



Tri-Basin Groundwater Update

Spring 2024 Statistics

Republican Basin

104 wells measured

Static decreased from 2023:	73	70%
Static increased from 2023:	31	30%

Average: -0.21'

Spring 2024 Statistics

Platte Basin

85 wells measured

Static decreased from 2023:	55	65%
Static increased from 2023:	29	34%

*One neutral well

Average: -0.29'

Spring 2024 Statistics

Little Blue Basin

34 wells measured

Static decreased from 2023: 34 100%

-0.59' (min) -2.27' (max)

Average: -1.54'

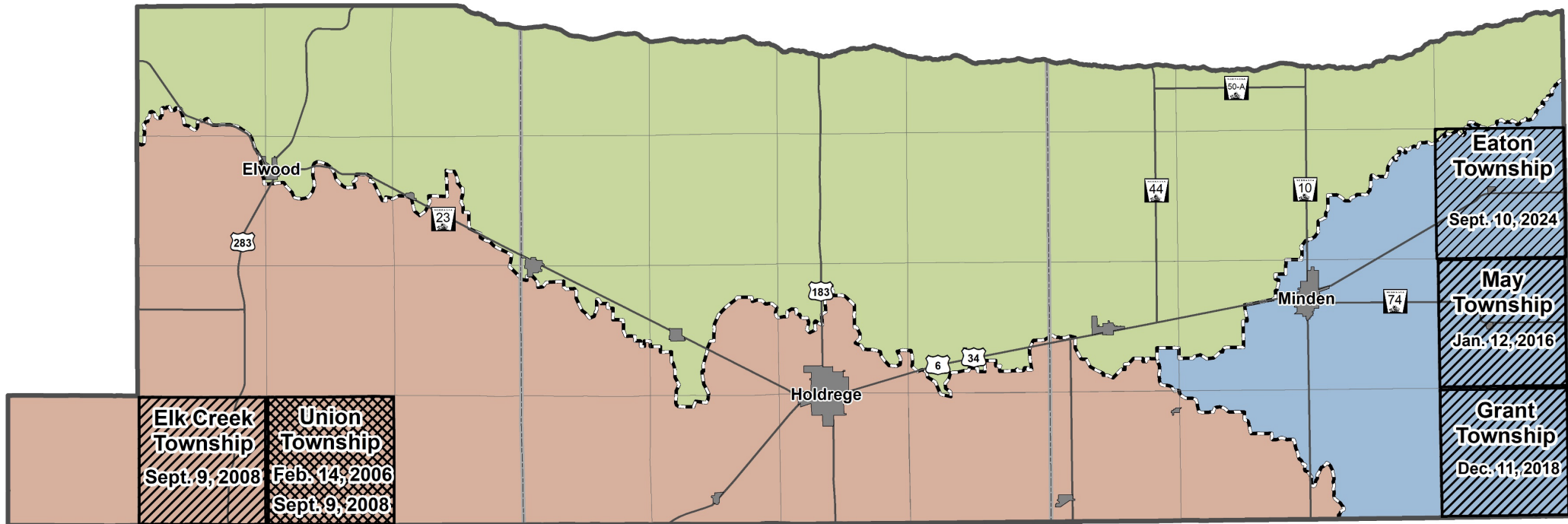
Annual Basin Comparison Spring'23 – Spring'24

- Republican: -0.21'
- Platte: -0.29'
- Little Blue: -1.54'

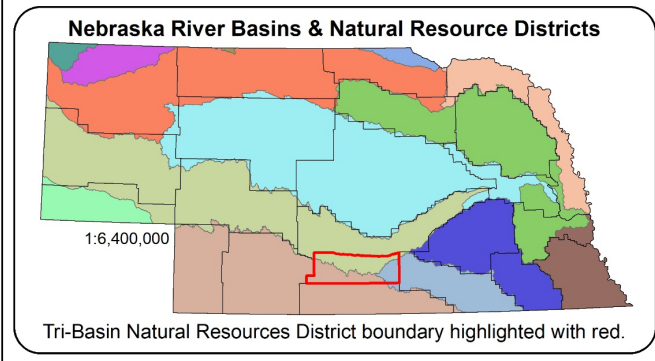
- District Average: -0.43'

Tri-Basin Natural Resources District

Groundwater Quantity Management Phase Implementation



Scale = 1:290,000

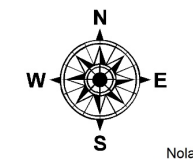


- District Boundary
- Community
- Highway
- County
- Township

- Groundwater Quantity Management**
- Phase II
 - Phase III

- River Basin**
- Republican
 - Little Blue
 - Platte

*The entire district is regulated under Phase I regulations.



Nolan Little
January 2025
Tri-Basin Natural Resources District

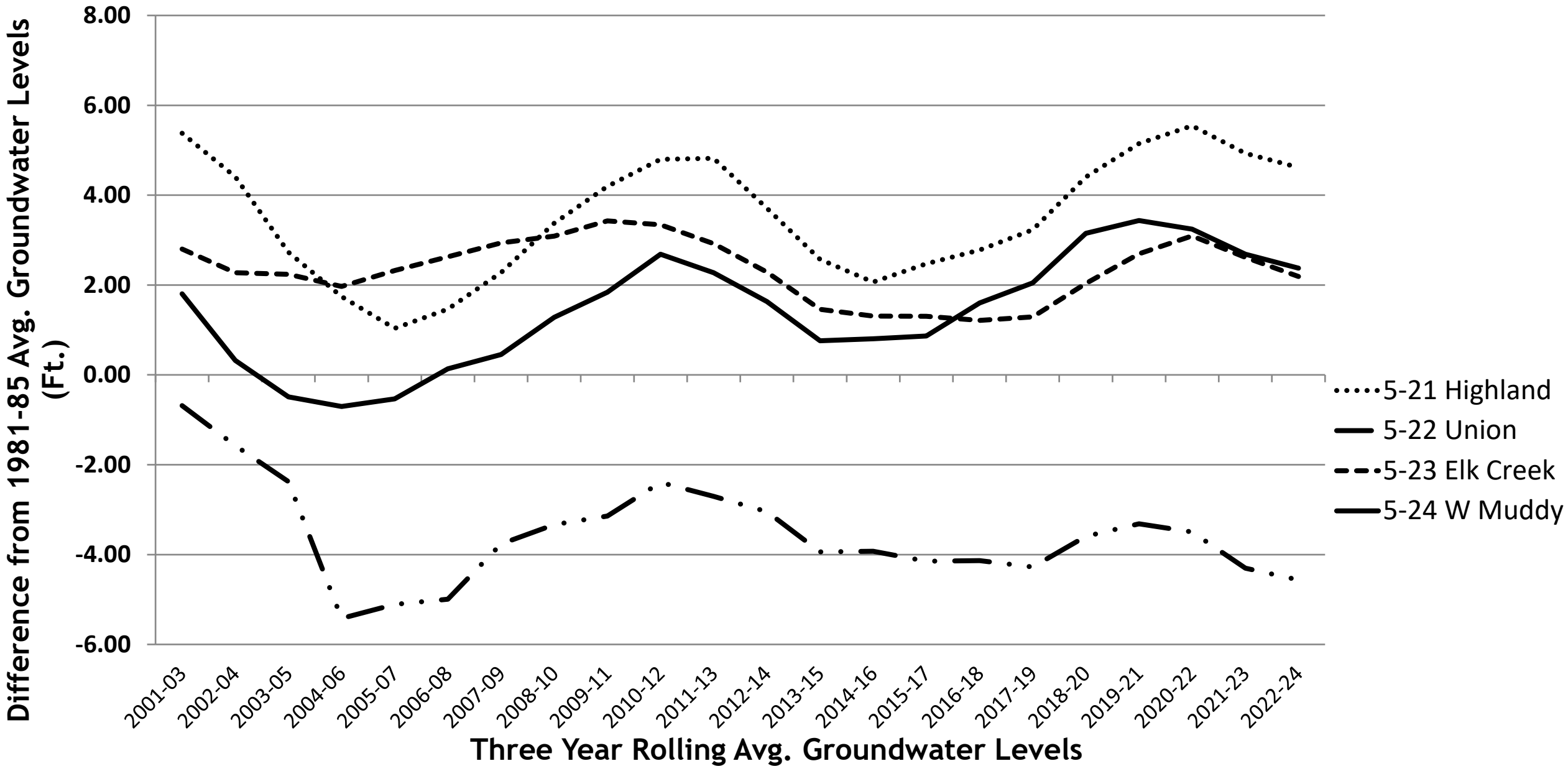


Southern Gosper County

	'22-'24 Rolling Average	Change from '21-'23
• Highland (5-21)	4.62'	-0.31'
• Union (5-22)	-4.56'	-0.26'
• Elk Creek (5-23)	2.19'	-0.43'
• West Muddy (5-24)	2.37'	-0.32'

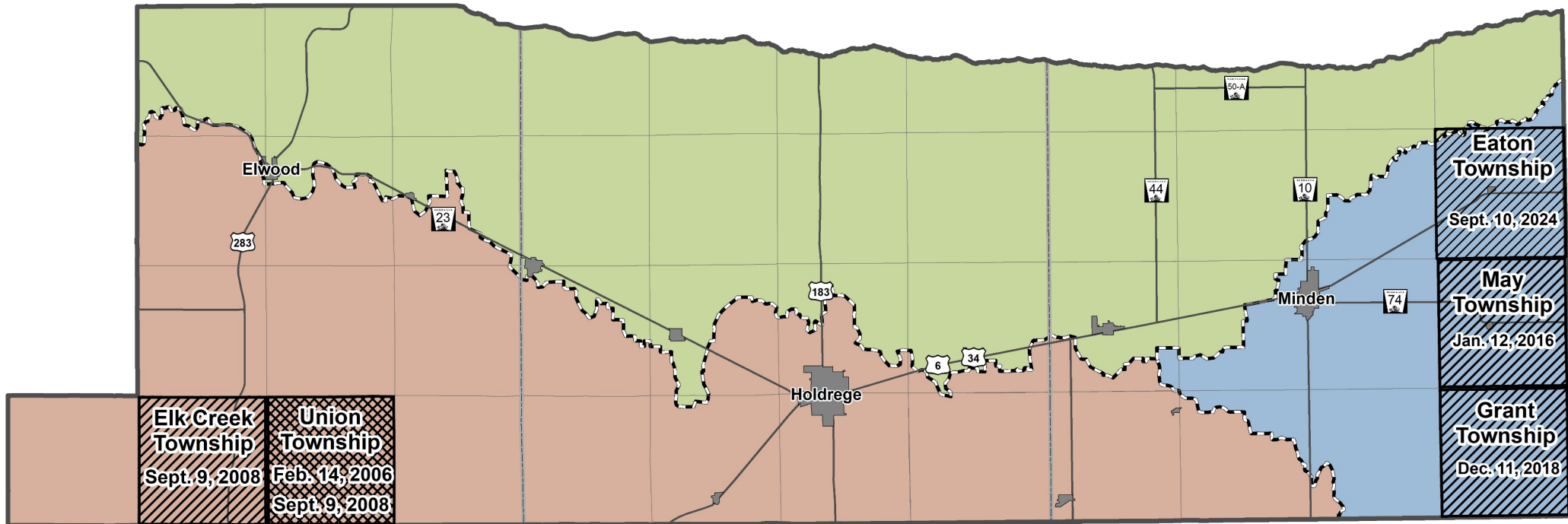


Tri-Basin NRD Southern Gosper County Water Level Changes



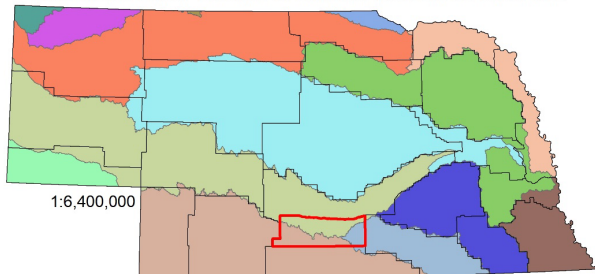
Tri-Basin Natural Resources District

Groundwater Quantity Management Phase Implementation



Scale = 1:290,000

Nebraska River Basins & Natural Resource Districts



Tri-Basin Natural Resources District boundary highlighted with red.

- District Boundary
- Community
- Highway
- County
- Township

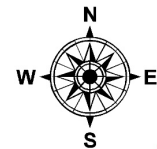
Groundwater Quantity Management

- Phase II
- Phase III

River Basin

- Republican
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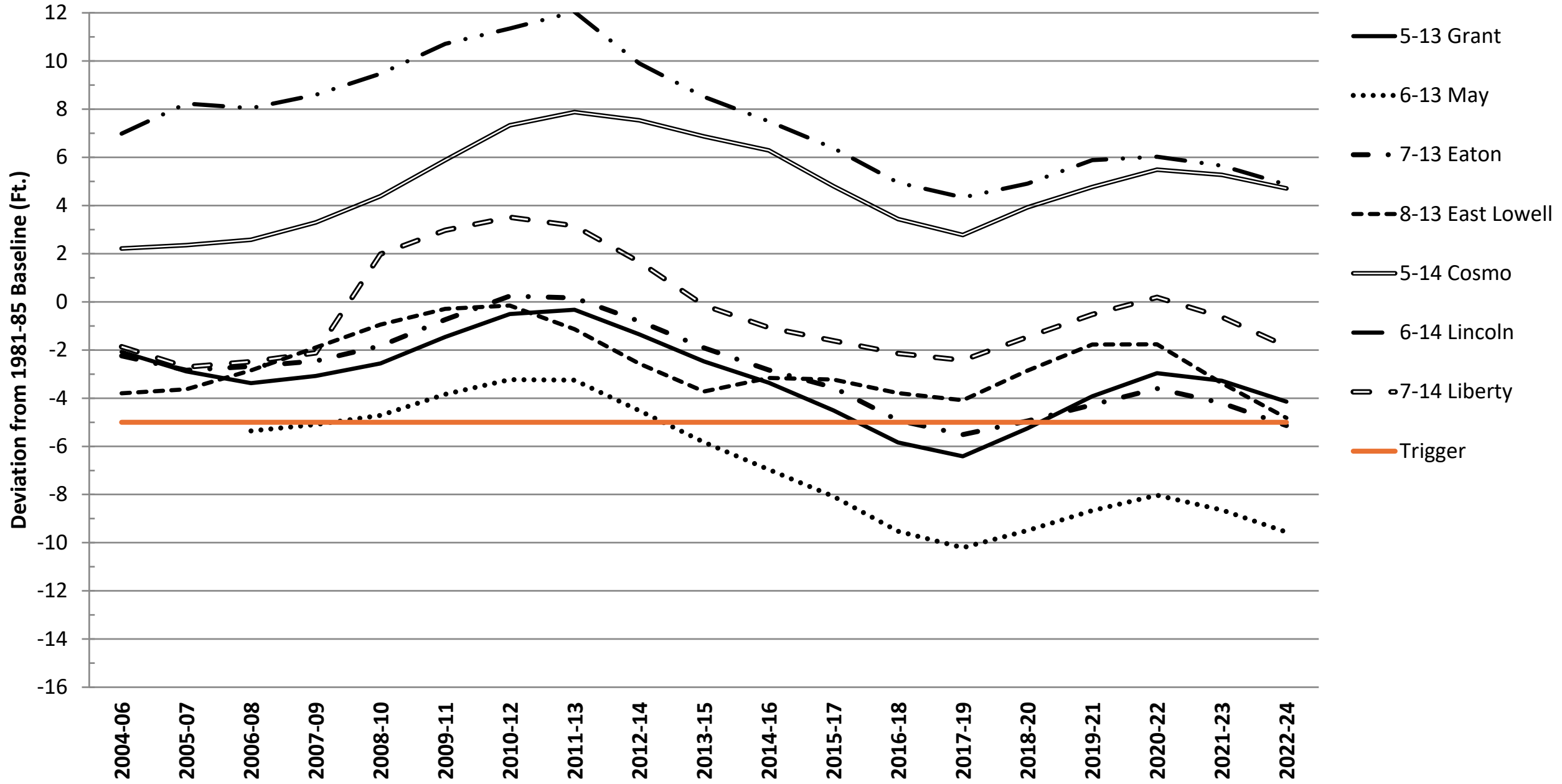


Eastern Kearney County

	'22-'24 Rolling Average	Change from '21-'23
• Grant (5-13)	-4.14'	-0.87'
• May (6-13)	-9.56'	-0.92'
• Eaton (7-13)	-5.14'	-0.94'
• Cosmo (5-14)	4.71'	-0.56'
• Lincoln (6-14)	4.87'	-0.78'
• Liberty (7-14)	-1.85'	-1.22'

Tri-Basin NRD

Eastern Kearney County Groundwater Levels



Tri-Basin NRD

Eastern Kearney County Groundwater Levels



Eastern Kearney County

	2024 Rolling Average	Phase III Trigger
• Grant (5-13)	-4.14'	-10.3'
• May (6-13)	-9.56'	-13.9'
• Eaton (7-13)	-5.14'	-12.9'
• Cosmo (5-14)	4.71'	-10.9'
• Lincoln (6-14)	4.87'	-10.8'
• Liberty (7-14)	-1.85'	-13.8'