FACT SHEET

Probability of Occurring

Before 2022	6%
Before 2032	13%
Before 2042	19%
Before 2052	24%

First Shortage

Year	2016
Probability	1%

Maximum Annual Recovery

Maximum Firming	137,200 AF
AWBA Base	189,200 AF
AWBA Base (-10%)	175,480 AF

General Assumptions

Initial Reservoir Elevation 2012; 103 Traces per Case;
Lower Basin Shortages 400 KAF, 500KAF, 600 KAF; 17.8% shortage to Mexico, 4% shortage to Nevada:
CAP shortage distribution (pro rata based on 3/1/211 CAP SUBCONTRACTING STATUS REPORT);
Maricopa County (61.48%), Pinal County (6.32%), Pima County (31.71%), Other (.49%);
Maximum CAP M&I firming volume limited to 20% of M&I sub-contract amount (through 2043 = 127.8 kaf, after 2043 = 137.2 kaf);
Credits include projected credits identified 2010 Annual Report 10 Year-Plan; Nevada begins recovery in 2019
On-River and CAP M&I Firming through 2097, Indian Firming through 2108; 15,000 af GRIC firming, 3,750 af WMAT firming, 4,974 af other (Indian firming based on examples in 2007 Firming Agreement)
ADWR Upper Basin Demand Assumptions; No YDP operation; Interim Guidelines Extended beyond 2016;
Withdrawal Fee Credits used for Indian Firming, General Fund Credits used for On-River Firming,
4 cent tax Credits used for firming Maricopa and Pinal Counties, 4 cent Tax and Withdrawal Fee used for firming Pima County Firming

Summary Sheet

AWBA Planning Secnario

		Prorata CAP/On-River Split	Shortage Sharing Agreement		
		Median	AWBA Base	Maximum Firming	AWBA Base minus 10%
Shortages	# of Shortage Years	29	29	43	29
	# of 600 kaf Shortages	4	5	8	5
	# of 500 kaf Shortages	15	15	17	15
	# of 400 kaf Shortages	10	9	18	9
	# of Indian Water Shortages	65	67	74	67
	# of Normal Year Indian Water Shortages	36	38	31	38
	# Shortage Year Indian Shortages	29	29	43	29
	# of Normal Years with 0 NIA Water	0	0	0	0
	# of On-River Shortages	29	28	35	28
	# of M&I Shortages	26	28	35	28
	First Year of AZ Shortage	2032	2034	2022	2034
	Probability of Shortage	29.1%	27.2%	6.2%	27.2%
Firming and Shortage Volume (Acre-Feet)	Total Firming	3,186,752	3,391,607	4,429,465	3,145,147
	Indian Firming	778,580	768,213	1,020,313	768,213
	On-River firming	390,074	158,796	213,607	158,796
	CAP M&I Firming	2,018,098	2,464,598	3,195,545	2,218,138
	Total CAP M&I Shortage	2,032,433	2,561,171	3,397,367	2,561,171
	Difference between M&I Shortage and M&I firming	14,335	96,573	201,822	343,033
	First M&I Firming	2038	2038	2035	2038
	Probability of M&I Firming	33.0%	17.2%	15.4%	17.2%
	First On-River Firming	2032	2038	2037	2038
	Probability of On-River Firming	29.1%	17.2%	16.6%	17.2%
	First Year of Indian Firming	2030	2030	2022	2030
	Probability of Indian Firming	27.2%	11.8%	6.2%	11.8%
Long Term Storage Credits (Acre-Feet)	Withdrawal Fee Credits Remaining (Maricopa and Pinal County)	113,785	124,152	-127,948	0
	First Year of Deficit			2091	
	General Fund Credits Remaining	13,756	245,034	190,223	245,034
	First Year of Deficit				
	Maricopa County Four Cent Tax Credits Remaining	897,917	623,427	174,070	774,941
	First Year of Deficit				
	Pinal County Four Cent Tax Credits Remaining	92,972	64,740	18,523	80,324
	First Year of Deficit				
	Pima County Four Cent Tax and Withdrawal Fee Credits Remaining	-35,861	-177,432	-409,193	-99,288
	First Year of Deficit	2084	2057	2060	2083
	First year Nevada Firming		2019	2119	2119
	First Year Nevada Deficit		2035	2033	2035
	Nevada Deficit		(597149)	(597149)	(597149)