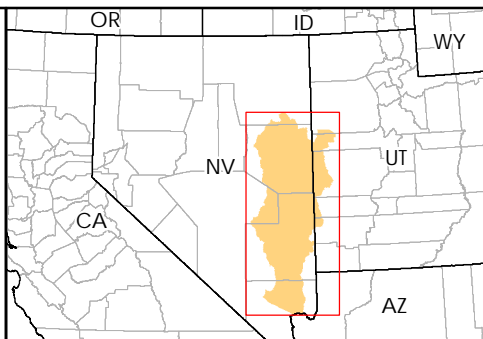
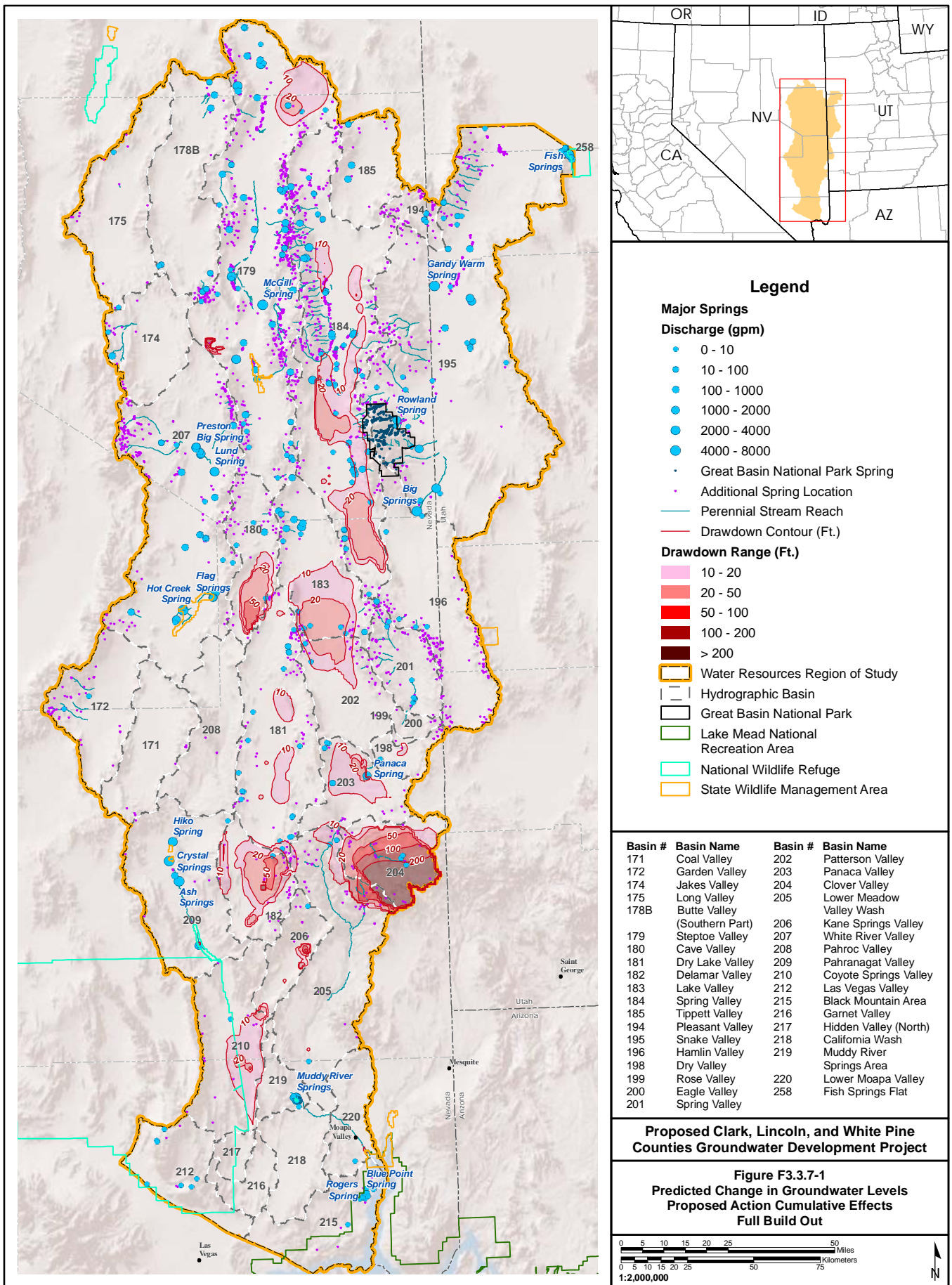


F3.3.7

Predicted Change in Groundwater Levels

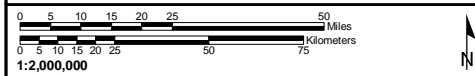


- ### Legend
- Major Springs**
- Discharge (gpm)**
- 0 - 10
 - 10 - 100
 - 100 - 1000
 - 1000 - 2000
 - 2000 - 4000
 - 4000 - 8000
 - Great Basin National Park Spring
 - Additional Spring Location
- Perennial Stream Reach
- Drawdown Contour (Ft.)
- Drawdown Range (Ft.)**
- 10 - 20
 - 20 - 50
 - 50 - 100
 - 100 - 200
 - > 200
- Water Resources Region of Study
 - Hydrographic Basin
 - Great Basin National Park
 - Lake Mead National Recreation Area
 - National Wildlife Refuge
 - State Wildlife Management Area

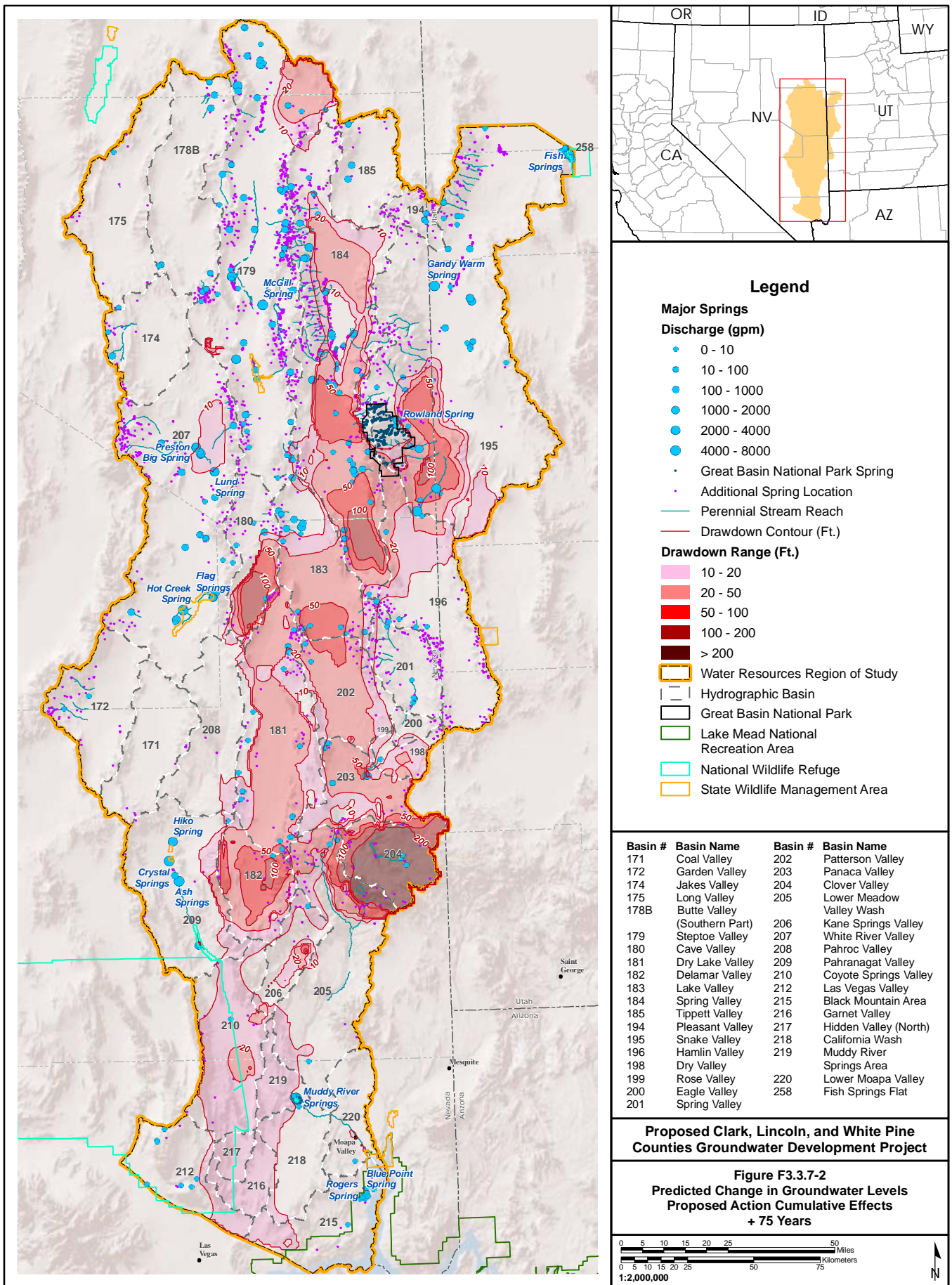
| Basin # | Basin Name | Basin # | Basin Name |
|---------|------------------------------|---------|--------------------------|
| 171 | Coal Valley | 202 | Patterson Valley |
| 172 | Garden Valley | 203 | Panaca Valley |
| 174 | Jakes Valley | 204 | Clover Valley |
| 175 | Long Valley | 205 | Lower Meadow Valley Wash |
| 178B | Butte Valley (Southern Part) | 206 | Kane Springs Valley |
| 179 | Steptoe Valley | 207 | White River Valley |
| 180 | Cave Valley | 208 | Pahroc Valley |
| 181 | Dry Lake Valley | 209 | Pahranagat Valley |
| 182 | Delamar Valley | 210 | Coyote Springs Valley |
| 183 | Lake Valley | 212 | Las Vegas Valley |
| 184 | Spring Valley | 215 | Black Mountain Area |
| 185 | Tippett Valley | 216 | Garnet Valley |
| 194 | Pleasant Valley | 217 | Hidden Valley (North) |
| 195 | Snake Valley | 218 | California Wash |
| 196 | Hamlin Valley | 219 | Muddy River Springs Area |
| 198 | Dry Valley | 220 | Lower Moapa Valley |
| 199 | Rose Valley | 228 | Fish Springs Flat |
| 200 | Eagle Valley | | |
| 201 | Spring Valley | | |

Proposed Clark, Lincoln, and White Pine Counties Groundwater Development Project

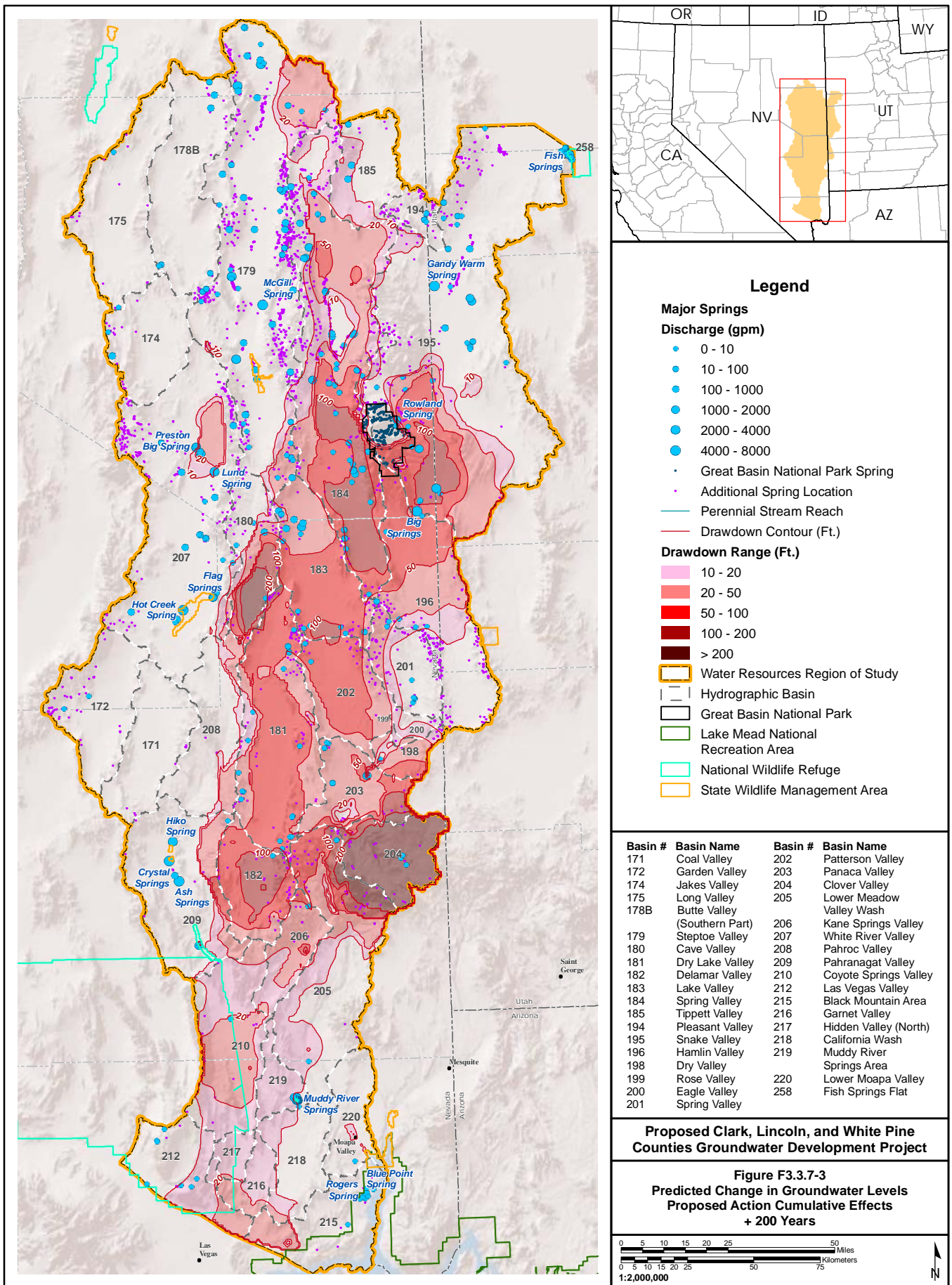
**Figure F3.3.7-1
Predicted Change in Groundwater Levels
Proposed Action Cumulative Effects
Full Build Out**



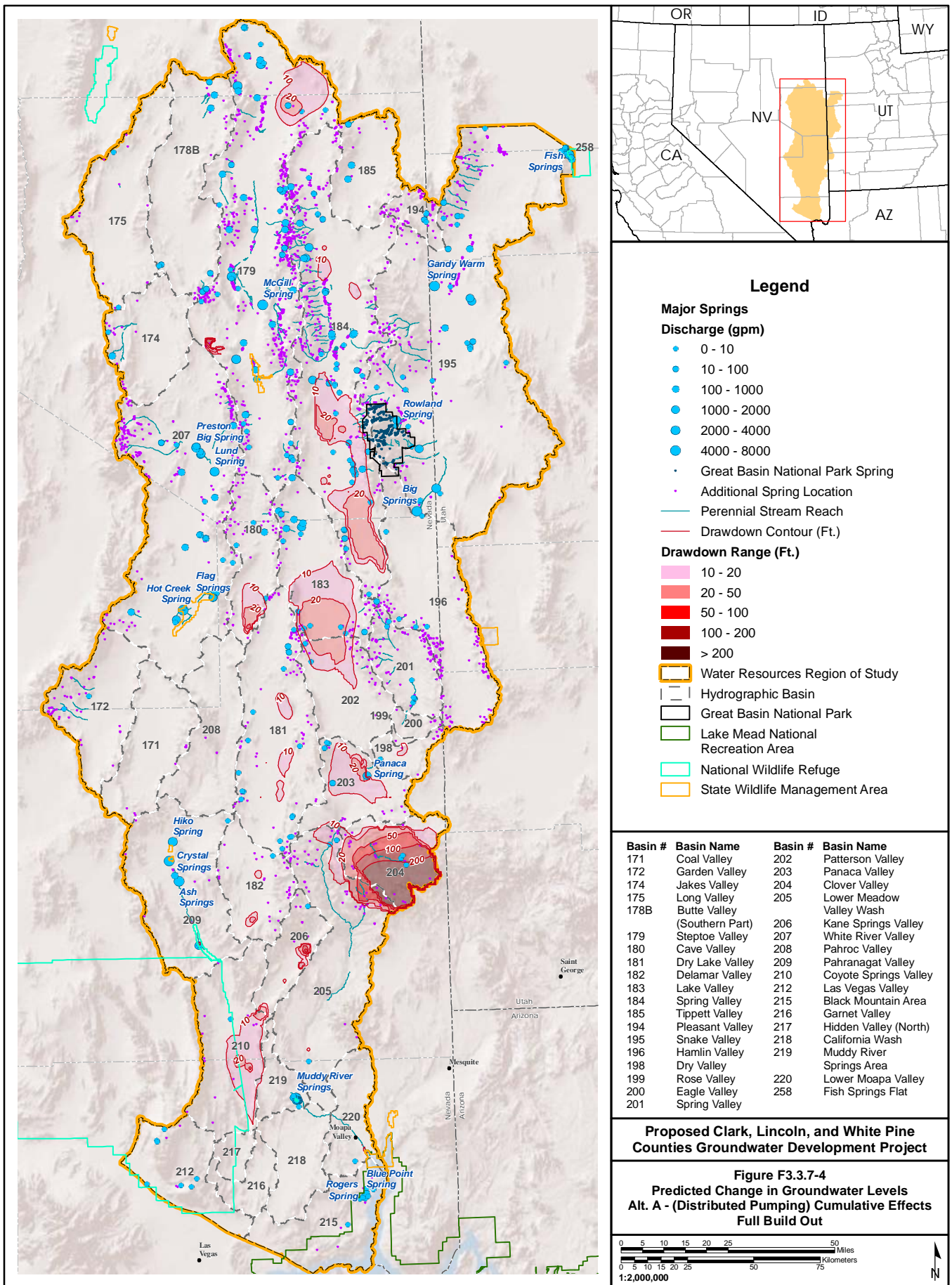
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



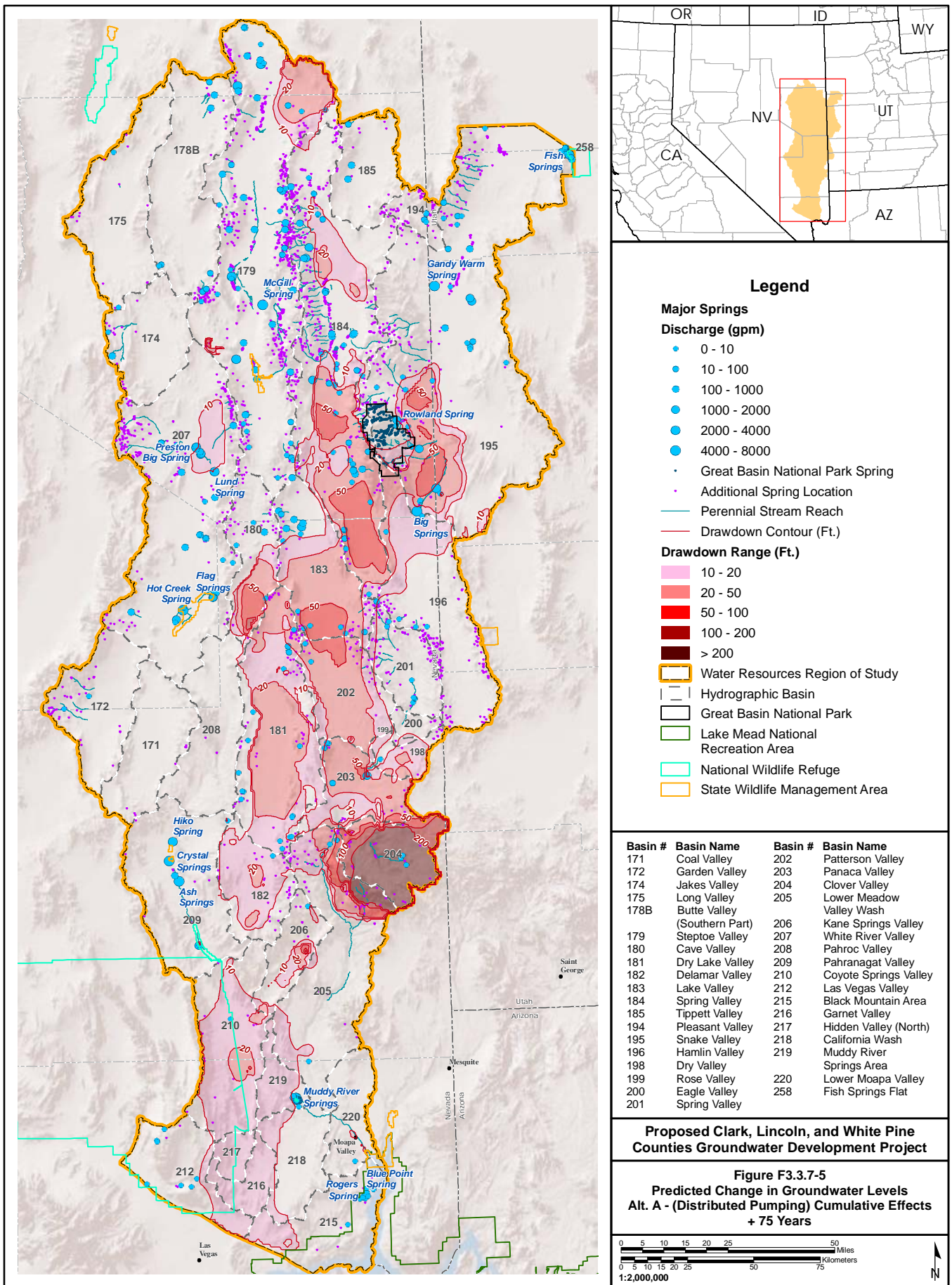
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



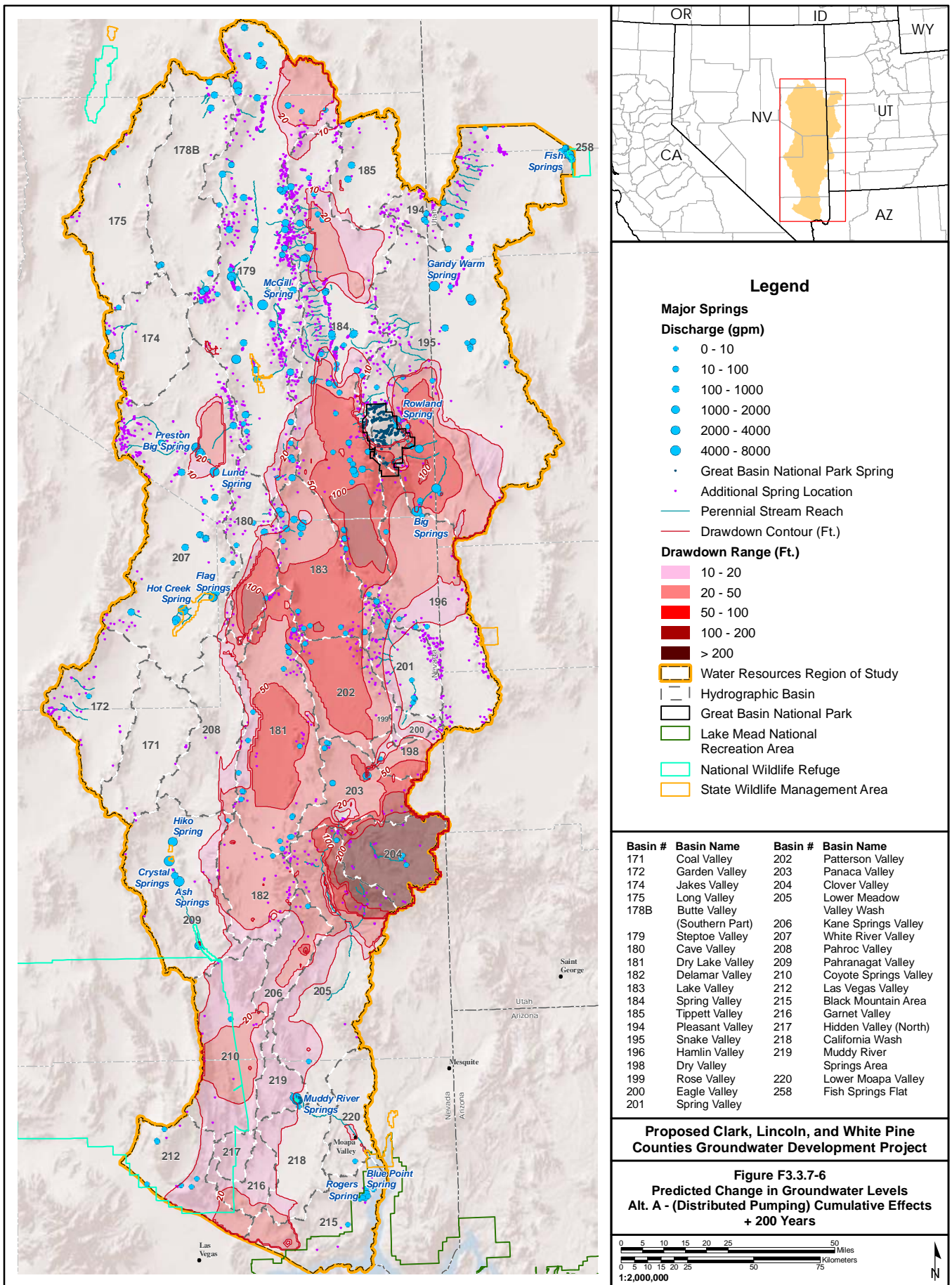
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



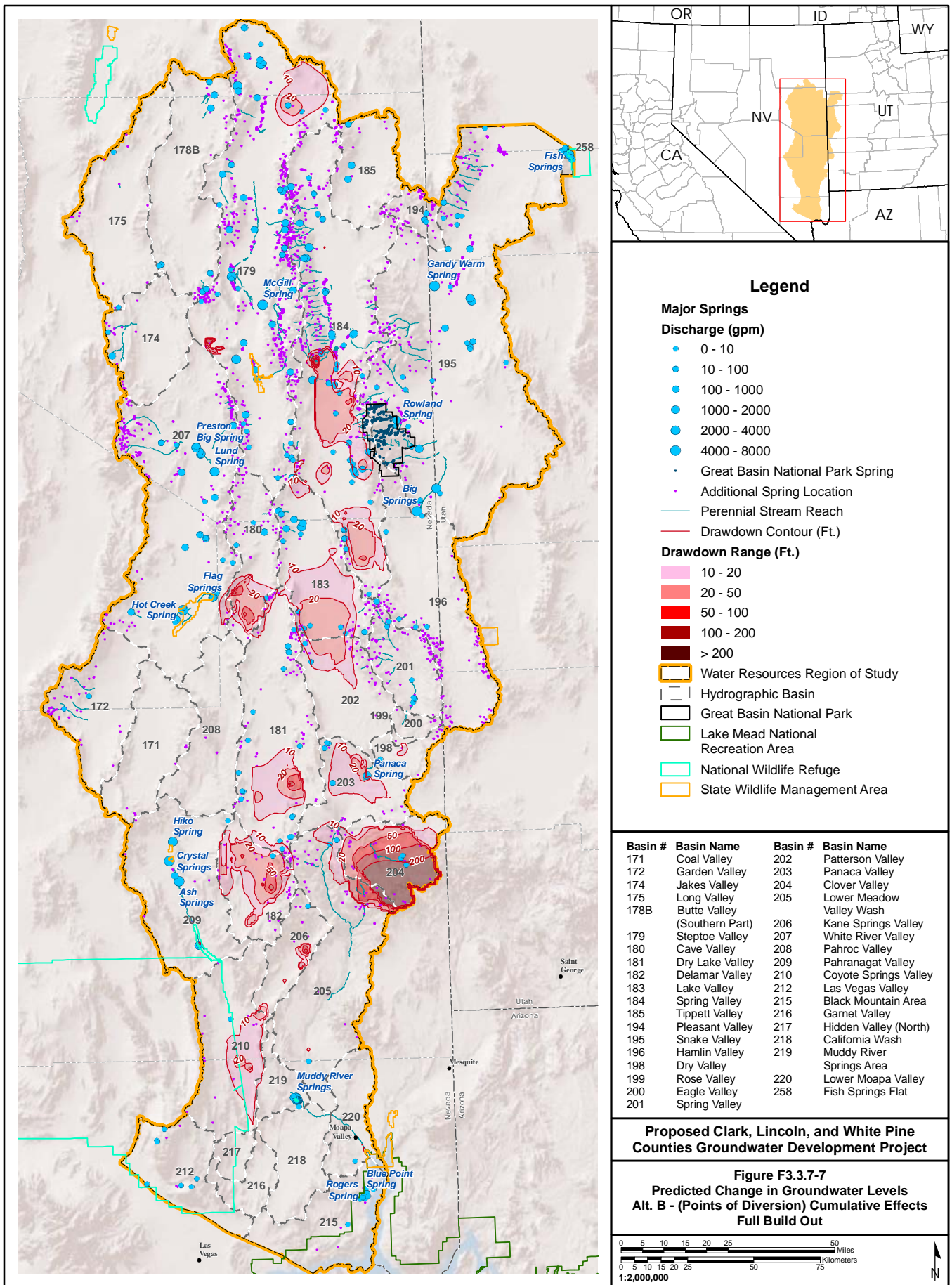
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



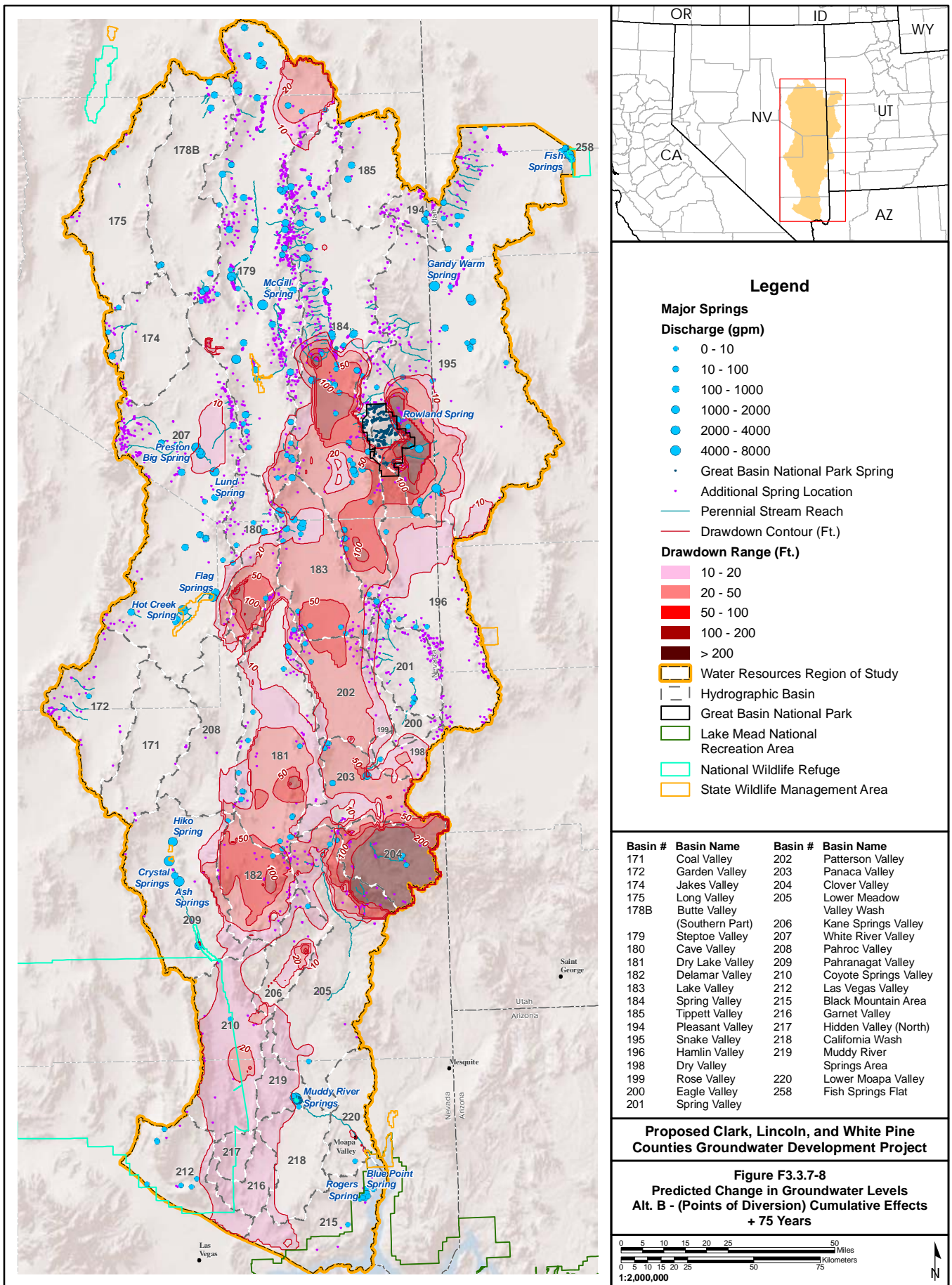
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



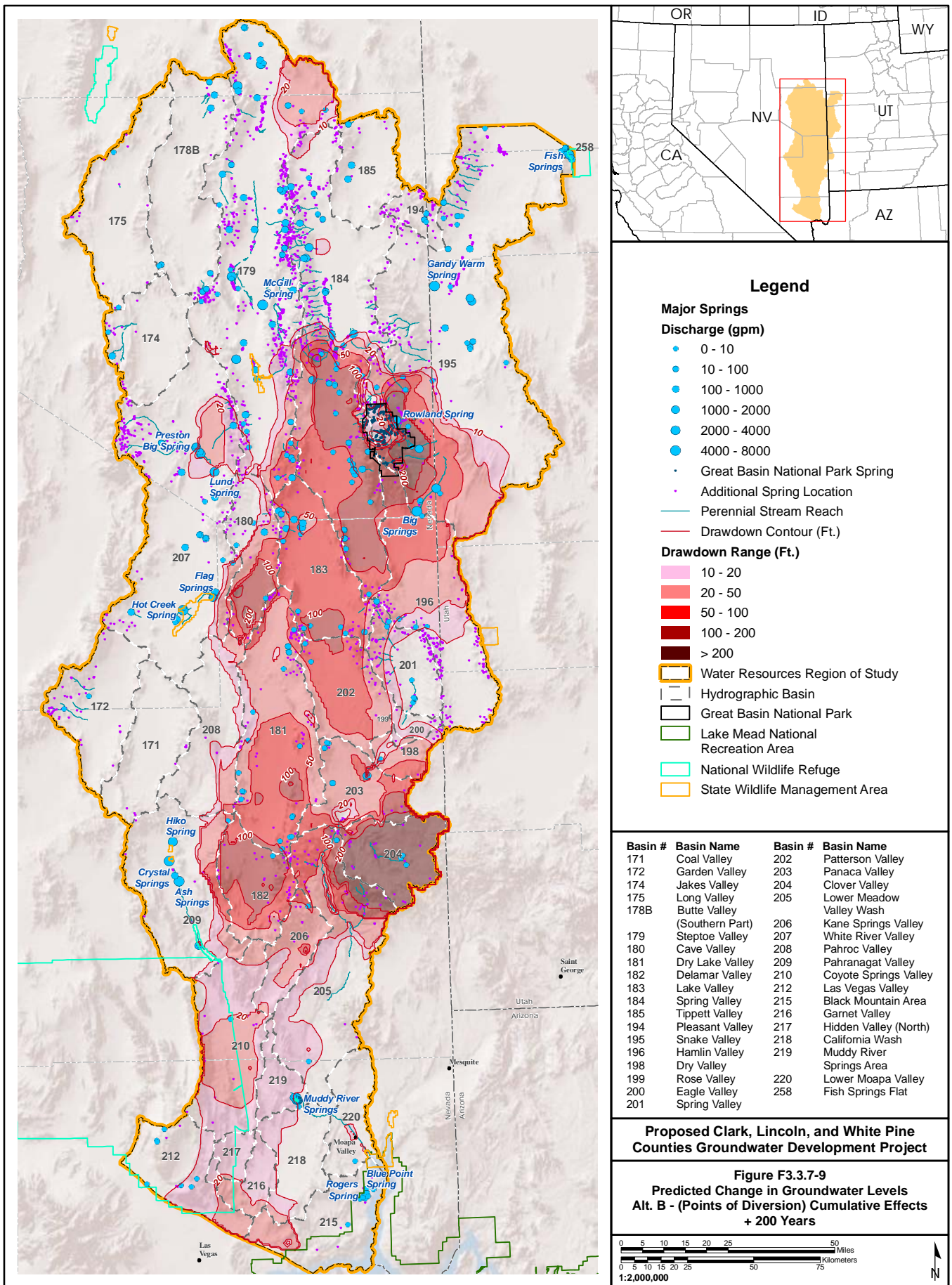
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



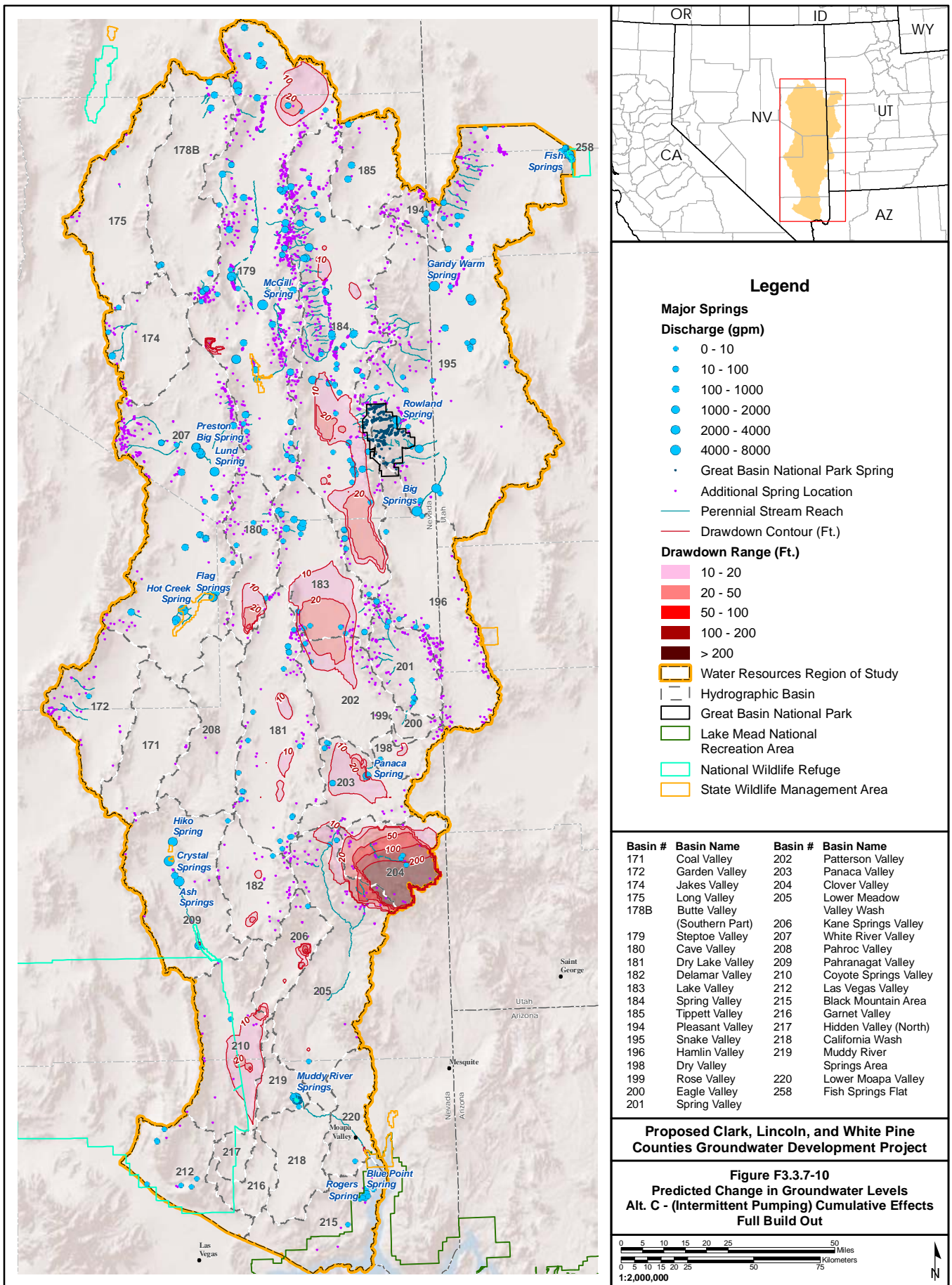
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



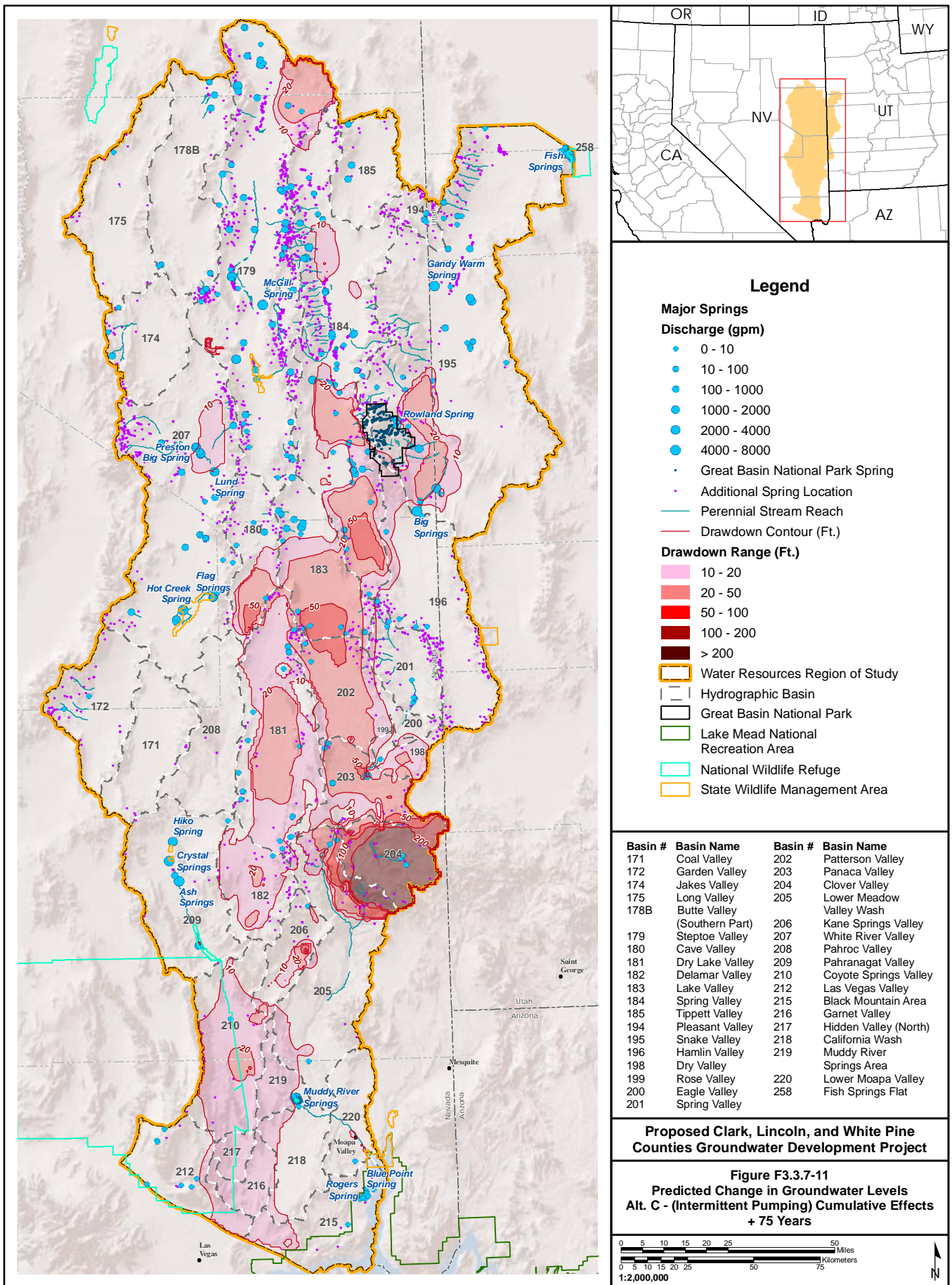
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



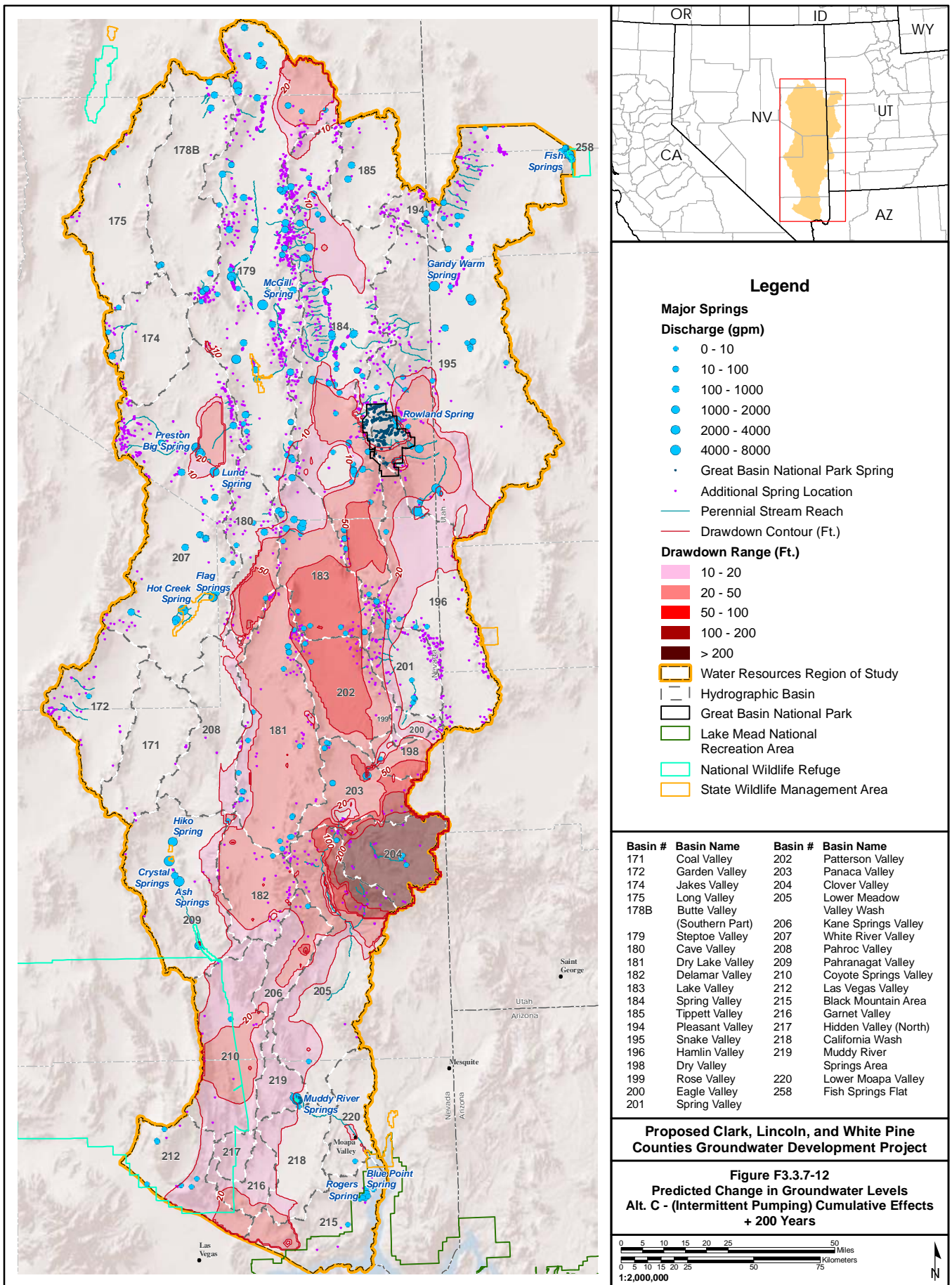
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



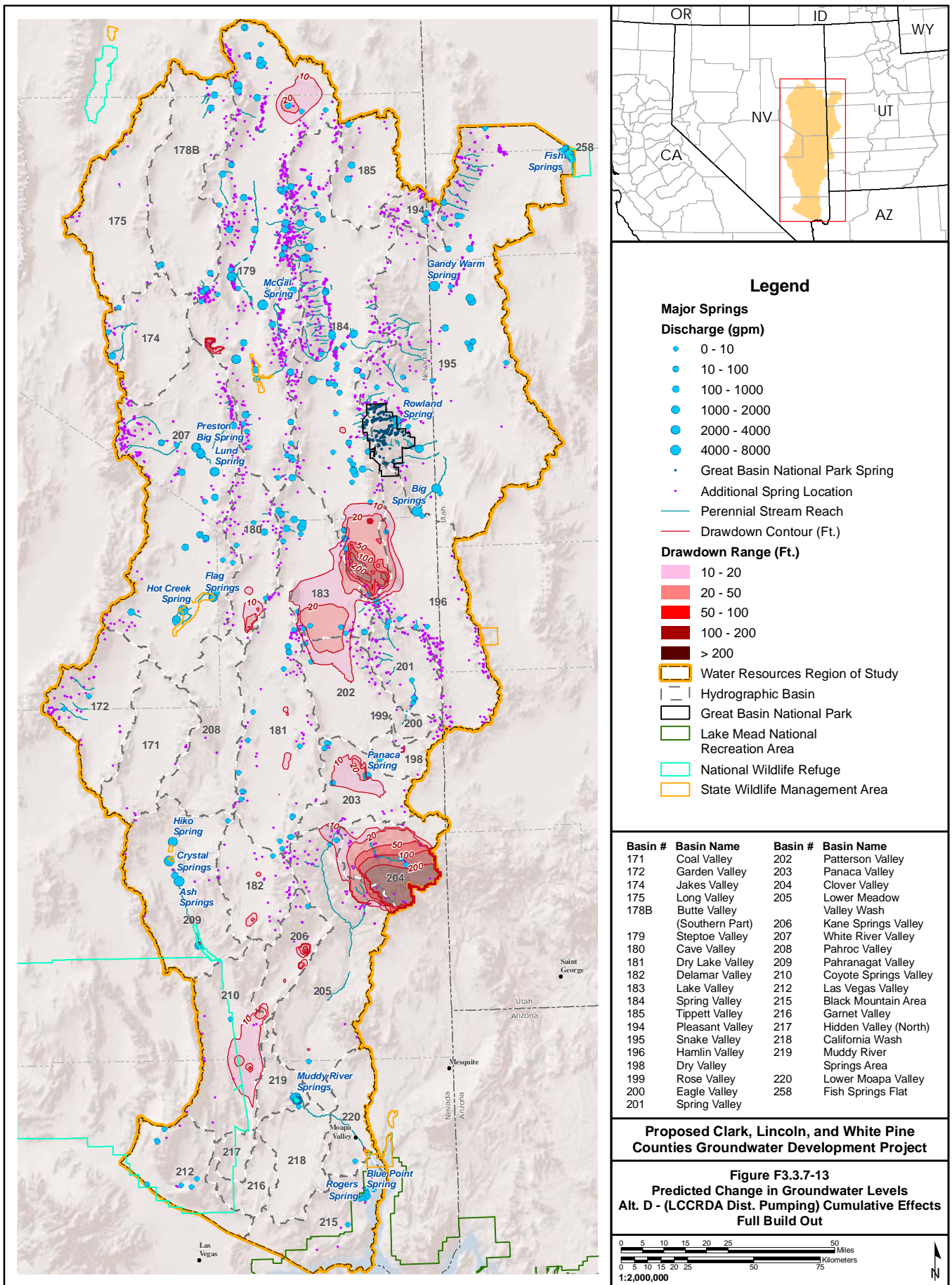
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Legend

Major Springs

Discharge (gpm)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 2000
- 2000 - 4000
- 4000 - 8000
- Great Basin National Park Spring
- Additional Spring Location

— Perennial Stream Reach

— Drawdown Contour (Ft.)

Drawdown Range (Ft.)

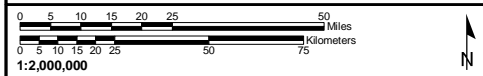
- 10 - 20
- 20 - 50
- 50 - 100
- 100 - 200
- > 200

- Water Resources Region of Study
- Hydrographic Basin
- Great Basin National Park
- Lake Mead National Recreation Area
- National Wildlife Refuge
- State Wildlife Management Area

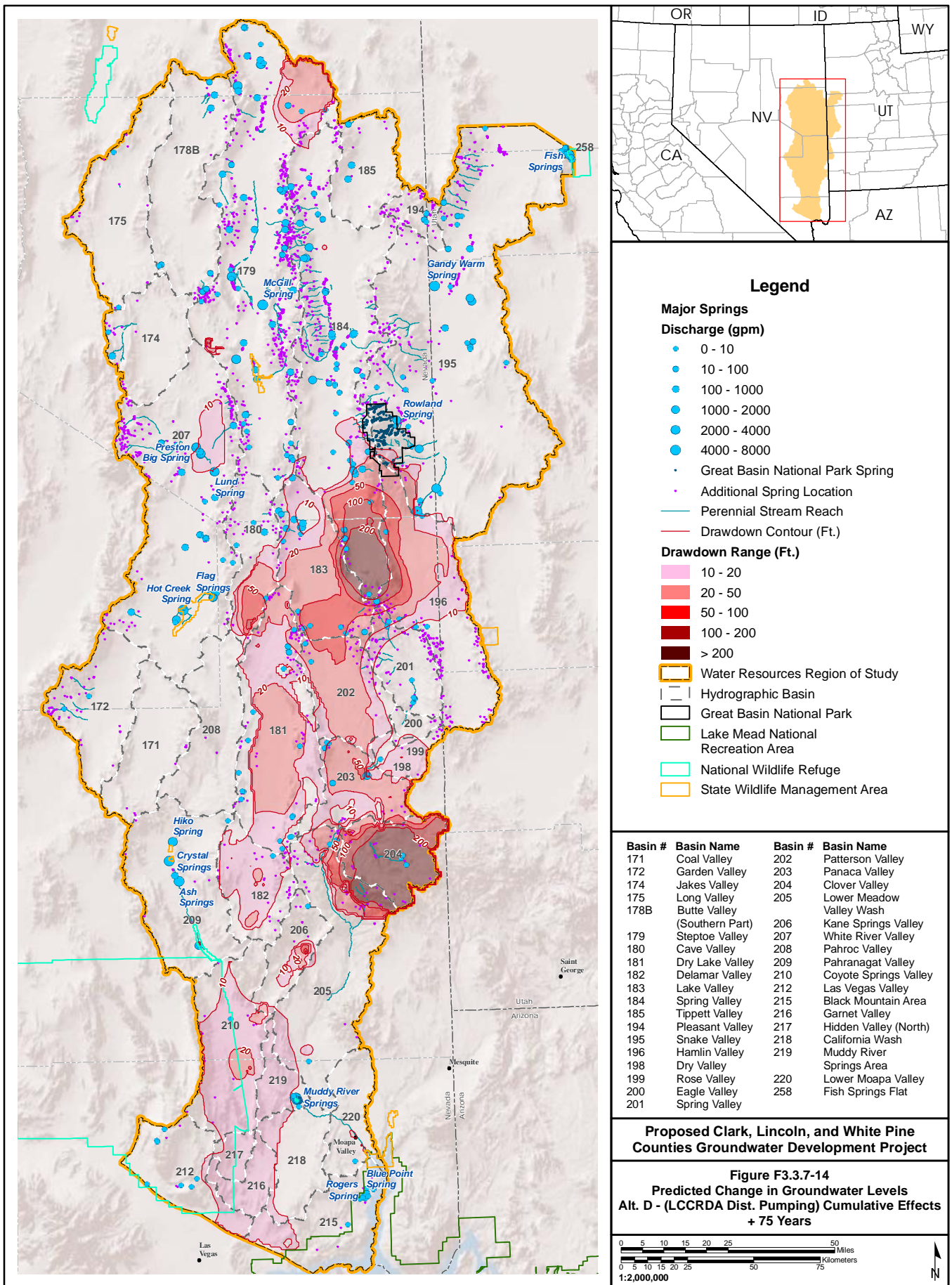
| Basin # | Basin Name | Basin # | Basin Name |
|---------|------------------------------|---------|--------------------------|
| 171 | Coal Valley | 202 | Patterson Valley |
| 172 | Garden Valley | 203 | Panaca Valley |
| 174 | Jakes Valley | 204 | Clover Valley |
| 175 | Long Valley | 205 | Lower Meadow Valley Wash |
| 178B | Butte Valley (Southern Part) | 206 | Kane Springs Valley |
| 179 | Steptoe Valley | 207 | White River Valley |
| 180 | Cave Valley | 208 | Pahroc Valley |
| 181 | Dry Lake Valley | 209 | Pahranagat Valley |
| 182 | Delamar Valley | 210 | Coyote Springs Valley |
| 183 | Lake Valley | 212 | Las Vegas Valley |
| 184 | Spring Valley | 215 | Black Mountain Area |
| 185 | Tippett Valley | 216 | Garnet Valley |
| 194 | Pleasant Valley | 217 | Hidden Valley (North) |
| 195 | Snake Valley | 218 | California Wash |
| 196 | Hamlin Valley | 219 | Muddy River Springs Area |
| 198 | Dry Valley | 220 | Lower Moapa Valley |
| 199 | Rose Valley | 228 | Fish Springs Flat |
| 200 | Eagle Valley | | |
| 201 | Spring Valley | | |

Proposed Clark, Lincoln, and White Pine Counties Groundwater Development Project

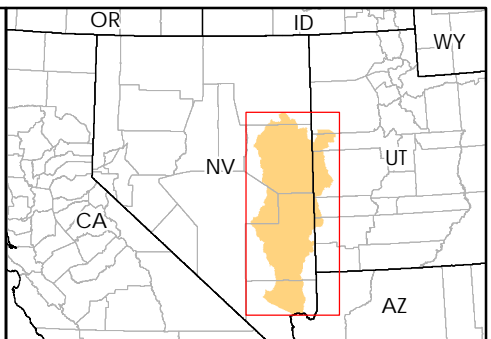
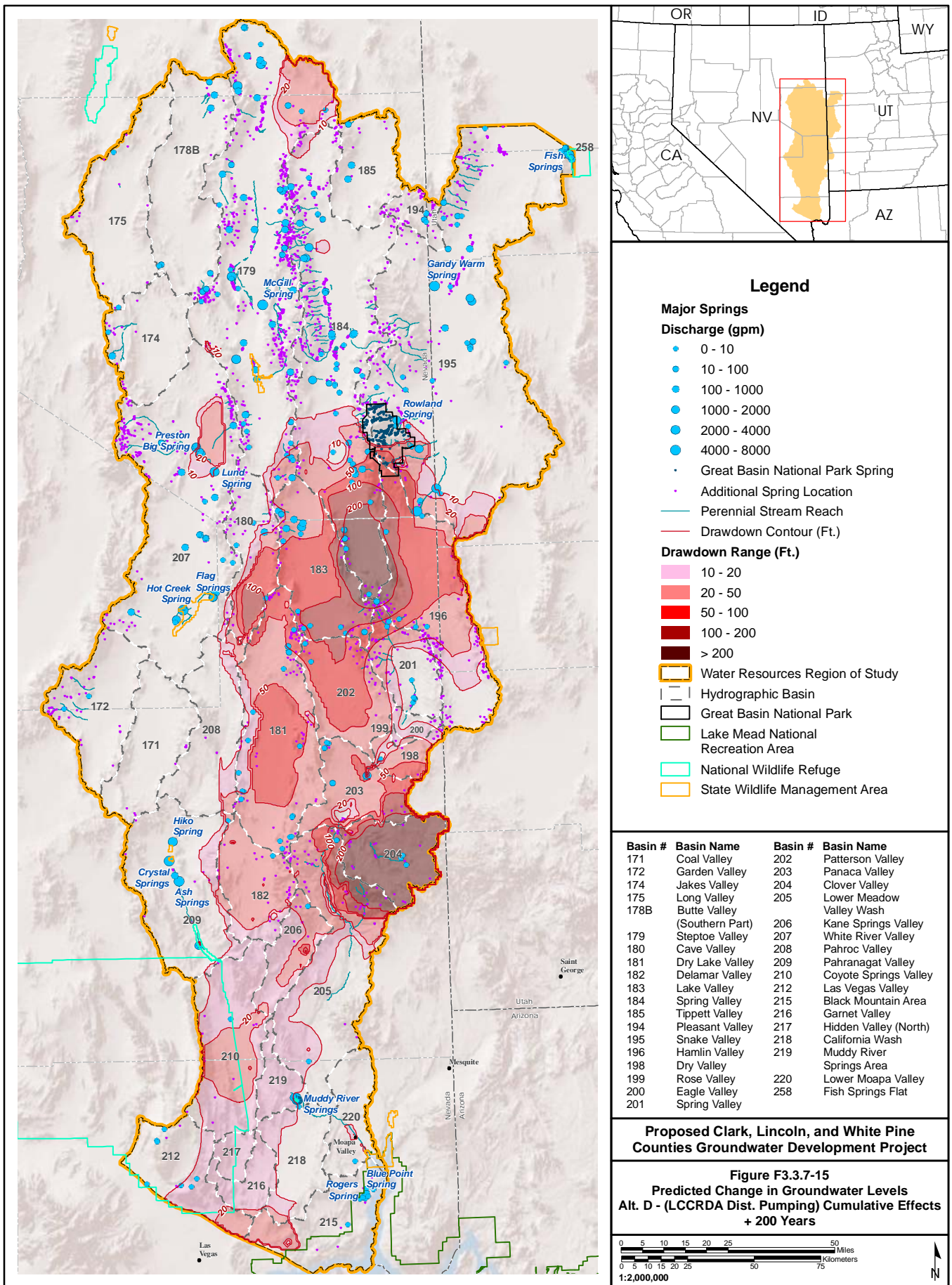
Figure F3.3.7-13
Predicted Change in Groundwater Levels
Alt. D - (LCCRDA Dist. Pumping) Cumulative Effects
Full Build Out



No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Legend

Major Springs

Discharge (gpm)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 2000
- 2000 - 4000
- 4000 - 8000
- Great Basin National Park Spring
- Additional Spring Location

— Perennial Stream Reach

— Drawdown Contour (Ft.)

Drawdown Range (Ft.)

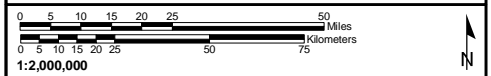
- 10 - 20
- 20 - 50
- 50 - 100
- 100 - 200
- > 200

- Water Resources Region of Study
- Hydrographic Basin
- Great Basin National Park
- Lake Mead National Recreation Area
- National Wildlife Refuge
- State Wildlife Management Area

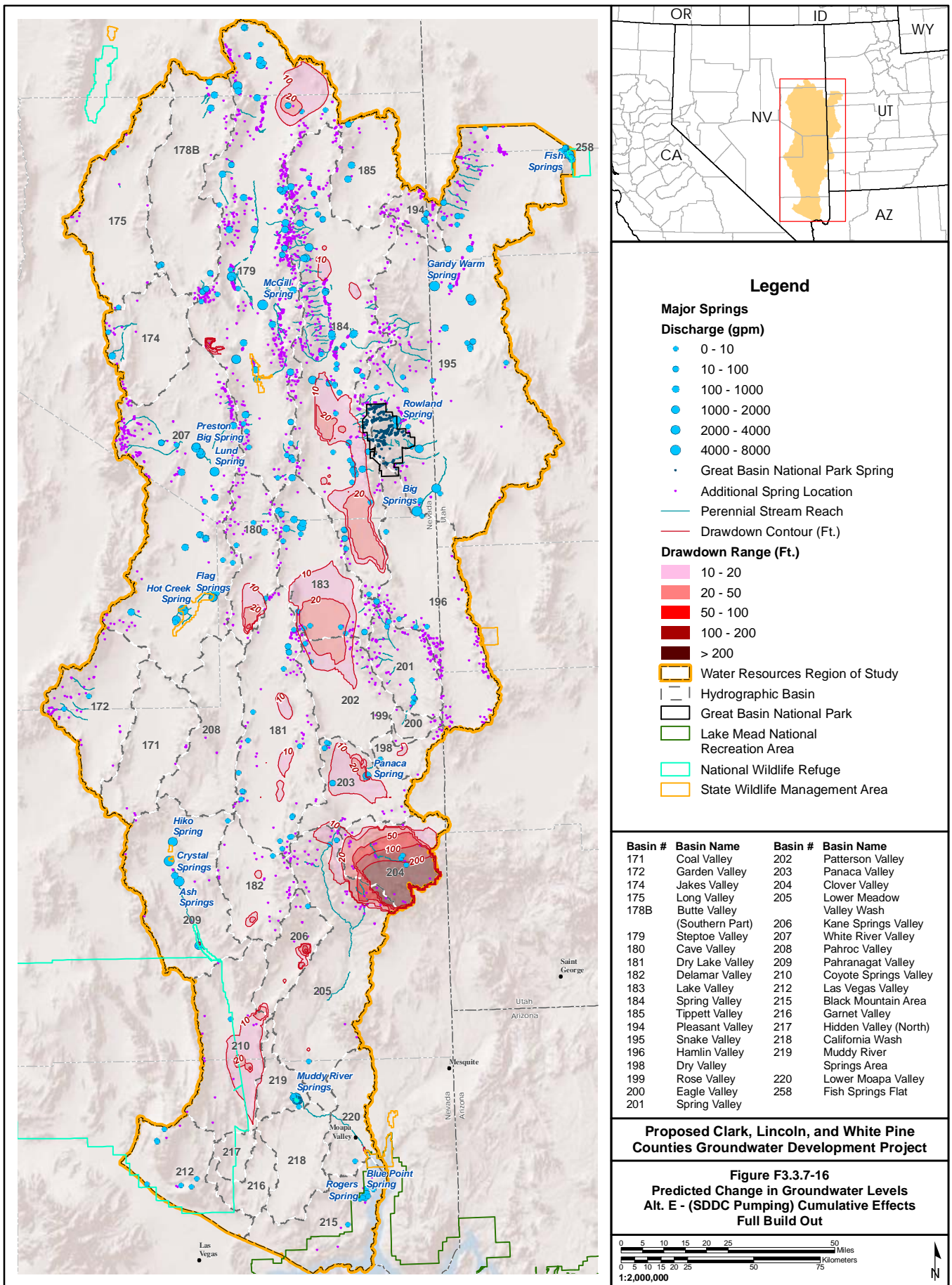
| Basin # | Basin Name | Basin # | Basin Name |
|---------|------------------------------|---------|--------------------------|
| 171 | Coal Valley | 202 | Patterson Valley |
| 172 | Garden Valley | 203 | Panaca Valley |
| 174 | Jakes Valley | 204 | Clover Valley |
| 175 | Long Valley | 205 | Lower Meadow Valley Wash |
| 178B | Butte Valley (Southern Part) | 206 | Kane Springs Valley |
| 179 | Steptoe Valley | 207 | White River Valley |
| 180 | Cave Valley | 208 | Pahroc Valley |
| 181 | Dry Lake Valley | 209 | Pahrnagat Valley |
| 182 | Delamar Valley | 210 | Coyote Springs Valley |
| 183 | Lake Valley | 212 | Las Vegas Valley |
| 184 | Spring Valley | 215 | Black Mountain Area |
| 185 | Tippett Valley | 216 | Garnet Valley |
| 194 | Pleasant Valley | 217 | Hidden Valley (North) |
| 195 | Snake Valley | 218 | California Wash |
| 196 | Hamlin Valley | 219 | Muddy River Springs Area |
| 198 | Dry Valley | 220 | Lower Moapa Valley |
| 199 | Rose Valley | 258 | Fish Springs Flat |
| 200 | Eagle Valley | | |
| 201 | Spring Valley | | |

Proposed Clark, Lincoln, and White Pine Counties Groundwater Development Project

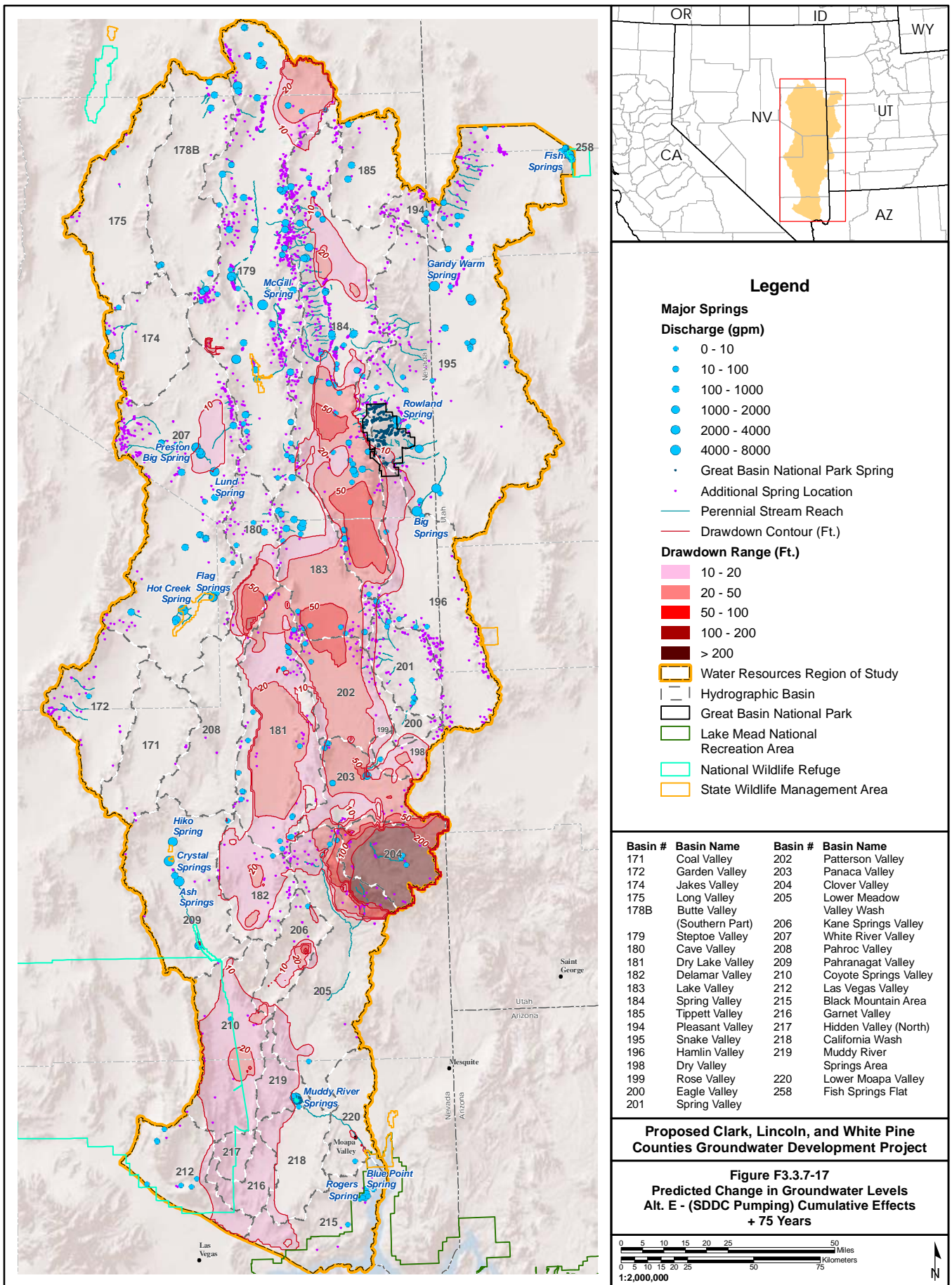
Figure F3.3.7-15
Predicted Change in Groundwater Levels
Alt. D - (LCCRDA Dist. Pumping) Cumulative Effects
+ 200 Years



No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



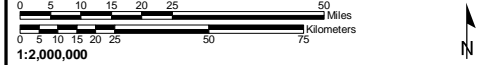
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



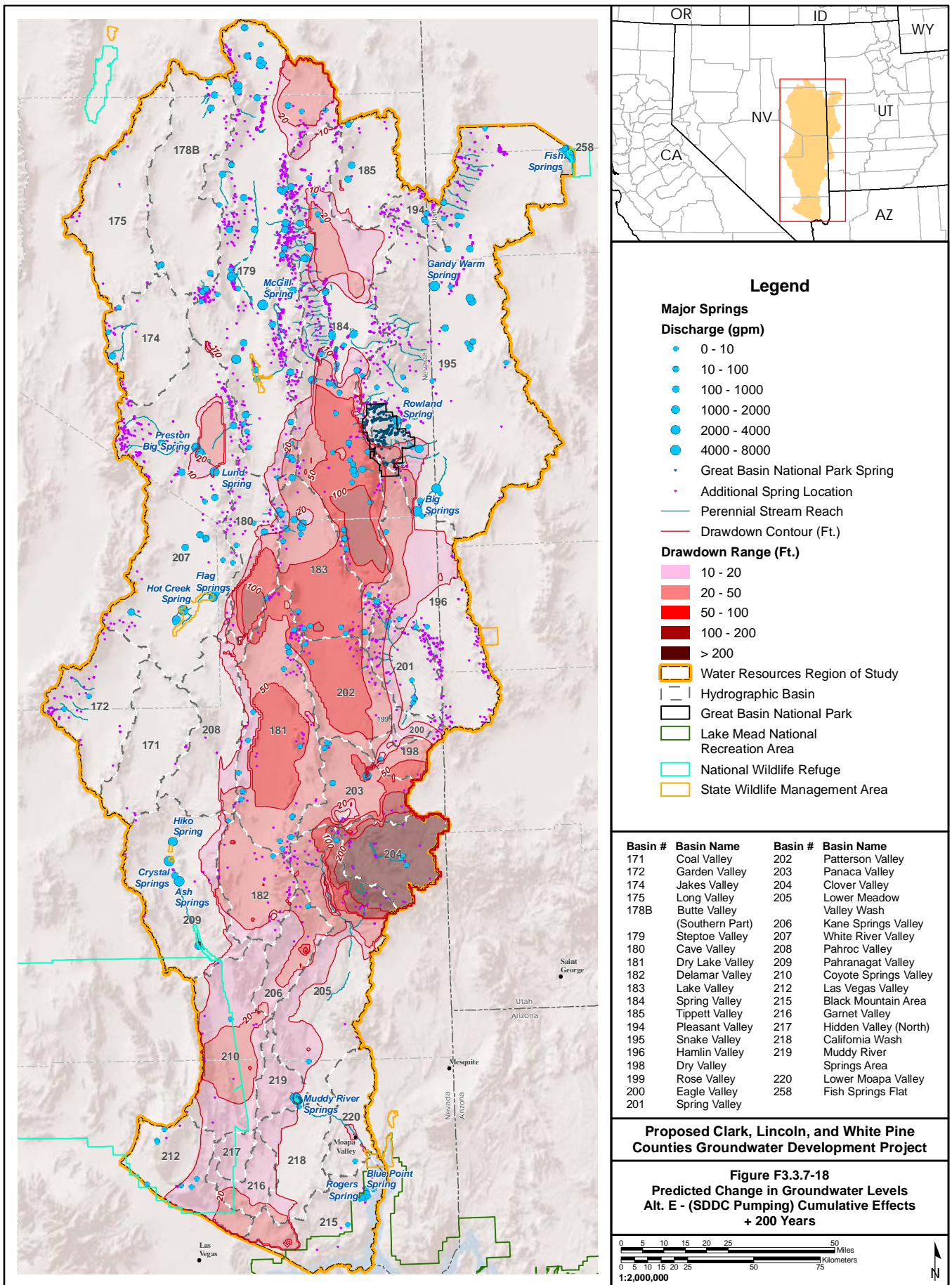
| Basin # | Basin Name | Basin # | Basin Name |
|---------|------------------------------|---------|--------------------------|
| 171 | Coal Valley | 202 | Patterson Valley |
| 172 | Garden Valley | 203 | Panaca Valley |
| 174 | Jakes Valley | 204 | Clover Valley |
| 175 | Long Valley | 205 | Lower Meadow Valley Wash |
| 178B | Butte Valley (Southern Part) | 206 | Kane Springs Valley |
| 179 | Steptoe Valley | 207 | White River Valley |
| 180 | Cave Valley | 208 | Pahroc Valley |
| 181 | Dry Lake Valley | 209 | Pahrangat Valley |
| 182 | Delamar Valley | 210 | Coyote Springs Valley |
| 183 | Lake Valley | 212 | Las Vegas Valley |
| 184 | Spring Valley | 215 | Black Mountain Area |
| 185 | Tippett Valley | 216 | Garnet Valley |
| 194 | Pleasant Valley | 217 | Hidden Valley (North) |
| 195 | Snake Valley | 218 | California Wash |
| 196 | Hamlin Valley | 219 | Muddy River Springs Area |
| 198 | Dry Valley | 220 | Lower Moapa Valley |
| 199 | Rose Valley | 220 | Lower Moapa Valley |
| 200 | Eagle Valley | 258 | Fish Springs Flat |
| 201 | Spring Valley | | |

Proposed Clark, Lincoln, and White Pine Counties Groundwater Development Project

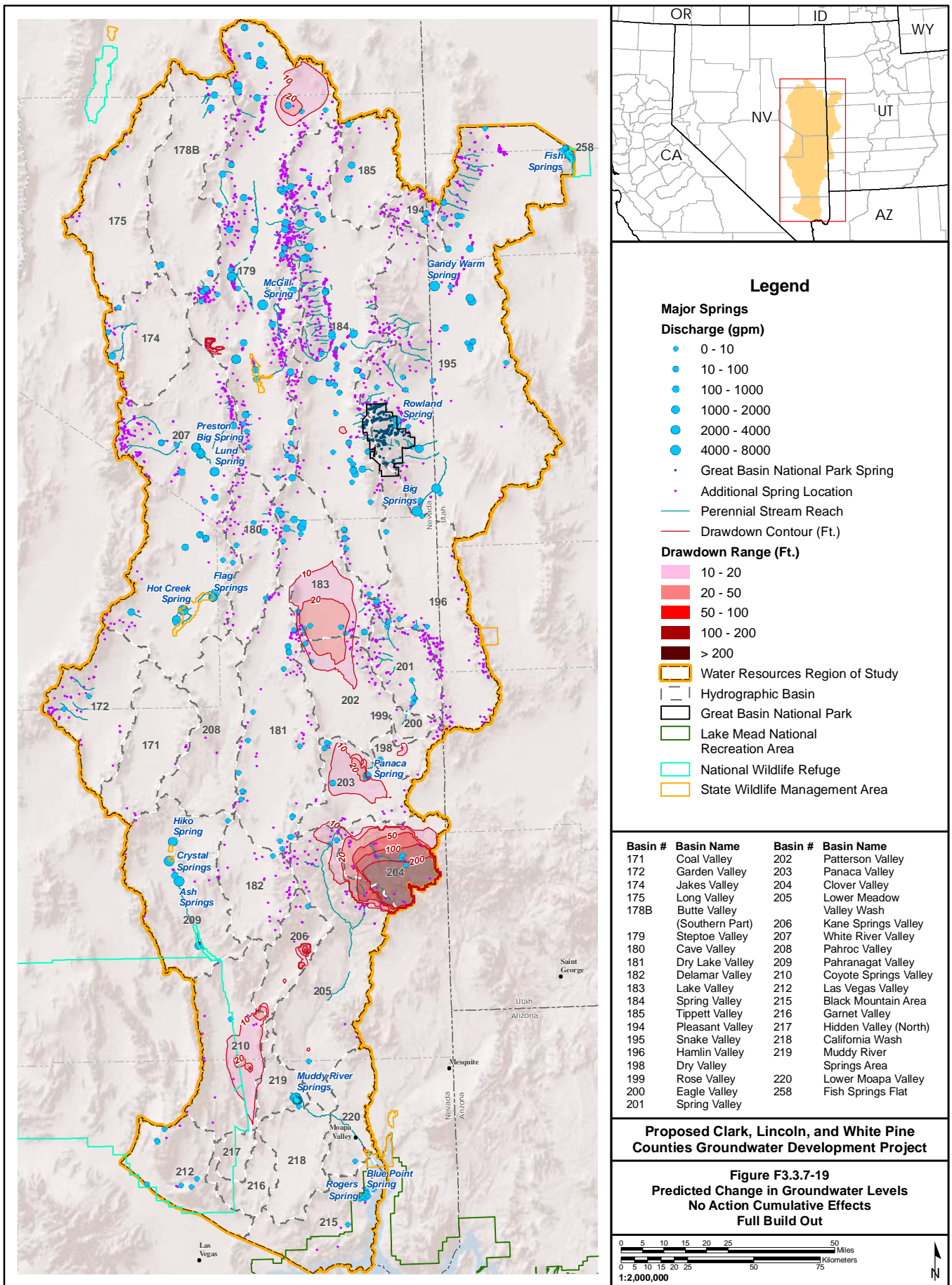
Figure F3.3.7-17
Predicted Change in Groundwater Levels
Alt. E - (SDDC Pumping) Cumulative Effects
+ 75 Years



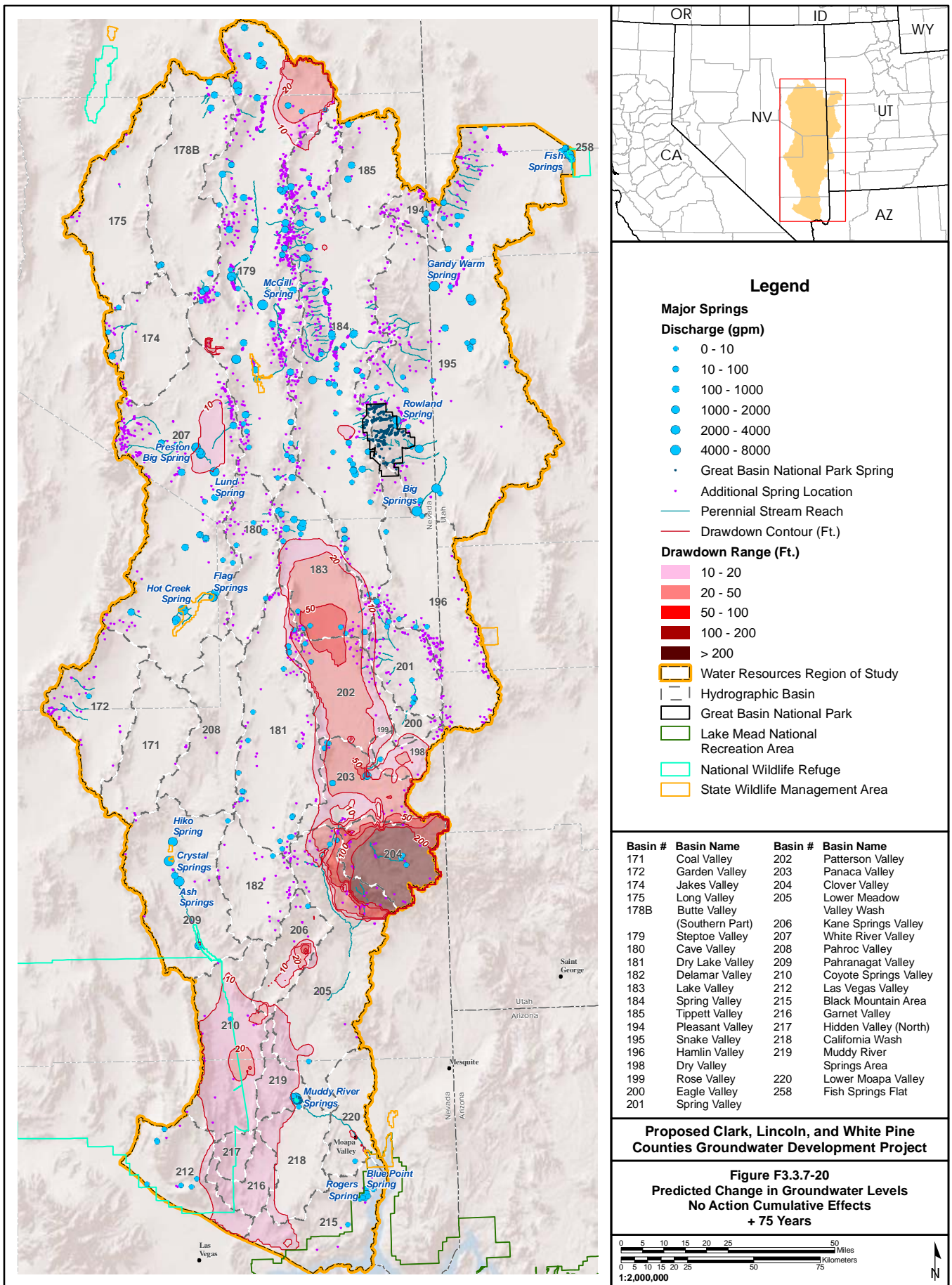
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



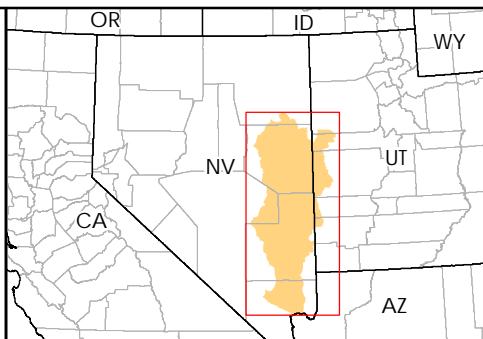
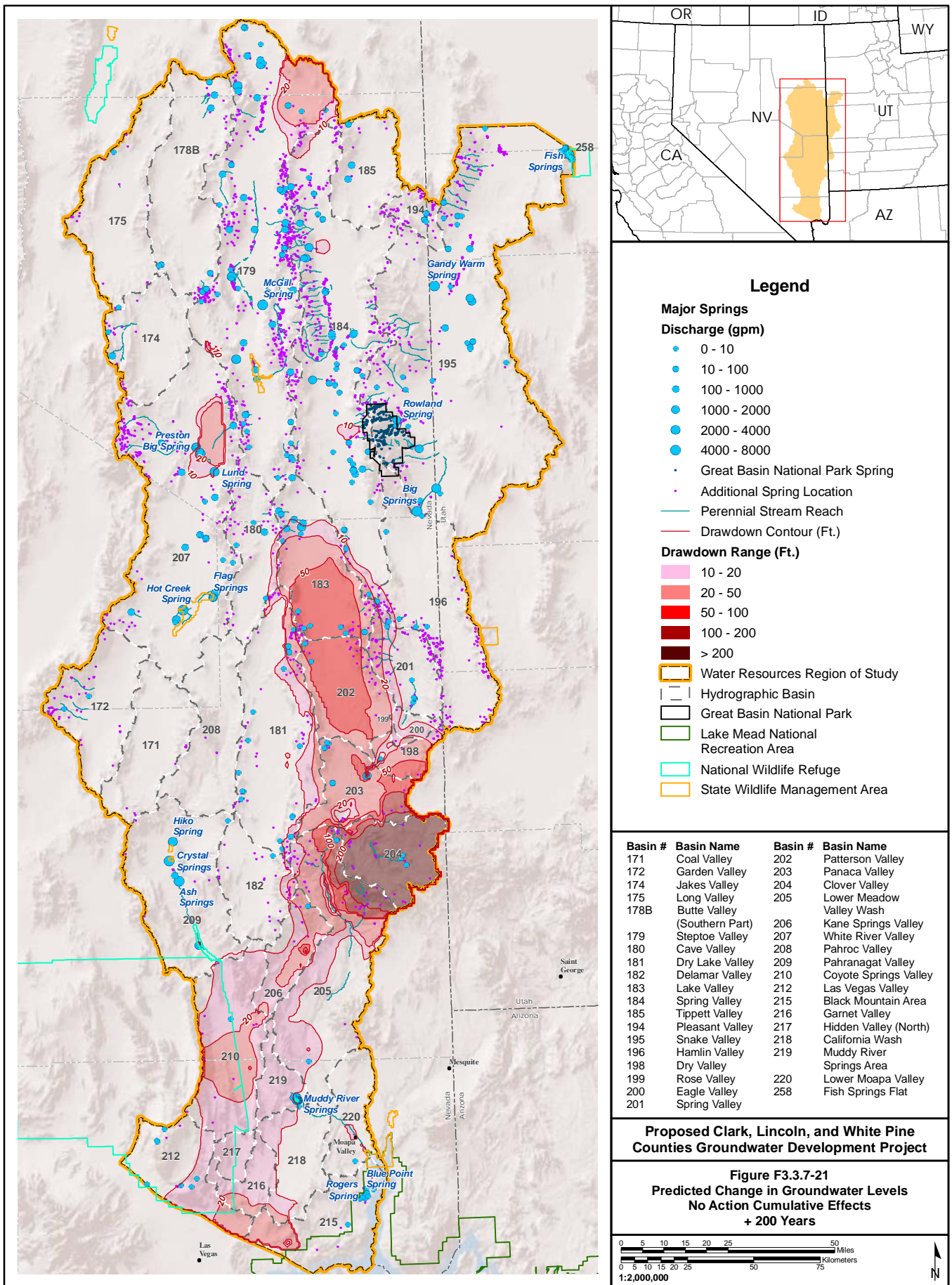
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.



Legend

Major Springs

Discharge (gpm)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 2000
- 2000 - 4000
- 4000 - 8000
- Great Basin National Park Spring
- Additional Spring Location

— Perennial Stream Reach

— Drawdown Contour (Ft.)

Drawdown Range (Ft.)

- 10 - 20
- 20 - 50
- 50 - 100
- 100 - 200
- > 200

- Water Resources Region of Study
- Hydrographic Basin
- Great Basin National Park
- Lake Mead National Recreation Area
- National Wildlife Refuge
- State Wildlife Management Area

| Basin # | Basin Name | Basin # | Basin Name |
|---------|------------------------------|---------|--------------------------|
| 171 | Coal Valley | 202 | Patterson Valley |
| 172 | Garden Valley | 203 | Panaca Valley |
| 174 | Jakes Valley | 204 | Clover Valley |
| 175 | Long Valley | 205 | Lower Meadow Valley Wash |
| 178B | Butte Valley (Southern Part) | 206 | Kane Springs Valley |
| 179 | Steptoe Valley | 207 | White River Valley |
| 180 | Cave Valley | 208 | Pahroc Valley |
| 181 | Dry Lake Valley | 209 | Pahrnagat Valley |
| 182 | Delamar Valley | 210 | Coyote Springs Valley |
| 183 | Lake Valley | 212 | Las Vegas Valley |
| 184 | Spring Valley | 215 | Black Mountain Area |
| 185 | Tippett Valley | 216 | Garnet Valley |
| 194 | Pleasant Valley | 217 | Hidden Valley (North) |
| 195 | Snake Valley | 218 | California Wash |
| 196 | Hamlin Valley | 219 | Muddy River Springs Area |
| 198 | Dry Valley | 220 | Lower Moapa Valley |
| 199 | Rose Valley | 258 | Fish Springs Flat |
| 200 | Eagle Valley | | |
| 201 | Spring Valley | | |

Proposed Clark, Lincoln, and White Pine Counties Groundwater Development Project

Figure F3.3.7-21
Predicted Change in Groundwater Levels
No Action Cumulative Effects
+ 200 Years

0 5 10 15 20 25 50 Miles
 0 5 10 15 20 25 50 75 Kilometers

1:2,000,000

No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.