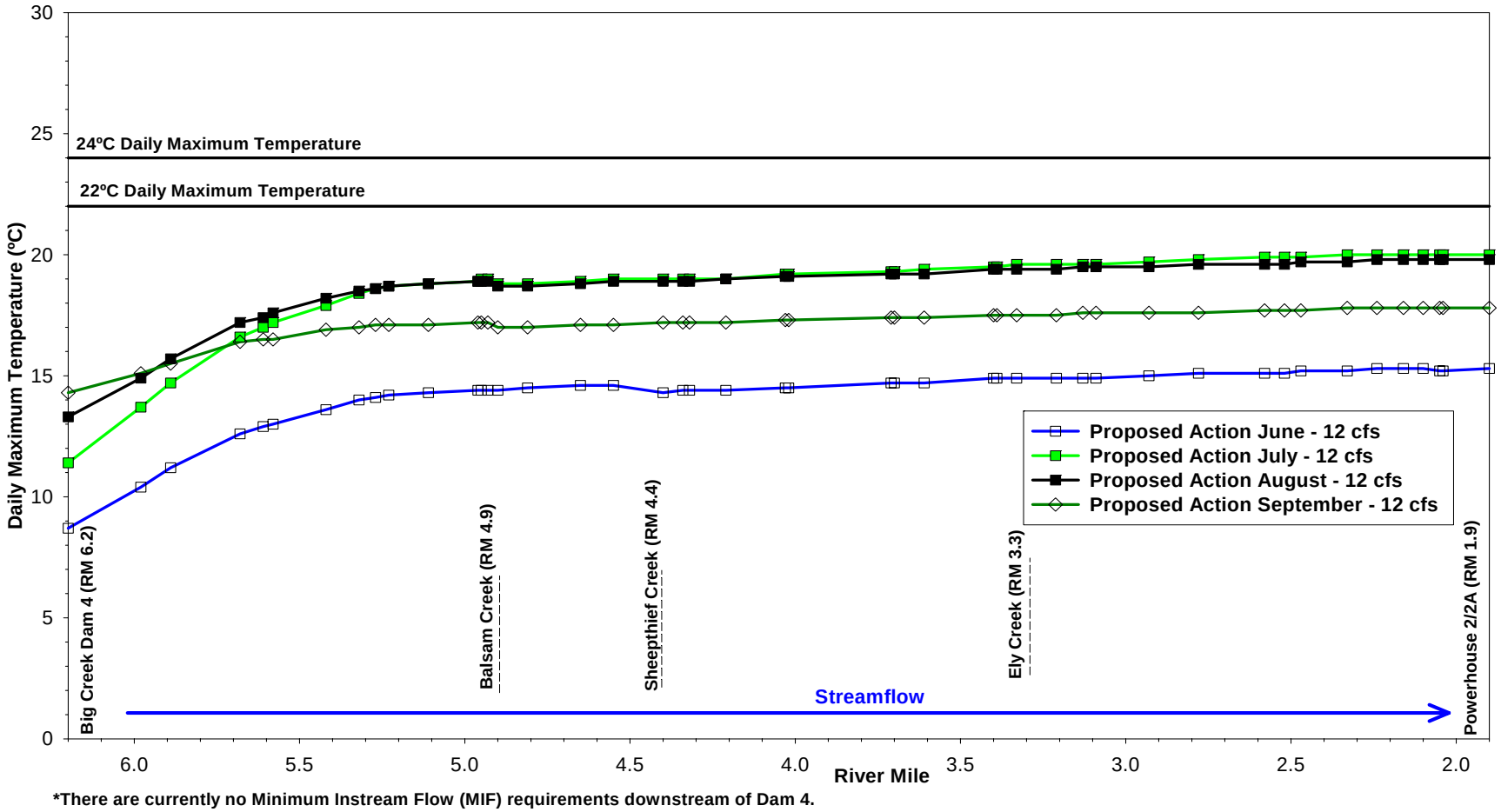
Attachment F-5. Rock Creek Simulated Daily Maximum Water Temperatures for Proposed Action for the Months of June, July and August in Above Normal Water Years with Normal Meteorology.



*Distances relative to the San Joaquin River (upstream)

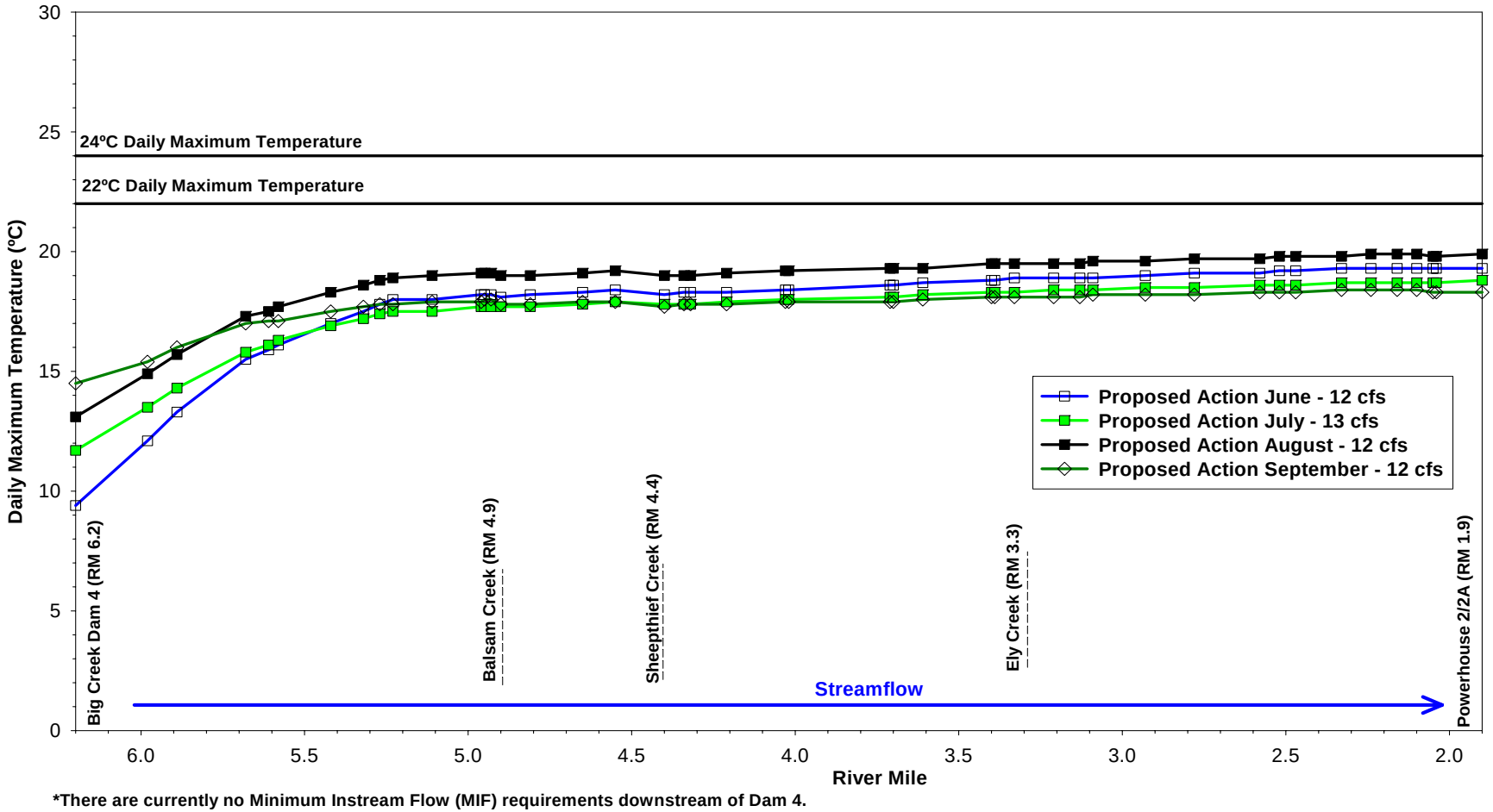
**Proposed Action flow of 0.5 cfs was not modeled; Proposed Action flow is represented by the closest modeled flow of 1 cfs.

Attachment F-6. Rock Creek Simulated Daily Maximum Water Temperatures for Proposed Action for the Months of June, July and August in Dry Water Years with Warm Meteorology.



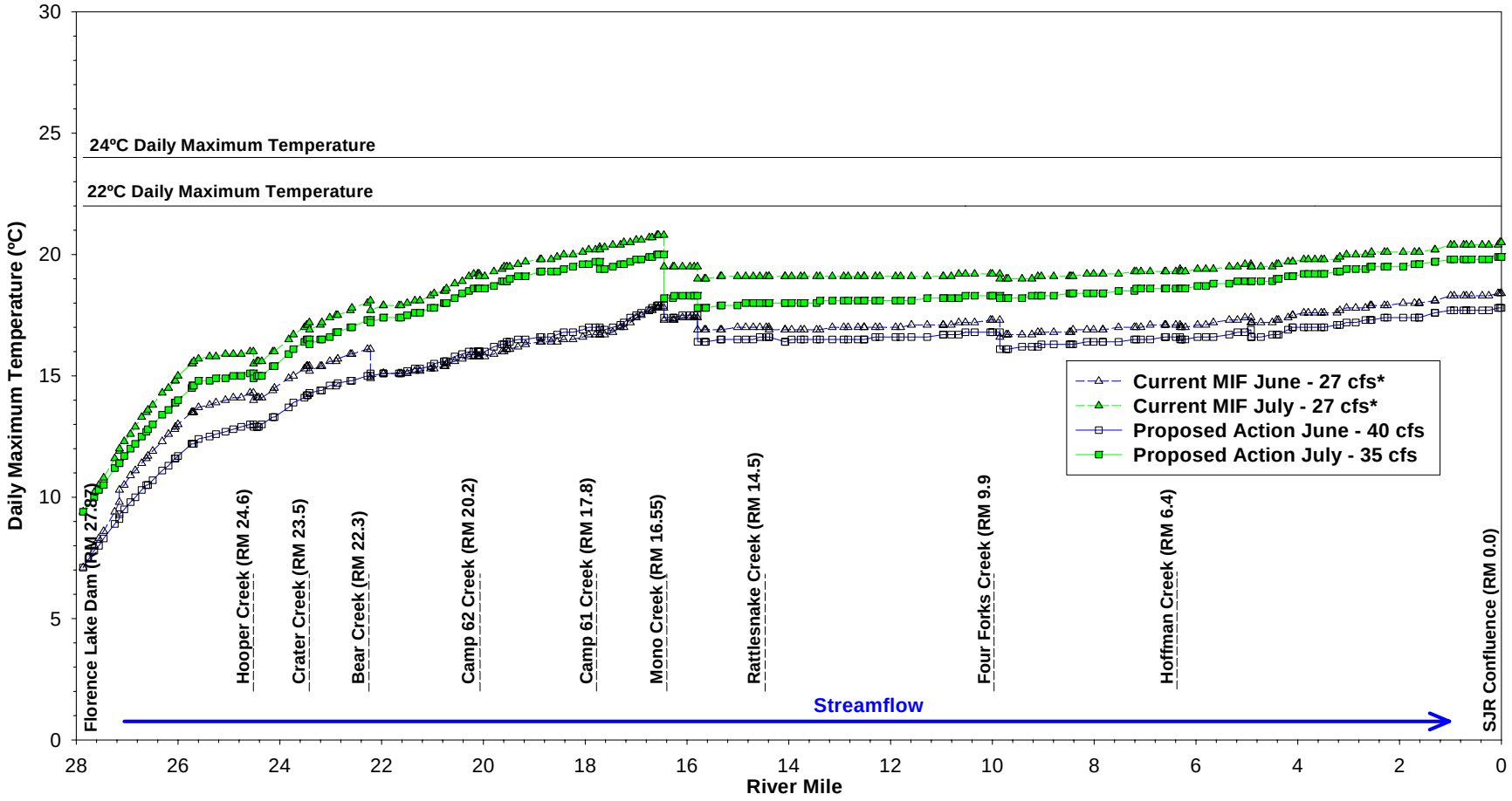
*There are currently no Minimum Instream Flow (MIF) requirements downstream of Dam 4.

Attachment F-7. Big Creek (Dam 4 to Powerhouse 2/2A/Dam 5) Simulated Daily Maximum Water Temperatures for Proposed Action for the Months of June, July, August and September in Above Normal Water Years with Normal Meteorology.



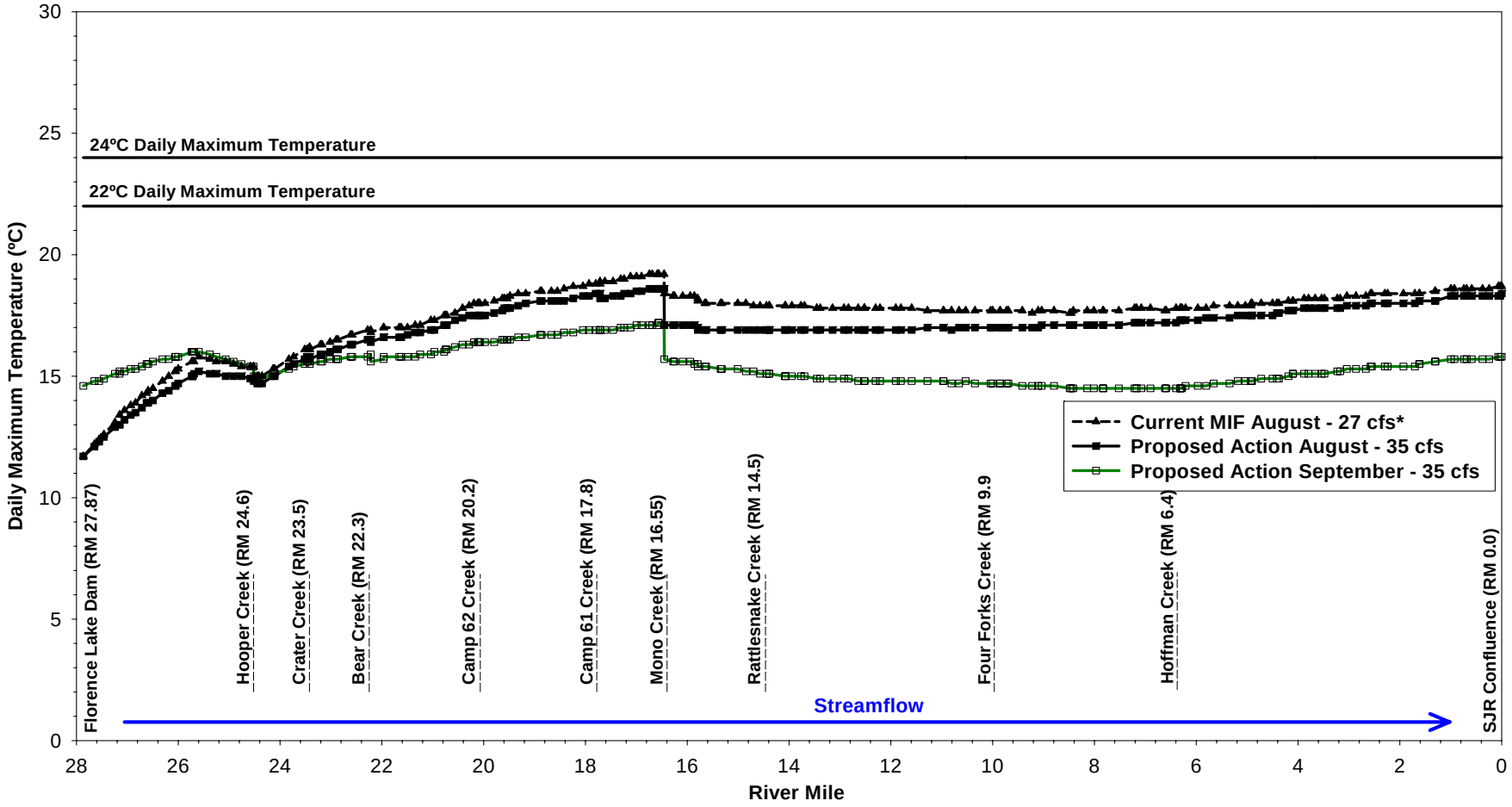
*There are currently no Minimum Instream Flow (MIF) requirements downstream of Dam 4.

Attachment F-8. Big Creek (Dam 4 to Powerhouse 2/2A/Dam 5) Simulated Daily Maximum Water Temperatures for Proposed Action for the Months of June, July, August and September in Dry Water Years with Warm Meteorology.



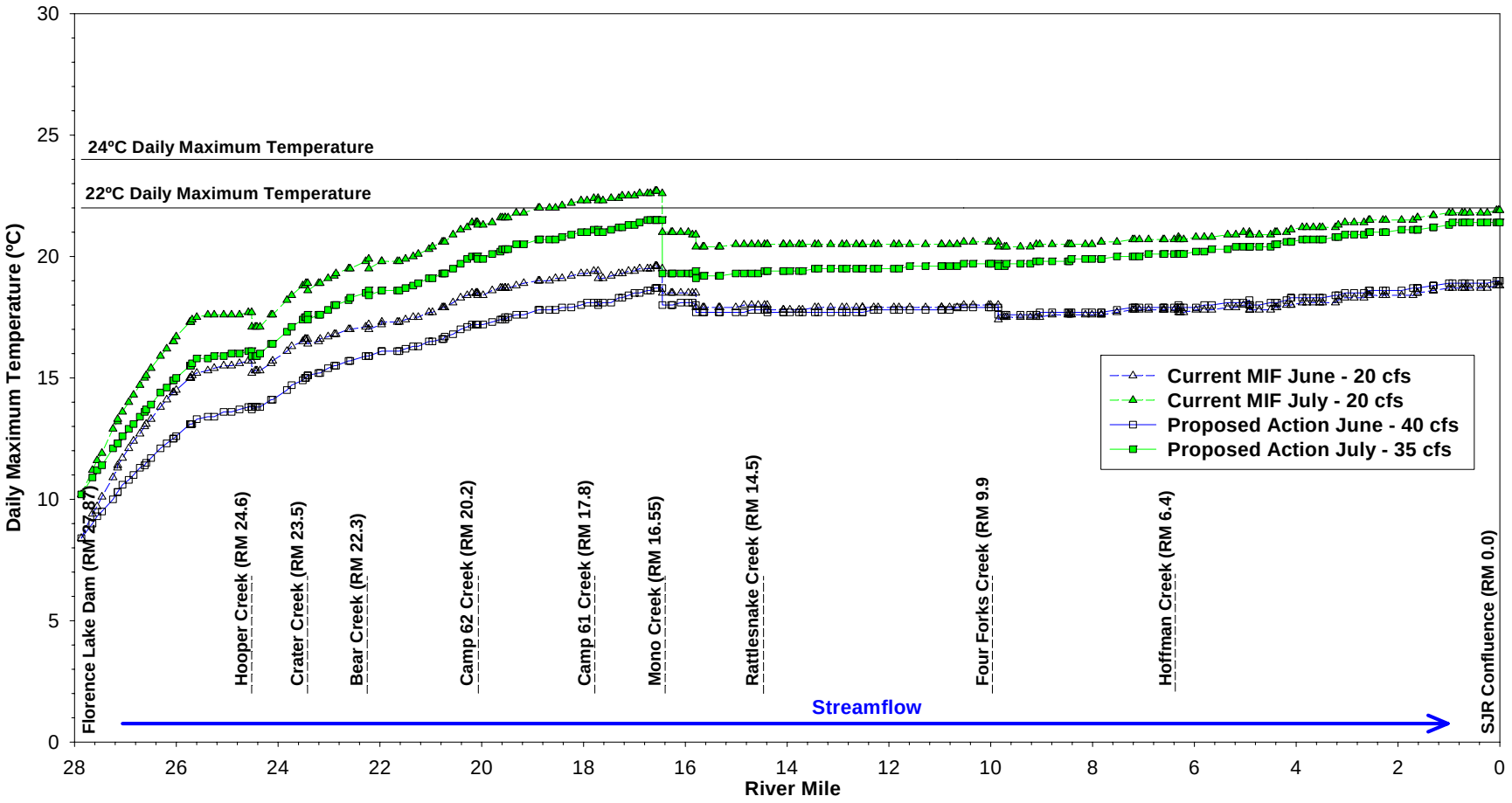
*** MIF of 27 cfs was not modeled; MIFs are represented by the closest modeled flow of 25 cfs.**

Attachment F-9. South Fork San Joaquin River Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.

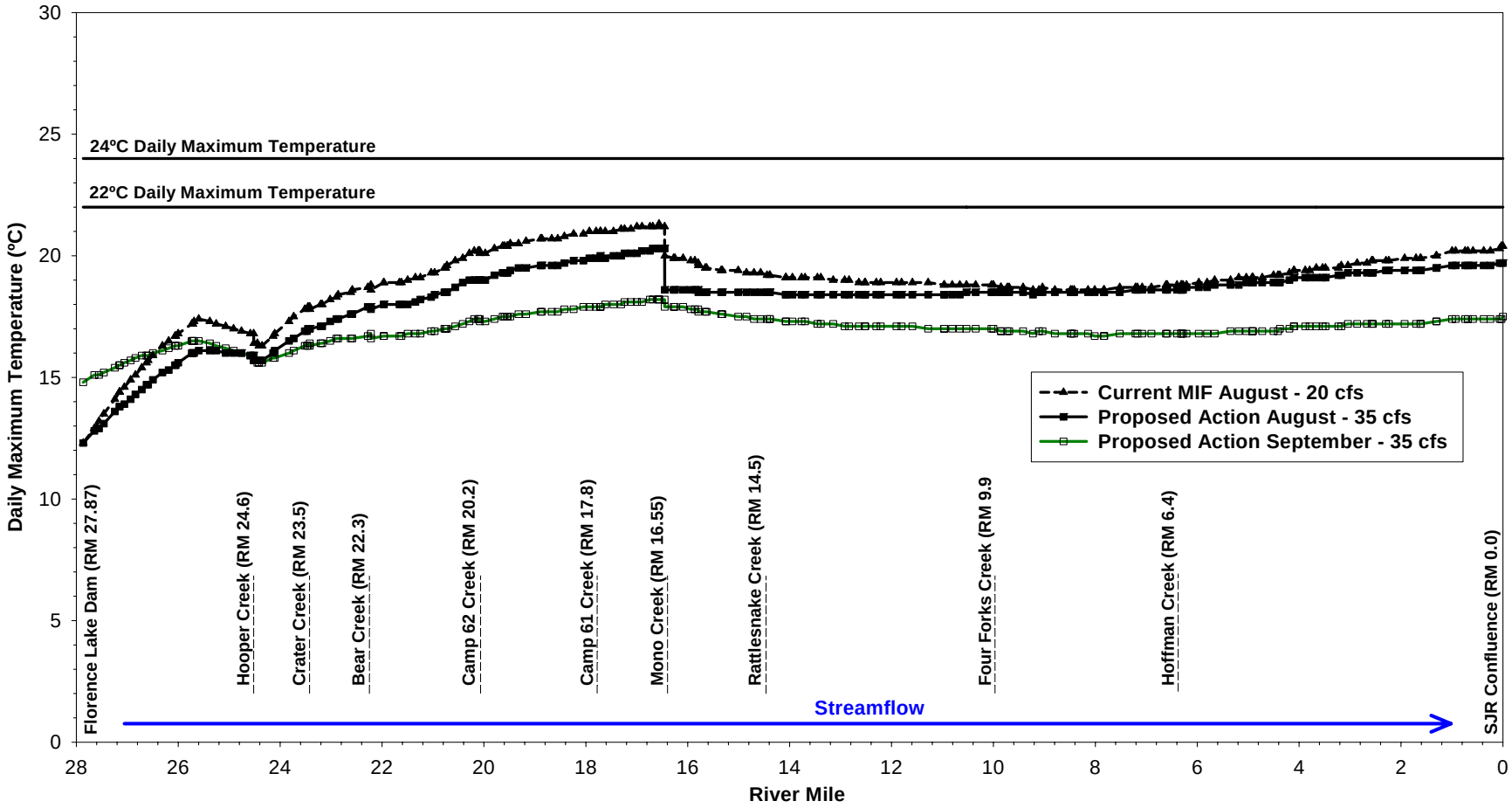


*** MIF of 27 cfs was not modeled; MIFs are represented by the closest modeled flow of 25 cfs.**

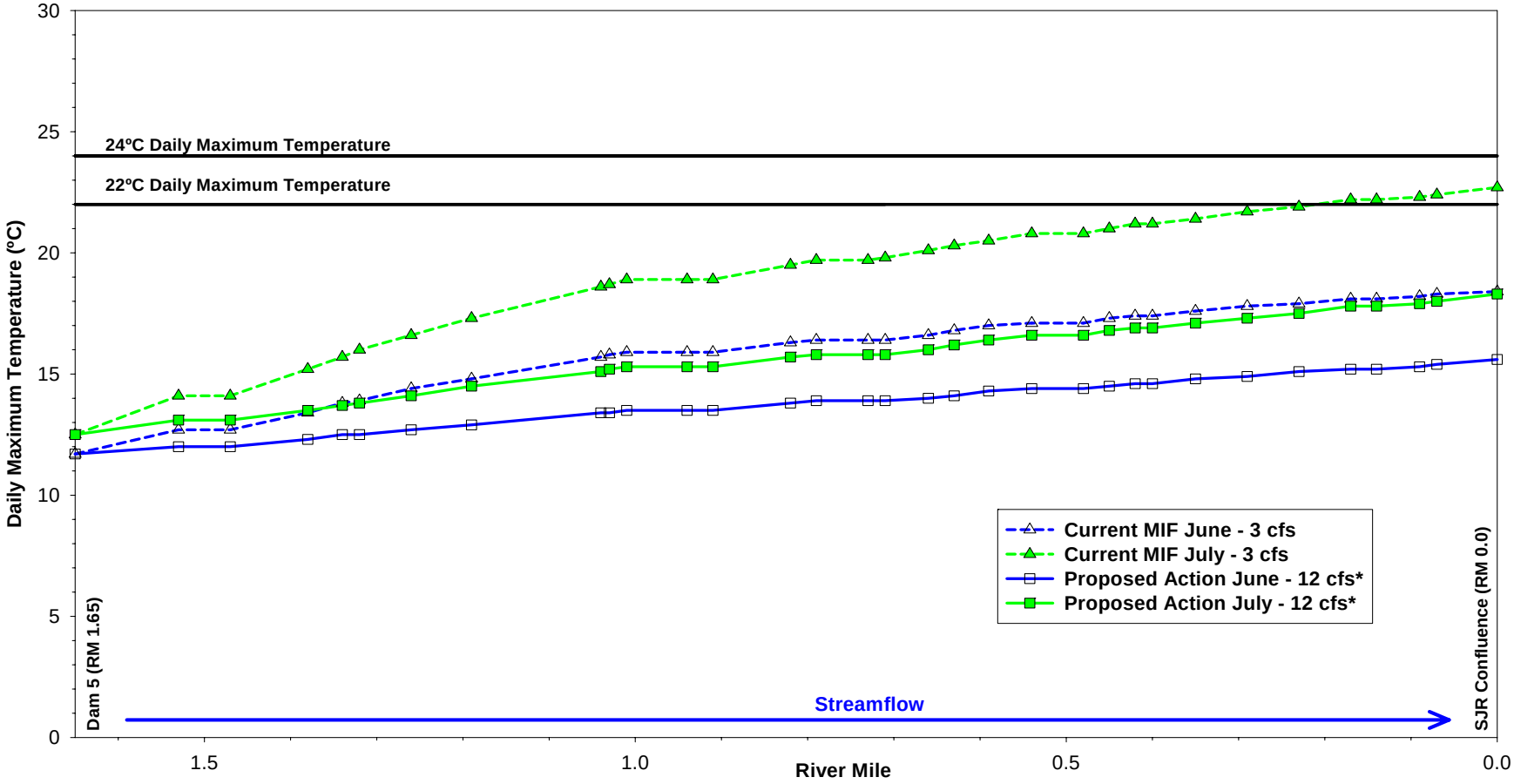
Attachment F-10. South Fork San Joaquin River Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Months of August and September in Above Normal Water Years with Normal Meteorology.



Attachment F-11. South Fork San Joaquin River Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.

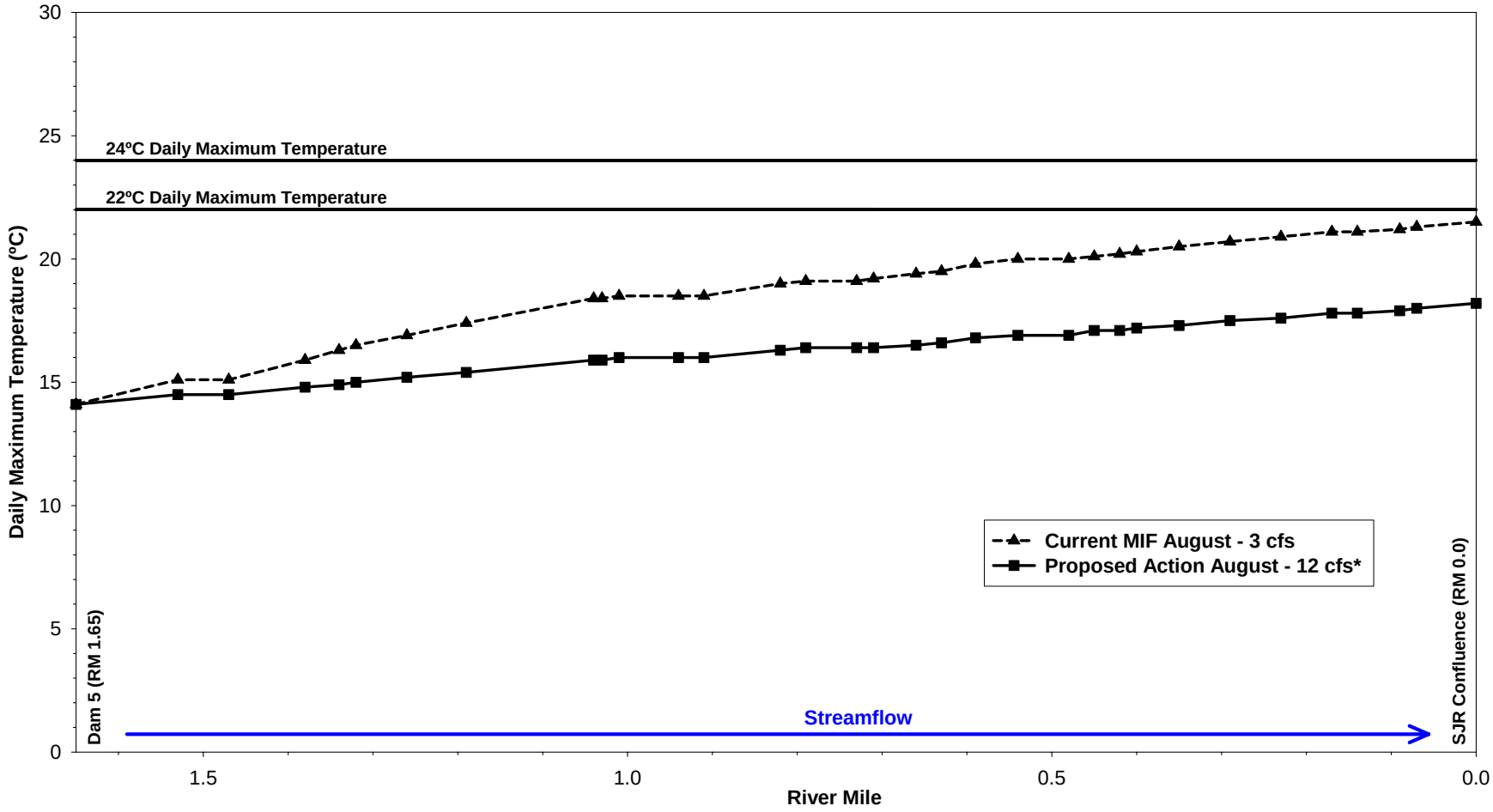


Attachment F-12. South Fork San Joaquin River Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Months of August and September in Dry Water Years with Warm Meteorology.



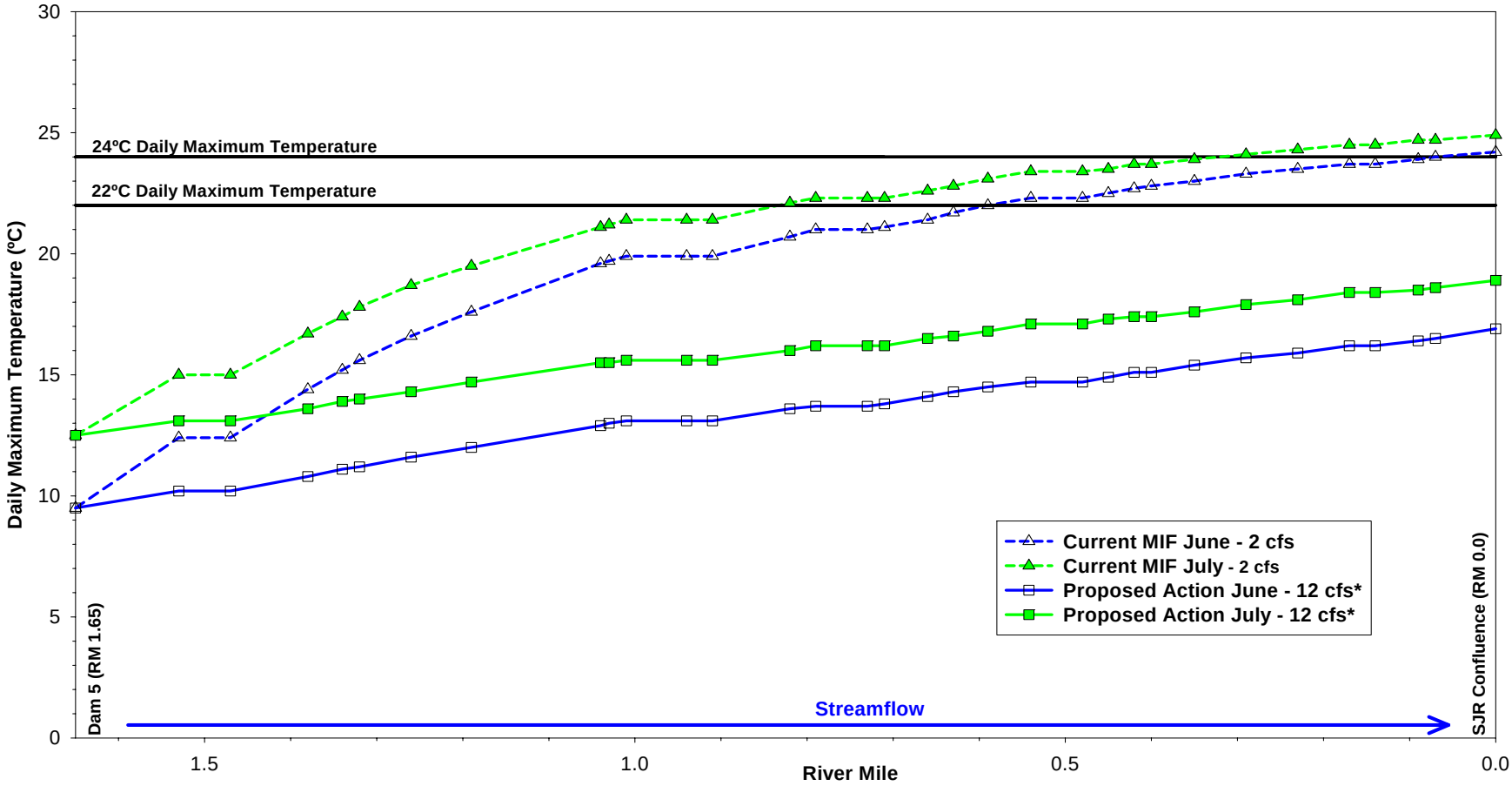
*Proposed flow of 12 cfs was not modeled; Proposed flow is represented by the closest modeled flow of 10 cfs.

Attachment F-13. Big Creek (Dam 5 to Powerhouse 8/SJR) Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.



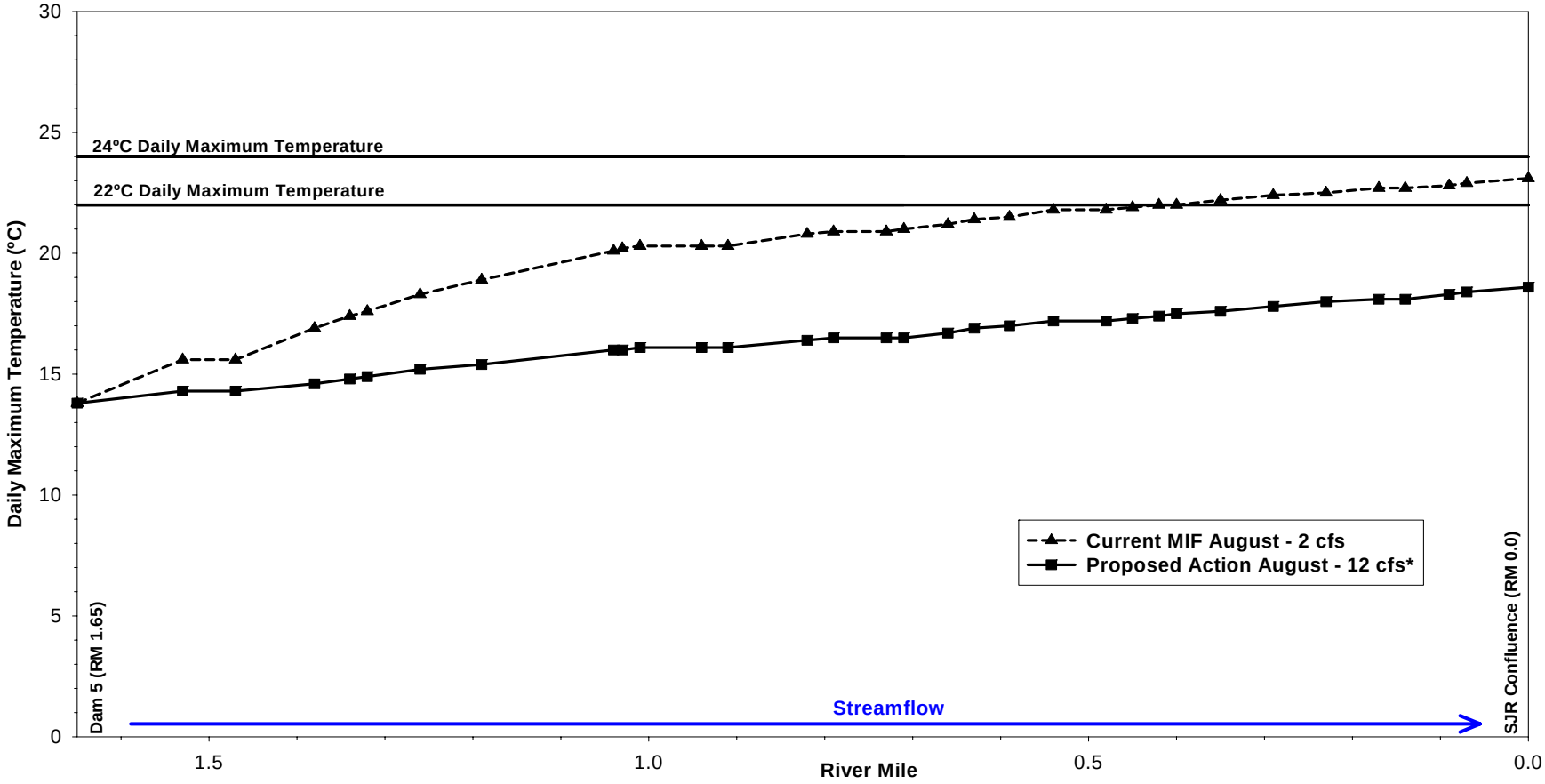
*Proposed flow of 12 cfs was not modeled; Proposed flow is represented by the closest modeled flow of 10 cfs.

Attachment F-14. Big Creek (Dam 5 to Powerhouse 8/SJR) Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Month of August in Above Normal Water Years with Normal Meteorology.



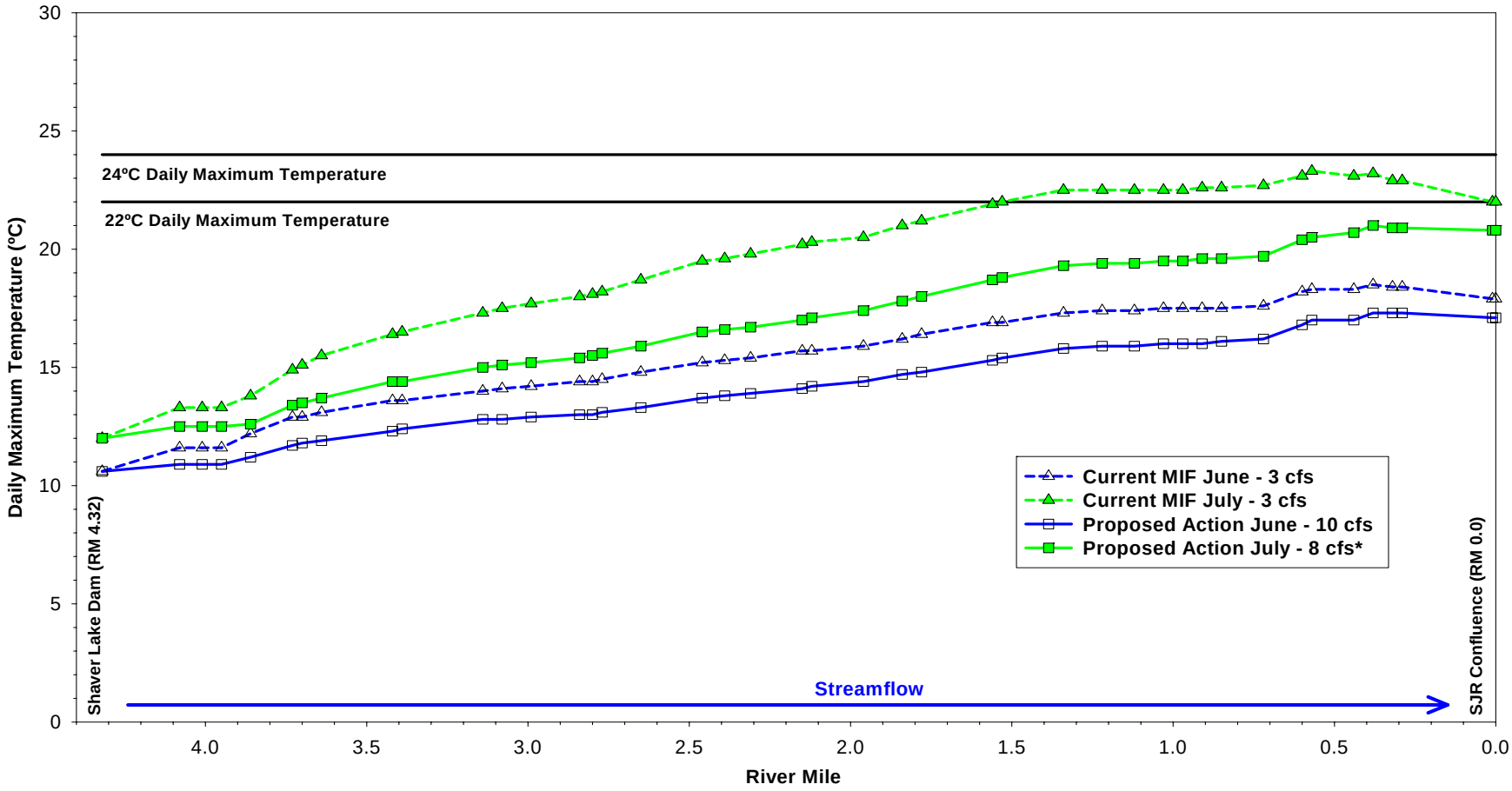
*Proposed flow of 12 cfs was not modeled; Proposed flow is represented by the closest modeled flow of 10 cfs.

Attachment F-15. Big Creek (Dam 5 to Powerhouse 8/SJR) Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.



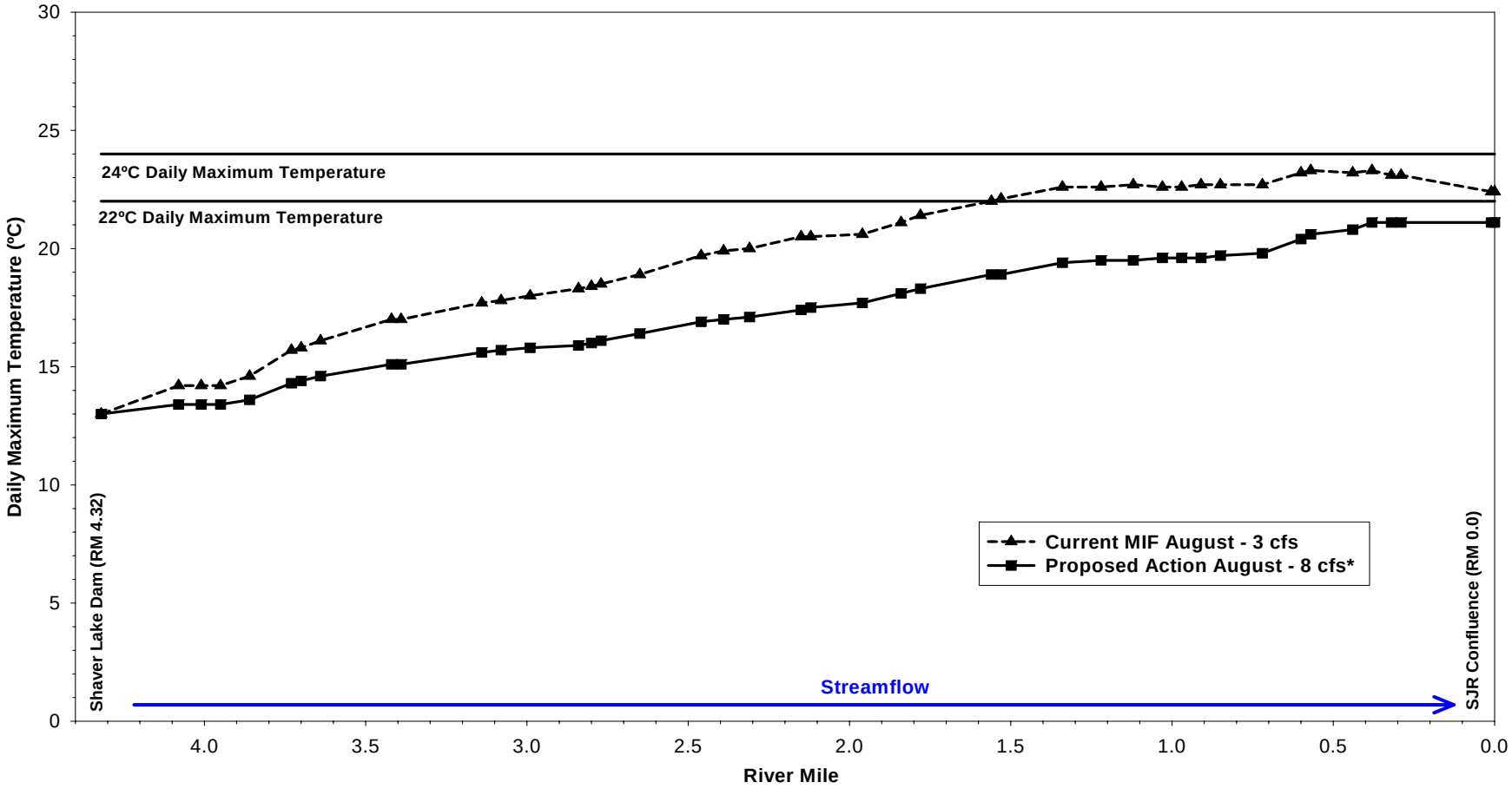
*Proposed flow of 12 cfs was not modeled; Proposed flow is represented by the closest modeled flow of 10 cfs.

Attachment F-16. Big Creek (Dam 5 to Powerhouse 8/SJR) Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Month August in Dry Water Years with Warm Meteorology.



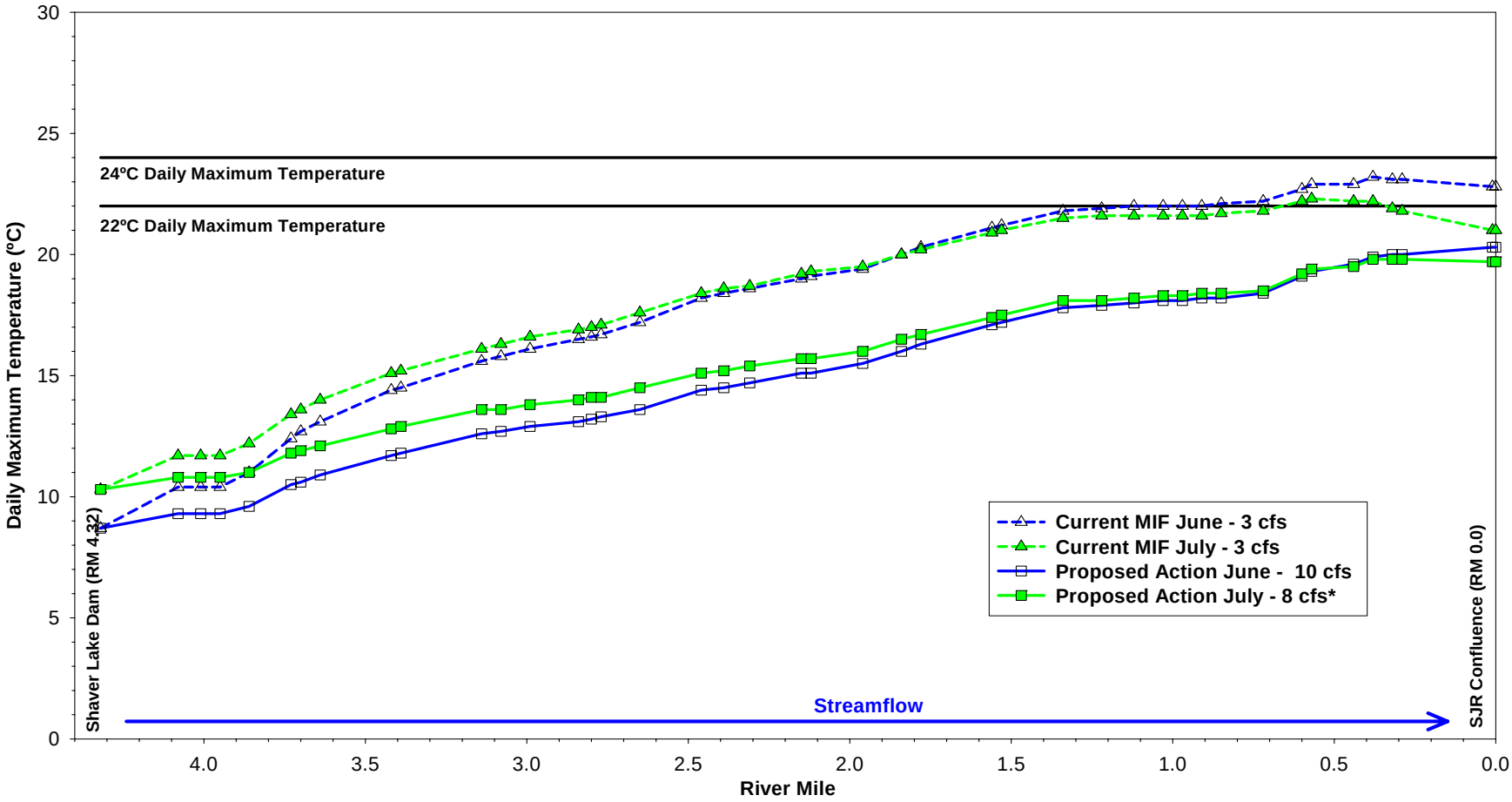
*** Proposed Action flow of 8 cfs was not modeled; Proposed flow is represented by the closest modeled flow of 10 cfs.**

Attachment F-17. Stevenson Creek (Shaver lake Dam to San Joaquin River) Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.



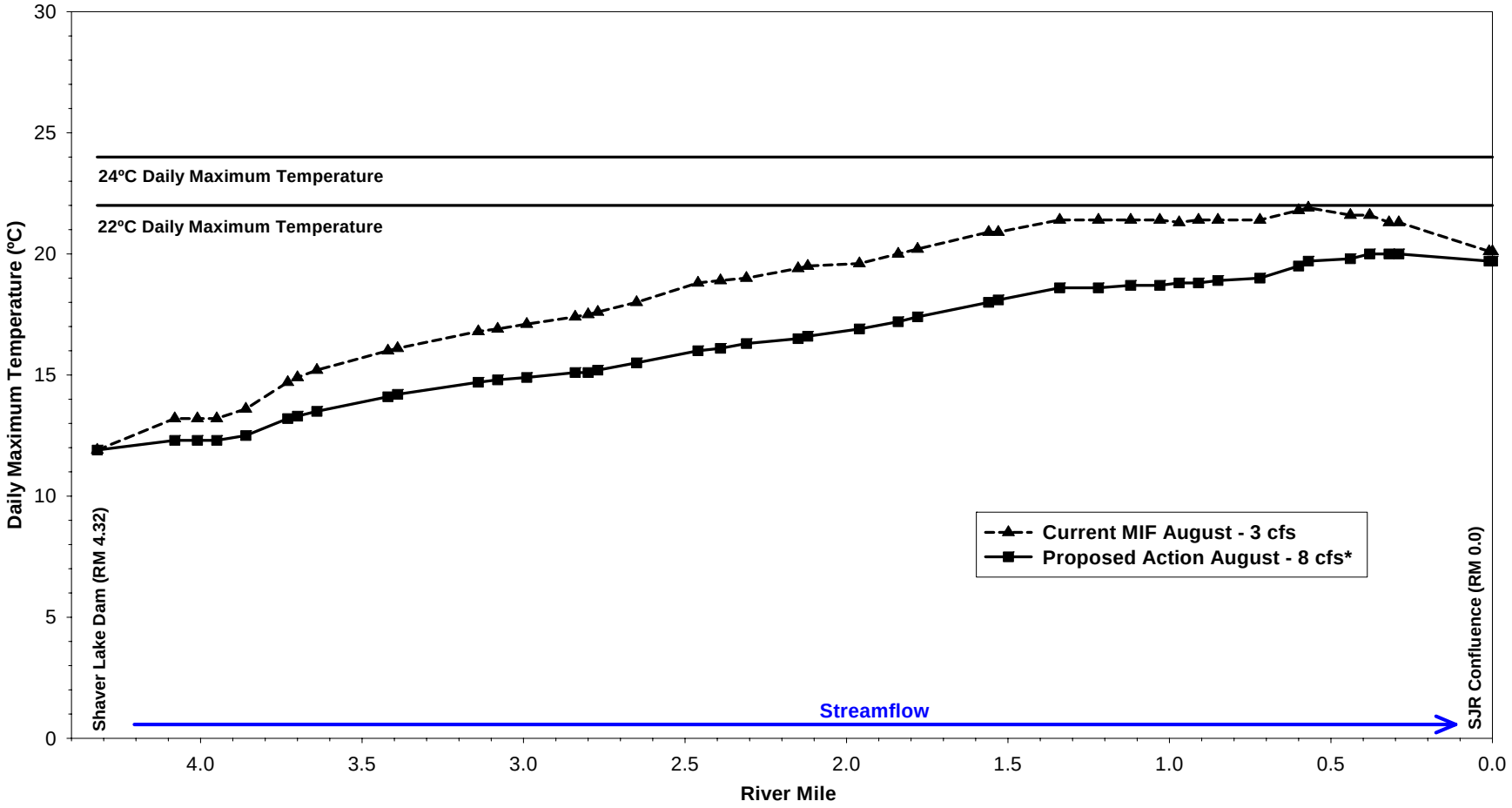
*** Proposed Action flow of 8 cfs was not modeled; Proposed flow is represented by the closest modeled flow of 10 cfs.**

Attachment F-18. Stevenson Creek (Shaver lake Dam to San Joaquin River) Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Month of August in Above Normal Water Years with Normal Meteorology.



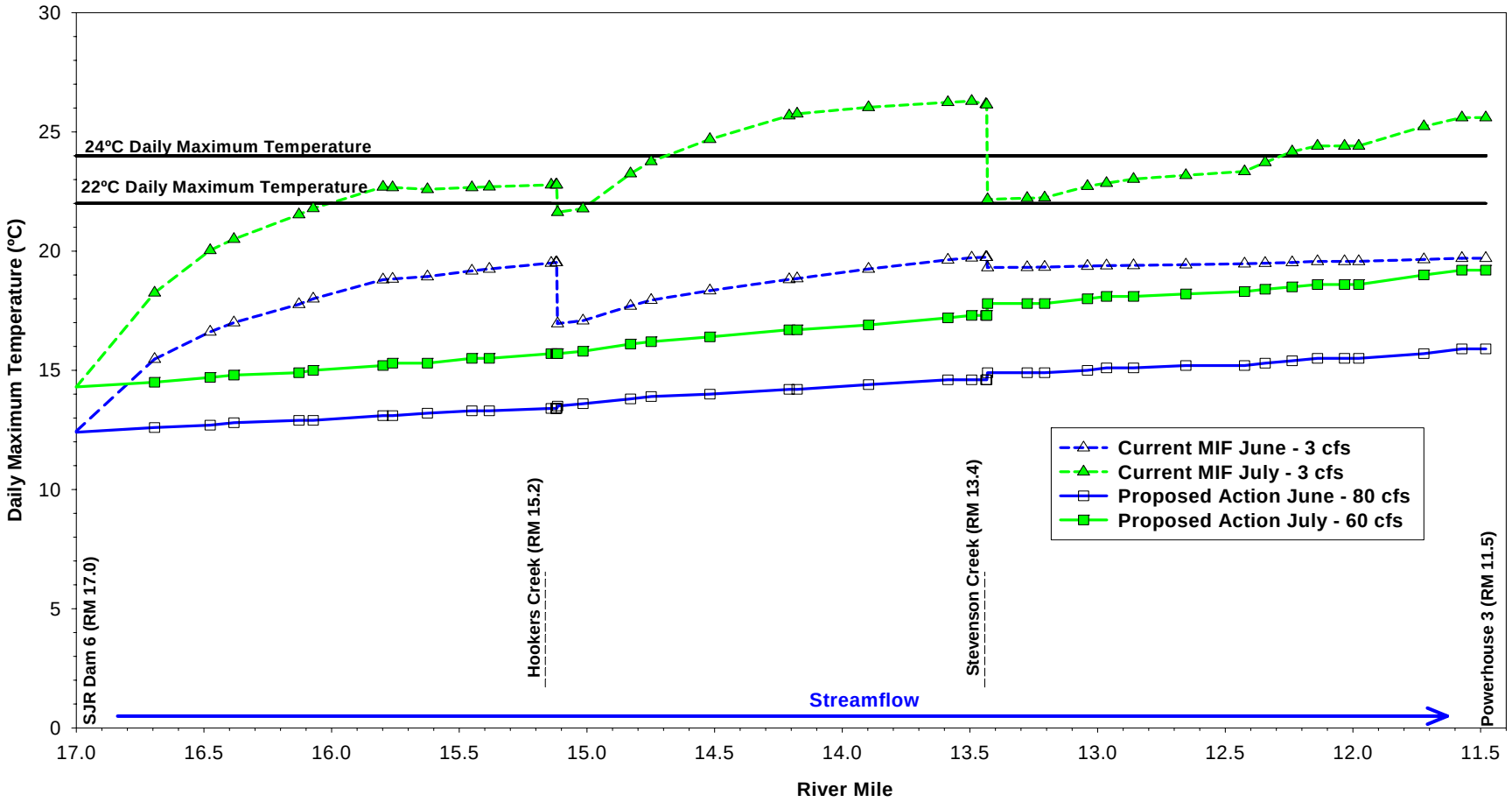
*** Proposed Action flow of 8 cfs was not modeled; Proposed flow is represented by the closest modeled flow of 10 cfs.**

Attachment F-19. Stevenson Creek (Shaver lake Dam to San Joaquin River) Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.



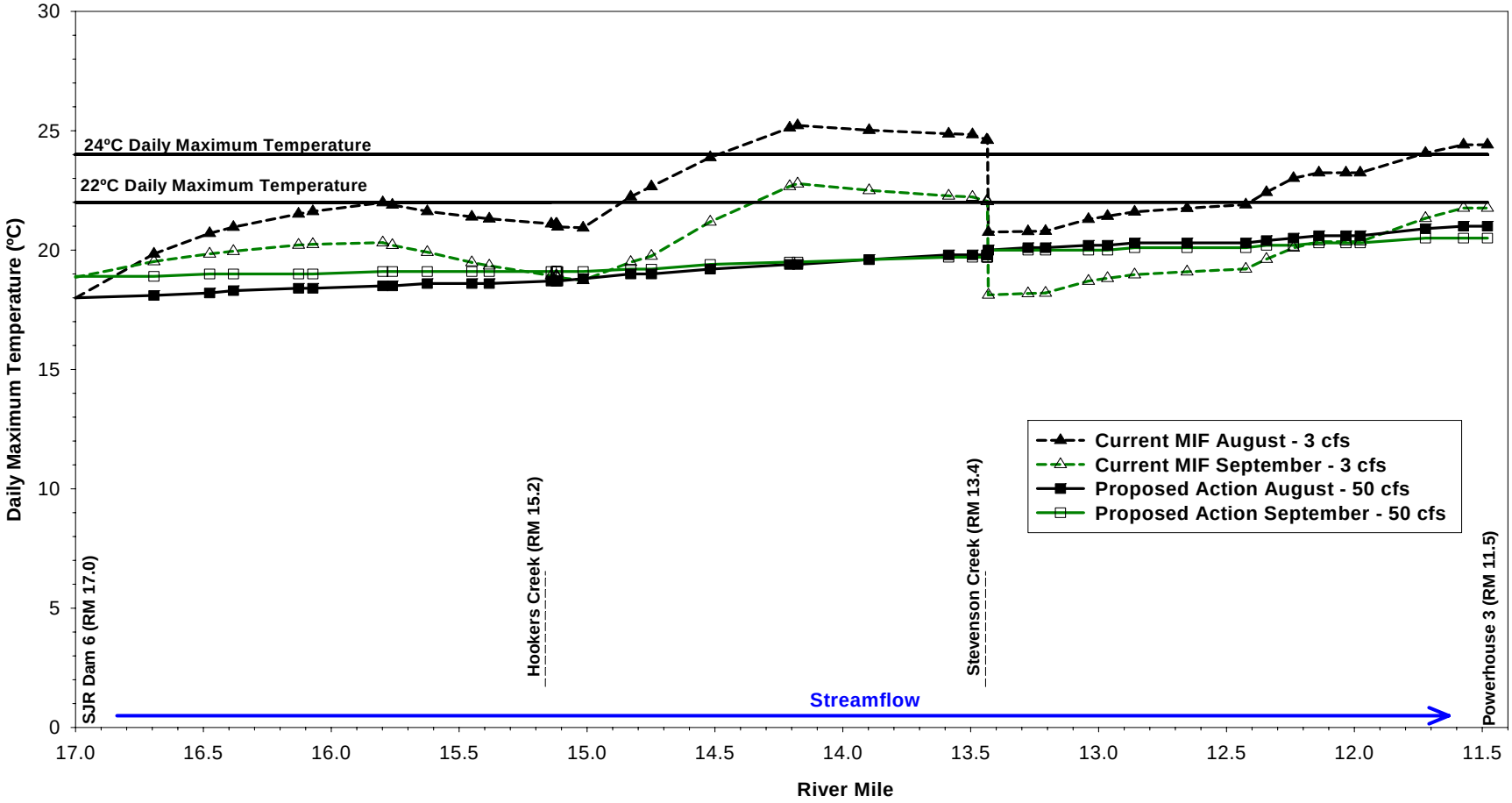
*** Proposed Action flow of 8 cfs was not modeled; Proposed flow is represented by the closest modeled flow of 10 cfs.**

Attachment F-20. Stevenson Creek (Shaver lake Dam to San Joaquin River) Simulated Daily Maximum Water Temperatures for Proposed Action and Minimum Instream Flows (MIF) for the Month of August in Dry Water Years with Warm Meteorology.



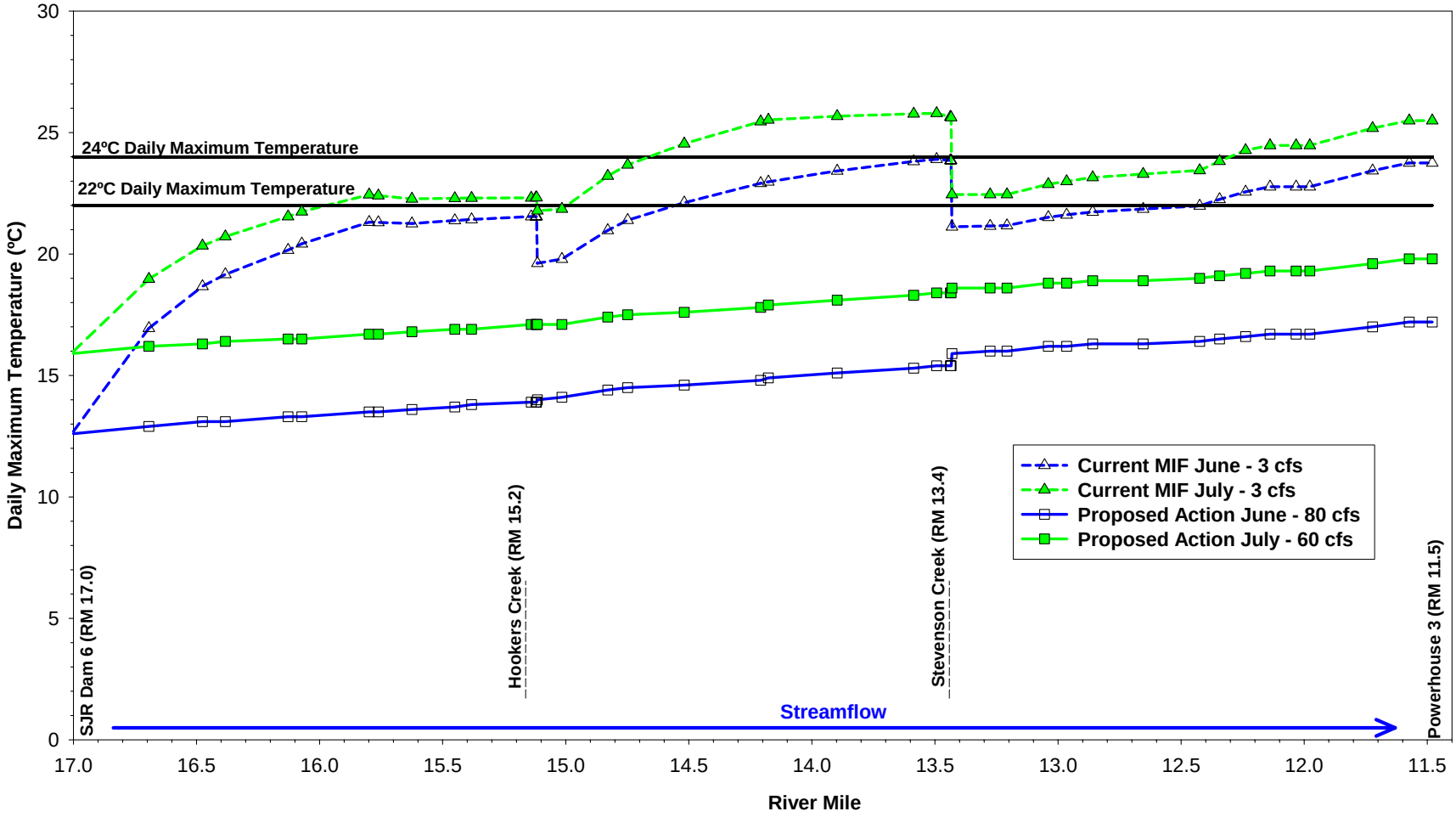
* Proposed flow released from Dam 6. Model includes proposed flow from Dam 6 and Stevenson Creek.

Attachment F-21. San Joaquin River Stevenson Reach (Dam 6 to Powerhouse 3/Redinger Lake) Simulated Daily Maximum Water Temperatures for Proposed Action and Current Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.



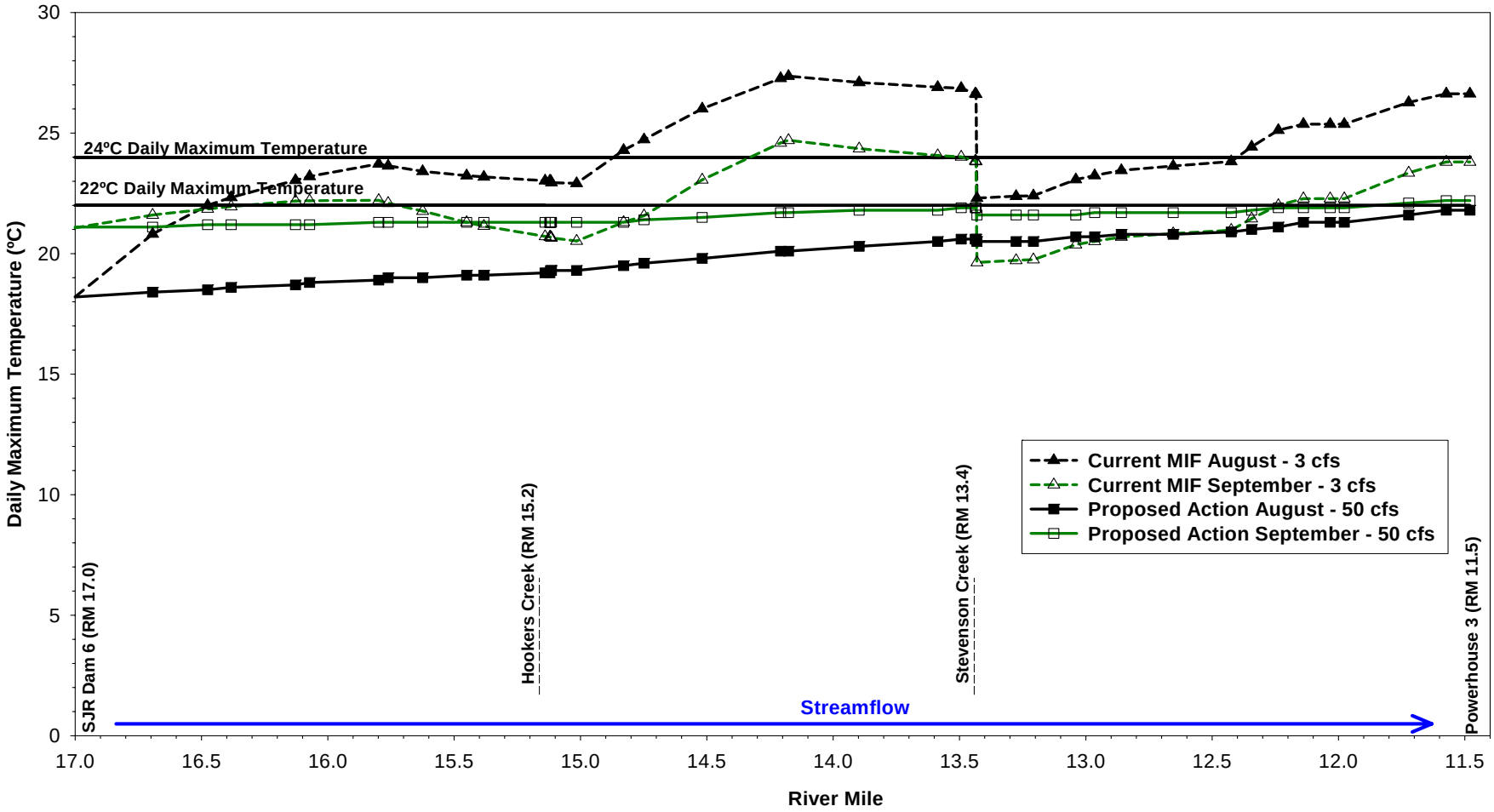
* Proposed flow released from Dam 6. Model includes proposed flow from Dam 6 and Stevenson Creek.

Attachment F-22. San Joaquin River Stevenson Reach (Dam 6 to Powerhouse 3/Redinger Lake) Simulated Daily Maximum Water Temperatures for Proposed Action and Current Minimum Instream Flows (MIF) for the Months of August and September in Above Normal Water Years with Normal Meteorology.



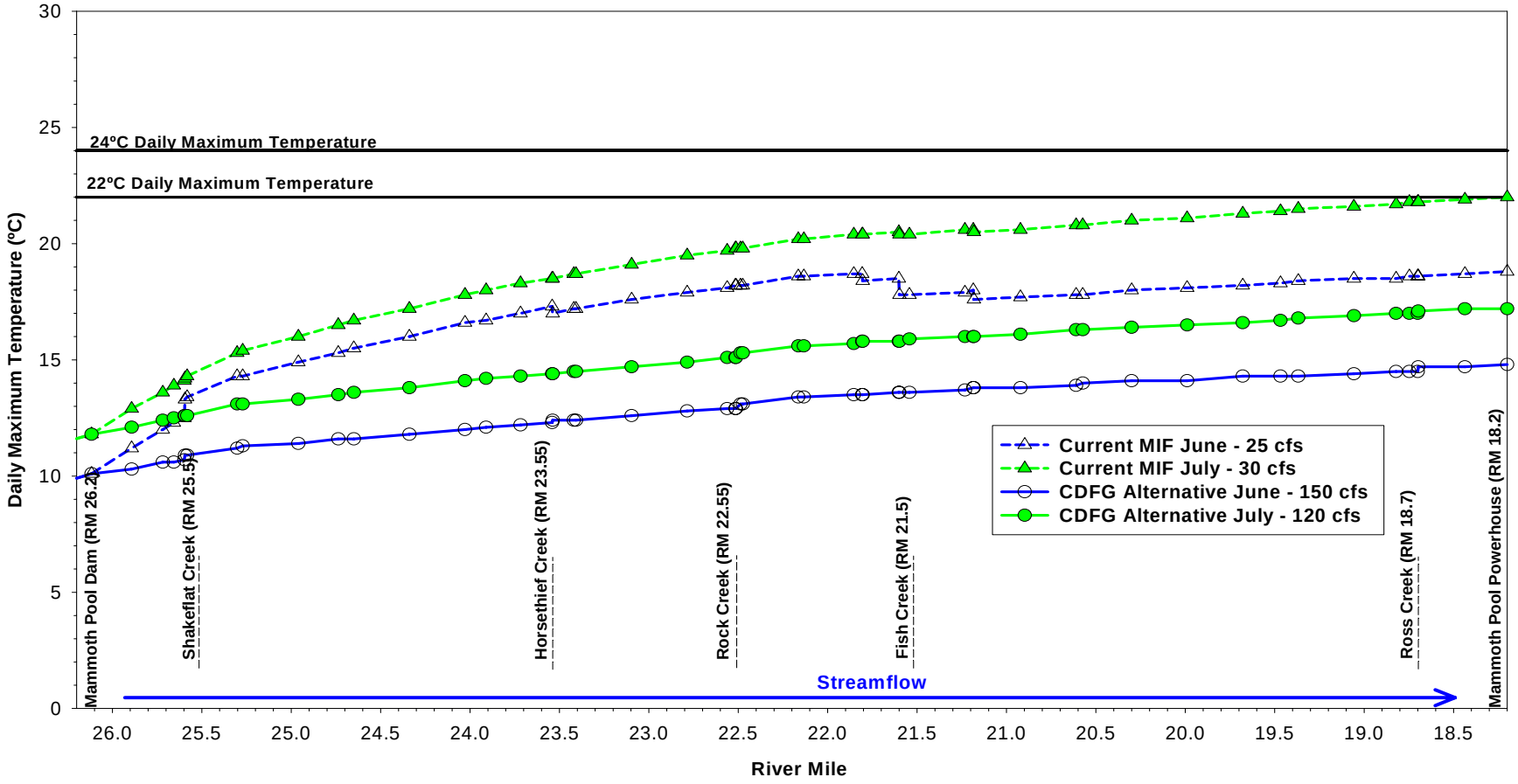
* Proposed flow released from Dam 6. Model includes proposed flow from Dam 6 and Stevenson Creek.

Attachment F-23. San Joaquin River Stevenson Reach (Dam 6 to Powerhouse 3/Redinger Lake) Simulated Daily Maximum Water Temperatures for Proposed Action and Current Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.

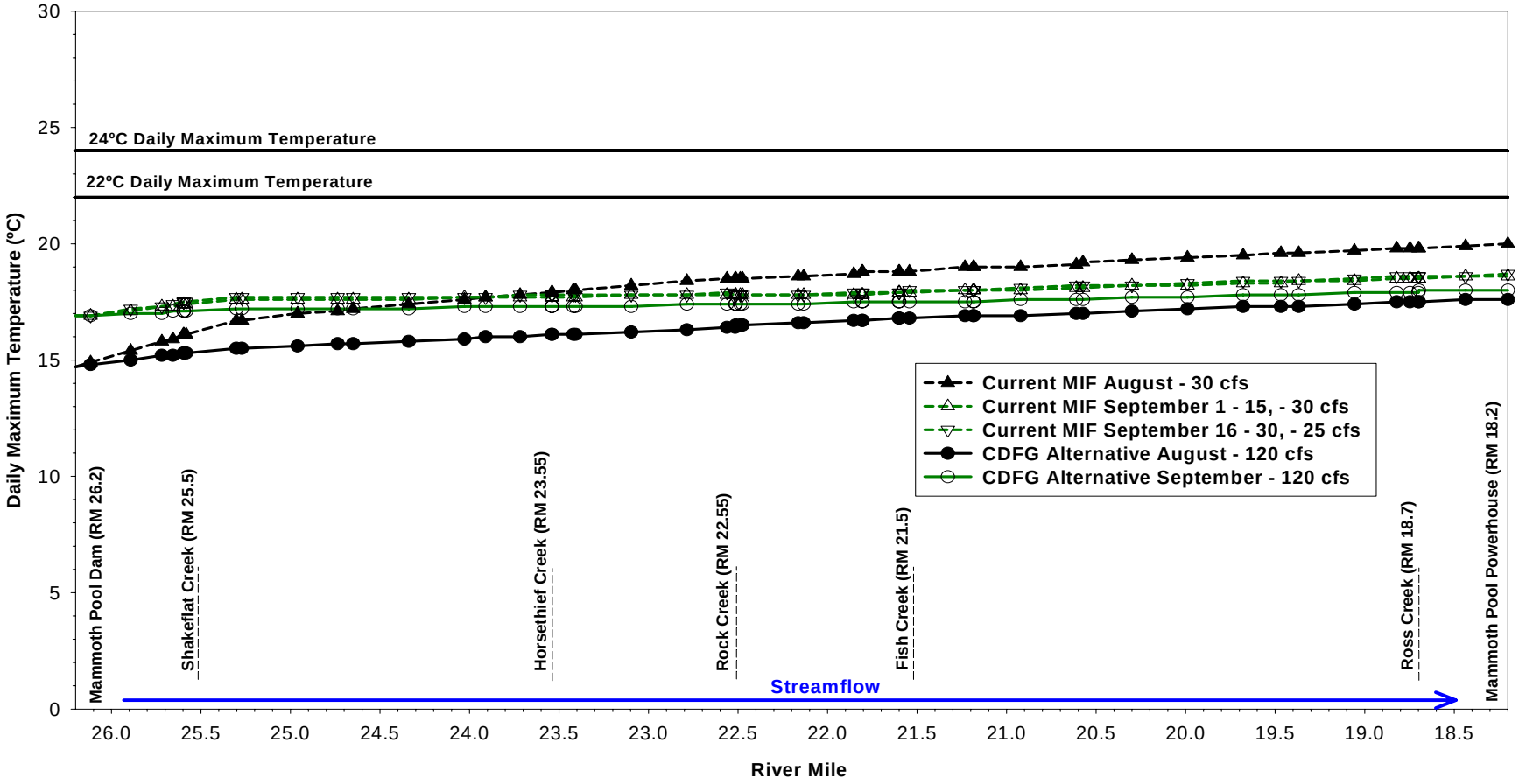


* Proposed flow released from Dam 6. Model includes proposed flow from Dam 6 and Stevenson Creek.

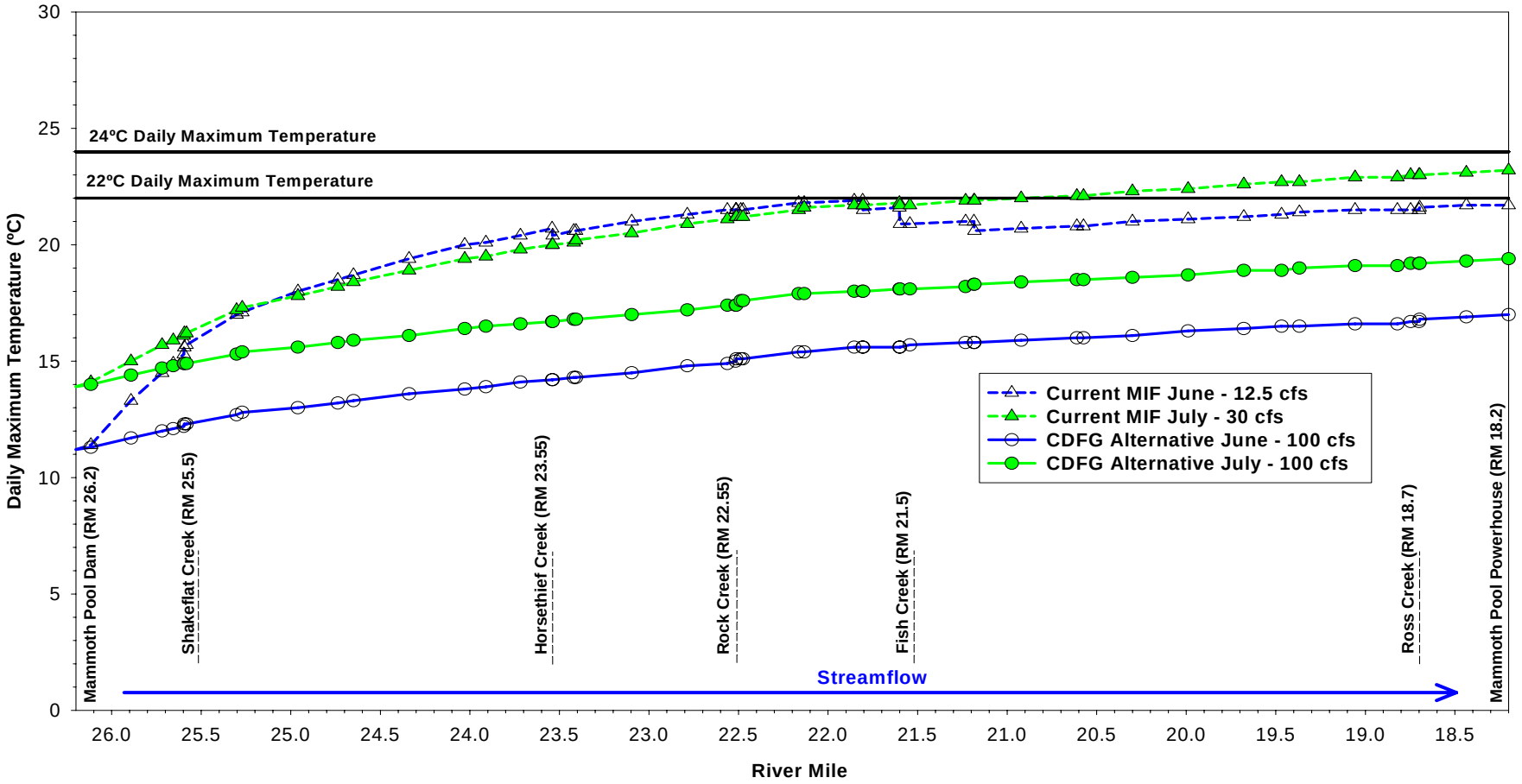
Attachment F-24. San Joaquin River Stevenson Reach (Dam 6 to Powerhouse 3/Redinger Lake) Simulated Daily Maximum Water Temperatures for Proposed Action and Current Minimum Instream Flows (MIF) for the Months of August and September in Dry Water Years with Warm Meteorology.



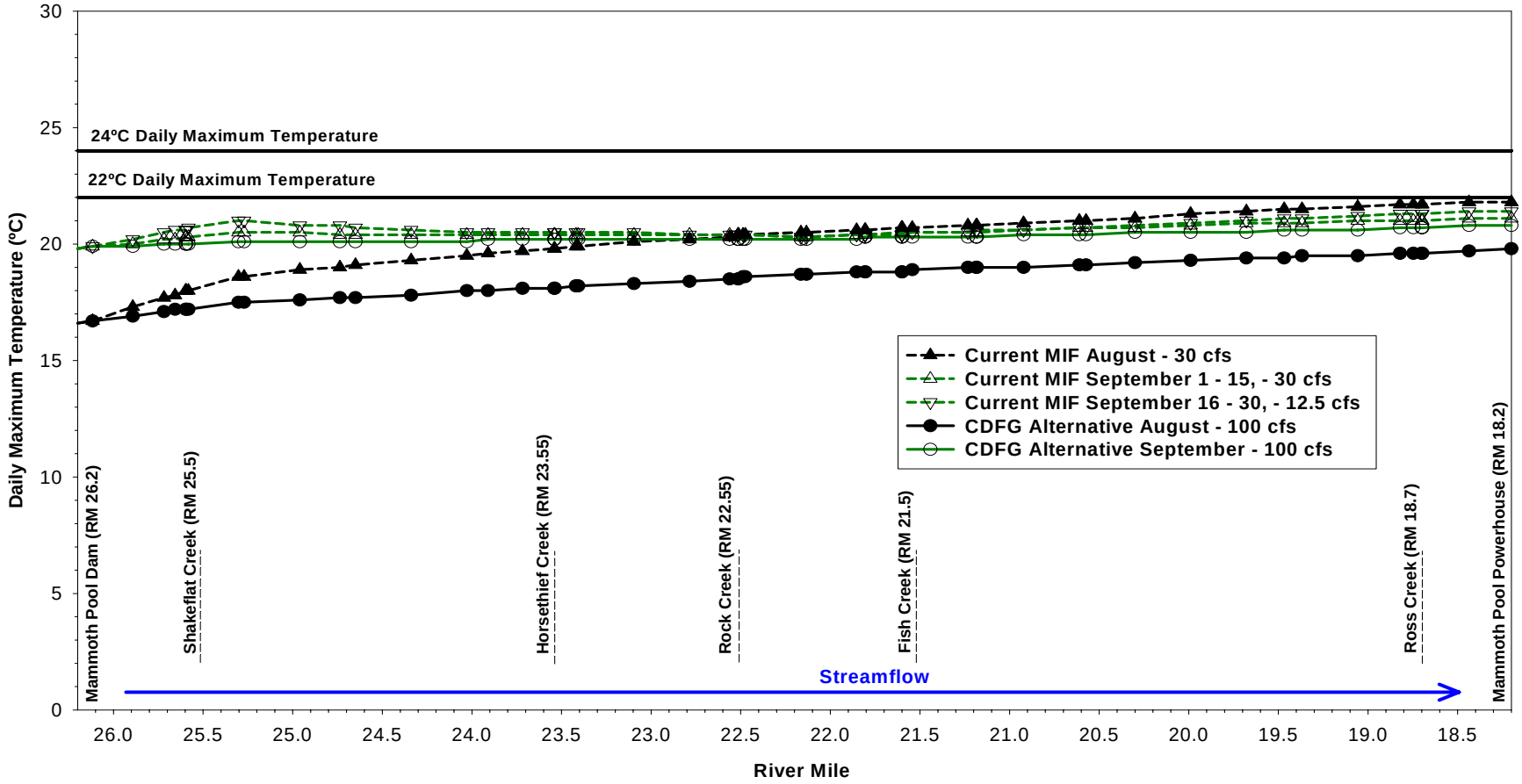
Attachment F-25. San Joaquin River Mammoth Reach Simulated Daily Maximum Water Temperatures for CDFG Alternative and Current Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.



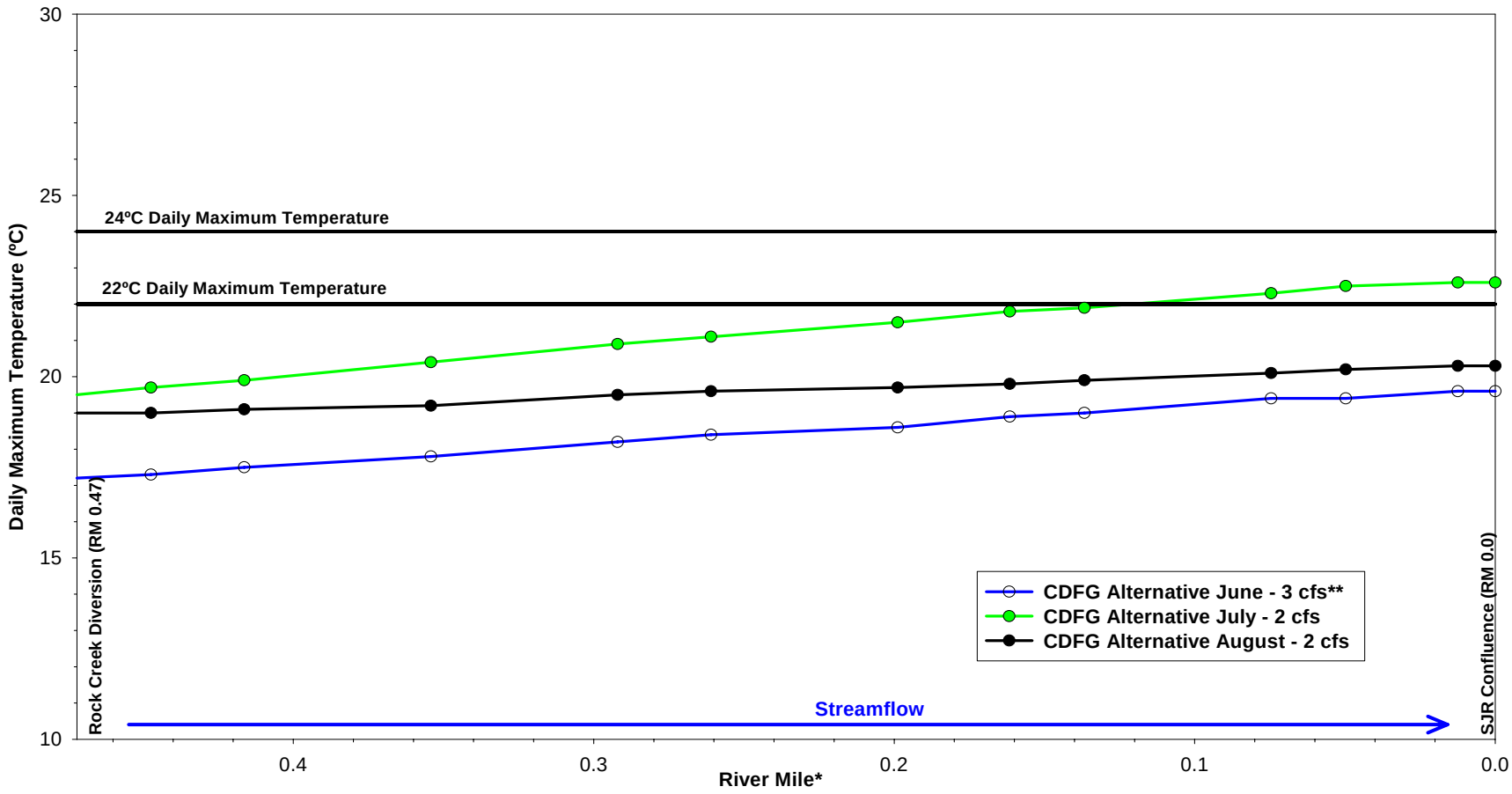
Attachment F-26. San Joaquin River Mammoth Reach Simulated Daily Maximum Water Temperatures for CDFG Alternative and Current Minimum Instream Flows (MIF) for the Months of August and September in Above Normal Water Years with Normal Meteorology.



Attachment F-27. San Joaquin River Mammoth Reach Simulated Daily Maximum Water Temperatures for CDFG Alternative and Current Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.

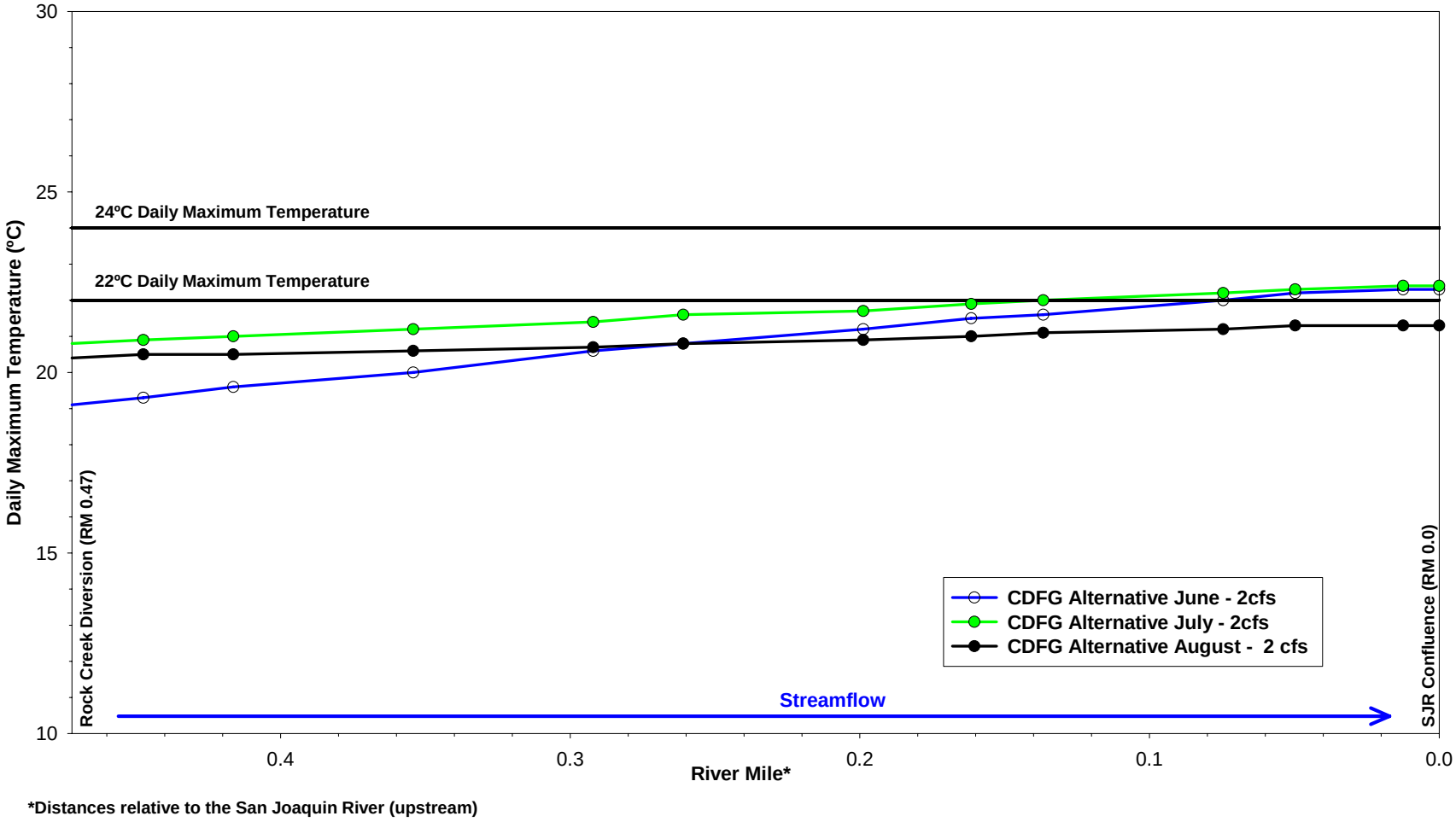


Attachment F-28. San Joaquin River Mammoth Reach Simulated Daily Maximum Water Temperatures for CDFG Alternative and Current Minimum Instream Flows (MIF) for the Months of August and September in Dry Water Years with Warm Meteorology.



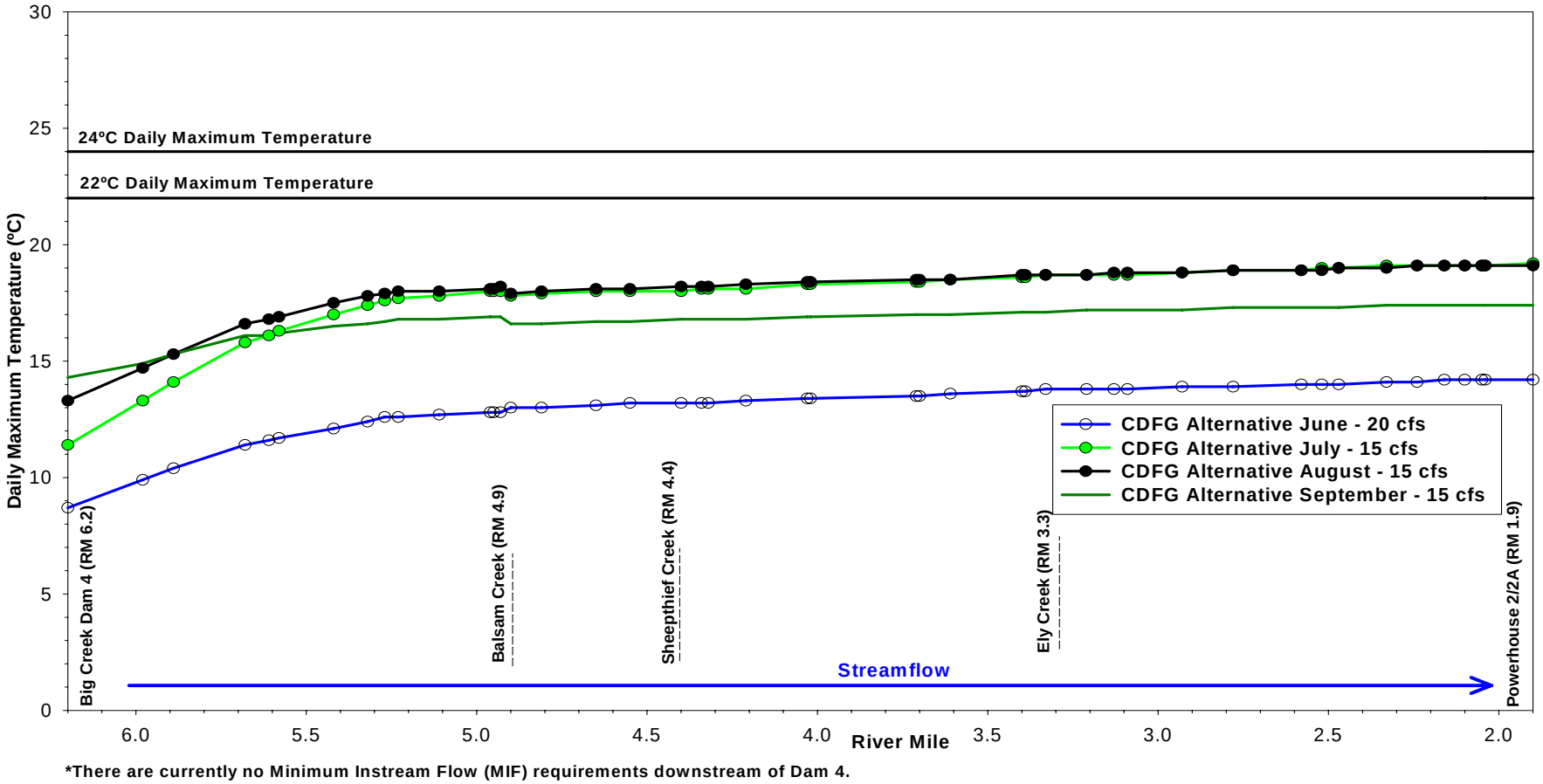
*Distances relative to the San Joaquin River (upstream)
** CDFG Alternative flow of 3 cfs was not modeled; CDFG Alternative flow is represented by the closest modeled flow of 3 cfs.

Attachment F-29. Rock Creek Simulated Daily Maximum Water Temperatures for CDFG Alternative for the Months of June, July and August in Above Normal Water Years with Normal Meteorology.



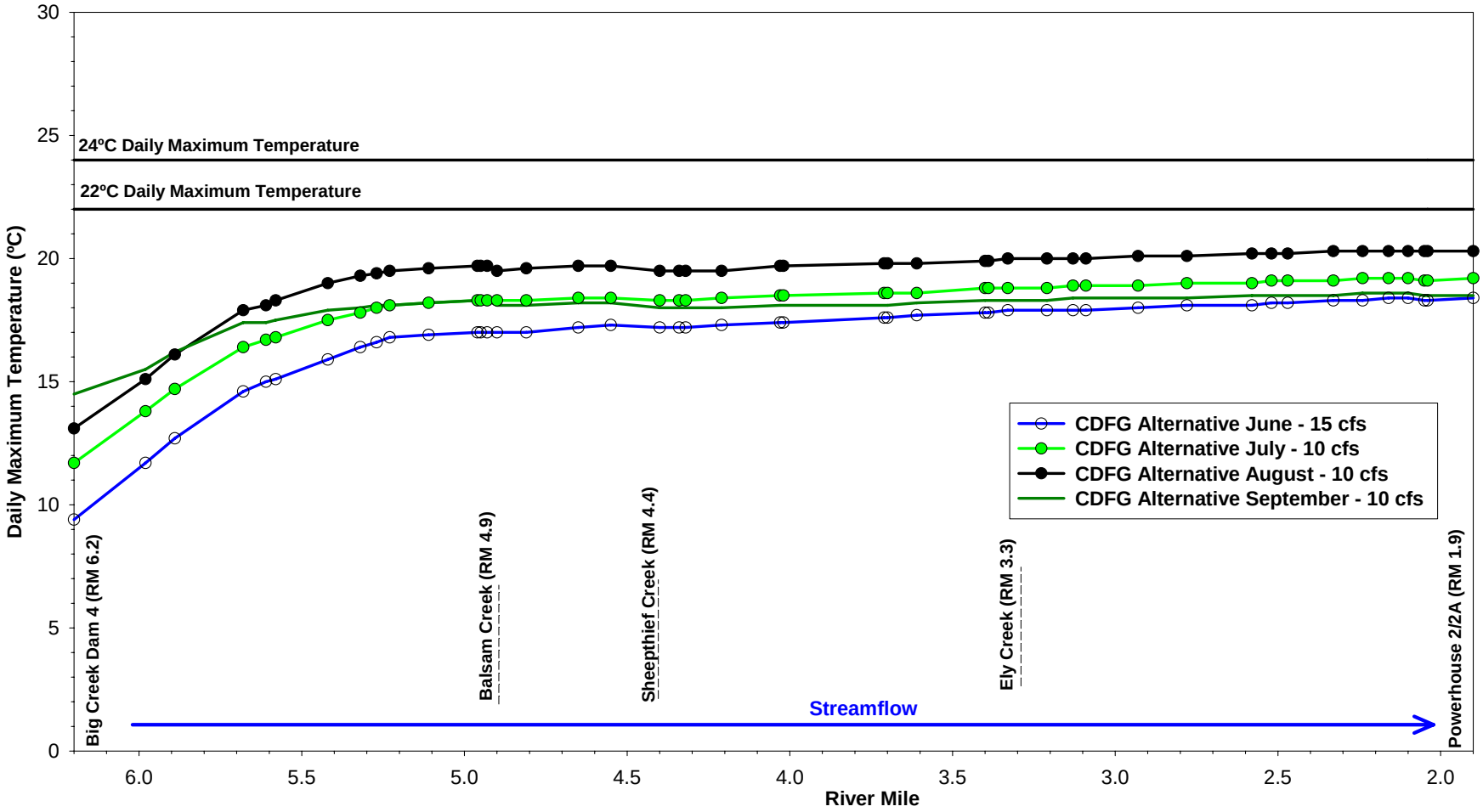
*Distances relative to the San Joaquin River (upstream)

Attachment F-30. Rock Creek Simulated Daily Maximum Water Temperatures for CDFG Alternative for the Months of June, July and August in Dry Water Years with Warm Meteorology.



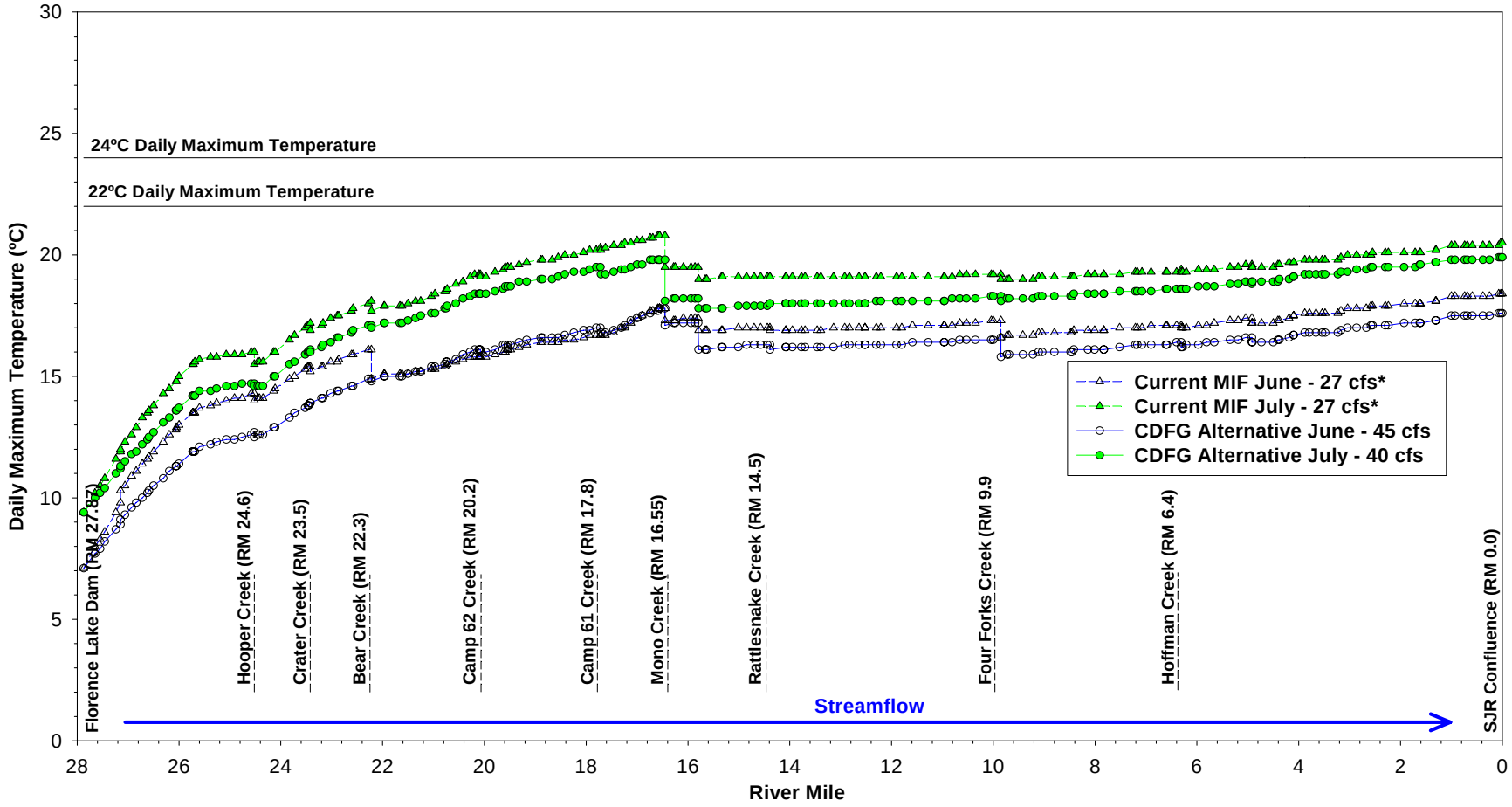
*There are currently no Minimum Instream Flow (MIF) requirements downstream of Dam 4.

Attachment F-31. Big Creek (Dam 4 to Dam 5) Simulated Daily Maximum Water Temperatures for CDFG Alternative for the Months of June, July, August and September in Above Normal Water Years with Normal Meteorology.



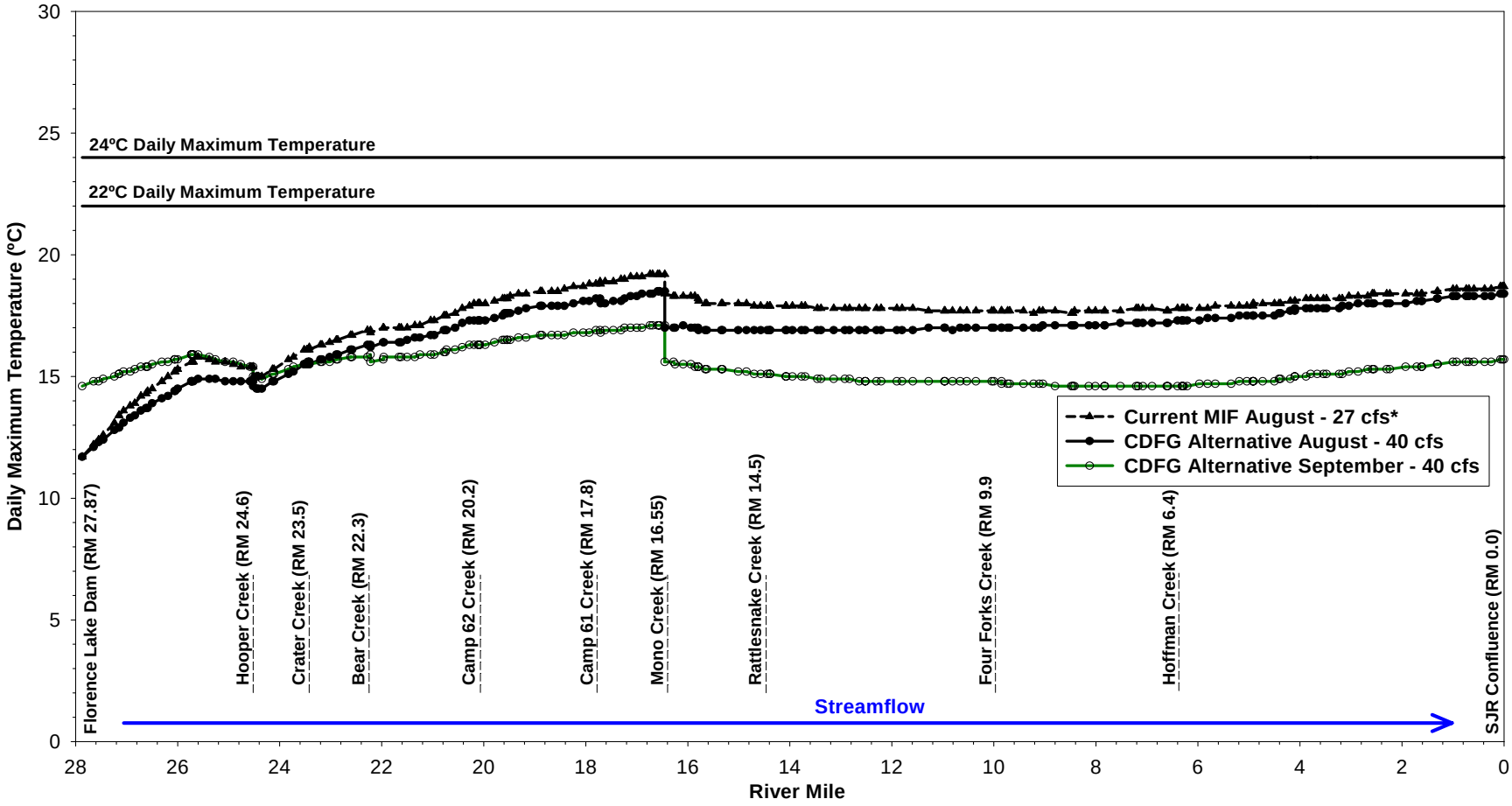
*There are currently no Minimum Instream Flow (MIF) requirements downstream of Dam 4.

Attachment F-32. Big Creek (Dam 4 to Dam 5) Simulated Daily Maximum Water Temperatures for CDFG Alternative for the Months of June, July, August and September in Dry Water Years with Warm Meteorology.



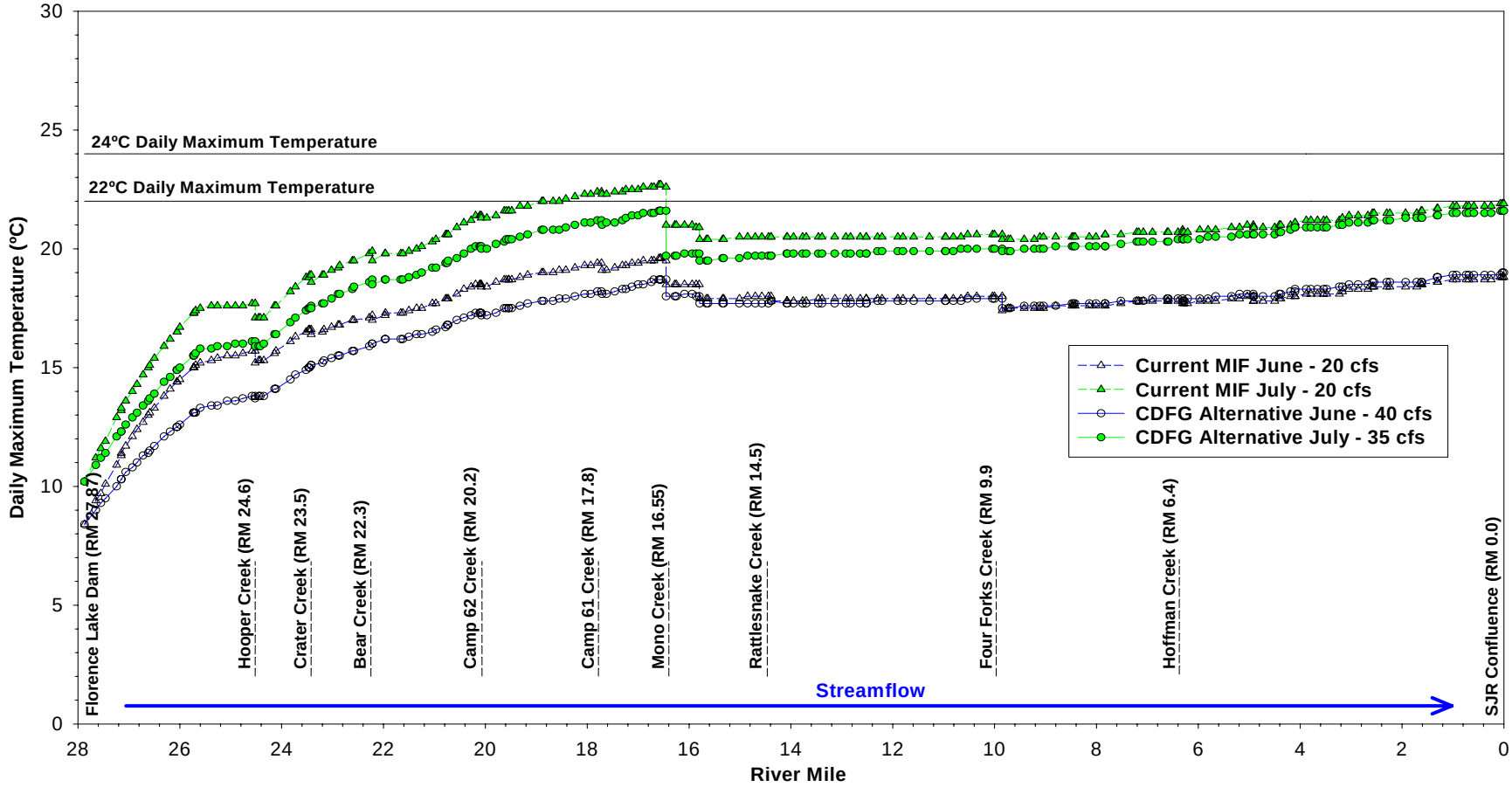
*** MIF of 27 cfs was not modeled; MIFs are represented by the closest modeled flow of 25 cfs.**

Attachment F-33. South Fork San Joaquin River Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.

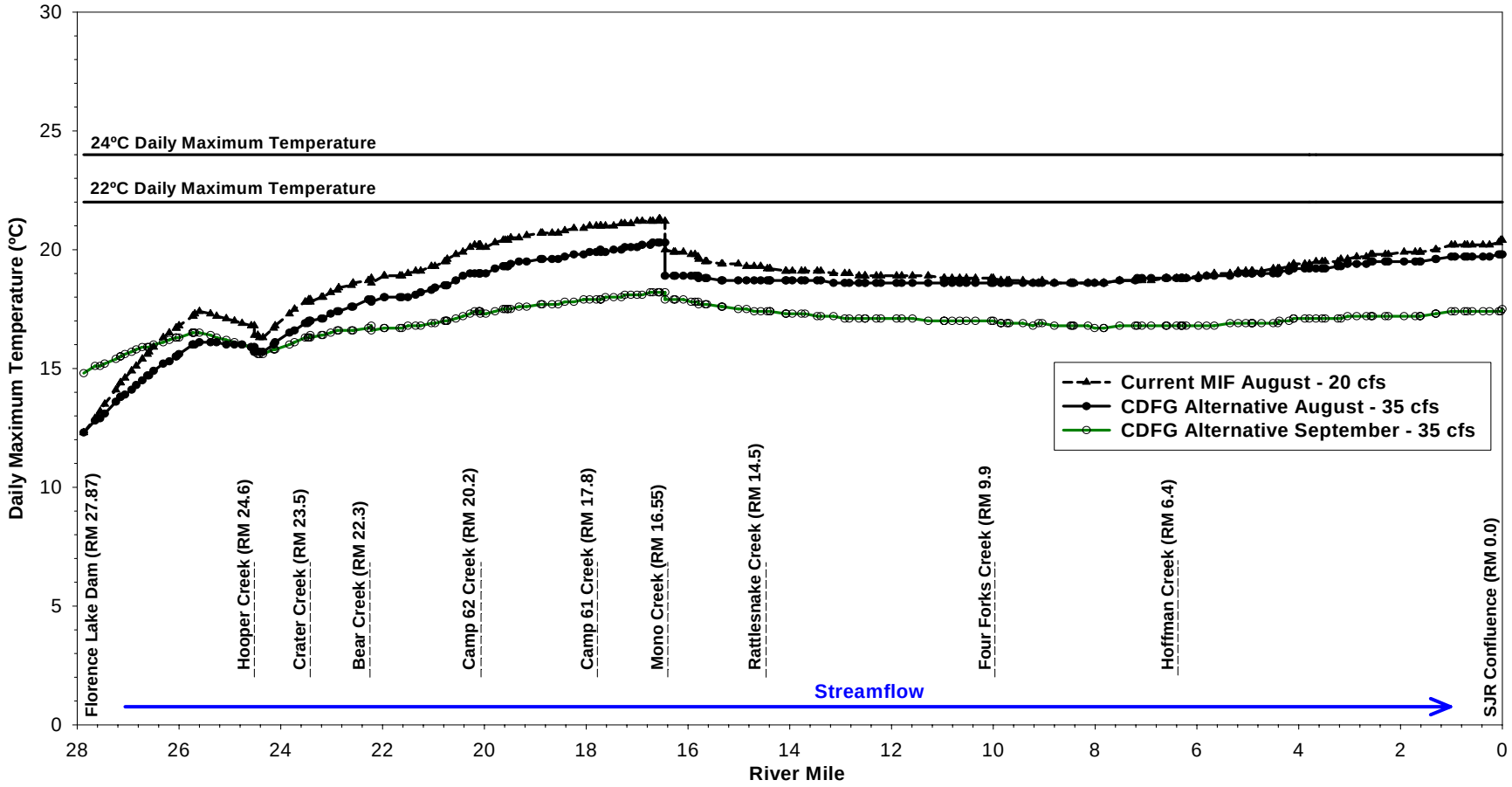


*** MIF of 27 cfs was not modeled; MIFs are represented by the closest modeled flow of 25 cfs.**

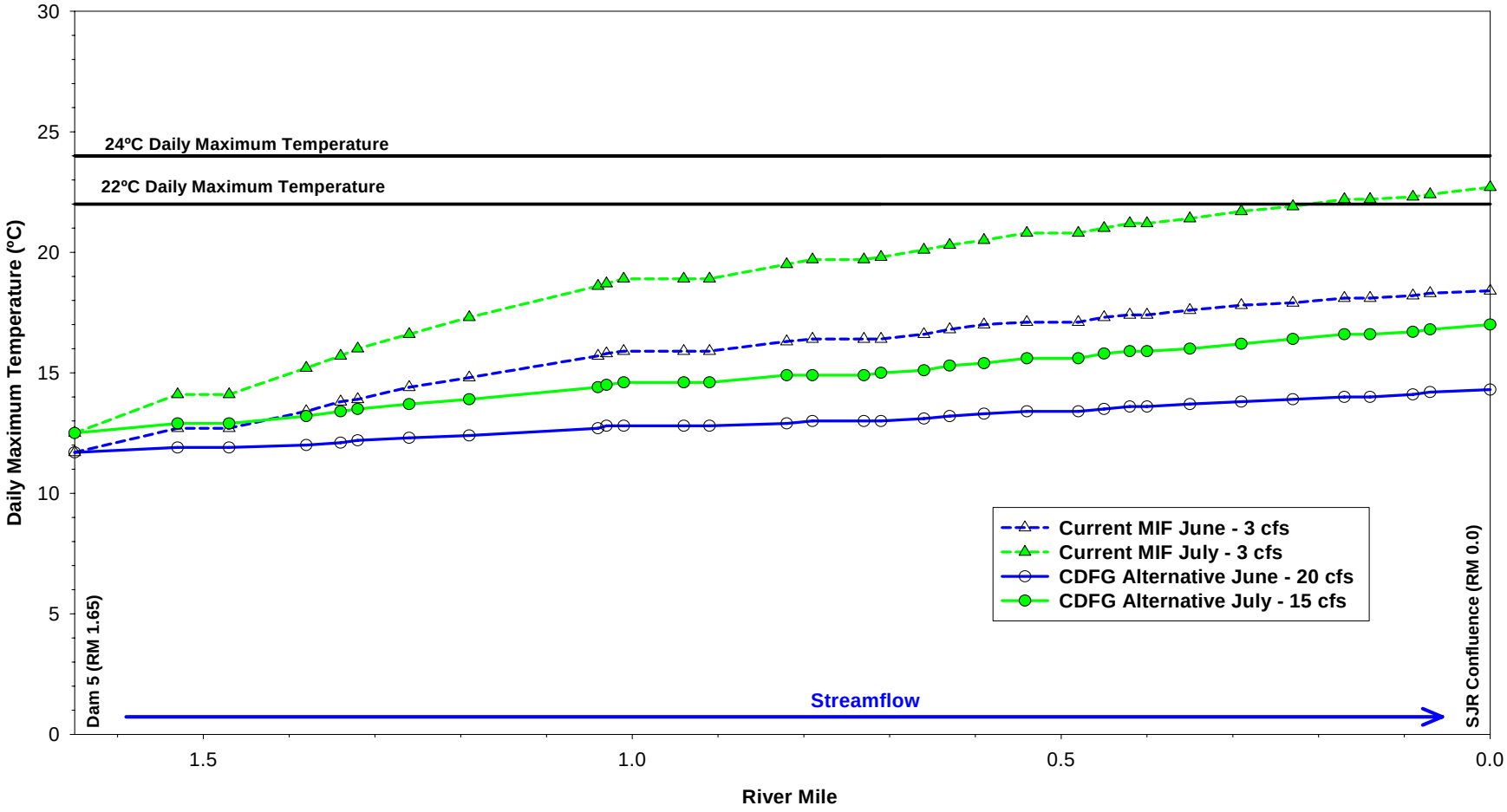
Attachment F-34. South Fork San Joaquin River Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Months of August and September in Above Normal Water Years with Normal Meteorology.



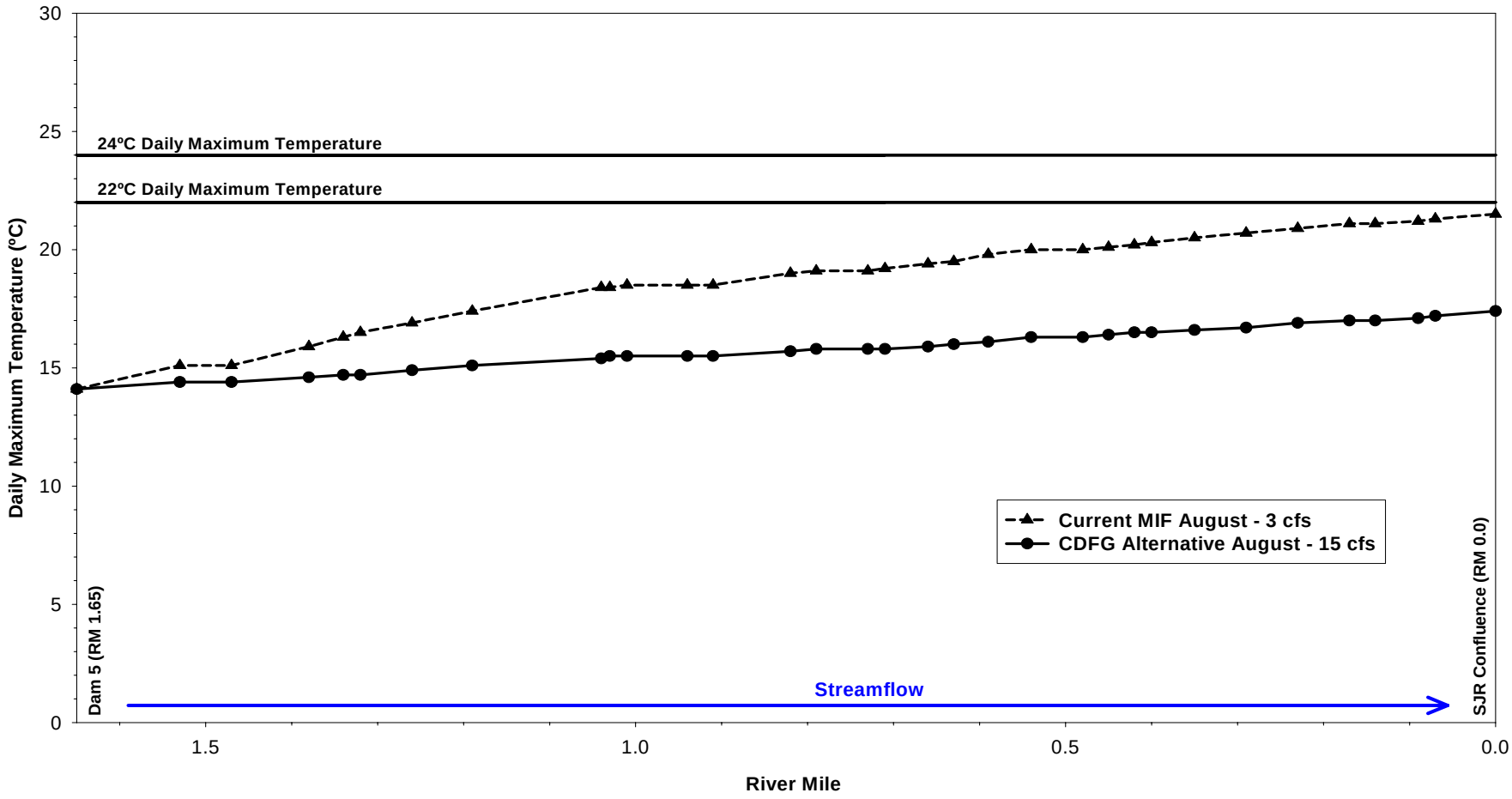
Attachment F-35. South Fork San Joaquin River Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.



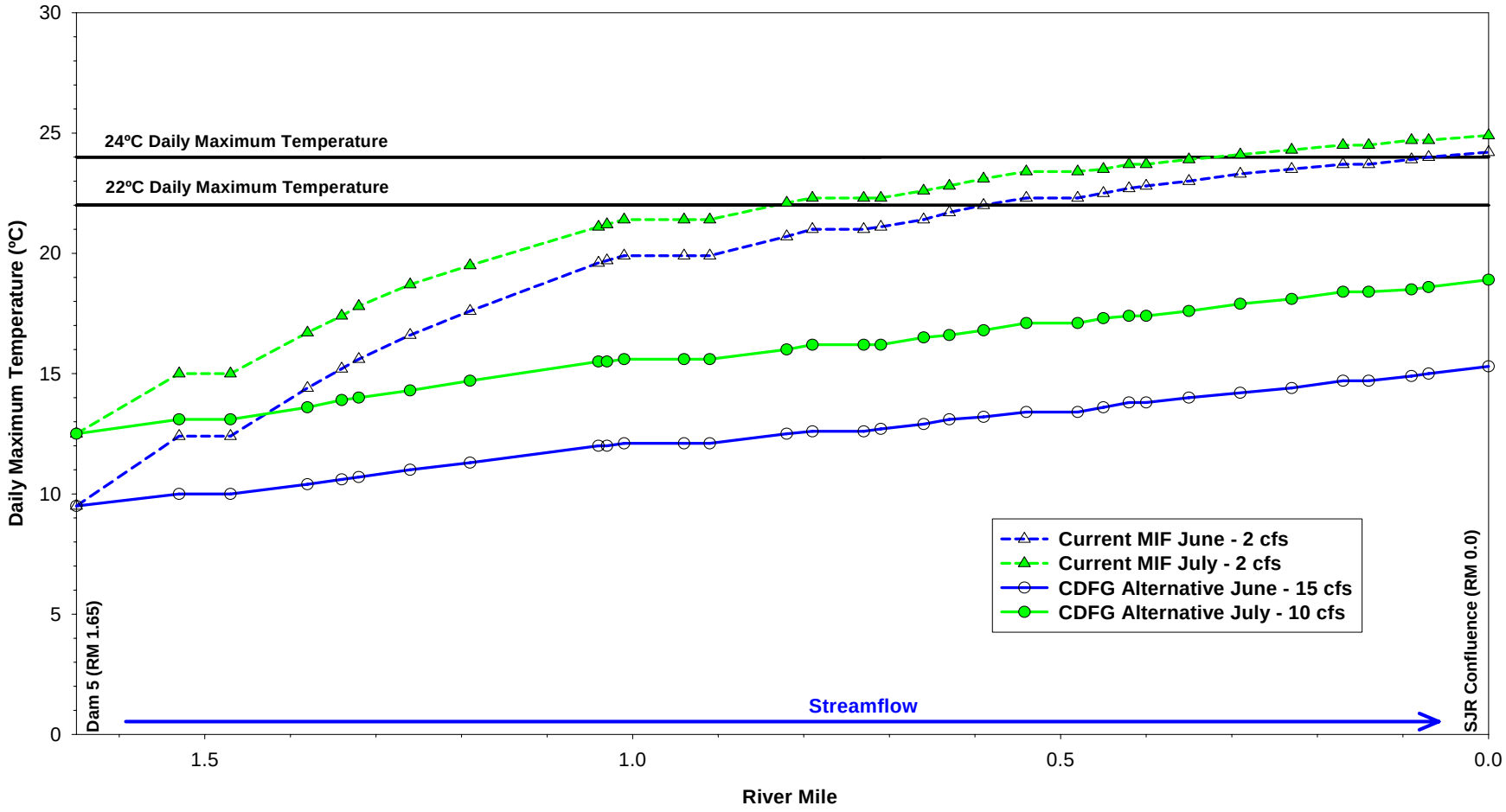
Attachment F-36. South Fork San Joaquin River Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Months of August and September in Dry Water Years with Warm Meteorology.



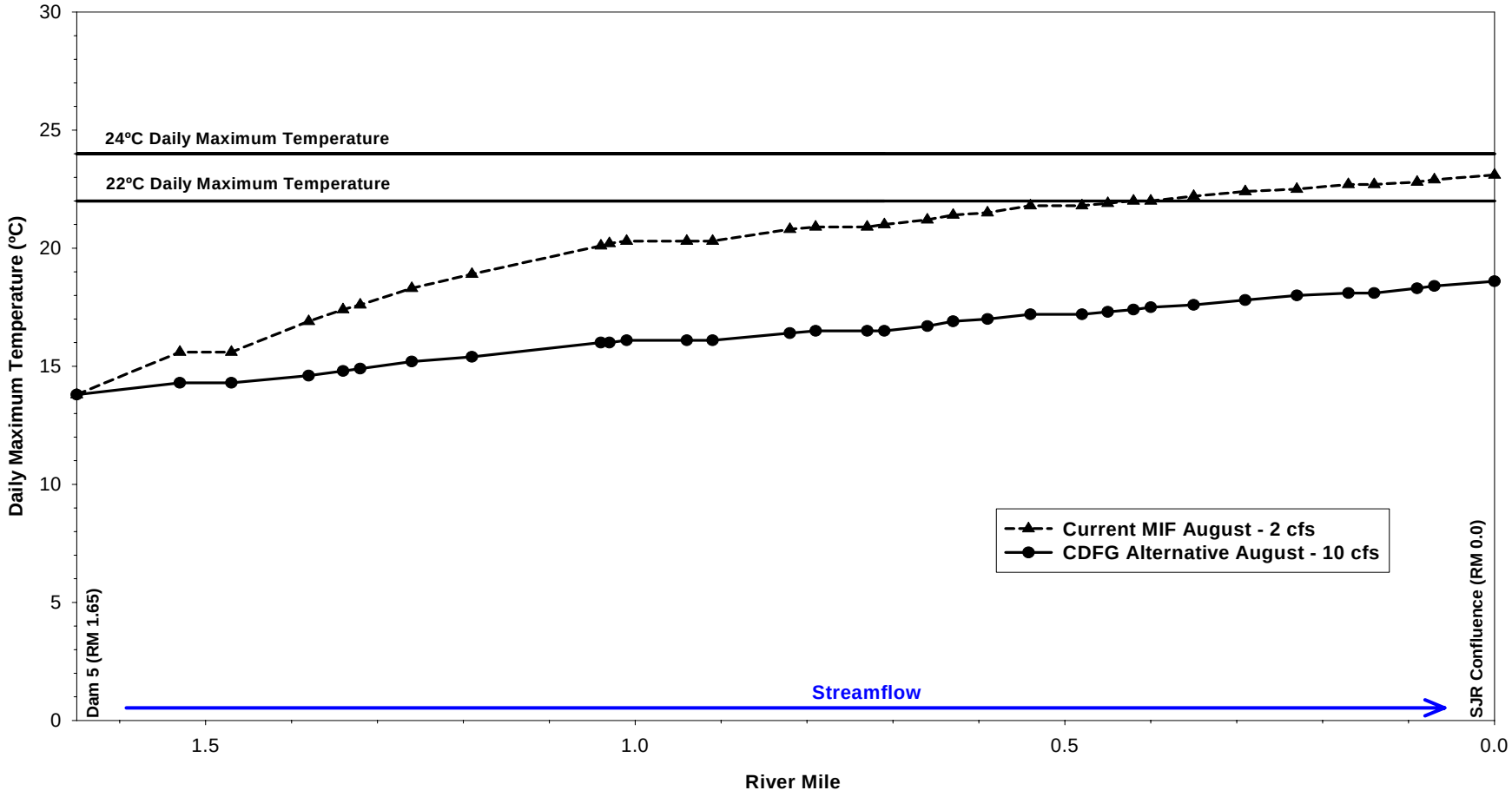
Attachment F-37. Big Creek (Dam 5 to San Joaquin River) Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.



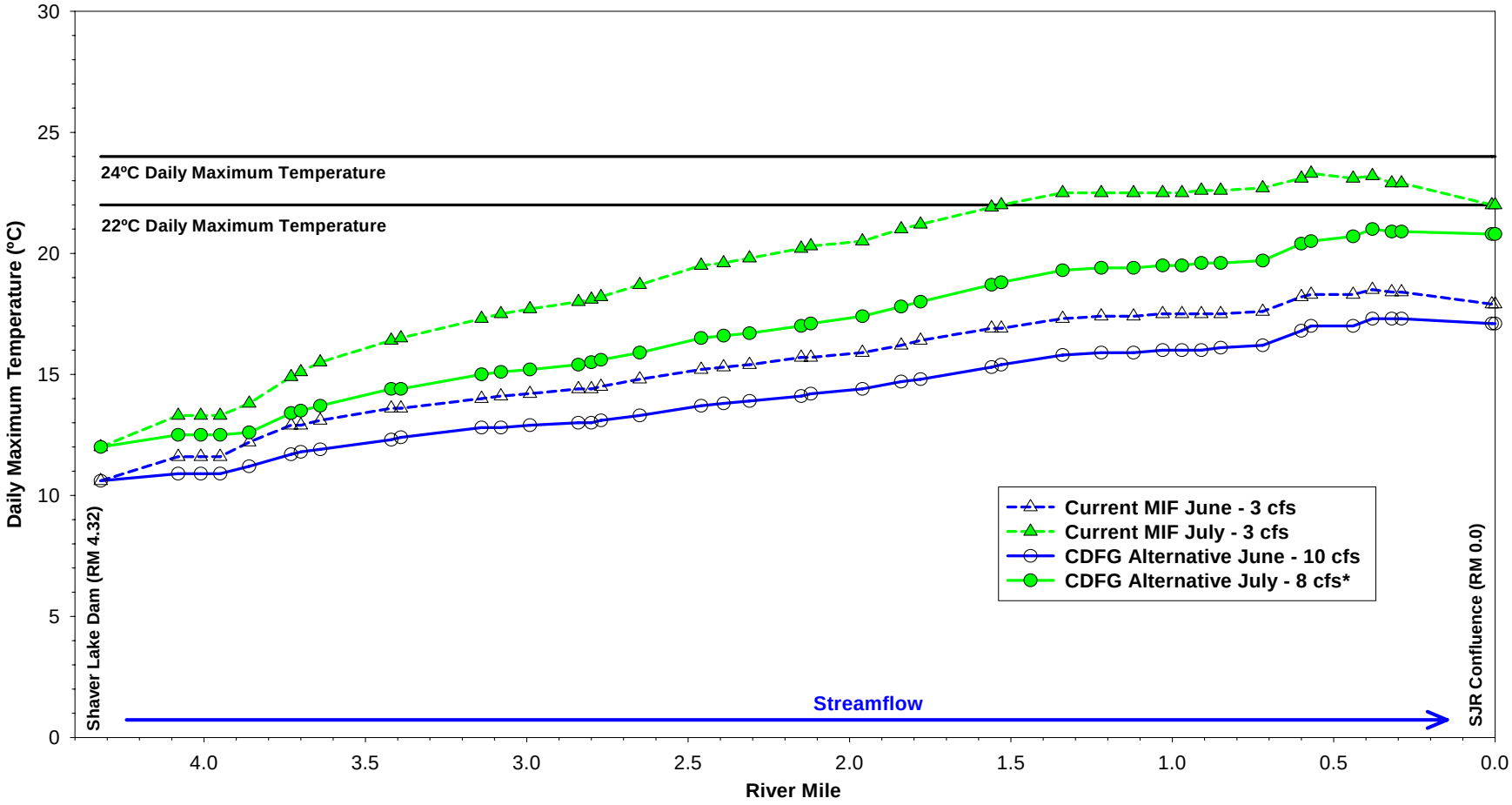
Attachment F-38. Big Creek (Dam 5 to San Joaquin River) Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Month of August in Above Normal Water Years with Normal Meteorology.



Attachment F-39. Big Creek (Dam 5 to San Joaquin River) Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.

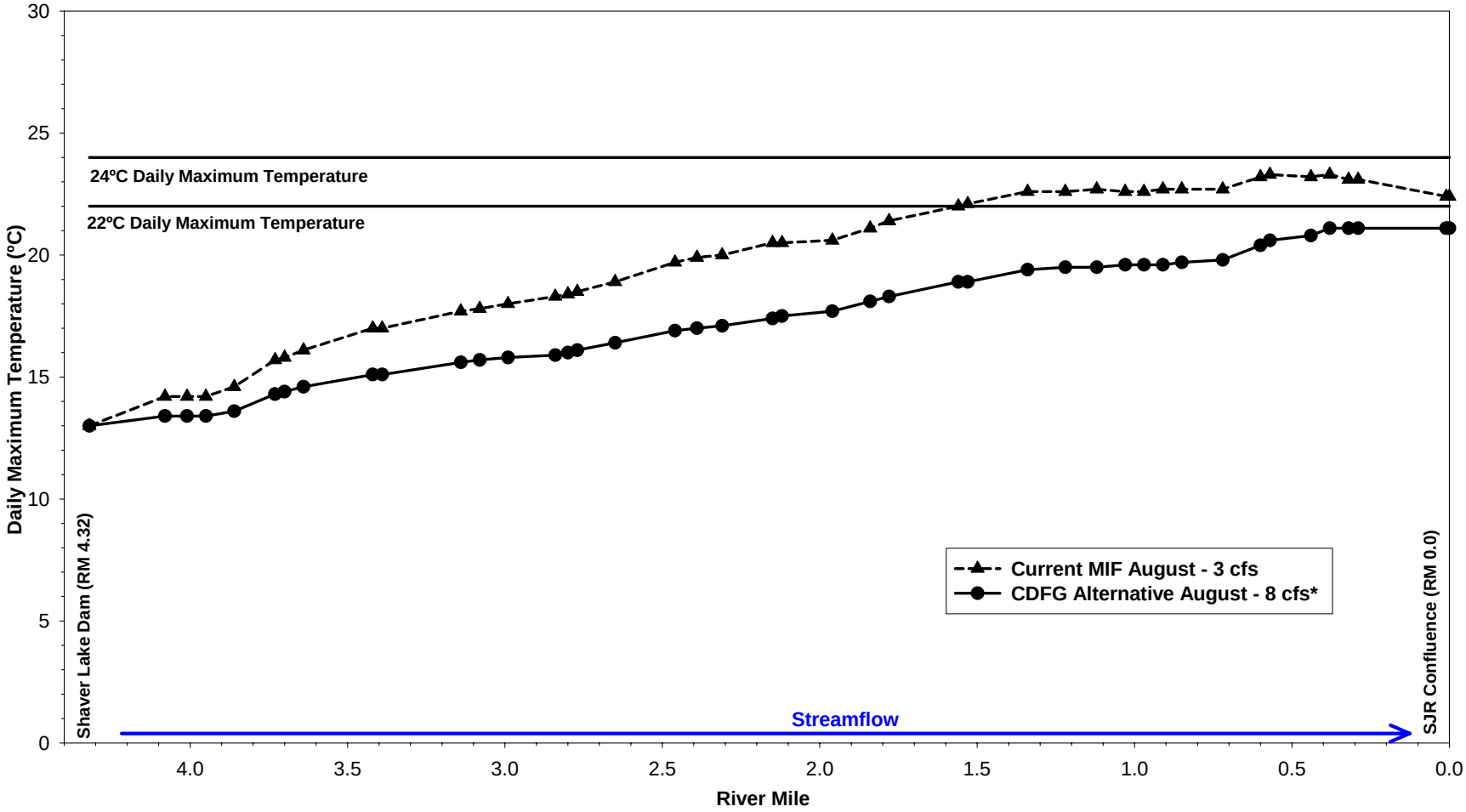


Attachment F-40. Big Creek (Dam 5 to San Joaquin River) Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Month of August in Dry Water Years with Warm Meteorology.



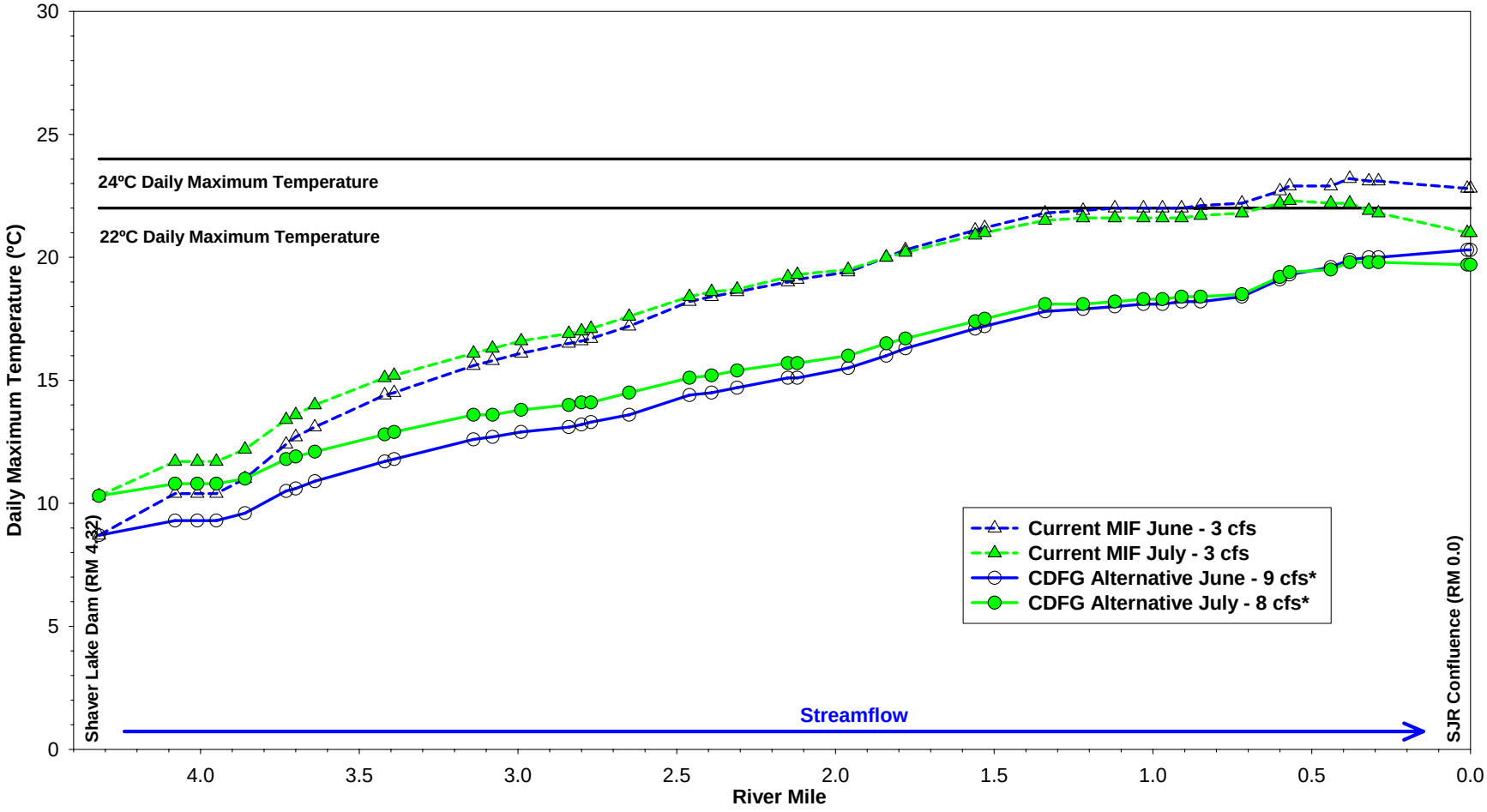
*** CDFG Alternative flow of 8 cfs was not modeled; CDFG Alternative flow is represented by the closest modeled flow of 10 cfs.**

Attachment F-41. Stevenson Creek Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.



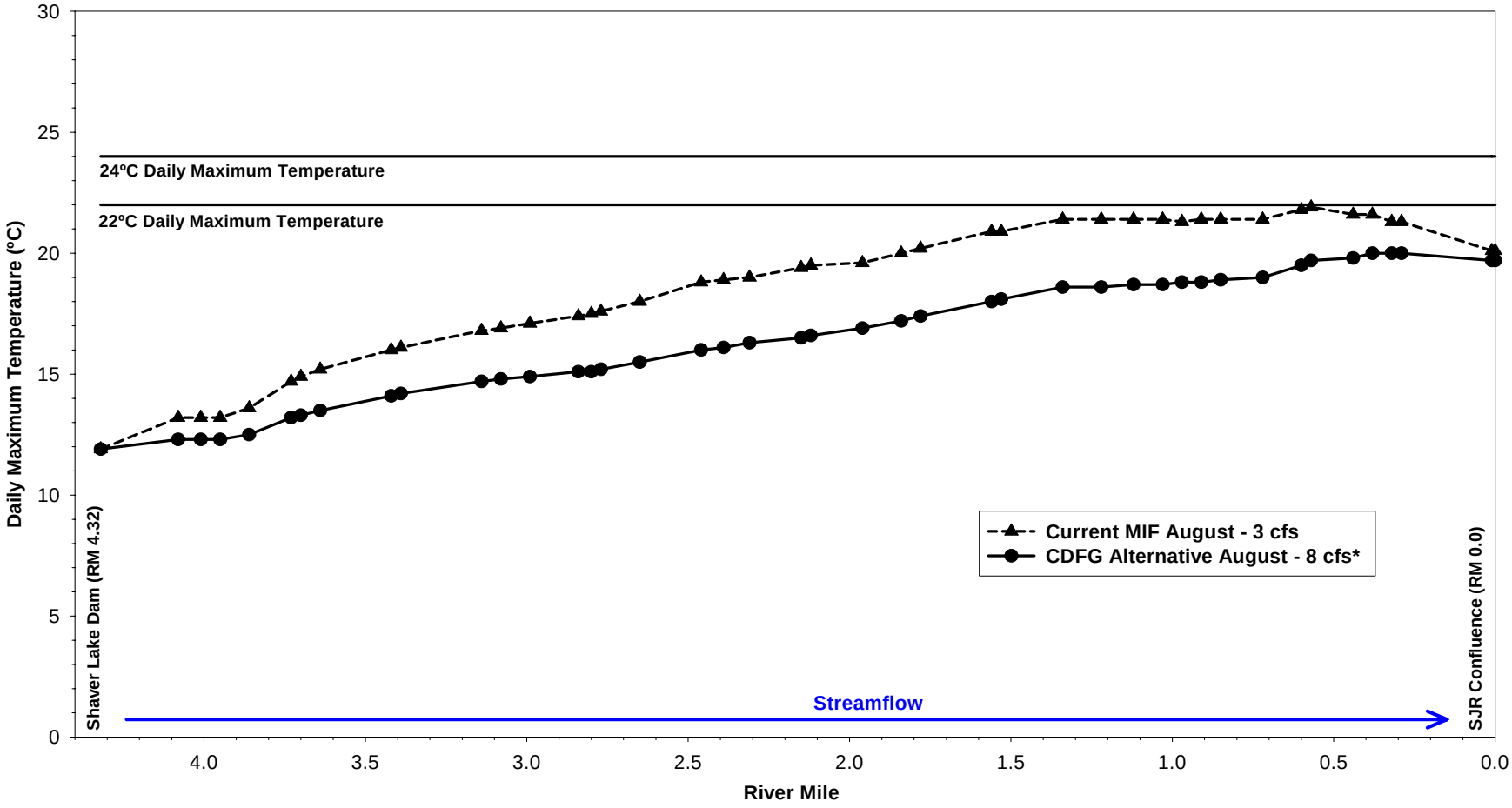
*CDFG Alternative flow of 8 cfs was not modeled; CDFG Alternative flow is represented by the closest modeled flow of 10 cfs.

Attachment F-42. Stevenson Creek Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Month of August in Above Normal Water Years with Normal Meteorology.



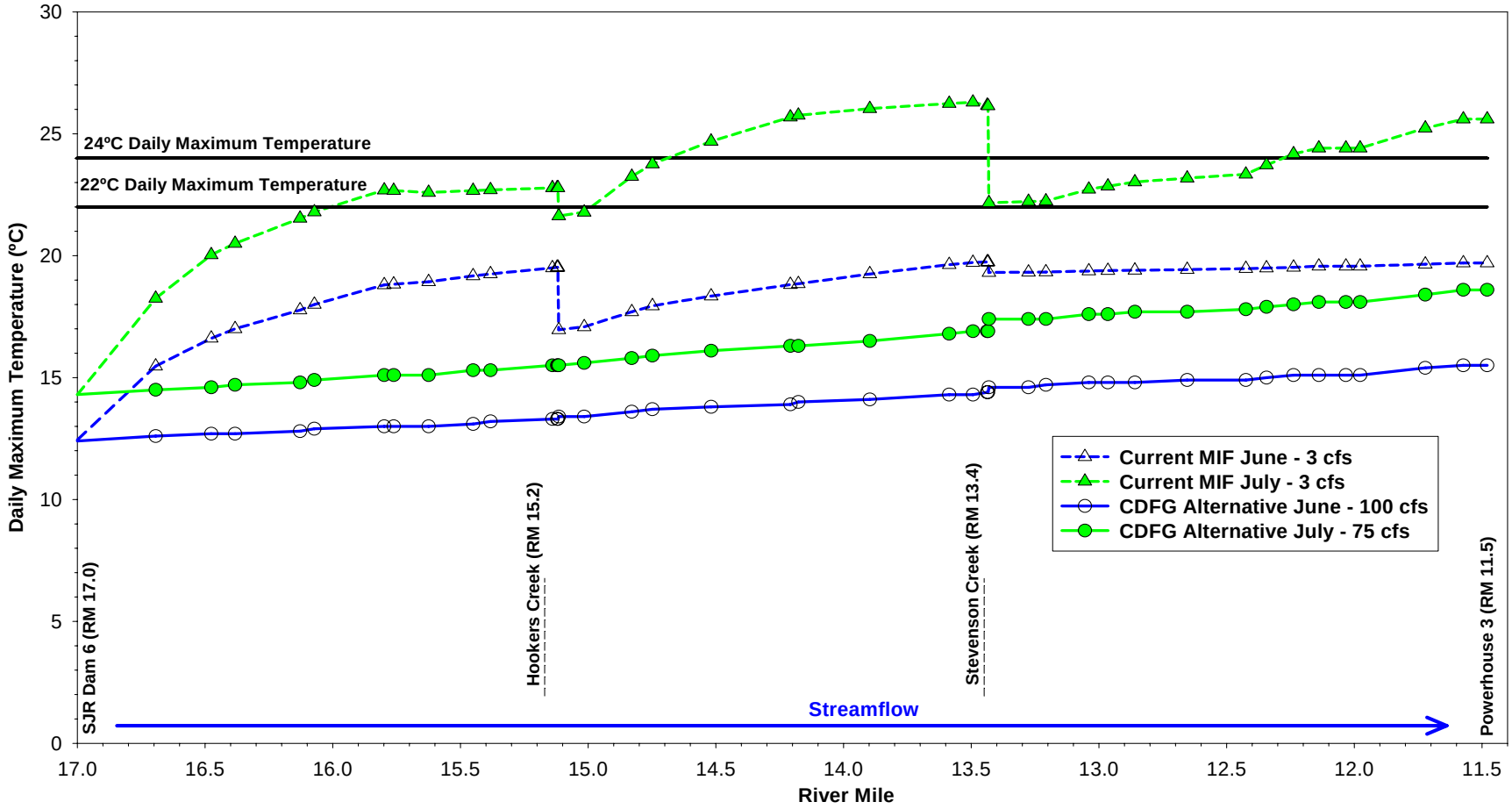
*** CDFG flows of 8 and 9 cfs were not modeled; These flows are represented by the closest modeled flow of 10 cfs.**

Attachment F-43. Stevenson Creek Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.



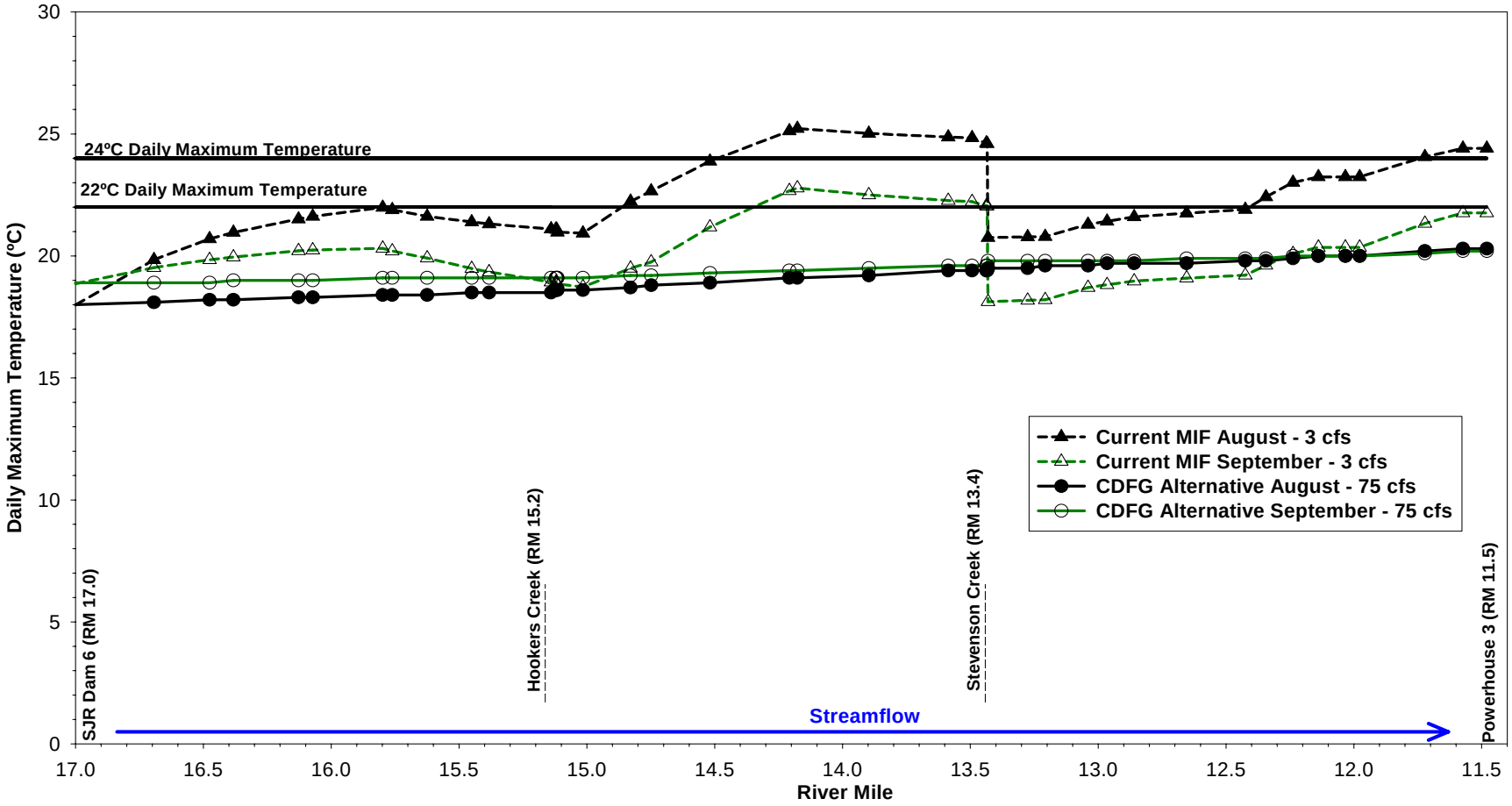
*** CDFG Alternative flow of 8 cfs was not modeled; CDFG Alternative flow is represented by the closest modeled flow of 10 cfs.**

Attachment F-44. Stevenson Creek Simulated Daily Maximum Water Temperatures for CDFG Alternative and Minimum Instream Flows (MIF) for the Month of August in Dry Water Years with Warm Meteorology.



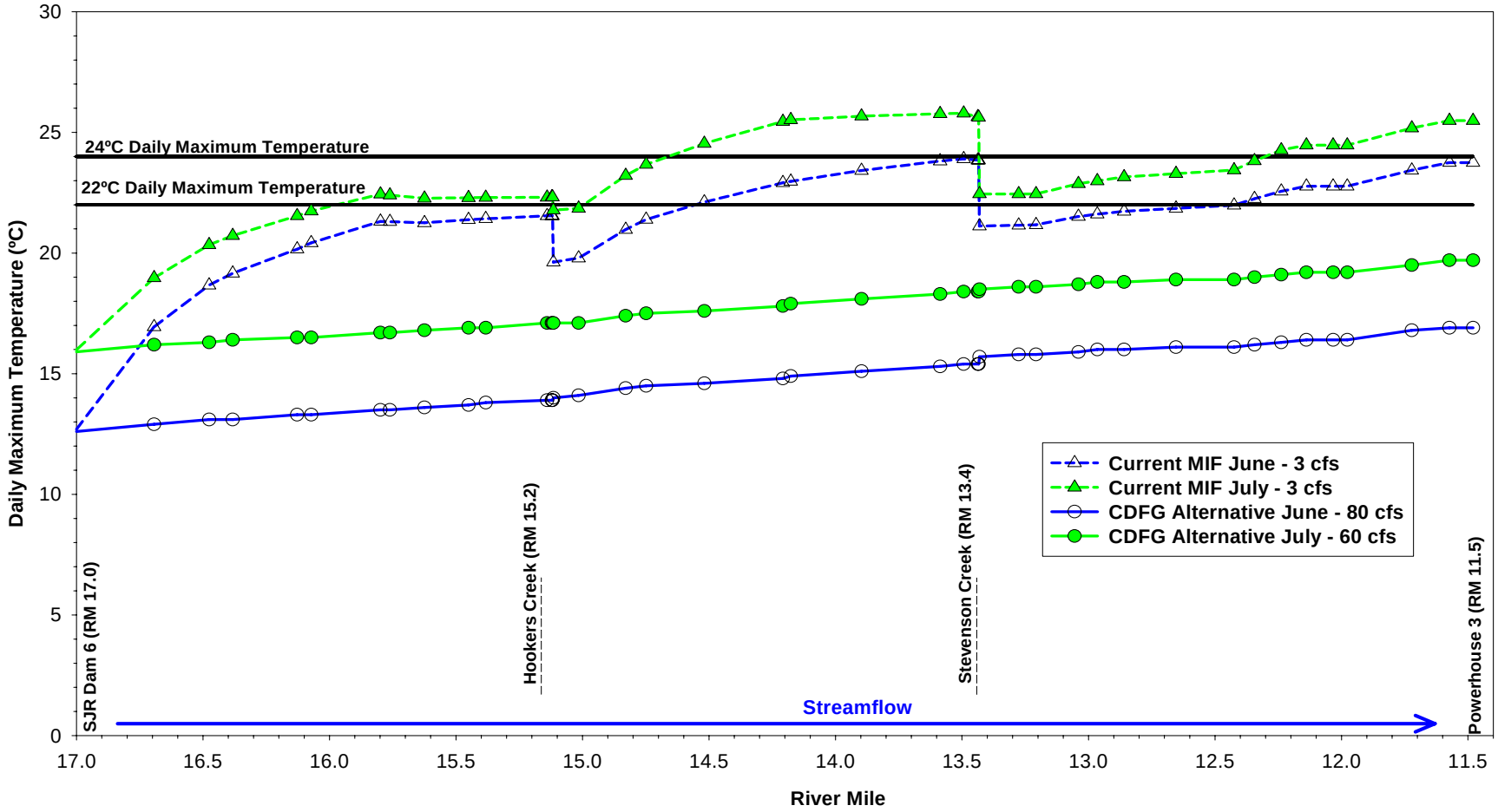
* Proposed flow released from Dam 6. Model includes proposed flow from Dam 6 and Stevenson Creek.

Attachment F-45. San Joaquin River Stevenson Reach Simulated Daily Maximum Water Temperatures for CDFG Alternative and Current Minimum Instream Flows (MIF) for the Months of June and July in Above Normal Water Years with Normal Meteorology.



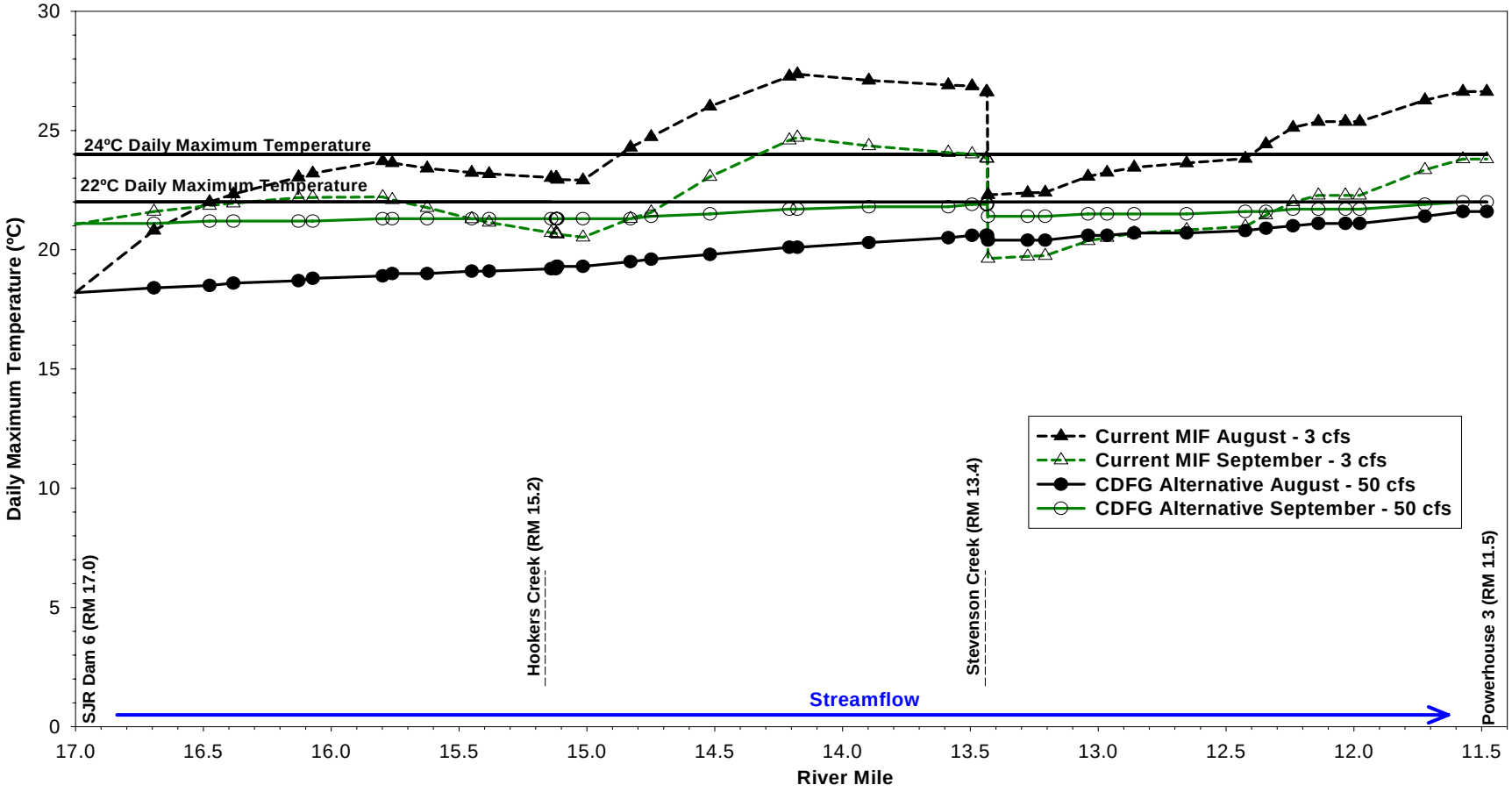
* Proposed flow released from Dam 6. Model includes proposed flow from Dam 6 and Stevenson Creek.

Attachment F-46. San Joaquin River Stevenson Reach Simulated Daily Maximum Water Temperatures for CDFG Alternative and Current Minimum Instream Flows (MIF) for the Months of August and September in Above Normal Water Years with Normal Meteorology.



* Proposed flow released from Dam 6. Model includes proposed flow from Dam 6 and Stevenson Creek.

Attachment F-47. San Joaquin River Stevenson Reach Simulated Daily Maximum Water Temperatures for CDFG Alternative and Current Minimum Instream Flows (MIF) for the Months of June and July in Dry Water Years with Warm Meteorology.



* Proposed flow released from Dam 6. Model includes proposed flow from Dam 6 and Stevenson Creek.

Attachment F-48. San Joaquin River Stevenson Reach Simulated Daily Maximum Water Temperatures for CDFG Alternative and Current Minimum Instream Flows (MIF) for the Months of August and September in Dry Water Years with Warm Meteorology.