

Disclaimer: It is expressly understood that the governing bodies or authorities of the proposed signatories have not approved this draft settlement agreement, including the draft partial final decree, draft settlement act, draft settlement contract and draft settlement summary. These draft documents are provided for discussion purposes only.

STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS (Units: 1000 acre-feet)

November 2003

Year	1990	2000	2010	2020	2030	2040	2050	2060
CURRENT DEPLETIONS (1)								
Agricultural - Irrigation & Stock Use:								
Navajo Irrigation:								
Navajo Indian Irrigation Project (NIIP)	149.4	149.4	149.4	149.4	149.4	149.4	149.4	149.4
Fruitland-Cambridge Irrig. Project	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
Hogback-Cudei Irrigation Project	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	173.7	173.7	173.7	173.7	173.7	173.7	173.7	173.7
Non-Indian Irrigation:								
Above Navajo Dam (inc. Jicarilla)	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7
Upper San Juan (exc. Hammond)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Hammond Irrigation Project	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Animas River ditches	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
La Plata River ditches	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Farmers Mutual Ditch	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Jewett Valley Ditch	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Indian Irrigation Subtotal	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
Stockpond Evaporation and Stock Use	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Agricultural - Irrigation & Stock Total	245.8	245.8	245.8	245.8	246.2	246.2	246.2	246.2
Municipal and Domestic Uses:								
Municipal and Industrial	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
Scattered Rural Domestic (inc. Jicarilla)	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6
Municipal and Domestic Total	10.3	10.3	10.3	10.3	10.4	10.4	10.5	10.5
Power and Industrial Uses:								
PNM - Navajo Reservoir Supply (2)	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton, inc. lease to PNM	37.0	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Power and Industrial Total	55.7	55.7	55.7	56.7	57.7	57.7	57.7	57.7
Export - San Juan-Chama Project	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
Reservoir Evaporation:								
Navajo Reservoir Evaporation	28.3	28.3	27.5	27.0	27.0	27.0	27.0	27.0
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.5	28.7	28.2	28.2	28.2	28.2	28.2
TOTAL CURRENT DEPLETIONS	449.3	449.3	448.5	449.0	450.5	450.5	450.6	450.6
ANTICIPATED DEPLETIONS								
Agricultural - Irrigation & Stock Uses:								
NIIP Completion (3)	0.0	0.0	90.0	104.6	104.6	104.6	104.6	104.6
Fruitland/Hogback Rehabilitation	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0
Agricultural - Irrigation & Stock Total	0.0	0.0	90.0	111.6	111.6	111.6	111.6	111.6
Municipal and Domestic Uses:								
Animas-La Plata Project:								
San Juan Water Commission (4)	0.0	1.0	10.4	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	0.0	0.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Res. Evap. - NM share	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	0.0	1.0	10.4	13.3	13.6	13.6	13.6	13.6
Jicarilla Apache Nation	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Municipal and Domestic Total	0.0	1.0	10.4	13.3	14.0	14.2	14.2	14.2
TOTAL ANTICIPATED DEPLETIONS	0.0	1.0	100.4	124.9	125.6	125.8	125.8	125.8



Year	1990	2000	2010	2020	2030	2040	2050	2060
POTENTIAL DEPLETIONS								
Municipal and Domestic Uses:								
Navajo-Gallup Water Supply Project:								
Navajo Nation	0.0	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal	0.0	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Municipal and Domestic Total	0.0	0.0	0.0	9.7	12.2	15.7	15.7	15.7
Power and Industrial Uses:								
Navajo-Gallup Project - NAPI (5)	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Res. Contracts	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	0.0	0.0	0.1	0.8	0.8	0.8	0.8	0.8
Export - Navajo-Gallup Project								
Navajo Nation in New Mexico (6)	0.0	0.0	0.0	4.0	5.2	6.4	6.4	6.4
City of Gallup (7)	0.0	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Export Total	0.0	0.0	0.0	8.7	11.3	13.9	13.9	13.9
TOTAL POTENTIAL DEPLETIONS	0.0	0.0	0.1	19.2	24.3	30.4	30.4	30.4
TOTAL NEW MEXICO DEPLETIONS (8)	449.3	450.3	549.0	593.1	600.4	606.7	606.8	606.8
Evaporation - CRSP Storage Units (9)	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
TOTAL DEPLETIONS	507.3	508.3	607.0	651.1	658.4	664.7	664.8	664.8
State Share of 6.0 MAF (10)	669.0	669.0	669.0	669.0	669.0	669.0	669.0	669.0
Remaining Available (10,11)	161.7	160.7	62.0	17.9	10.6	4.3	4.2	4.2
Percent of State Share Remaining	24.2%	24.0%	9.3%	2.7%	1.6%	0.6%	0.6%	0.6%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2003.
- (2) Public Service Company of New Mexico (PNM) contract with the Secretary expires 2005; PNM subcontract with Jicarilla Apache Nation effective 2006-2027, with commitment to negotiate in 2022 for a subcontract extension.
- (3) Total Navajo Indian Irrigation Project (NIIP) depletion by 2020 is 254,000 acre-feet, assuming 5% average fallow acreage.
- (4) San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under Animas La-Plata Project permits.
- (5) 700 acre-feet of water from the Navajo-Gallup Water Supply Project would be used by the Navajo Agricultural Products Industry for food processing. This is an agricultural/industrial use.
- (6) This depletion schedule includes uses in New Mexico only and excludes exports by the Navajo-Gallup Project for Navajo Nation uses in Arizona.
- (7) The exports by the Navajo-Gallup Project to the City of Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. To the extent that Gallup's actual demand is less than 7,500 acre-feet in any year, the Jicarilla Apache Nation may use its water for irrigation.
- (8) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses.
- (9) "Evaporation - CRSP Storage Units" refers to the total and individual States' portions of evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Flaming Gorge, Curecanti and Glen Canyon, but exclude Navajo which is used principally for storing water for use in New Mexico. 58,000 acre-feet is New Mexico's portion.
- (10) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this schedule, for planning purposes only, the total Upper Colorado River Basin Allocation is 6.0 million acre-feet, of which 50,000 acre-feet is the Upper Basin allocation to Arizona. This estimate does not constitute an endorsement of the Bureau of Reclamation's 1988 Hydrologic Determination that was approved by the Secretary of the Interior on February 2, 1989. This estimate also does not include salvage by use.
- (11) Reserved.

Anticipated Depletions and Baseline Depletions for the San Juan River Basin in New Mexico (Depletions in 1,000 acre-feet)

10/25/04

Depletion category	Anticipated Annual Depletion for 2060 from Depletion Schedule	Baseline Depletion from Draft EIS on Navajo Dam Operations	Notes
Navajo lands irrigation depletions			
Navajo Indian Irrigation Project	256.5	280.6	Anticipated depletion assumes 270.0 right, full completion of project, and 5% fallow acreage.
Hogback-Cudei Irrigation Project (includes Cudei)	20.2	13.0	Anticipated depletion assumes 21.3 right, full rehabilitation of project, and 5% fallow acreage.
Fruiland-Cambridge Irrigation Project	7.6	7.9	Anticipated depletion assumes 8.0 right, full rehabilitation of project, and 5% fallow acreage.
Chaco River ofstream depletion	3.1	2.8	
Crystal-Whiskey Creek ofstream depletion	0.3	0.5	
Subtotal	287.7	304.8	
Non-Navajo lands irrigation depletions			
Above Navajo Dam (including private and Jicarilla)	1.7	2.9	Anticipated depletions based on original B-C method. Baseline based on modified B-C method. Baseline includes 2.2 for Jicarilla irrigation, but 1.7 is decreed Jicarilla irrigation right.
Animas River	31.7	36.7	
La Plata River	5.1	9.7	
Upper San Juan	8.2	9.1	
Hammond Area	9.2	10.3	Anticipated depletion accounts typical water supply shortages on La Plata River.
Farmers Mutual Ditch (including Westwater)	8.8	9.6	
Jewett Valley	2.8	3.1	
Chaco River ofstream depletion	0.7	0.0	
Subtotal	68.2	81.4	Baseline total without rounding is 81.5.
Total New Mexico irrigation depletions	355.9	386.2	Baseline total without rounding is 386.4.
Non-irrigation depletions			
Navajo Reservoir evaporation	26.5	27.4	Baseline assumes Preferred Alternative in Draft EIS on Navajo Dam Operations.
BHP Billion	39.0	39.0	
PNM - Navajo Reservoir water supply contract	16.2	16.2	
Industrial diversions near Bloomfield	2.6	2.5	Anticipated depletion includes 0.1 for Williams Gas contract.
Municipal and industrial uses (excluding ALP, NGWSP)	9.7	8.5	Does not account transfers from irrigation to municipal uses after 1965.
Animas-La Plata Project	13.6	13.6	
Navajo-Gallup Water Supply Project	29.5	0.0	
Scattered domestic uses (including Jicarilla, Navajo)	3.8	1.4	Anticipated depletion includes 2.0 of potential Navajo uses.
Scattered stock ponds and livestock uses	4.3	2.2	Baseline assumes 50% of total stock and pond uses impact river flow.
Fish and Wildlife (includes small reservoir evaporation)	1.2	1.4	Baseline includes 0.2 for irrigation on Jackson Wildlife Refuge.
Total New Mexico non-irrigation depletions	146.4	112.2	
Other			
San Juan-Chama Project	107.5	107.5	Anticipated depletions included in categories of use. Baseline includes 3.8 used in Colorado.
Unspecified minor depletions	0.0	4.5	
Total New Mexico depletions	609.8	610.4	Baseline total without rounding is 610.6.



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STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

Year	1990	2000	2010	2020	2030	2040	2050	2060
CURRENT DEPLETIONS (1)								
Agricultural - Irrigation & Stock Use:								
Navajo Irrigation:								
Navajo Indian Irrigation Project (NIIP)	149.4	149.4	149.4	149.4	149.4	149.4	149.4	149.4
Fruitland-Cambridge Irrig. Project	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Hogback-Cudei Irrigation Project	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	173.4	173.4	173.4	173.4	173.4	173.4	173.4	173.4
Non-Indian Irrigation:								
Above Navajo Dam (inc. Jicarilla)	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7
Upper San Juan (exc. Hammond)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Hammond Irrigation Project	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Animas River ditches	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
La Plata River ditches	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Farmers Mutual Ditch	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Jewett Valley Ditch	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Indian Irrigation Subtotal	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
Stockpond Evaporation and Stock Use	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Agricultural - Irrigation & Stock Total	245.5	245.5	245.5	245.5	245.9	245.9	245.9	245.9
Municipal and Domestic Uses:								
Municipal and Industrial (2)	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Scattered Rural Domestic (inc. Jicarilla)	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	10.7	10.7	10.7	10.7	10.8	10.8	10.9	10.9
Power and Industrial Uses:								
PNM - Navajo Reservoir contract (3)	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton (4)	37.0	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Power and Industrial Total	55.7	55.7	55.7	56.7	57.7	57.7	57.7	57.7
Export - San Juan-Chama Project (5)	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
Reservoir Evaporation:								
Navajo Reservoir Evaporation (6)	28.3	28.3	28.0	27.7	27.7	27.7	27.7	27.7
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.5	29.2	28.9	28.9	28.9	28.9	28.9
TOTAL CURRENT DEPLETIONS	446.6	446.6	446.3	447.0	448.5	448.5	448.6	448.6
ANTICIPATED DEPLETIONS								
Agricultural - Irrigation & Stock Uses:								
NIIP Completion (7)	0.0	0.0	65.0	100.0	107.1	107.1	107.1	107.1
Fruitland/Hogback Rehabilitation	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
Agricultural - Irrigation & Stock Total	0.0	0.0	65.0	107.2	114.3	114.3	114.3	114.3
Municipal and Domestic Uses:								
Animas-La Plata Project:								
San Juan Water Commission (8)	0.0	1.0	10.4	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Res. Evap. - NM share	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	0.0	1.0	11.4	13.3	13.6	13.6	13.6	13.6
Jicarilla Apache Nation	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Municipal and Domestic Total	0.0	1.0	11.4	13.3	14.0	14.2	14.2	14.2
Power/Industrial Uses - Navajo Nation (9)	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
TOTAL ANTICIPATED DEPLETIONS	0.0	1.3	76.7	120.8	128.6	128.8	128.8	128.8



Year	1990	2000	2010	2020	2030	2040	2050	2060
POTENTIAL DEPLETIONS								
Municipal and Domestic Uses:								
Navajo-Gallup Water Supply Project:								
Navajo Nation	0.0	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal	0.0	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Municipal and Domestic Total	0.0	0.0	0.0	9.7	12.2	15.7	15.7	15.7
Power and Industrial Uses:								
Navajo-Gallup Project - NAPI (10)	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Res. Contracts	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	0.0	0.0	0.1	0.8	0.8	0.8	0.8	0.8
Export - Navajo-Gallup Project:								
Navajo Nation in New Mexico (11)	0.0	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup (12)	0.0	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Export Total	0.0	0.0	0.0	8.7	11.9	15.1	15.1	15.1
TOTAL POTENTIAL DEPLETIONS	0.0	0.0	0.1	19.2	24.9	31.6	31.6	31.6
TOTAL NEW MEXICO DEPLETIONS (13)	446.6	447.9	523.1	587.0	602.0	608.9	609.0	609.0
Evaporation - CRSP Storage Units (14)	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
TOTAL DEPLETIONS	504.6	505.9	581.1	645.0	660.0	666.9	667.0	667.0
State Share of 6.0 MAF (15)	669.4	669.4	669.4	669.4	669.4	669.4	669.4	669.4
Remaining Available (15,16)	164.8	163.5	88.3	24.4	9.4	2.5	2.4	2.4
Percent of State Share Remaining	24.6%	24.4%	13.2%	3.6%	1.4%	0.4%	0.4%	0.4%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2003.
- (2) Based on 1990 uses and 30% return flow from full diversion of Farmington's municipal water supply rights under the Echo Ditch Decree and License 2995. Otherwise excludes transfers of irrigation rights to municipal uses, and excludes the Animas-La Plata and Navajo-Gallup projects.
- (3) Public Service Company of New Mexico (PNM) contract with the Secretary expires 2005; PNM subcontract with Jicarilla Apache Nation effective 2006-2027, with commitment to negotiate in 2022 for a subcontract extension.
- (4) Includes uses under New Mexico State Engineer File No. 2838 at the Four Corners Power Plant, the San Juan Generating Station, and related mines.
- (5) Based on hydrologic record updated through 2000.
- (6) Based on September 2004 Biological Assessment for the Navajo-Gallup Water Supply Project. A small amount of Navajo Reservoir evaporation may be charged to Arizona's Upper Basin apportionment to the extent that reservoir storage is used to supply Navajo-Gallup Project uses in Arizona.
- (7) Total Navajo Indian Irrigation Project (NIIP) depletion by 2030 is 256,500 acre-feet, assuming 5% average fallow acreage. This amount does not include the depletions on the Hogback-Cudei and Fruitland-Cambridge irrigation projects that would be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (8) San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under Animas La-Plata Project permits.
- (9) Industrial uses near Shiprock (diversion of about 300 acre-feet per year assumed fully depleted).
- (10) 700 acre-feet of water from the Navajo-Gallup Water Supply Project would be used by the Navajo Agricultural Products Industry for food processing. This is an agricultural/industrial use.
- (11) This depletion schedule includes uses in New Mexico only and excludes exports by the Navajo-Gallup Project for Navajo Nation uses in Arizona.
- (12) The exports by the Navajo-Gallup Project to the City of Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. To the extent that Gallup's actual demand is less than 7,500 acre-feet, the Jicarilla Apache Nation could use its water for irrigation or other uses.
- (13) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses.
- (14) "Evaporation - CRSP Storage Units" refers to the total and individual States' portions of evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Flaming Gorge, Curecanti and Glen Canyon, but exclude Navajo which is used principally for storing water for use in New Mexico. 58,000 acre-feet is New Mexico's portion.
- (15) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this schedule, for planning purposes only, the total Upper Colorado River Basin Allocation is 6.0 million acre-feet, of which 50,000 acre-feet is the Upper Basin allocation to Arizona. This estimate does not constitute an endorsement of the Bureau of Reclamation's 1988 Hydrologic Determination that was approved by the Secretary of the Interior on February 2, 1989. This estimate also does not include salvage by use.
- (16) Reserved.

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11/27/04

Anticipated Depletions and Baseline Depletions for the San Juan River Basin in New Mexico
(Depletions in 1,000 acre-feet)

Depletion category	Anticipated Annual Depletion for 2060 from Depletion Schedule	Baseline Depletion from Draft EIS on Navajo Dam Operations	Notes
Navajo lands irrigation depletions			
Navajo Indian Irrigation Project	256.5	280.6	Anticipated depletion assumes 270.0 right, full completion of project, and 5% fallow acreage.
Hogback-Cudei Irrigation Project (includes Cudei)	20.2	13.0	Anticipated depletion assumes 21.3 right, full rehabilitation of project, and 5% fallow acreage.
Fruiland-Cambridge Irrigation Project	7.6	7.9	Anticipated depletion assumes 8.0 right, full rehabilitation of project, and 5% fallow acreage.
Chaco River offstream depletion	3.1	2.8	Irrigation uses in Chaco River drainage not explicitly modeled in San Juan Basin hydrology model.
Crystal-Whiskey Creek offstream depletion	0.3	0.5	Irrigation uses in Crystal area not explicitly modeled in San Juan Basin hydrology model.
Subtotal	287.7	304.8	
Non-Navajo lands irrigation depletions			
Above Navajo Dam (including private and Jicarilla)	1.7	2.9	Anticipated depletions based on original B-C method. Baseline based on modified B-C method. Baseline includes 2.2 for Jicarilla irrigation, but 1.7 is decreed Jicarilla irrigation right.
Animas River	31.7	36.7	
La Plata River	5.1	9.7	Anticipated depletion accounts typical water supply shortages on La Plata River.
Upper San Juan	8.2	9.1	
Hammond Area	9.2	10.3	
Farmers Mutual Ditch (including Westwater)	8.8	9.6	
Jewell Valley	2.8	3.1	
Chaco River offstream depletion	0.7	0.0	Irrigation uses in Chaco River drainage not explicitly modeled in San Juan Basin hydrology model.
Subtotal	68.2	81.4	Baseline total without rounding is 81.5.
Total New Mexico Irrigation depletions	355.9	386.2	Baseline total without rounding is 386.4.
Non-irrigation depletions			
Navajo Reservoir evaporation	27.7	27.4	Baseline assumes Preferred Alternative in Draft EIS on Navajo Dam Operations without NGWSP.
BHP Billion	39.0	39.0	
PNM - Navajo Reservoir water supply contract	16.2	16.2	Supplied under subcontract with Jicarilla Apache Nation beginning 2006.
Industrial diversions near Bloomfield	2.6	2.5	Anticipated depletion includes 0.1 for Williams Gas contract.
Municipal and industrial uses (excluding ALP, NGWSP)	9.7	8.5	Does not account transfers from irrigation to municipal uses after 1965.
Animas-La Plata Project	13.6	13.6	
Navajo-Gallup Water Supply Project	29.5	0.0	NGWSP uses in New Mexico: 20.8 for Navajo uses, plus 8.7 supplied through Jicarilla contract.
Scattered domestic uses (including Jicarilla, Navajo)	3.8	1.4	Anticipated depletion includes 2.0 of potential Navajo municipal and industrial uses per settlement.
Scattered stock ponds and livestock uses	4.3	2.2	Baseline assumes that impact on San Juan River flow is 50% of 4.3 total stock and pond uses.
Fish and Wildlife (includes small reservoir evaporation)	1.2	1.4	Baseline includes 0.2 at Jackson Refuge, which is included in anticipated La Plata irrig. depletion.
Industrial diversions near Shiprock	0.3	0.0	
Unspecified minor depletions	0.0	4.5	Anticipated depletions in NM included in specified uses. San Juan model includes 4.5 allowance for minor depletions in CO and NM, but only 0.1 short-term use in NM chargeable to allowance.
Total New Mexico non-irrigation depletions	147.9	116.7	
San Juan-Chama Project	105.2	107.5	Anticipated depletion updated for extension of hydrologic record to include 1994-2000.
Total New Mexico depletions	609.0	610.4	Baseline total without rounding is 610.6.



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Anticipated Depletions and Baseline Depletions for the San Juan River Basin in New Mexico
(Depletions in 1,000 acre-feet)

12/2/04

Depletion category	Anticipated Annual Depletion for 2060 from Depletion Schedule	Baseline Depletion from Draft EIS on Navajo Dam Operations	Notes
Navajo lands irrigation depletions			
Navajo Indian Irrigation Project	256.5	280.6	Anticipated depletion assumes 270.0 right, full completion of project, and 5% fallow acreage.
Hogback-Cudei Irrigation Project (includes Cudei).	20.2	13.0	Anticipated depletion assumes 21.3 right, full rehabilitation of project, and 5% fallow acreage.
Fruitland-Cambidge Irrigation Project	7.6	7.9	Anticipated depletion assumes 8.0 right, full rehabilitation of project, and 5% fallow acreage.
Chaco River offstream depletion	3.1	2.8	Irrigation uses in Chaco River drainage not explicitly modeled in San Juan Basin hydrology model.
Crystal-Whiskey Creek offstream depletion	0.3	0.5	Irrigation uses in Crystal area not explicitly modeled in San Juan Basin hydrology model.
Subtotal	287.7	304.8	
Non-Navajo lands irrigation depletions			
Above Navajo Dam (including private and Jicarilla)	1.7	2.9	Anticipated depletions based on original B-C method. Baseline based on modified B-C method. Baseline includes 2.2 for Jicarilla irrigation, but 1.7 is decreed Jicarilla irrigation right.
Animas River	31.7	36.7	
La Plata River	5.1	9.7	Anticipated depletion accounts typical water supply shortages on La Plata River.
Upper San Juan	8.2	9.1	
Hammond Area	9.2	10.3	
Farmers Mutual Ditch (including Westwater)	8.8	9.6	
Jewett Valley	2.8	3.1	
Chaco River offstream depletion	0.7	0.0	Irrigation uses in Chaco River drainage not explicitly modeled in San Juan Basin hydrology model.
Subtotal	68.2	81.4	Baseline total without rounding is 81.5.
Total New Mexico irrigation depletions	355.9	386.2	Baseline total without rounding is 386.4.
Non-irrigation depletions			
Navajo Reservoir evaporation	27.7	27.4	Baseline assumes Preferred Alternative in Draft EIS on Navajo Dam Operations without NGWSP.
BHP Billion	39.0	39.0	
PNM - Navajo Reservoir water supply contract	16.2	16.2	Supplied under subcontract with Jicarilla Apache Nation beginning 2006.
Industrial diversions near Bloomfield	2.6	2.5	Anticipated depletion includes 0.1 for Williams Gas contract.
Municipal and industrial uses (excluding A.L.P.,NGWSP)	9.7	8.5	Does not account transfers from irrigation to municipal uses after 1965.
Animas-La Plata Project	13.6	13.6	
Navajo-Gallup Water Supply Project	29.5	0.0	NGWSP uses in New Mexico: 20.8 for Navajo uses, plus 8.7 supplied through Jicarilla contract.
Scattered domestic uses (including Jicarilla, Navajo)	3.8	1.4	Anticipated depletion includes 2.0 of potential Navajo municipal and industrial uses per settlement.
Scattered stock ponds and livestock uses	4.3	2.2	Baseline assumes that impact on San Juan River flow is 50% of 4.3 total stock and pond uses.
Fish and Wildlife (Includes small reservoir evaporation)	1.2	1.4	Baseline includes 0.2 at Jackson Refuge, which is included in anticipated La Plata irrig. depletion.
Industrial diversions near Shiprock	0.3	0.0	
Unspecified minor depletions	0.0	4.5	Anticipated depletions in NM included in specified uses. San Juan model includes 4.5 allowance for minor depletions in CO and NM, but only 0.1 short-term use in NM chargeable to allowance.
Total New Mexico non-irrigation depletions	147.9	116.7	
San Juan-Chama Project	105.2	107.5	Anticipated depletion updated for extension of hydrologic record to include 1994-2000.
Total New Mexico depletions	609.0	610.4	Baseline total without rounding is 610.6.

Note: The baseline in the September 2004 Biological Assessment for the Navajo-Gallup Water Supply Project includes also 6,570 acre-feet for the Jicarilla Apache Nation's Navajo River Water Supply Project pursuant to the Biological Opinion previously completed on the latter project. However, the Jicarilla depletions associated with the latter project and some of the other Jicarilla depletions above Navajo Dam would be used instead under the Navajo-Gallup Project for Jicarilla uses under the Project and for lease to supply the City of Gallup.



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STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

Year	1990	2000	2010	2020	2030	2040	2050	2060
CURRENT DEPLETIONS (1)								
Agricultural - Irrigation & Stock Use:								
Navajo Irrigation:								
Navajo Indian Irrigation Project (NIIP)	149.4	149.4	149.4	149.4	149.4	149.4	149.4	149.4
Fruitland-Cambridge Irrig. Project	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Hogback-Cudei Irrigation Project	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	173.4	173.4	173.4	173.4	173.4	173.4	173.4	173.4
Non-Indian Irrigation:								
Above Navajo Dam (inc. Jicarilla)	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7
Upper San Juan (exc. Hammond)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Hammond Irrigation Project	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Animas River ditches	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
La Plata River ditches	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Farmers Mutual Ditch	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Jewett Valley Ditch	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Indian Irrigation Subtotal	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
Stockpond Evaporation and Stock Use	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Agricultural - Irrigation & Stock Total	245.5	245.5	245.5	245.5	245.9	245.9	245.9	245.9
Municipal and Domestic Uses:								
Municipal and Industrial (2)	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Scattered Rural Domestic (inc. Jicarilla)	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	10.7	10.7	10.7	10.7	10.8	10.8	10.9	10.9
Power and Industrial Uses:								
PNM - Navajo Reservoir contract (3)	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton (4)	37.0	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Power and Industrial Total	55.7	55.7	55.7	56.7	57.7	57.7	57.7	57.7
Export - San Juan-Chama Project (5)	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
Reservoir Evaporation:								
Navajo Reservoir Evaporation (6)	28.3	28.3	28.0	27.7	27.7	27.7	27.7	27.7
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.5	29.2	28.9	28.9	28.9	28.9	28.9
TOTAL CURRENT DEPLETIONS	446.6	446.6	446.3	447.0	448.5	448.5	448.6	448.6
ANTICIPATED DEPLETIONS								
Agricultural - Irrigation & Stock Uses:								
NIIP Completion (7)	0.0	0.0	65.0	100.0	107.1	107.1	107.1	107.1
Fruitland/Hogback Rehabilitation	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
Agricultural - Irrigation & Stock Total	0.0	0.0	65.0	107.2	114.3	114.3	114.3	114.3
Municipal and Domestic Uses:								
Animas-La Plata Project:								
San Juan Water Commission (8)	0.0	1.0	10.4	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Res. Evap. - NM share	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	0.0	1.0	11.4	13.3	13.6	13.6	13.6	13.6
Jicarilla Apache Nation	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Municipal and Domestic Total	0.0	1.0	11.4	13.3	14.0	14.2	14.2	14.2
Power/Industrial Uses - Navajo Nation (9)	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
TOTAL ANTICIPATED DEPLETIONS	0.0	1.3	76.7	120.8	128.6	128.8	128.8	128.8



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Year	1990	2000	2010	2020	2030	2040	2050	2060
POTENTIAL DEPLETIONS								
Municipal and Domestic Uses:								
Navajo-Gallup Water Supply Project:								
Navajo Nation	0.0	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal	0.0	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Municipal and Domestic Total	0.0	0.0	0.0	9.7	12.2	15.7	15.7	15.7
Power and Industrial Uses:								
Navajo-Gallup Project - NAPI (10)	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Res. Contracts	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	0.0	0.0	0.1	0.8	0.8	0.8	0.8	0.8
Export - Navajo-Gallup Project:								
Navajo Nation in New Mexico (11)	0.0	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup (12)	0.0	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Export Total	0.0	0.0	0.0	8.7	11.9	15.1	15.1	15.1
TOTAL POTENTIAL DEPLETIONS	0.0	0.0	0.1	19.2	24.9	31.6	31.6	31.6
TOTAL NEW MEXICO DEPLETIONS (13)	446.6	447.9	523.1	587.0	602.0	608.9	609.0	609.0
Evaporation - CRSP Storage Units (14)	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
TOTAL DEPLETIONS	504.6	505.9	581.1	645.0	660.0	666.9	667.0	667.0
State Share of 6.0 MAF (15)	669.4	669.4	669.4	669.4	669.4	669.4	669.4	669.4
Remaining Available (15,16)	164.8	163.5	88.3	24.4	9.4	2.5	2.4	2.4
Percent of State Share Remaining	24.6%	24.4%	13.2%	3.6%	1.4%	0.4%	0.4%	0.4%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2003.
- (2) Based on 1990 uses and 30% return flow from full diversion of Farmington's municipal water supply rights under the Echo Ditch Decree and License 2995. Otherwise excludes transfers of irrigation rights to municipal uses, and excludes the Animas-La Plata and Navajo-Gallup projects.
- (3) Public Service Company of New Mexico (PNM) contract with the Secretary expires 2005; PNM subcontract with Jicarilla Apache Nation effective 2006-2027, with commitment to negotiate in 2022 for a subcontract extension.
- (4) Includes uses under New Mexico State Engineer File No. 2838 at the Four Corners Power Plant, the San Juan Generating Station, and related mines.
- (5) Based on hydrologic record updated through 2000.
- (6) Based on September 2004 Biological Assessment for the Navajo-Gallup Water Supply Project. A small amount of Navajo Reservoir evaporation may be charged to Arizona's Upper Basin apportionment to the extent that reservoir storage is used to supply Navajo-Gallup Project uses in Arizona.
- (7) Total Navajo Indian Irrigation Project (NIIP) depletion by 2030 is 256,500 acre-feet, assuming 5% average fallow acreage. This amount does not include the depletions on the Hogback-Cudei and Fruitland-Cambridge irrigation projects that would be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (8) San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under Animas La-Plata Project permits.
- (9) Industrial uses near Shiprock (diversion of about 300 acre-feet per year assumed fully depleted).
- (10) 700 acre-feet of water from the Navajo-Gallup Water Supply Project would be used by the Navajo Agricultural Products Industry for food processing. This is an agricultural/industrial use.
- (11) This depletion schedule includes uses in New Mexico only and excludes exports by the Navajo-Gallup Project for Navajo Nation uses in Arizona.
- (12) The exports by the Navajo-Gallup Project to the City of Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. To the extent that Gallup's actual demand is less than 7,500 acre-feet, the Jicarilla Apache Nation could use its water for irrigation or other uses.
- (13) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses.
- (14) "Evaporation - CRSP Storage Units" refers to the total and individual States' portions of evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Flaming Gorge, Curecanti and Glen Canyon, but exclude Navajo which is used principally for storing water for use in New Mexico. 58,000 acre-feet is New Mexico's portion.
- (15) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this schedule, for planning purposes only, the total Upper Colorado River Basin Allocation is 6.0 million acre-feet, of which 50,000 acre-feet is the Upper Basin allocation to Arizona. This estimate does not constitute an endorsement of the Bureau of Reclamation's 1988 Hydrologic Determination that was approved by the Secretary of the Interior on February 2, 1989. This estimate also does not include salvage by use.
- (16) Reserved.



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Anticipated Depletions and Baseline Depletions for the San Juan River Basin in New Mexico
(Depletions in 1,000 acre-feet per year)

12/8/04

Depletion category	Anticipated Annual Depletion for 2060 from Depletion Schedule	Baseline Depletion from Draft EIS on Navajo Dam Operations	Notes
Navajo lands irrigation depletions:			
Navajo Indian Irrigation Project	256.5	280.6	Anticipated depletion assumes 270.0 right, full completion of project, and 5% fallow acreage.
Hoback-Cuddei Irrigation Project (includes Cuddei)	20.2	13.0	Anticipated depletion assumes 21.3 right, full rehabilitation of project, and 5% fallow acreage.
Fruitland-Cambridge Irrigation Project	7.6	7.9	Anticipated depletion assumes 8.0 right, full rehabilitation of project, and 5% fallow acreage.
Chaco River drainage	3.1	2.8	Irrigation uses in Chaco River drainage not explicitly modeled in San Juan Basin hydrology model.
Crystal-Whiskey Creek area	0.3	0.5	Irrigation uses in Crystal area not explicitly modeled in San Juan Basin hydrology model.
Subtotal	287.7	304.8	
Non-Navajo lands irrigation depletions:			
Above Navajo Dam (including private and Jicarilla)	1.7	2.9	Anticipated depletions based on original B-C method. Baseline based on modified B-C method.
Animas River drainage	31.7	36.7	Baseline includes 2.2 for Jicarilla irrigation, but 1.7 is decreed Jicarilla irrigation right.
La Plata River drainage	5.1	9.7	Anticipated depletion accounts typical water supply shortages on La Plata River.
Upper San Juan River area (excluding Hammond)	8.2	9.1	
Hammond Project area	9.2	10.3	
Farmers Mutual Ditch (including Westwater area)	8.8	9.6	
Jewett Valley Ditch	2.8	3.1	
Chaco River drainage	0.7	0.0	Irrigation uses in Chaco River drainage not explicitly modeled in San Juan Basin hydrology model.
Subtotal	68.2	81.4	
Total Irrigation depletions in Basin	355.9	386.2	Baseline total without rounding is 386.4.
Non-irrigation depletions:			
Navajo Reservoir evaporation	27.7	27.4	Baseline assumes Preferred Alternative in Draft EIS on Navajo Dam Operations without NGWSP.
BHP-Billinton	39.0	39.0	Supplied under subcontract with Jicarilla Apache Nation beginning 2006.
PNM - Navajo Reservoir water supply contract	16.2	16.2	Anticipated depletion includes 0.1 for Williams Gas contract.
Industrial diversions near Bloomfield	2.6	2.5	Does not account transfers from irrigation to municipal uses after 1965.
Municipal & Industrial uses (excluding ALP, NGWSP)	9.7	8.5	Includes NM share of Ridges Basin Reservoir evaporation.
Animas-La Plata Project	13.6	13.6	NGWSP uses in New Mexico: 20.8 for Navajo uses, plus 8.7 supplied through Jicarilla contract.
Navajo-Gallup Water Supply Project	29.5	0.0	Anticipated depletion includes 2.0 of potential Navajo municipal and industrial uses per settlement.
Scattered domestic uses (including Jicarilla, Navajo)	3.8	1.4	Baseline assumes the impact on San Juan River flow is 50% of 4.3 total pond evap. and stock use.
Scattered stock pond evap. and livestock uses	4.3	2.2	Baseline includes 0.2 at Jackson Refuge, which is included in anticipated La Plata irrig. depletion.
Fish & wildlife (includes small reservoir evaporation)	1.2	1.2	
Industrial diversions near Shiprock	0.3	0.0	
Unspecified minor depletions	0.0	4.5	Anticipated depletions in NM included in specified uses. San Juan model includes 4.5 allowance for minor depletions in CO and NM, but only 0.1 short-term use in NM chargeable to allowance.
Total non-irrigation depletions in Basin	147.9	116.7	
San Juan-Chama Project	105.2	107.5	Anticipated depletion updated for extension of hydrologic record to include 1994-2000.
Total New Mexico depletions	609.0	610.4	Baseline total without rounding is 610.6.

Note: The baseline in the September 2004 Biological Assessment for the Navajo-Gallup Water Supply Project includes also 6,570 acre-feet for the Jicarilla Apache Nation's Navajo River Water Supply Project pursuant to the Biological Opinion previously completed on the latter project. However, the Jicarilla depletions associated with the latter project and some of the other Jicarilla depletions above Navajo Dam would be "transferred" to uses under the Navajo-Gallup Project, including Jicarilla uses and a lease to supply the City of Gallup. The Biological Assessment for the Navajo-Gallup Project includes about 29,500 acre-feet of depletion for the Project in New Mexico in addition to the baseline depletions shown above.



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STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

Year	1990	2000	2010	2020	2030	2040	2050	2060
CURRENT DEPLETIONS (1)								
Agricultural - Irrigation & Stock Use:								
Navajo Irrigation:								
Navajo Indian Irrigation Project (NIIP)	149.4	149.4	149.4	149.4	149.4	149.4	149.4	149.4
Fruitland-Cambridge Irrig. Project	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Hogback-Cudei Irrigation Project	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	173.4	173.4	173.4	173.4	173.4	173.4	173.4	173.4
Non-Indian Irrigation:								
Above Navajo Dam (inc. Jicarilla)	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7
Upper San Juan (exc. Hammond)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Hammond Irrigation Project	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Animas River ditches	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
La Plata River ditches	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Farmers Mutual Ditch	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Jewett Valley Ditch	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Indian Irrigation Subtotal	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
Stockpond Evaporation and Stock Use	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Agricultural - Irrigation & Stock Total	245.5	245.5	245.5	245.5	245.9	245.9	245.9	245.9
Municipal and Domestic Uses:								
Municipal and Industrial	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Scattered Rural Domestic (inc. Jicarilla)	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	10.7	10.7	10.7	10.7	10.8	10.8	10.9	10.9
Power and Industrial Uses:								
PNM - Navajo Reservoir Supply (2)	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton, inc. lease to PNM	37.0	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Power and Industrial Total	55.7	55.7	55.7	56.7	57.7	57.7	57.7	57.7
Export - San Juan-Chama Project	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
Reservoir Evaporation:								
Navajo Reservoir Evaporation (3)	28.3	28.3	27.0	26.5	26.5	26.5	26.5	26.5
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.5	28.2	27.7	27.7	27.7	27.7	27.7
TOTAL CURRENT DEPLETIONS	448.9	448.9	447.6	448.1	449.6	449.6	449.7	449.7
ANTICIPATED DEPLETIONS								
Agricultural - Irrigation & Stock Uses:								
NIIP Completion (4)	0.0	0.0	80.0	104.6	104.6	104.6	104.6	104.6
Fruitland/Hogback Rehabilitation	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
Agricultural - Irrigation & Stock Total	0.0	0.0	80.0	111.8	111.8	111.8	111.8	111.8
Municipal and Domestic Uses:								
Animas-La Plata Project:								
San Juan Water Commission (5)	0.0	1.0	10.4	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Res. Evap. - NM share	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	0.0	1.0	11.4	13.3	13.6	13.6	13.6	13.6
Jicarilla Apache Nation	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Municipal and Domestic Total	0.0	1.0	11.4	13.3	14.0	14.2	14.2	14.2
TOTAL ANTICIPATED DEPLETIONS	0.0	1.0	91.4	125.1	125.8	126.0	126.0	126.0

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Year	1990	2000	2010	2020	2030	2040	2050	2060
POTENTIAL DEPLETIONS								
Municipal and Domestic Uses:								
Navajo-Gallup Water Supply Project:								
Navajo Nation	0.0	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal	0.0	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Municipal and Domestic Total	0.0	0.0	0.0	9.7	12.2	15.7	15.7	15.7
Power and Industrial Uses:								
Navajo-Gallup Project - NAPI (6)	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Res. Contracts	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	0.0	0.0	0.1	0.8	0.8	0.8	0.8	0.8
Export - Navajo-Gallup Project:								
Navajo Nation in New Mexico (7)	0.0	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup (8)	0.0	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Export Total	0.0	0.0	0.0	8.7	11.9	15.1	15.1	15.1
TOTAL POTENTIAL DEPLETIONS	0.0	0.0	0.1	19.2	24.9	31.6	31.6	31.6
TOTAL NEW MEXICO DEPLETIONS (9)	448.9	449.9	539.1	592.4	600.3	607.2	607.3	607.3
Evaporation - CRSP Storage Units (10)	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
TOTAL DEPLETIONS	506.9	507.9	597.1	650.4	658.3	665.2	665.3	665.3
State Share of 6.0 MAF (11)	669.0	669.0	669.0	669.0	669.0	669.0	669.0	669.0
Remaining Available (11,12)	162.1	161.1	71.9	18.6	10.7	3.8	3.7	3.7
Percent of State Share Remaining	24.2%	24.1%	10.7%	2.8%	1.6%	0.6%	0.6%	0.6%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2003.
- (2) Public Service Company of New Mexico (PNM) contract with the Secretary expires 2005; PNM subcontract with Jicarilla Apache Nation effective 2006-2027, with commitment to negotiate in 2022 for a subcontract extension.
- (3) Up to a few hundred acre-feet of Navajo Reservoir evaporation may be allocated or charged to Arizona's Upper Basin apportionment depending on the extent to which reservoir storage is used to service the portion of the Navajo-Gallup Water Supply Project uses that are in Arizona.
- (4) Total Navajo Indian Irrigation Project (NIIP) depletion by 2020 is 254,000 acre-feet, assuming 5% average fallow acreage. This amount does not include the depletions on the Hogback-Cudei and Fruitland-Cambridge irrigation projects that would be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (5) San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under Animas La-Plata Project permits.
- (6) 700 acre-feet of water from the Navajo-Gallup Water Supply Project would be used by the Navajo Agricultural Products Industry for food processing. This is an agricultural/industrial use.
- (7) This depletion schedule includes uses in New Mexico only and excludes exports by the Navajo-Gallup Project for Navajo Nation uses in Arizona.
- (8) The exports by the Navajo-Gallup Project to the City of Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. To the extent that Gallup's actual demand is less than 7,500 acre-feet, the Jicarilla Apache Nation could use its water for irrigation or other uses.
- (9) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses.
- (10) "Evaporation - CRSP Storage Units" refers to the total and individual States' portions of evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Flaming Gorge, Curecanti and Glen Canyon, but exclude Navajo which is used principally for storing water for use in New Mexico. 58,000 acre-feet is New Mexico's portion.
- (11) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this schedule, for planning purposes only, the total Upper Colorado River Basin Allocation is 6.0 million acre-feet, of which 50,000 acre-feet is the Upper Basin allocation to Arizona. This estimate does not constitute an endorsement of the Bureau of Reclamation's 1988 Hydrologic Determination that was approved by the Secretary of the Interior on February 2, 1989. This estimate also does not include salvage by use.
- (12) Reserved.

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STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

Year	1990	2000	2010	2020	2030	2040	2050	2060
CURRENT DEPLETIONS (1)								
Agricultural - Irrigation & Stock Use:								
Navajo Irrigation:								
Navajo Indian Irrigation Project (NIIP)	149.4	149.4	149.4	149.4	149.4	149.4	149.4	149.4
Fruitland-Cambridge Irrig. Project	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Hogback-Cudei Irrigation Project	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	173.4	173.4	173.4	173.4	173.4	173.4	173.4	173.4
Non-Indian Irrigation:								
Above Navajo Dam (inc. Jicarilla)	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7
Upper San Juan (exc. Hammond)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Hammond Irrigation Project	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Animas River ditches	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
La Plata River ditches	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Farmers Mutual Ditch	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Jewett Valley Ditch	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Indian Irrigation Subtotal	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
Stockpond Evaporation and Stock Use	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Agricultural - Irrigation & Stock Total	245.5	245.5	245.5	245.5	245.9	245.9	245.9	245.9
Municipal and Domestic Uses:								
Municipal and Industrial	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Scattered Rural Domestic (inc. Jicarilla)	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	10.7	10.7	10.7	10.7	10.8	10.8	10.9	10.9
Power and Industrial Uses:								
PNM - Navajo Reservoir contract (2)	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton (3)	37.0	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Power and Industrial Total	55.7	55.7	55.7	56.7	57.7	57.7	57.7	57.7
Export - San Juan-Chama Project	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
Reservoir Evaporation:								
Navajo Reservoir Evaporation (4)	28.3	28.3	27.0	26.5	26.5	26.5	26.5	26.5
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.5	28.2	27.7	27.7	27.7	27.7	27.7
TOTAL CURRENT DEPLETIONS	448.9	448.9	447.6	448.1	449.6	449.6	449.7	449.7
ANTICIPATED DEPLETIONS								
Agricultural - Irrigation & Stock Uses:								
NIIP Completion (5)	0.0	0.0	80.0	104.6	104.6	104.6	104.6	104.6
Fruitland/Hogback Rehabilitation	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
Agricultural - Irrigation & Stock Total	0.0	0.0	80.0	111.8	111.8	111.8	111.8	111.8
Municipal and Domestic Uses:								
Animas-La Plata Project:								
San Juan Water Commission (6)	0.0	1.0	10.4	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Res. Evap. - NM share	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	0.0	1.0	11.4	13.3	13.6	13.6	13.6	13.6
Jicarilla Apache Nation	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Municipal and Domestic Total	0.0	1.0	11.4	13.3	14.0	14.2	14.2	14.2
TOTAL ANTICIPATED DEPLETIONS	0.0	1.0	91.4	125.1	125.8	126.0	126.0	126.0



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Year	1990	2000	2010	2020	2030	2040	2050	2060
POTENTIAL DEPLETIONS								
Municipal and Domestic Uses:								
Navajo-Gallup Water Supply Project:								
Navajo Nation	0.0	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal	0.0	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Municipal and Domestic Total	0.0	0.0	0.0	9.7	12.2	15.7	15.7	15.7
Power and Industrial Uses:								
Navajo-Gallup Project - NAPI (7)	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Res. Contracts	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	0.0	0.0	0.1	0.8	0.8	0.8	0.8	0.8
Export - Navajo-Gallup Project:								
Navajo Nation in New Mexico (8)	0.0	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup (9)	0.0	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Export Total	0.0	0.0	0.0	8.7	11.9	15.1	15.1	15.1
TOTAL POTENTIAL DEPLETIONS	0.0	0.0	0.1	19.2	24.9	31.6	31.6	31.6
TOTAL NEW MEXICO DEPLETIONS (10)	448.9	449.9	539.1	592.4	600.3	607.2	607.3	607.3
Evaporation - CRSP Storage Units (11)	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
TOTAL DEPLETIONS	506.9	507.9	597.1	650.4	658.3	665.2	665.3	665.3
State Share of 6.0 MAF (12)	669.4	669.4	669.4	669.4	669.4	669.4	669.4	669.4
Remaining Available (12,13)	162.5	161.5	72.3	19.0	11.1	4.2	4.1	4.1
Percent of State Share Remaining	24.3%	24.1%	10.8%	2.8%	1.7%	0.6%	0.6%	0.6%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2003.
- (2) Public Service Company of New Mexico (PNM) contract with the Secretary expires 2005; PNM subcontract with Jicarilla Apache Nation effective 2006-2027, with commitment to negotiate in 2022 for a subcontract extension.
- (3) Includes uses under New Mexico State Engineer File No. 2838 at the Four Corners Power Plant, the San Juan Generating Station, and related mines.
- (4) Up to a few hundred acre-feet of Navajo Reservoir evaporation may be allocated or charged to Arizona's Upper Basin apportionment depending on the extent to which reservoir storage is used to service the portion of the Navajo-Gallup Water Supply Project uses that are in Arizona.
- (5) Total Navajo Indian Irrigation Project (NIIP) depletion by 2020 is 254,000 acre-feet, assuming 5% average fallow acreage. This amount does not include the depletions on the Hogback-Cudej and Fruitland-Cambridge irrigation projects that would be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (6) San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under Animas La-Plata Project permits.
- (7) 700 acre-feet of water from the Navajo-Gallup Water Supply Project would be used by the Navajo Agricultural Products Industry for food processing. This is an agricultural/industrial use.
- (8) This depletion schedule includes uses in New Mexico only and excludes exports by the Navajo-Gallup Project for Navajo Nation uses in Arizona.
- (9) The exports by the Navajo-Gallup Project to the City of Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. To the extent that Gallup's actual demand is less than 7,500 acre-feet, the Jicarilla Apache Nation could use its water for irrigation or other uses.
- (10) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses.
- (11) "Evaporation - CRSP Storage Units" refers to the total and individual States' portions of evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Flaming Gorge, Curecanti and Glen Canyon, but exclude Navajo which is used principally for storing water for use in New Mexico. 58,000 acre-feet is New Mexico's portion.
- (12) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this schedule, for planning purposes only, the total Upper Colorado River Basin Allocation is 6.0 million acre-feet, of which 50,000 acre-feet is the Upper Basin allocation to Arizona. This estimate does not constitute an endorsement of the Bureau of Reclamation's 1988 Hydrologic Determination that was approved by the Secretary of the Interior on February 2, 1989. This estimate also does not include salvage by use.
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Disclaimer: This document is a product of New Mexico Interstate Stream Commission staff only and is not a settlement document. It is expressly understood that the governing bodies or authorities of the proposed signatories have not approved the revised draft settlement agreement, including the revised draft partial final decree, draft supplemental partial final decree, revised draft settlement act and revised draft settlement contract. New Mexico Interstate Stream Commission staff also prepared the revised draft executive summary of the proposed settlement and the draft responses to public comments on drafts of the settlement.

STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

Year	1990	2000	2010	2020	2030	2040	2050	2060
CURRENT DEPLETIONS (1)								
Agricultural - Irrigation & Stock Use:								
Navajo Irrigation:								
Navajo Indian Irrigation Project (NIIP)	149.4	149.4	149.4	149.4	149.4	149.4	149.4	149.4
Fruitland-Cambridge Irrig. Project	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Hogback-Cudei Irrigation Project	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	173.4	173.4	173.4	173.4	173.4	173.4	173.4	173.4
Non-Indian Irrigation:								
Above Navajo Dam (inc. Jicarilla)	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7
Upper San Juan (exc. Hammond)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Hammond Irrigation Project	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Animas River ditches	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
La Plata River ditches	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Farmers Mutual Ditch	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Jewett Valley Ditch	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Indian Irrigation Subtotal	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
Stockpond Evaporation and Stock Use	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Agricultural - Irrigation & Stock Total	245.5	245.5	245.5	245.5	245.9	245.9	245.9	245.9
Municipal and Domestic Uses:								
Municipal and Industrial (2)	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Scattered Rural Domestic (inc. Jicarilla)	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	10.7	10.7	10.7	10.7	10.8	10.8	10.9	10.9
Power and Industrial Uses:								
PNM - Navajo Reservoir contract (3)	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton (4)	37.0	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Power and Industrial Total	55.7	55.7	55.7	56.7	57.7	57.7	57.7	57.7
Export - San Juan-Chama Project (5)	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
Reservoir Evaporation:								
Navajo Reservoir Evaporation (6)	28.3	28.3	28.0	27.7	27.7	27.7	27.7	27.7
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.5	29.2	28.9	28.9	28.9	28.9	28.9
TOTAL CURRENT DEPLETIONS	446.6	446.6	446.3	447.0	448.5	448.5	448.6	448.6
ANTICIPATED DEPLETIONS								
Agricultural - Irrigation & Stock Uses:								
NIIP Completion (7)	0.0	0.0	65.0	100.0	107.1	107.1	107.1	107.1
Fruitland/Hogback Rehabilitation	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
Agricultural - Irrigation & Stock Total	0.0	0.0	65.0	107.2	114.3	114.3	114.3	114.3
Municipal and Domestic Uses:								
Animas-La Plata Project:								
San Juan Water Commission (8)	0.0	1.0	10.4	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Res. Evap. - NM share	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	0.0	1.0	11.4	13.3	13.6	13.6	13.6	13.6
Jicarilla Apache Nation	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Municipal and Domestic Total	0.0	1.0	11.4	13.3	14.0	14.2	14.2	14.2
Power/Industrial Uses - Navajo Nation (9)	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
TOTAL ANTICIPATED DEPLETIONS	0.0	1.3	76.7	120.8	128.6	128.8	128.8	128.8



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Year	1990	2000	2010	2020	2030	2040	2050	2060
POTENTIAL DEPLETIONS								
Municipal and Domestic Uses:								
Navajo-Gallup Water Supply Project:								
Navajo Nation	0.0	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal	0.0	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Municipal and Domestic Total	0.0	0.0	0.0	9.7	12.2	15.7	15.7	15.7
Power and Industrial Uses:								
Navajo-Gallup Project - NAPI (10)	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Res. Contracts	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	0.0	0.0	0.1	0.8	0.8	0.8	0.8	0.8
Export - Navajo-Gallup Project:								
Navajo Nation in New Mexico (11)	0.0	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup (12)	0.0	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Export Total	0.0	0.0	0.0	8.7	11.9	15.1	15.1	15.1
TOTAL POTENTIAL DEPLETIONS	0.0	0.0	0.1	19.2	24.9	31.6	31.6	31.6
TOTAL NEW MEXICO DEPLETIONS (13)	446.6	447.9	523.1	587.0	602.0	608.9	609.0	609.0
Evaporation - CRSP Storage Units (14)	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
TOTAL DEPLETIONS	504.6	505.9	581.1	645.0	660.0	666.9	667.0	667.0
State Share of 6.0 MAF (15)	669.4	669.4	669.4	669.4	669.4	669.4	669.4	669.4
Remaining Available (15,16)	164.8	163.5	88.3	24.4	9.4	2.5	2.4	2.4
Percent of State Share Remaining	24.6%	24.4%	13.2%	3.6%	1.4%	0.4%	0.4%	0.4%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2003.
- (2) Based on 1990 uses and 30% return flow from full diversion of Farmington's municipal water supply rights under the Echo Ditch Decree and License 2995. Otherwise excludes transfers of irrigation rights to municipal uses, and excludes the Animas-La Plata and Navajo-Gallup projects.
- (3) Public Service Company of New Mexico (PNM) contract with the Secretary expires 2005; PNM subcontract with Jicarilla Apache Nation effective 2006-2027, with commitment to negotiate in 2022 for a subcontract extension.
- (4) Includes uses under New Mexico State Engineer File No. 2838 at the Four Corners Power Plant, the San Juan Generating Station, and related mines.
- (5) Based on hydrologic record updated through 2000.
- (6) Based on September 2004 Biological Assessment for the Navajo-Gallup Water Supply Project. A small amount of Navajo Reservoir evaporation may be charged to Arizona's Upper Basin apportionment to the extent that reservoir storage is used to supply Navajo-Gallup Project uses in Arizona.
- (7) Total Navajo Indian Irrigation Project (NIIP) depletion by 2030 is 256,500 acre-feet, assuming 5% average fallow acreage. This amount does not include the depletions on the Hogback-Cudei and Fruitland-Cambridge irrigation projects that would be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (8) San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under Animas La-Plata Project permits.
- (9) Industrial uses near Shiprock (current diversion about 300 acre-feet per year assumed fully depleted).
- (10) 700 acre-feet of water from the Navajo-Gallup Water Supply Project would be used by the Navajo Agricultural Products Industry for food processing. This is an agricultural/industrial use.
- (11) This depletion schedule includes uses in New Mexico only and excludes exports by the Navajo-Gallup Project for Navajo Nation uses in Arizona.
- (12) The exports by the Navajo-Gallup Project to the City of Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. To the extent that Gallup's actual demand is less than 7,500 acre-feet, the Jicarilla Apache Nation could use its water for irrigation or other uses.
- (13) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses.
- (14) "Evaporation - CRSP Storage Units" refers to the total and individual States' portions of evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Flaming Gorge, Curecanti and Glen Canyon, but exclude Navajo which is used principally for storing water for use in New Mexico. 58,000 acre-feet is New Mexico's portion.
- (15) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this schedule, for planning purposes only, the total Upper Colorado River Basin Allocation is 6.0 million acre-feet, of which 50,000 acre-feet is the Upper Basin allocation to Arizona. This estimate does not constitute an endorsement of the Bureau of Reclamation's 1988 Hydrologic Determination that was approved by the Secretary of the Interior on February 2, 1989. This estimate also does not include salvage by use.
- (16) Reserved.

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Disclaimer. It is expressly understood that the governing bodies or authorities of the proposed signatories have not approved this draft settlement agreement, including the draft partial final decree, draft settlement act, draft settlement contract and draft summary paper. The New Mexico Interstate Stream Commission staff prepared the draft depletion schedule. These draft documents are provided for discussion purposes only.

STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

Year	1990	2000	2010	2020	2030	2040	2050	2060
CURRENT DEPLETIONS (1)								
Agricultural - Irrigation & Stock Use:								
Navajo Irrigation:								
Navajo Indian Irrigation Project (NIIP)	149.4	149.4	149.4	149.4	149.4	149.4	149.4	149.4
Fruitland-Cambridge Irrig. Project	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
Hogback-Cudei Irrigation Project	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	173.7	173.7	173.7	173.7	173.7	173.7	173.7	173.7
Non-Indian Irrigation:								
Above Navajo Dam (inc. Jicarilla)	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7
Upper San Juan (exc. Hammond)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Hammond Irrigation Project	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Animas River ditches	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
La Plata River ditches	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Farmers Mutual Ditch	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Jewett Valley Ditch	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Indian Irrigation Subtotal	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
Stockpond Evaporation and Stock Use	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Agricultural - Irrigation & Stock Total	245.8	245.8	245.8	245.8	246.2	246.2	246.2	246.2
Municipal and Domestic Uses:								
Municipal and Industrial	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
Scattered Rural Domestic (inc. Jicarilla)	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6
Municipal and Domestic Total	10.3	10.3	10.3	10.3	10.4	10.4	10.5	10.5
Power and Industrial Uses:								
PNM - Navajo Reservoir Supply (2)	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton, inc. lease to PNM	37.0	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Power and Industrial Total	55.7	55.7	55.7	56.7	57.7	57.7	57.7	57.7
Export - San Juan-Chama Project	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
Reservoir Evaporation:								
Navajo Reservoir Evaporation (3)	28.3	28.3	27.0	26.5	26.5	26.5	26.5	26.5
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.5	28.2	27.7	27.7	27.7	27.7	27.7
TOTAL CURRENT DEPLETIONS	448.8	448.8	447.5	448.0	449.5	449.5	449.6	449.6
ANTICIPATED DEPLETIONS								
Agricultural - Irrigation & Stock Uses:								
NIIP Completion (4)	0.0	0.0	90.0	104.6	104.6	104.6	104.6	104.6
Fruitland/Hogback Rehabilitation	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0
Agricultural - Irrigation & Stock Total	0.0	0.0	90.0	111.6	111.6	111.6	111.6	111.6
Municipal and Domestic Uses:								
Animas-La Plata Project:								
San Juan Water Commission (5)	0.0	1.0	10.4	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Res. Evap. - NM share	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	0.0	1.0	11.4	13.3	13.6	13.6	13.6	13.6
Jicarilla Apache Nation	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Municipal and Domestic Total	0.0	1.0	11.4	13.3	14.0	14.2	14.2	14.2
TOTAL ANTICIPATED DEPLETIONS	0.0	1.0	101.4	124.9	125.6	125.8	125.8	125.8

Year	1990	2000	2010	2020	2030	2040	2050	2060
POTENTIAL DEPLETIONS								
Municipal and Domestic Uses:								
Navajo-Gallup Water Supply Project:								
Navajo Nation	0.0	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal	0.0	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Municipal and Domestic Total	0.0	0.0	0.0	9.7	12.2	15.7	15.7	15.7
Power and Industrial Uses:								
Navajo-Gallup Project - NAPI (6)	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Res. Contracts	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	0.0	0.0	0.1	0.8	0.8	0.8	0.8	0.8
Export - Navajo-Gallup Project:								
Navajo Nation in New Mexico (7)	0.0	0.0	0.0	4.0	5.2	6.4	6.4	6.4
City of Gallup (8)	0.0	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Export Total	0.0	0.0	0.0	8.7	11.3	13.9	13.9	13.9
TOTAL POTENTIAL DEPLETIONS	0.0	0.0	0.1	19.2	24.3	30.4	30.4	30.4
TOTAL NEW MEXICO DEPLETIONS (9)	448.8	449.8	549.0	592.1	599.4	605.7	605.8	605.8
Evaporation - CRSP Storage Units (10)	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
TOTAL DEPLETIONS	506.8	507.8	607.0	650.1	657.4	663.7	663.8	663.8
State Share of 6.0 MAF (11)	669.0	669.0	669.0	669.0	669.0	669.0	669.0	669.0
Remaining Available (11,12)	162.2	161.2	62.0	18.9	11.6	5.3	5.2	5.2
Percent of State Share Remaining	24.2%	24.1%	9.3%	2.8%	1.7%	0.8%	0.8%	0.8%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2003.
- (2) Public Service Company of New Mexico (PNM) contract with the Secretary expires 2005; PNM subcontract with Jicarilla Apache Nation effective 2006-2027, with commitment to negotiate in 2022 for a subcontract extension.
- (3) Up to a few hundred acre-feet of Navajo Reservoir evaporation may be allocated or charged to Arizona's Upper Basin apportionment depending on the extent to which reservoir storage is used to service the portion of the Navajo-Gallup Water Supply Project uses that are in Arizona.
- (4) Total Navajo Indian Irrigation Project (NIIP) depletion by 2020 is 254,000 acre-feet, assuming 5% average fallow acreage.
- (5) San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under Animas La-Plata Project permits.
- (6) 700 acre-feet of water from the Navajo-Gallup Water Supply Project would be used by the Navajo Agricultural Products Industry for food processing. This is an agricultural/industrial use.
- (7) This depletion schedule includes uses in New Mexico only and excludes exports by the Navajo-Gallup Project for Navajo Nation uses in Arizona.
- (8) The exports by the Navajo-Gallup Project to the City of Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. To the extent that Gallup's actual demand is less than 7,500 acre-feet, the Jicarilla Apache Nation could use its water for irrigation or other uses.
- (9) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses.
- (10) "Evaporation - CRSP Storage Units" refers to the total and individual States' portions of evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Flaming Gorge, Curecanti and Glen Canyon, but exclude Navajo which is used principally for storing water for use in New Mexico. 58,000 acre-feet is New Mexico's portion.
- (11) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this schedule, for planning purposes only, the total Upper Colorado River Basin Allocation is 6.0 million acre-feet, of which 50,000 acre-feet is the Upper Basin allocation to Arizona. This estimate does not constitute an endorsement of the Bureau of Reclamation's 1988 Hydrologic Determination that was approved by the Secretary of the Interior on February 2, 1989. This estimate also does not include salvage by use.
- (12) Reserved.

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STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

Year	1990	2000	2010	2020	2030	2040	2050	2060
CURRENT DEPLETIONS (1)								
Agricultural - Irrigation & Stock Use:								
Navajo Irrigation:								
Navajo Indian Irrigation Project (NIIP)	149.4	149.4	149.4	149.4	149.4	149.4	149.4	149.4
Fruitland-Cambridge Irrig. Project	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Hogback-Cudei Irrigation Project	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	173.4	173.4	173.4	173.4	173.4	173.4	173.4	173.4
Non-Indian Irrigation:								
Above Navajo Dam (inc. Jicarilla)	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7
Upper San Juan (exc. Hammond)	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Hammond Irrigation Project	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Animas River ditches	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
La Plata River ditches	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Farmers Mutual Ditch	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Jewett Valley Ditch	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Indian Irrigation Subtotal	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2
Stockpond Evaporation and Stock Use	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Agricultural - Irrigation & Stock Total	245.5	245.5	245.5	245.5	245.9	245.9	245.9	245.9
Municipal and Domestic Uses:								
Municipal and Industrial (2)	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Scattered Rural Domestic (inc. Jicarilla)	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	10.7	10.7	10.7	10.7	10.8	10.8	10.9	10.9
Power and Industrial Uses:								
PNM - Navajo Reservoir contract (3)	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton (4)	37.0	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Power and Industrial Total	55.7	55.7	55.7	56.7	57.7	57.7	57.7	57.7
Export - San Juan-Chama Project (5)	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
Reservoir Evaporation:								
Navajo Reservoir Evaporation (6)	28.3	28.3	28.0	27.7	27.7	27.7	27.7	27.7
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.5	29.2	28.9	28.9	28.9	28.9	28.9
TOTAL CURRENT DEPLETIONS	446.6	446.6	446.3	447.0	448.5	448.5	448.6	448.6
ANTICIPATED DEPLETIONS								
Agricultural - Irrigation & Stock Uses:								
NIIP Completion (7)	0.0	0.0	65.0	100.0	107.1	107.1	107.1	107.1
Fruitland/Hogback Rehabilitation	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
Agricultural - Irrigation & Stock Total	0.0	0.0	65.0	107.2	114.3	114.3	114.3	114.3
Municipal and Domestic Uses:								
Animas-La Plata Project:								
San Juan Water Commission (8)	0.0	1.0	10.4	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Res. Evap. - NM share	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	0.0	1.0	11.4	13.3	13.6	13.6	13.6	13.6
Jicarilla Apache Nation	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Municipal and Domestic Total	0.0	1.0	11.4	13.3	14.0	14.2	14.2	14.2
Power/Industrial Uses - Navajo Nation (9)	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
TOTAL ANTICIPATED DEPLETIONS	0.0	1.3	76.7	120.8	128.6	128.8	128.8	128.8



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Year	1990	2000	2010	2020	2030	2040	2050	2060
POTENTIAL DEPLETIONS								
Municipal and Domestic Uses:								
Navajo-Gallup Water Supply Project:								
Navajo Nation	0.0	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal	0.0	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation	0.0	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Municipal and Domestic Total	0.0	0.0	0.0	9.7	12.2	15.7	15.7	15.7
Power and Industrial Uses:								
Navajo-Gallup Project - NAPI (10)	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Res. Contracts	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	0.0	0.0	0.1	0.8	0.8	0.8	0.8	0.8
Export - Navajo-Gallup Project:								
Navajo Nation in New Mexico (11)	0.0	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup (12)	0.0	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Export Total	0.0	0.0	0.0	8.7	11.9	15.1	15.1	15.1
TOTAL POTENTIAL DEPLETIONS	0.0	0.0	0.1	19.2	24.9	31.6	31.6	31.6
TOTAL NEW MEXICO DEPLETIONS (13)	446.6	447.9	523.1	587.0	602.0	608.9	609.0	609.0
Evaporation - CRSP Storage Units (14)	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
TOTAL DEPLETIONS	504.6	505.9	581.1	645.0	660.0	666.9	667.0	667.0
State Share of 6.0 MAF (15)	669.4	669.4	669.4	669.4	669.4	669.4	669.4	669.4
Remaining Available (15,16)	164.8	163.5	88.3	24.4	9.4	2.5	2.4	2.4
Percent of State Share Remaining	24.6%	24.4%	13.2%	3.6%	1.4%	0.4%	0.4%	0.4%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2003.
- (2) Based on 1990 uses and 30% return flow from full diversion of Farmington's municipal water supply rights under the Echo Ditch Decree and License 2995. Otherwise excludes transfers of irrigation rights to municipal uses, and excludes the Animas-La Plata and Navajo-Gallup projects.
- (3) Public Service Company of New Mexico (PNM) contract with the Secretary expires 2005; PNM subcontract with Jicarilla Apache Nation effective 2006-2027, with commitment to negotiate in 2022 for a subcontract extension.
- (4) Includes uses under New Mexico State Engineer File No. 2838 at the Four Corners Power Plant, the San Juan Generating Station, and related mines.
- (5) Based on hydrologic record updated through 2000.
- (6) Based on September 2004 Biological Assessment for the Navajo-Gallup Water Supply Project. A small amount of Navajo Reservoir evaporation may be charged to Arizona's Upper Basin apportionment to the extent that reservoir storage is used to supply Navajo-Gallup Project uses in Arizona.
- (7) Total Navajo Indian Irrigation Project (NIIP) depletion by 2030 is 256,500 acre-feet, assuming 5% average fallow acreage. This amount does not include the depletions on the Hogback-Cudei and Fruitland-Cambridge irrigation projects that would be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (8) San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under Animas La-Plata Project permits.
- (9) Industrial uses near Shiprock (diversion of about 300 acre-feet per year assumed fully depleted).
- (10) 700 acre-feet of water from the Navajo-Gallup Water Supply Project would be used by the Navajo Agricultural Products Industry for food processing. This is an agricultural/industrial use.
- (11) This depletion schedule includes uses in New Mexico only and excludes exports by the Navajo-Gallup Project for Navajo Nation uses in Arizona.
- (12) The exports by the Navajo-Gallup Project to the City of Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. To the extent that Gallup's actual demand is less than 7,500 acre-feet, the Jicarilla Apache Nation could use its water for irrigation or other uses.
- (13) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses.
- (14) "Evaporation - CRSP Storage Units" refers to the total and individual States' portions of evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Flaming Gorge, Curecanti and Glen Canyon, but exclude Navajo which is used principally for storing water for use in New Mexico. 58,000 acre-feet is New Mexico's portion.
- (15) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this schedule, for planning purposes only, the total Upper Colorado River Basin Allocation is 6.0 million acre-feet, of which 50,000 acre-feet is the Upper Basin allocation to Arizona. This estimate does not constitute an endorsement of the Bureau of Reclamation's 1988 Hydrologic Determination that was approved by the Secretary of the Interior on February 2, 1989. This estimate also does not include salvage by use.
- (16) Reserved.

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STATE OF NEW MEXICO ANTICIPATED FUTURE UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

	April 2005 Depletion <u>Schedule</u>	Proposed Revised <u>Schedule</u>
IRRIGATION USES (1)		
Navajo Nation Irrigation:		
Navajo Indian Irrigation Project (2)	256.5	256.5
Fruitland-Cambridge Irrigation Project (3)	7.6	8.0
Hogback-Cudei Irrigation Project (3)	20.2	21.3
Chaco River drainage irrigation (4)	3.1	3.0
Crystal area irrigation (4)	0.3	0.2
Navajo Irrigation Subtotal	287.7	289.0
Non-Navajo Irrigation:		
Above Navajo Dam (including Jicarilla)	1.7	1.8
Upper San Juan (excluding Hammond)	8.2	9.4
Hammond Irrigation Project	9.2	12.2
Animas River ditches	31.7	40.7
La Plata River ditches (5)	5.1	6.6
Farmers Mutual Ditch	8.8	11.0
Jewett Valley Ditch	2.8	3.7
Chaco River drainage irrigation (4)	0.7	0.5
Non-Navajo Irrigation Subtotal	68.2	85.9
Irrigation Total	355.9	374.9
STOCKPOND EVAPORATION AND STOCK USE (4)		
	4.3	3.2
MUNICIPAL AND DOMESTIC USES (1)		
Current Municipal and Industrial Uses (6)	9.7	9.7
Animas-La Plata Project:		
San Juan Water Commission (7)	10.4	10.4
Navajo Nation	2.3	2.3
La Plata Conservancy District	0.8	0.8
Ridges Basin Reservoir Evap. - New Mexico share	0.1	0.1
Animas-La Plata Project Subtotal	13.6	13.6
Navajo-Gallup Water Supply Project: (8)		
Navajo Nation	12.5	12.5
Jicarilla Apache Nation	1.2	1.2
Navajo-Gallup Project Subtotal (within Basin)	13.7	13.7
Navajo Nation Municipal Use, Future (exc. NGWSP)	2.0	2.0
Jicarilla Apache Nation Municipal Use (exc. NGWSP)	0.6	0.6
Scattered Rural Domestic (including Jicarilla)	1.2	1.2
Municipal and Domestic Total	40.8	40.8
POWER AND INDUSTRIAL USES		
PNM - Navajo Reservoir contract (9)	16.2	16.2
BHP Billiton (10)	39.0	39.0
Bloomfield Industrial	2.5	2.5
Navajo Nation - Shiprock (11)	0.3	0.3
Navajo-Gallup Water Supply Project - NAPI (12)	0.7	0.7
Small Navajo Reservoir Contracts	0.1	0.1
Power and Industrial Total	58.8	58.8
EXPORTS		
San Juan-Chama Project (13)	105.2	105.2
Navajo-Gallup Water Supply Project: (8)		
Navajo Nation in New Mexico	7.6	7.6
City of Gallup	7.5	7.5
Navajo-Gallup Project Subtotal (Export)	15.1	15.1
Export Total	120.3	120.3
RESERVOIR EVAPORATION		
Navajo Reservoir Evaporation (14)	27.7	27.7
Small Reservoir Evaporation	1.2	1.2
Reservoir Evaporation Total	28.9	28.9
TOTAL DEPLETIONS (15)		
	609.0	626.9
State Share of Upper Basin Yield (16)	611.4	646.9
Remaining Available (16,17)	2.4	20.0
Percent of State Share Remaining	0.4%	3.1%



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STATE OF NEW MEXICO ANTICIPATED FUTURE UPPER BASIN DEPLETIONS
(continued)

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. About 800 af of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2006. Revised crop consumptive uses are computed using the modified Blaney-Criddle method with SCS effective precipitation.
- (2) The total Navajo Indian Irrigation Project (NIIP) depletion in the April 2005 schedule assumes 5% average fallow acreage. The Navajo-Gallup Water Supply Project (NGWSP) September 2005 Biological Assessment assumes full use of the NIIP depletion right without fallowing. The amount of depletion remaining available is reserved, in part, to cover uncertainty in the fallowing assumption for the NIIP. The Settlement Agreement provides for the NIIP to deplete up to 270,000 af, on average.
- (3) Depletions for the Fruitland and Hogback irrigation projects in the April 2005 schedule assume 5% average fallow acreage. The proposed revisions include the full depletion rights for the two projects, assuming that certain conditions do not occur that under the Settlement Agreement would cause said rights to be increased in the San Juan River Adjudication. The amount of depletion remaining available is reserved, in part, to cover uncertainty in the determination of rights for the two projects. A portion of the depletions on the Hogback and Fruitland irrigation projects may in dry years be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (4) Proposed revisions are depletions of San Juan River flows after reductions of on-site uses for shortages and for losses in ephemeral channels that are salvaged.
- (5) La Plata River irrigation depletions assume an average water supply shortage of 45%.
- (6) Based on 1990 uses and 30% return flow from full diversion of Farmington's municipal water supply rights under the Echo Ditch Decree and License 2995. Otherwise excludes transfers of irrigation rights to municipal uses, and excludes the Animas-La Plata Project (ALP) and the NGWSP.
- (7) San Juan Water Commission member entities in 2000 used 1,000 af from the Animas River under ALP permits.
- (8) NGWSP depletions in New Mexico total 29,500 af, including all project uses in the Upper Basin and the Lower Basin by the Navajo Nation, the Jicarilla Apache Nation and the City of Gallup. The exports by the NGWSP to Gallup are anticipated to be supplied through a subcontract with the Jicarillas. To the extent that Gallup's actual demand is less than 7,500 af, the Jicarilla Apache Nation could use its water for irrigation or other uses. Exports by the NGWSP for Navajo Nation uses in Arizona are not included.
- (9) The Public Service Company of New Mexico (PNM) has subcontracted with the Jicarilla Apache Nation to provide 16,200 af for use at the San Juan Generating Station through 2027, with a commitment to negotiate in 2022 for a subcontract extension. The Generating Station is a no-discharge facility.
- (10) Includes uses under New Mexico State Engineer File No. 2838 at the Four Corners Power Plant, the San Juan Generating Station, and related mines.
- (11) Industrial uses near Shiprock (diversion of about 300 acre-feet per year assumed fully depleted).
- (12) Navajo Agricultural Products Industry's use of NGWSP water for food processing.
- (13) Based on hydrologic record updated through 2000.
- (14) Based on the NGWSP September 2005 Biological Assessment, future Navajo Reservoir evaporation will average 27,900 af with operation of the reservoir to meet the diversion demands of the full NIIP and the NGWSP and to meet habitat needs of endangered fish species in the San Juan River. About 200 af of the Navajo Reservoir evaporation will be chargeable to Arizona's Upper Basin apportionment to reflect the proportion of use of Navajo Reservoir supply for NGWSP uses in Arizona.
- (15) This tabulation of anticipated future depletions is for planning purposes only. It is not a tabulation or determination of water rights or actual uses. Total depletions exclude New Mexico's share of reservoir evaporation from the major reservoirs constructed under the Colorado River Storage Project (CRSP) Act that are used principally to regulate compact deliveries at Lee Ferry. These include Lake Powell, Flaming Gorge Reservoir and the Aspinall Unit, but exclude Navajo Reservoir which is used principally for storing water for consumptive uses.
- (16) This tabulation does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This tabulation should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this table, for planning purposes only, the total New Mexico allocation is at least 646,875 af. This estimate does not include salvage by use or constitute an endorsement that the amount of New Mexico's apportionment under the Colorado River Compact and the Upper Colorado River Basin Compact does not exceed this allocation. This estimate also does not include New Mexico's share of CRSP reservoir evaporation other than Navajo Reservoir evaporation.
- (17) Reserved to cover uncertainties, including uncertainties in the determination of water rights in the San Juan River Adjudication, in the future use of water rights, and in the quantifications of depletions.



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STATE OF NEW MEXICO ANTICIPATED FUTURE UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

	April 2005 Depletion Schedule	Proposed Revised Schedule	NGWSP Biological Assessment, Baseline plus NGWSP
IRRIGATION USES (1)			
Navajo Nation Irrigation:			
Navajo Indian Irrigation Project (2)	256.5	256.5	280.6
Fruitland-Cambridge Irrig. Project (3)	7.6	8.0	7.9
Hogback-Cudei Irrigation Project (3)	20.2	21.3	13.0
Chaco River drainage irrigation (4)	3.1	2.8	2.8
Crystal area irrigation (4)	0.3	0.2	0.5
Navajo Irrigation Subtotal	287.7	288.8	304.8
Non-Navajo Irrigation:			
Above Navajo Dam (including Jicarilla)	1.7	1.7	2.8
Upper San Juan (excluding Hammond)	8.2	9.0	9.1
Hammond Irrigation Project	9.2	11.8	10.3
Animas River ditches	31.7	39.1	36.7
La Plata River ditches (5)	5.1	6.4	9.8
Farmers Mutual Ditch	8.8	10.7	9.6
Jewett Valley Ditch	2.8	3.6	3.1
Chaco River drainage irrigation (4)	0.7	0.5	0.0
Non-Navajo Irrigation Subtotal	68.2	82.8	81.4
Irrigation Total	355.9	371.6	386.2
STOCKPOND EVAPORATION AND STOCK USE (6)			
	4.3	3.2	2.2
MUNICIPAL AND DOMESTIC USES (1)			
Current Municipal and Industrial Uses (7)			
	9.7	9.7	8.5
Animas-La Plata Project:			
San Juan Water Commission (8)	10.4	10.4	10.4
Navajo Nation	2.3	2.3	2.3
La Plata Conservancy District	0.8	0.8	0.8
Ridges Basin Res. Evap. - New Mexico share	0.1	0.1	0.1
Animas-La Plata Project Subtotal	13.6	13.6	13.6
Navajo-Gallup Water Supply Project: (9)			
Navajo Nation	12.5	12.5	12.5
Jicarilla Apache Nation	1.2	1.2	1.2
Navajo-Gallup Project Subtotal (within Basin)	13.7	13.7	13.7
Navajo Nation Municipal Use, Future (exc. NGP)	2.0	2.0	0.0
Jicarilla Apache Nation Municipal Use (exc. NGP)	0.6	0.6	0.0
Scattered Rural Domestic (including Jicarilla)	1.2	1.2	1.4
Municipal and Domestic Total	40.8	40.8	37.2
POWER AND INDUSTRIAL USES			
PNM - Navajo Reservoir contract (10)	16.2	16.2	16.2
BHP Billiton (11)	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5
Navajo Nation - Shiprock (12)	0.3	0.3	0.0
Navajo-Gallup Project - NAPI (13)	0.7	0.7	0.7
Small Navajo Reservoir Contracts	0.1	0.1	0.0
Power and Industrial Total	58.8	58.8	58.4
EXPORTS			
San Juan-Chama Project (14)	105.2	105.2	107.5
Navajo-Gallup Water Supply Project: (9)			
Navajo Nation in New Mexico	7.6	7.6	7.6
City of Gallup	7.5	7.5	7.5
Navajo-Gallup Project Subtotal (Export)	15.1	15.1	15.1
Export Total	120.3	120.3	122.6
RESERVOIR EVAPORATION			
Navajo Reservoir Evaporation (15)	27.7	27.7	27.9
Small Reservoir Evaporation	1.2	1.2	1.4
Reservoir Evaporation Total	28.9	28.9	29.3
UNSPECIFIED MINOR DEPLETIONS (16)			
	0.0	0.0	4.5
TOTAL DEPLETIONS (17)			
	609.0	623.6	640.4
State Share of Upper Basin Yield (18)			
	611.4	641.2	
Remaining Available (18,19)			
	2.4	17.6	
Percent of State Share Remaining			
	0.4%	2.7%	

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STATE OF NEW MEXICO ANTICIPATED FUTURE UPPER BASIN DEPLETIONS

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. About 800 af of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2006. Crop consumptive uses are computed using the modified Blaney-Criddle method with USBR effective precipitation. If NCSS effective precipitation were used, computed total irrigation depletions in New Mexico could be increased by 4,000 af (including an increase of 3,200 af for non-Navajo uses).
- (2) The total Navajo Indian Irrigation Project (NIIP) depletion in the April 2005 schedule assumes 5% average fallow acreage. The Navajo-Gallup Water Supply Project (NGWSP) September 2005 Biological Assessment assumes NIIP depletions of up to 280,600 af until NIIP return flows reach a state of equilibrium sometime after 2035, after which the depletions would average 270,000 af. The Settlement Agreement provides water rights for an average NIIP depletion of 270,000 af. These amounts do not include depletions on the Hogback and Fruitland irrigation projects that would be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (3) Depletions for the Fruitland and Hogback irrigation projects in the April 2005 schedule assumes 5% average fallow acreage. The proposed revisions include the full depletion rights for the two projects, assuming that certain conditions do not occur that under the Settlement Agreement would cause said rights to be increased in the San Juan River Adjudication. If in the Adjudication the rights for both projects are recomputed using the modified Blaney-Criddle method and current crop status, the depletion rights for the projects would increase to about 8,900 af and 24,700 af, respectively (increases of 900 af and 3,400 af, respectively). In this case, either total depletions would be increased by about 4,300 af if the rights were fully utilized, or as much as about 13% of the water right acreage may be assumed to be fallow, on average. The depletion rights for both projects would be increased by another 800 af total if NCSS effective precipitation were used. Some of the allocation is reserved to cover this uncertainty. The NGWSP Biological Assessment does not incorporate rehabilitation and full use of the two projects because the Navajo Nation in the 1999 Biological Opinion for the NIIP agreed to limit uses on the projects for now as may be necessary to avoid impinging upon the San Juan River Basin Recovery Implementation Program's flow recommendations for endangered fish habitat in the San Juan River. Said agreement does not, however, prevent development of the depletion rights for the two projects in the future, and the Settlement Agreement would provide funding to rehabilitate the complete projects.
- (4) Proposed revisions assume an average water supply shortage of 50% for irrigation uses in the Chaco River and Chinle Wash drainages, and that the impacts of said uses on San Juan River flows average about 70% of the on-site depletions for Navajo Nation uses in the Chaco River drainage, 50% of on-site depletions for non-Navajo spreader dams in McKinley County, and 50% of on-site depletions for uses near Crystal. Impacts of uses on the San Juan River are less than the on-site depletions due to losses in ephemeral channels that are salvaged.
- (5) La Plata River irrigation depletions assume an average water supply shortage of 45%.
- (6) Proposed revisions assume that the impacts of stockpond evaporation and livestock uses on San Juan River flows average about 75 percent of on-site uses due to salvage of losses in ephemeral channels. Siltation of stockponds and changes in grazing capacity since 1965 have not been evaluated.
- (7) Based on 1990 uses and 30% return flow from full diversion of Farmington's municipal water supply rights under the Echo Ditch Decree and License 2995. Otherwise excludes transfers of irrigation rights to municipal uses, and excludes the Animas-La Plata and Navajo-Gallup projects.
- (8) San Juan Water Commission member entities in 2000 used 1,000 af from the Animas River under Animas-La Plata Project permits.
- (9) Navajo-Gallup Water Supply Project (NGWSP) depletions in New Mexico total 29,500 af, including all project uses in the Upper Basin and the Lower Basin by the Navajo Nation, the Jicarilla Apache Nation and the City of Gallup. The exports by the NGWSP to Gallup are anticipated to be supplied through a subcontract with the Jicarillas. To the extent that Gallup's actual demand is less than 7,500 af, the Jicarilla Apache Nation could use its water for irrigation or other uses. Exports by the NGWSP for Navajo Nation uses in Arizona are not included.
- (10) The Public Service Company of New Mexico (PNM) has subcontracted with the Jicarilla Apache Nation to provide 16,200 af for use at the San Juan Generating Station through 2027, with a commitment to negotiate in 2022 for a subcontract extension. The Generating Station is a no-discharge facility.
- (11) Includes uses under New Mexico State Engineer File No. 2838 at the Four Corners Power Plant, the San Juan Generating Station, and related mines.
- (12) Industrial uses near Shiprock (diversion of about 300 acre-feet per year assumed fully depleted).
- (13) Navajo Agricultural Products Industry's use of Navajo-Gallup Project water for food processing.
- (14) Based on hydrologic record updated through 2000.
- (15) Based on the NGWSP September 2005 Biological Assessment, future Navajo Reservoir evaporation will average 27,900 af with operation of the reservoir to meet the diversion demands of the full NIIP and the NGWSP and to meet habitat needs of endangered fish species in the San Juan River. About 200 af of the Navajo Reservoir evaporation will be chargeable to Arizona's Upper Basin apportionment to reflect the proportion of use of Navajo Reservoir supply for NGWSP uses in Arizona.
- (16) The NGWSP September 2005 Biological Assessment includes in its tabulation of New Mexico uses 4,300 af of new or future unspecified minor depletions, but notes that some of said depletions may occur in Colorado. Less than 150 af of said depletions now occurs, and is expected to occur in the future, in New Mexico. These amounts include only new uses to be made, not continuations of existing uses for which consultation may be required under section 7 of the Endangered Species Act. New Mexico's amount of these minor depletions are for temporary short-term contract uses only and can be considered included in other categories of use.
- (17) This tabulation of anticipated future depletions is for planning purposes only. It is not a tabulation or determination of water rights or actual uses. Total depletions exclude New Mexico's share of reservoir evaporation from the major reservoirs constructed under the Colorado River Storage Project Act that are used principally to regulate compact deliveries at Lee Ferry. These include Lake Powell, Flaming Gorge Reservoir and the Aspinall Unit, but exclude Navajo Reservoir which is used principally for storing water for consumptive uses.
- (18) This tabulation does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This tabulation should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this table, for planning purposes only, the total New Mexico allocation is at least 641,200 af. This estimate does not include salvage by use or constitute an endorsement that the amount of New Mexico's apportionment under the Colorado River Compact and the Upper Colorado River Basin Compact does not exceed this allocation. This estimate also does not include New Mexico's share of CRSP reservoir evaporation other than Navajo Reservoir evaporation.
- (19) Reserved to cover uncertainties in the San Juan River Adjudication, including uncertainties in the disposition of Echo Ditch Decree rights, in the determination of rights for the Hammond Irrigation Project, in the Navajo Nation's rights for the Fruitland and Hogback irrigation projects and for historic uses in the Chaco River drainage, and possible water right claims of the Ute Mountain Ute Tribe. About 18 percent of the non-Indian decreed, licensed and permitted irrigation acreage is not included in this tabulation, which instead considers the maximum of the total acreage within the defined geographic areas that was historically irrigated in a year. Forfeiture or abandonment of rights is not necessarily presumed. Also reserved to cover possible further conversion of cropland from flood irrigation to sprinkler irrigation, possible adjustments to computational methods used to estimate irrigation or non-irrigation depletions, and uncertainties associated with the following assumption for the NIIP.

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STATE OF NEW MEXICO ANTICIPATED FUTURE UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

	April 2005 Depletion <u>Schedule</u>	Proposed Revised <u>Schedule</u>
IRRIGATION USES (1)		
Navajo Nation Irrigation:		
Navajo Indian Irrigation Project (2)	256.5	256.5
Fruitland-Cambridge Irrigation Project (3)	7.6	8.0
Hogback-Cudei Irrigation Project (3)	20.2	21.3
Chaco River drainage irrigation (4)	3.1	2.9
Crystal area irrigation (4)	0.3	0.2
Navajo Irrigation Subtotal	287.7	288.9
Non-Navajo Irrigation:		
Above Navajo Dam (including Jicarilla)	1.7	1.7
Upper San Juan (excluding Hammond)	8.2	9.0
Hammond Irrigation Project	9.2	11.8
Animas River ditches	31.7	39.1
La Plata River ditches (5)	5.1	6.4
Farmers Mutual Ditch	8.8	10.7
Jewett Valley Ditch	2.8	3.6
Chaco River drainage irrigation (4)	0.7	0.5
Non-Navajo Irrigation Subtotal	68.2	82.8
Irrigation Total	355.9	371.7
STOCKPOND EVAPORATION AND STOCK USE (4)	4.3	3.2
MUNICIPAL AND DOMESTIC USES (1)		
Current Municipal and Industrial Uses (6)	9.7	9.7
Animas-La Plata Project:		
San Juan Water Commission (7)	10.4	10.4
Navajo Nation	2.3	2.3
La Plata Conservancy District	0.8	0.8
Ridges Basin Reservoir Evap. - New Mexico share	0.1	0.1
Animas-La Plata Project Subtotal	13.6	13.6
Navajo-Gallup Water Supply Project: (8)		
Navajo Nation	12.5	12.5
Jicarilla Apache Nation	1.2	1.2
Navajo-Gallup Project Subtotal (within Basin)	13.7	13.7
Navajo Nation Municipal Use, Future (exc. NGWSP)	2.0	2.0
Jicarilla Apache Nation Municipal Use (exc. NGWSP)	0.6	0.6
Scattered Rural Domestic (including Jicarilla)	1.2	1.2
Municipal and Domestic Total	40.8	40.8
POWER AND INDUSTRIAL USES		
PNM - Navajo Reservoir contract (9)	16.2	16.2
BHP Billiton (10)	39.0	39.0
Bloomfield Industrial	2.5	2.5
Navajo Nation - Shiprock (11)	0.3	0.3
Navajo-Gallup Water Supply Project - NAPI (12)	0.7	0.7
Small Navajo Reservoir Contracts	0.1	0.1
Power and Industrial Total	58.8	58.8
EXPORTS		
San Juan-Chama Project (13)	105.2	105.2
Navajo-Gallup Water Supply Project: (8)		
Navajo Nation in New Mexico	7.6	7.6
City of Gallup	7.5	7.5
Navajo-Gallup Project Subtotal (Export)	15.1	15.1
Export Total	120.3	120.3
RESERVOIR EVAPORATION		
Navajo Reservoir Evaporation (14)	27.7	27.7
Small Reservoir Evaporation	1.2	1.2
Reservoir Evaporation Total	28.9	28.9
TOTAL DEPLETIONS (15)		
State Share of Upper Basin Yield (16)	609.0	623.7
Remaining Available (16,17)	611.4	641.2
Percent of State Share Remaining	2.4	17.5
	0.4%	2.7%



STATE OF NEW MEXICO ANTICIPATED FUTURE UPPER BASIN DEPLETIONS
(continued)

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. About 800 af of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2006. Revised crop consumptive uses are computed using the modified Blaney-Criddle method with USBR effective precipitation.
- (2) The total Navajo Indian Irrigation Project (NIIP) depletion in the April 2005 schedule assumes 5% average fallow acreage. The Navajo-Gallup Water Supply Project (NGWSP) September 2005 Biological Assessment assumes full use of the NIIP depletion right without fallowing. The amount of depletion remaining available is reserved, in part, to cover uncertainty in the fallowing assumption for the NIIP. The Settlement Agreement provides for the NIIP to deplete up to 270,000 af, on average.
- (3) Depletions for the Fruitland and Hogback irrigation projects in the April 2005 schedule assume 5% average fallow acreage. The proposed revisions include the full depletion rights for the two projects, assuming that certain conditions do not occur that under the Settlement Agreement would cause said rights to be increased in the San Juan River Adjudication. The amount of depletion remaining available is reserved, in part, to cover uncertainty in the determination of rights for the two projects. A portion of the depletions on the Hogback and Fruitland irrigation projects may in dry years be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement.
- (4) Proposed revisions are depletions of San Juan River flows after reductions of on-site uses for shortages and for losses in ephemeral channels that are salvaged.
- (5) La Plata River irrigation depletions assume an average water supply shortage of 45%.
- (6) Based on 1990 uses and 30% return flow from full diversion of Farmington's municipal water supply rights under the Echo Ditch Decree and License 2995. Otherwise excludes transfers of irrigation rights to municipal uses, and excludes the Animas-La Plata Project (ALP) and the NGWSP.
- (7) San Juan Water Commission member entities in 2000 used 1,000 af from the Animas River under ALP permits.
- (8) NGWSP depletions in New Mexico total 29,500 af, including all project uses in the Upper Basin and the Lower Basin by the Navajo Nation, the Jicarilla Apache Nation and the City of Gallup. The exports by the NGWSP to Gallup are anticipated to be supplied through a subcontract with the Jicarillas. To the extent that Gallup's actual demand is less than 7,500 af, the Jicarilla Apache Nation could use its water for irrigation or other uses. Exports by the NGWSP for Navajo Nation uses in Arizona are not included.
- (9) The Public Service Company of New Mexico (PNM) has subcontracted with the Jicarilla Apache Nation to provide 16,200 af for use at the San Juan Generating Station through 2027, with a commitment to negotiate in 2022 for a subcontract extension. The Generating Station is a no-discharge facility.
- (10) Includes uses under New Mexico State Engineer File No. 2838 at the Four Corners Power Plant, the San Juan Generating Station, and related mines.
- (11) Industrial uses near Shiprock (diversion of about 300 acre-feet per year assumed fully depleted).
- (12) Navajo Agricultural Products Industry's use of NGWSP water for food processing.
- (13) Based on hydrologic record updated through 2000.
- (14) Based on the NGWSP September 2005 Biological Assessment, future Navajo Reservoir evaporation will average 27,900 af with operation of the reservoir to meet the diversion demands of the full NIIP and the NGWSP and to meet habitat needs of endangered fish species in the San Juan River. About 200 af of the Navajo Reservoir evaporation will be chargeable to Arizona's Upper Basin apportionment to reflect the proportion of use of Navajo Reservoir supply for NGWSP uses in Arizona.
- (15) This tabulation of anticipated future depletions is for planning purposes only. It is not a tabulation or determination of water rights or actual uses. Total depletions exclude New Mexico's share of reservoir evaporation from the major reservoirs constructed under the Colorado River Storage Project (CRSP) Act that are used principally to regulate compact deliveries at Lee Ferry. These include Lake Powell, Flaming Gorge Reservoir and the Aspinall Unit, but exclude Navajo Reservoir which is used principally for storing water for consumptive uses.
- (16) This tabulation does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This tabulation should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion. In this table, for planning purposes only, the total New Mexico allocation is at least 641,250 af. This estimate does not include salvage by use or constitute an endorsement that the amount of New Mexico's apportionment under the Colorado River Compact and the Upper Colorado River Basin Compact does not exceed this allocation. This estimate also does not include New Mexico's share of CRSP reservoir evaporation other than Navajo Reservoir evaporation.
- (17) Reserved to cover uncertainties, including uncertainties in the determination of water rights in the San Juan River Adjudication, in the future use of water rights, and in the quantifications of depletions.



STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

May 2006

Year	2000	2010	2020	2030	2040	2050	2060
IRRIGATION USES (1)							
Navajo Nation Irrigation:							
Navajo Indian Irrigation Project (2)	150.0	215.0	250.0	270.0	270.0	270.0	270.0
Fruitland-Cambridge Irrigation Project (2)	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Hogback-Cudei Irrigation Project (2)	15.5	15.5	21.3	21.3	21.3	21.3	21.3
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Irrigation Subtotal	176.9	241.9	282.7	302.7	302.7	302.7	302.7
Non-Navajo Irrigation:							
Above Navajo Dam (including Jicarilla)	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Upper San Juan (excluding Hammond)	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Hammond Irrigation Project	12.1	12.1	12.1	12.1	12.1	12.1	12.1
Animas River ditches	40.7	40.7	40.7	40.7	40.7	40.7	40.7
La Plata River ditches	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Farmers Mutual Ditch	11.2	11.2	11.2	11.2	11.2	11.2	11.2
Jewett Valley Ditch	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Navajo Irrigation Subtotal	86.5	86.5	86.5	86.5	86.5	86.5	86.5
Irrigation Total	263.4	328.4	369.2	389.2	389.2	389.2	389.2
STOCKPOND EVAPORATION AND STOCK USE							
	4.0	4.0	4.0	4.0	4.0	4.0	4.0
MUNICIPAL AND DOMESTIC USES (1)							
Current Municipal and Industrial Uses (3)							
	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Animas-La Plata Project:							
San Juan Water Commission (4)	1.0	5.0	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Reservoir Evaporation - NM share	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	1.0	6.0	13.3	13.6	13.6	13.6	13.6
Navajo-Gallup Water Supply Project: (5)							
Navajo Nation	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal (within Basin)	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation Municipal Use, Future (exc. NGWSP)	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Jicarilla Apache Nation Municipal Use (exc. NGWSP)	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Scattered Rural Domestic (including Jicarilla)	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	11.7	16.7	33.7	37.0	40.7	40.8	40.8
POWER AND INDUSTRIAL USES							
PNM - Navajo Reservoir contract (6)	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton (7)	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Navajo Nation - Shiprock (8)	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo-Gallup Water Supply Project - NAPI (9)	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Reservoir Contracts	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	56.1	56.1	57.8	58.8	58.8	58.8	58.8
EXPORTS							
San Juan-Chama Project (10)	105.2	105.2	105.2	105.2	105.2	105.2	105.2
Navajo-Gallup Water Supply Project: (5)							
Navajo Nation in New Mexico	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Navajo-Gallup Project Subtotal (Export)	0.0	0.0	8.7	11.9	15.1	15.1	15.1
Export Total	105.2	105.2	113.9	117.1	120.3	120.3	120.3
RESERVOIR EVAPORATION							
Navajo Reservoir Evaporation (11)	28.3	28.0	27.7	27.7	27.7	27.7	27.7
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.2	28.9	28.9	28.9	28.9	28.9
TOTAL DEPLETIONS (12)							
	469.9	539.6	607.5	635.0	641.9	642.0	642.0
State Share of Upper Basin Yield (13)							
	642.4	642.4	642.4	642.4	642.4	642.4	642.4
Remaining Available (13,14)	172.5	102.8	34.9	7.4	0.5	0.4	0.4
Percent of State Share Remaining	26.9%	16.0%	5.4%	1.2%	0.1%	0.1%	0.1%

NOTES:

- Does not reflect post-1965 transfers from irrigation to municipal and industrial uses. About 800 acre-feet of current non-Indian depletions are supplied through short-term leases from the Jicarilla Apache Nation as of 2006.
- The depletions for the Navajo Indian Irrigation Project (NIIP) and the Hogback and Fruitland irrigation projects assume full use of the depletion rights for the projects provided by the Settlement Agreement. A portion of the depletions on the Hogback and Fruitland projects in dry years may be accounted against the NIIP depletion right pursuant to the alternate water source provisions of subparagraph 9.2 of the Settlement Agreement. Construction of NIIP is assumed to be completed by 2030, and rehabilitation of the Hogback Project is assumed to be completed by 2020.
- Based on 1990 uses and 30% return flow from full diversion of Farmington's municipal water supply rights under the Echo Ditch Decree and License 2995. Does not reflect transfers of irrigation rights to municipal uses, and excludes the Animas-La Plata Project (ALP) and the Navajo-Gallup Water Supply Project (NGWSP).
- San Juan Water Commission member entities in 2000 used 1,000 acre-feet from the Animas River under ALP permits.
- Proposed NGWSP depletions in New Mexico total 29,500 acre-feet per year, including all project uses in the Upper Basin and the Lower Basin by the Navajo Nation, the Jicarilla Apache Nation and the City of Gallup. The exports by the NGWSP to Gallup are anticipated to be supplied through a subcontract with Jicarilla. To the extent that Gallup's actual demand is less than 7,500 acre-feet, the Jicarilla Apache Nation could use its water for other uses. Exports by the NGWSP for Navajo Nation uses in Arizona are not included.
- The Public Service Company of New Mexico (PNM) has subcontracted with the Jicarilla Apache Nation to provide 16,200 acre-feet per year for use at the San Juan Generating Station through 2027, with a commitment to negotiate in 2022 for a subcontract extension. The Generating Station is a no-discharge facility.
- Includes uses under New Mexico State Engineer File 2838 at the Four Corners Power Plant, the San Juan Generating Station and related mines.
- Industrial uses near Shiprock (diversions of about 300 acre-feet per year assumed fully depleted).
- Navajo Agricultural Products Industry's use of NGWSP water for food processing.
- Based on the hydrologic record for the period 1929-2000 (US Bureau of Reclamation).
- Based on the NGWSP September 2005 Biological Assessment, future Navajo Reservoir evaporation will average 27,900 acre-feet per year with operation of the reservoir to meet the diversion demands of the full NIIP and the NGWSP and to meet habitat needs of endangered fish species in the San Juan River. About 200 acre-feet of this amount could be chargeable to Arizona based on the proportion of use of Navajo Reservoir supply for NGWSP uses in Arizona.
- This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses. Total depletions exclude New Mexico's share of reservoir evaporation from the major reservoirs constructed under the Colorado River Storage Project (CRSP) Act that are used principally to regulate compact deliveries at Lee Ferry and generate CRSP hydroelectric power. These include Lake Powell, Flaming Gorge Reservoir and the Aspinall Unit, but exclude Navajo Reservoir which is used principally to store water for consumptive uses.
- This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion or New Mexico's depletion. Of the water available to the Upper Basin at Lee Ferry, the allocation for use by New Mexico is listed in this schedule, for planning purposes, as 642,400 acre-feet. This amount does not include New Mexico's share of CRSP reservoir evaporation other than Navajo Reservoir evaporation.



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STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

May 2006

Year	2000	2010	2020	2030	2040	2050	2060
IRRIGATION USES (1)							
Navajo Nation Irrigation:							
Navajo Indian Irrigation Project	150.0	215.0	250.0	270.0	270.0	270.0	270.0
Fruitland-Cambridge Irrigation Project	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Hogback-Cudei Irrigation Project	15.5	15.5	21.3	21.3	21.3	21.3	21.3
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Nation Irrigation Subtotal	176.9	241.9	282.7	302.7	302.7	302.7	302.7
Non-Navajo Irrigation:							
Above Navajo Dam (including Jicarilla)	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Upper San Juan (excluding Hammond)	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Hammond Irrigation Project	12.1	12.1	12.1	12.1	12.1	12.1	12.1
Animas River ditches	40.7	40.7	40.7	40.7	40.7	40.7	40.7
La Plata River ditches	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Farmers Mutual Ditch	11.2	11.2	11.2	11.2	11.2	11.2	11.2
Jewett Valley Ditch	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Navajo Irrigation Subtotal	86.5	86.5	86.5	86.5	86.5	86.5	86.5
Irrigation Total	263.4	328.4	369.2	389.2	389.2	389.2	389.2
STOCKPOND EVAPORATION AND STOCK USE	4.0	4.0	4.0	4.0	4.0	4.0	4.0
MUNICIPAL AND DOMESTIC USES (1)							
Current Municipal and Industrial Uses	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Animas-La Plata Project:							
San Juan Water Commission	1.0	5.0	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Reservoir Evaporation - NM share	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	1.0	6.0	13.3	13.6	13.6	13.6	13.6
Navajo-Gallup Water Supply Project: (2)							
Navajo Nation	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal (within Basin)	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation Municipal Use, Future (exc. NGWSP)	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Jicarilla Apache Nation Municipal Use (exc. NGWSP)	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Scattered Rural Domestic (including Jicarilla)	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	11.7	16.7	33.7	37.0	40.7	40.8	40.8
POWER AND INDUSTRIAL USES							
PNM - Navajo Reservoir contract (3)	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Navajo Nation - Shiprock	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo-Gallup Water Supply Project - NAPI (2)	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Reservoir Contracts	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	56.1	56.1	57.8	58.8	58.8	58.8	58.8
EXPORTS							
San Juan-Chama Project	105.2	105.2	105.2	105.2	105.2	105.2	105.2
Navajo-Gallup Water Supply Project: (2)							
Navajo Nation in New Mexico	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Navajo-Gallup Project Subtotal (Export)	0.0	0.0	8.7	11.9	15.1	15.1	15.1
Export Total	105.2	105.2	113.9	117.1	120.3	120.3	120.3
RESERVOIR EVAPORATION							
Navajo Reservoir Evaporation	28.3	28.0	27.7	27.7	27.7	27.7	27.7
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.2	28.9	28.9	28.9	28.9	28.9
TOTAL DEPLETIONS (4)							
State Share of Upper Basin Yield (5)	642.4	642.4	642.4	642.4	642.4	642.4	642.4
Remaining Available (5,6)	172.5	102.8	34.9	7.4	0.5	0.4	0.4
Percent of State Share Remaining	26.9%	16.0%	5.4%	1.2%	0.1%	0.1%	0.1%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses.
- (2) Proposed Navajo-Gallup Water Supply Project depletions in New Mexico total 29,500 acre-feet per year. Exports to Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. Exports for Navajo Nation uses in Arizona are not included.
- (3) Supplied through a subcontract with the Jicarilla Apache Nation.
- (4) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses. Total depletions exclude New Mexico's share of reservoir evaporation from the major reservoirs constructed under the Colorado River Storage Project (CRSP) Act that are used principally to regulate compact deliveries at Lee Ferry and generate CRSP hydroelectric power. These include Lake Powell, Flaming Gorge Reservoir and the Aspinall Unit.
- (5) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion or New Mexico's depletion. Of the water available to the Upper Basin at Lee Ferry, the allocation for use by New Mexico is listed in this schedule, for planning purposes, as 642,400 acre-feet. This amount does not include New Mexico's share of CRSP reservoir evaporation other than Navajo Reservoir evaporation.
- (6) Reserved.



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STATE OF NEW MEXICO SCHEDULE OF ANTICIPATED UPPER BASIN DEPLETIONS
(Units: 1000 acre-feet per year)

Year	2000	2010	2020	2030	2040	2050	2060
IRRIGATION USES (1)							
Navajo Nation Irrigation:							
Navajo Indian Irrigation Project	150.0	215.0	250.0	270.0	270.0	270.0	270.0
Fruitland-Cambridge Irrigation Project	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Hogback-Cudei Irrigation Project	15.5	15.5	21.3	21.3	21.3	21.3	21.3
Chaco River drainage irrigation	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Crystal area irrigation	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo Nation Irrigation Subtotal	176.9	241.9	282.7	302.7	302.7	302.7	302.7
Non-Navajo Irrigation:							
Above Navajo Dam (including Jicarilla)	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Upper San Juan (excluding Hammond)	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Hammond Irrigation Project	12.1	12.1	12.1	12.1	12.1	12.1	12.1
Animas River ditches	40.7	40.7	40.7	40.7	40.7	40.7	40.7
La Plata River ditches	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Farmers Mutual Ditch	11.2	11.2	11.2	11.2	11.2	11.2	11.2
Jewett Valley Ditch	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Chaco River drainage irrigation	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Non-Navajo Irrigation Subtotal	86.5	86.5	86.5	86.5	86.5	86.5	86.5
Irrigation Total	263.4	328.4	369.2	389.2	389.2	389.2	389.2
STOCKPOND EVAPORATION AND STOCK USE	4.0	4.0	4.0	4.0	4.0	4.0	4.0
MUNICIPAL AND DOMESTIC USES (1)							
Current Municipal and Industrial Uses							
Animas-La Plata Project:	9.7	9.7	9.7	9.7	9.7	9.7	9.7
San Juan Water Commission	1.0	5.0	10.4	10.4	10.4	10.4	10.4
Navajo Nation	0.0	1.0	2.0	2.3	2.3	2.3	2.3
La Plata Conservancy District	0.0	0.0	0.8	0.8	0.8	0.8	0.8
Ridges Basin Reservoir Evaporation - NM share	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Animas-La Plata Project Subtotal	1.0	6.0	13.3	13.6	13.6	13.6	13.6
Navajo-Gallup Water Supply Project: (2)							
Navajo Nation	0.0	0.0	7.9	10.2	12.5	12.5	12.5
Jicarilla Apache Nation	0.0	0.0	0.8	1.0	1.2	1.2	1.2
Navajo-Gallup Project Subtotal (within Basin)	0.0	0.0	8.7	11.2	13.7	13.7	13.7
Navajo Nation Municipal Use, Future (exc. NGWSP)	0.0	0.0	1.0	1.0	2.0	2.0	2.0
Jicarilla Apache Nation Municipal Use (exc. NGWSP)	0.0	0.0	0.0	0.4	0.6	0.6	0.6
Scattered Rural Domestic (including Jicarilla)	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Municipal and Domestic Total	11.7	16.7	33.7	37.0	40.7	40.8	40.8
POWER AND INDUSTRIAL USES							
PNM - Navajo Reservoir contract (3)	16.2	16.2	16.2	16.2	16.2	16.2	16.2
BHP Billiton	37.0	37.0	38.0	39.0	39.0	39.0	39.0
Bloomfield Industrial	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Navajo Nation - Shiprock	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Navajo-Gallup Water Supply Project - NAPI (2)	0.0	0.0	0.7	0.7	0.7	0.7	0.7
Small Navajo Reservoir Contracts	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Power and Industrial Total	56.1	56.1	57.8	58.8	58.8	58.8	58.8
EXPORTS							
San Juan-Chama Project	105.2	105.2	105.2	105.2	105.2	105.2	105.2
Navajo-Gallup Water Supply Project: (2)							
Navajo Nation in New Mexico	0.0	0.0	4.0	5.8	7.6	7.6	7.6
City of Gallup	0.0	0.0	4.7	6.1	7.5	7.5	7.5
Navajo-Gallup Project Subtotal (Export)	0.0	0.0	8.7	11.9	15.1	15.1	15.1
Export Total	105.2	105.2	113.9	117.1	120.3	120.3	120.3
RESERVOIR EVAPORATION							
Navajo Reservoir Evaporation	28.3	28.0	27.7	27.7	27.7	27.7	27.7
Small Reservoir Evaporation	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Reservoir Evaporation Total	29.5	29.2	28.9	28.9	28.9	28.9	28.9
TOTAL DEPLETIONS (4)	469.9	539.6	607.5	635.0	641.9	642.0	642.0
State Share of Upper Basin Yield (5)	642.4	642.4	642.4	642.4	642.4	642.4	642.4
Remaining Available (5,6)	172.5	102.8	34.9	7.4	0.5	0.4	0.4
Percent of State Share Remaining	26.9%	16.0%	5.4%	1.2%	0.1%	0.1%	0.1%

NOTES:

- (1) Does not reflect post-1965 transfers from irrigation to municipal and industrial uses.
- (2) Proposed Navajo-Gallup Water Supply Project depletions in New Mexico total 29,500 acre-feet per year. Exports to Gallup are anticipated to be supplied through a subcontract with the Jicarilla Apache Nation. Exports for Navajo Nation uses in Arizona are not included.
- (3) Supplied through a subcontract with the Jicarilla Apache Nation.
- (4) This is a schedule of anticipated depletions for planning purposes only. It is not a tabulation or determination of water rights or actual uses. Total depletions exclude New Mexico's share of reservoir evaporation from the major reservoirs constructed under the Colorado River Storage Project (CRSP) Act that are used principally to regulate compact deliveries at Lee Ferry and generate CRSP hydroelectric power. These include Lake Powell, Flaming Gorge Reservoir and the Aspinall Unit.
- (5) This depletion schedule does not attempt to interpret the Colorado River Compact, the Upper Colorado River Basin Compact, or any other element of the "Law of the River." This schedule should not be construed as an acceptance of any assumption that limits the Upper Colorado River Basin's depletion or New Mexico's depletion. Of the water available to the Upper Basin at Lee Ferry, the allocation for use by New Mexico is listed in this schedule, for planning purposes, as 642,400 acre-feet. This amount does not include New Mexico's share of CRSP reservoir evaporation other than Navajo Reservoir evaporation.
- (6) Reserved.

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