



NORTH PLATTE RIVER OPERATING PLAN  
 Year Beginning May 2008

| Gray Reef Reservoir Operations |     | Initial Content |       |       |       |      |      | 1.6 Kaf |      | Operating Limits: Max |      |                      |      | 1.1 Kaf, 5327.42 Ft. |  |
|--------------------------------|-----|-----------------|-------|-------|-------|------|------|---------|------|-----------------------|------|----------------------|------|----------------------|--|
|                                |     |                 |       |       |       |      |      | Min     |      |                       |      | 0.0 Kaf, 5306.00 Ft. |      |                      |  |
|                                |     | May             | Jun   | Jul   | Aug   | Sep  | Oct  | Nov     | Dec  | Jan                   | Feb  | Mar                  | Apr  |                      |  |
| Total Inflow                   | kaf | 137.0           | 141.9 | 127.6 | 127.6 | 29.9 | 30.7 | 29.8    | 30.7 | 30.7                  | 27.8 | 40.9                 | 35.3 |                      |  |
| Total Inflow                   | cfs | 2228.           | 2385. | 2075. | 2075. | 502. | 499. | 501.    | 499. | 499.                  | 501. | 665.                 | 593. |                      |  |
| Total Release                  | kaf | 137.5           | 141.8 | 127.5 | 127.5 | 29.8 | 30.7 | 29.8    | 30.7 | 30.7                  | 27.8 | 40.9                 | 35.3 |                      |  |
| Total Release                  | cfs | 2236.           | 2383. | 2074. | 2074. | 501. | 499. | 501.    | 499. | 499.                  | 501. | 665.                 | 593. |                      |  |

  

| Glendo Reservoir Operations |     | Initial Content |        |        |        |        |        | 397.8 Kaf |        | Operating Limits: Max |        |                       |        | 789.4 Kaf, 4653.00 Ft. |  |
|-----------------------------|-----|-----------------|--------|--------|--------|--------|--------|-----------|--------|-----------------------|--------|-----------------------|--------|------------------------|--|
|                             |     |                 |        |        |        |        |        | Min       |        |                       |        | 63.2 Kaf, 4570.02 Ft. |        |                        |  |
|                             |     | May             | Jun    | Jul    | Aug    | Sep    | Oct    | Nov       | Dec    | Jan                   | Feb    | Mar                   | Apr    |                        |  |
| Alcova-Glendo Gain          | kaf | 79.6            | 9.1    | -3.4   | -3.2   | 7.1    | 13.9   | 12.1      | 8.2    | 8.4                   | 16.3   | 18.4                  | 45.8   |                        |  |
| Infl from Gray Reef         | kaf | 137.5           | 141.8  | 127.5  | 127.5  | 29.8   | 30.7   | 29.8      | 30.7   | 30.7                  | 27.8   | 40.9                  | 35.3   |                        |  |
| Total Inflow                | kaf | 217.1           | 150.9  | 124.1  | 124.3  | 36.9   | 44.6   | 41.9      | 38.9   | 39.1                  | 44.1   | 59.3                  | 81.1   |                        |  |
| Total Inflow                | cfs | 3531.           | 2536.  | 2018.  | 2022.  | 620.   | 725.   | 704.      | 633.   | 636.                  | 794.   | 964.                  | 1363.  |                        |  |
| Turbine Release             | kaf | 158.3           | 146.4  | 225.2  | 218.1  | 2.7    | 0.0    | 0.0       | 0.0    | 0.0                   | 0.0    | 0.0                   | 44.8   |                        |  |
| Low Flow Release            | kaf | 1.5             | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5       | 1.5    | 1.5                   | 1.5    | 1.5                   | 1.5    |                        |  |
| Spillway Release            | kaf | 0.0             | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0       | 0.0    | 0.0                   | 0.0    | 0.0                   | 0.0    |                        |  |
| Irrigation Release          | kaf | 0.0             | 0.0    | 59.5   | 81.5   | 0.0    | 0.0    | 0.0       | 0.0    | 0.0                   | 0.0    | 0.0                   | 0.0    |                        |  |
| Total Release               | kaf | 159.8           | 147.9  | 286.2  | 301.1  | 4.2    | 1.5    | 1.5       | 1.5    | 1.5                   | 1.5    | 1.5                   | 46.3   |                        |  |
| Total Release               | cfs | 2599.           | 2486.  | 4655.  | 4897.  | 71.    | 24.    | 25.       | 24.    | 24.                   | 27.    | 24.                   | 778.   |                        |  |
| Evaporation                 | kaf | 4.4             | 6.3    | 6.1    | 3.6    | 1.9    | 1.1    | 0.8       | 0.7    | 0.7                   | 0.8    | 1.7                   | 3.1    |                        |  |
| End-month content           | kaf | 450.0*          | 445.0* | 276.9  | 96.0*  | 126.9  | 168.9  | 208.5     | 245.2  | 282.1                 | 323.9# | 380.0*                | 411.7  |                        |  |
| End-month elevation         | ft  | 4629.2          | 4628.7 | 4610.4 | 4579.3 | 4586.5 | 4594.6 | 4600.9    | 4606.2 | 4611.1                | 4616.1 | 4622.3                | 4625.5 |                        |  |

  

| Guernsey Reservoir Operations |     | Initial Content |        |        |        |        |        | 22.7 Kaf |        | Operating Limits: Max |        |                      |        | 45.6 Kaf, 4419.99 Ft. |  |
|-------------------------------|-----|-----------------|--------|--------|--------|--------|--------|----------|--------|-----------------------|--------|----------------------|--------|-----------------------|--|
|                               |     |                 |        |        |        |        |        | Min      |        |                       |        | 0.0 Kaf, 4370.00 Ft. |        |                       |  |
|                               |     | May             | Jun    | Jul    | Aug    | Sep    | Oct    | Nov      | Dec    | Jan                   | Feb    | Mar                  | Apr    |                       |  |
| Glendo-Guerns Gain            | kaf | 8.1             | 3.1    | 1.9    | 1.8    | 5.0    | 3.5    | 2.1      | 1.8    | 1.3                   | 1.3    | 0.7                  | 4.6    |                       |  |
| Inflow from Glendo            | kaf | 159.8           | 147.9  | 286.2  | 301.1  | 4.2    | 1.5    | 1.5      | 1.5    | 1.5                   | 1.5    | 1.5                  | 46.3   |                       |  |
| Total Inflow                  | kaf | 167.9           | 151.0  | 288.1  | 302.9  | 9.2    | 5.0    | 3.6      | 3.3    | 2.8                   | 2.8    | 2.2                  | 50.9   |                       |  |
| Total Inflow                  | cfs | 2731.           | 2538.  | 4685.  | 4926.  | 155.   | 81.    | 60.      | 54.    | 46.                   | 50.    | 36.                  | 855.   |                       |  |
| Turbine Release               | kaf | 54.0            | 51.8   | 56.5   | 56.5   | 32.7   | 0.0    | 0.0      | 0.0    | 0.0                   | 0.0    | 0.0                  | 45.1   |                       |  |
| Seepage                       | kaf | 1.2             | 3.0    | 3.1    | 2.5    | 0.3    | 0.3    | 0.2      | 0.3    | 0.4                   | 0.3    | 0.3                  | 0.4    |                       |  |
| Spillway Release              | kaf | 106.7           | 95.2   | 247.4  | 223.0  | 0.0    | 0.0    | 0.0      | 0.0    | 0.0                   | 0.0    | 0.0                  | 0.0    |                       |  |
| Total Release                 | kaf | 161.9           | 150.0  | 307.0  | 282.0  | 33.0   | 0.3    | 0.2      | 0.3    | 0.4                   | 0.3    | 0.3                  | 45.5   |                       |  |
| Total Release                 | cfs | 2633.           | 2521.  | 4993.  | 4586.  | 555.   | 5.     | 3.       | 5.     | 7.                    | 5.     | 5.                   | 765.   |                       |  |
| Evaporation                   | kaf | 0.7             | 1.0    | 1.1    | 0.9    | 0.7    | 0.2    | 0.2      | 0.2    | 0.2                   | 0.2    | 0.3                  | 0.5    |                       |  |
| End-month content             | kaf | 28.0*           | 28.0*  | 8.0*   | 28.0*  | 3.5*   | 8.0    | 11.2     | 14.0   | 16.2                  | 18.5#  | 20.1#                | 25.0*  |                       |  |
| End-month elevation           | ft  | 4411.9          | 4411.9 | 4398.3 | 4411.9 | 4391.8 | 4398.3 | 4401.4   | 4403.6 | 4405.1                | 4406.6 | 4407.6               | 4410.4 |                       |  |



NORTH PLATTE RIVER OPERATING PLAN  
 Year Beginning May 2008

City of Cheyenne

Initial Ownership 8.9 Kaf,

|             |     | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Inflow      | kaf | 0.3 | 1.0 | 0.5 | 0.6 | 0.3 | 0.3 | 0.3 | 0.4 | 0.5 | 0.6 | 0.5 | 0.2 |
| Evaporation | kaf | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| Release     | kaf | 4.0 | 0.6 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ownership   | kaf | 5.1 | 5.4 | 5.4 | 5.9 | 6.2 | 6.5 | 6.8 | 7.2 | 7.7 | 8.3 | 8.7 | 8.8 |

Pacificorp

Initial Ownership 2.0 Kaf,

|             |     | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Inflow      | kaf | 0.4 | 0.4 | 0.4 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Evaporation | kaf | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Release     | kaf | 1.0 | 0.6 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ownership   | kaf | 1.4 | 1.2 | 1.6 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |

Other

Initial Ownership 7.7 Kaf,

|             |     | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Inflow      | kaf | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Evaporation | kaf | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Release     | kaf | 0.1 | 1.5 | 0.3 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ownership   | kaf | 7.5 | 5.9 | 5.5 | 4.5 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |

IRRIGATION DELIVERY

| Kendrick (Casper Canal) |     | May   | Jun   | Jul   | Aug   | Sep  | Oct | Nov | Dec | Jan | Feb | Mar | Apr  |
|-------------------------|-----|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|------|
| Requested               | kaf | 10.0  | 12.0  | 17.0  | 9.0   | 7.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| Delivered               | kaf | 10.0  | 12.0  | 17.0  | 9.0   | 7.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| Kendrick (River)        |     | May   | Jun   | Jul   | Aug   | Sep  | Oct | Nov | Dec | Jan | Feb | Mar | Apr  |
| Requested               | kaf | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| Delivered               | kaf | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| Guernsey Deliveries     |     | May   | Jun   | Jul   | Aug   | Sep  | Oct | Nov | Dec | Jan | Feb | Mar | Apr  |
| North Platte Req        | kaf | 137.8 | 148.0 | 301.0 | 274.0 | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| Glendo Req              | kaf | 19.0  | 2.0   | 6.0   | 8.0   | 3.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| Inland Lakes Req        | kaf | 5.1   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45.5 |
| Total Requirement       | kaf | 161.9 | 150.0 | 307.0 | 282.0 | 33.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45.5 |
| Seepage                 | kaf | 1.2   | 3.0   | 3.1   | 2.5   | 0.3  | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.3 | 0.4  |
| Actual Release          | kaf | 161.9 | 150.0 | 307.0 | 282.0 | 33.0 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.3 | 45.5 |

