



Agenda

CITY CLERK'S OFFICE

DATE 4/6/15 TIME 10:11am

SERVED BY Robert Wood

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SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL - 200 LINCOLN AVE.
CITY COUNCILORS' CONFERENCE ROOM
TUESDAY, APRIL 14, 2015
4:00 PM TO 6:00 PM

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF CONSENT AGENDA
5. APPROVAL OF MINUTES MARCH 10, 2015 WATER CONSERVATION COMMITTEE MEETING
6. CONSENT ITEMS

DISCUSSION ITEMS:

7. DROUGHT, MONSOON AND WATER RESOURCE UPDATE (Rick Carpenter, 10 minutes)
8. CLIMATE ACTION TASKFORCE (Councilor Ives, 10 minutes)

INFORMATIONAL ITEMS:

9. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE INITIATIVES: (Councilor Ives, 40 minutes)
 - A. GROUP #2- WATER CONSERVATION EDUCATION/OUTREACH (10 minutes)
 - B. GROUP #3- WATER CONSERVATION CODES, ORDINANCES & REGULATIONS – LEGISLATIVE UPDATE (10 minutes)
 - C. GROUP #4- REESTABLISH TREND OF NET ANNUAL REDUCTIONS IN PER CAPITA WATER USAGE AND IDENTIFYING LARGE WATER USERS (10 minutes)
 - D. NEW! GROUP #5-WATER SYSTEM MAP (10 minutes)

MATTERS FROM STAFF:

- Search Process for Water Conservation Manager – UPDATE.

MATTERS FROM COMMITTEE:

MATTERS FROM PUBLIC:

NEXT MEETING – TUESDAY, MAY 12, 2015:

CAPTIONS: MONDAY, APRIL 27, 2015 @ 3 PM PACKET MATERIAL: WEDNESDAY, APRIL 29, 2015 @ 3 PM
ITEMS FOR NEXT AGENDA:

ADJOURN.

Persons with disabilities in need of accommodations, contact the City Clerk's office at 955-6520, five (5) working days prior to meeting date.

WATER CONSERVATION COMMITTEE
INDEX
APRIL 14, 2015

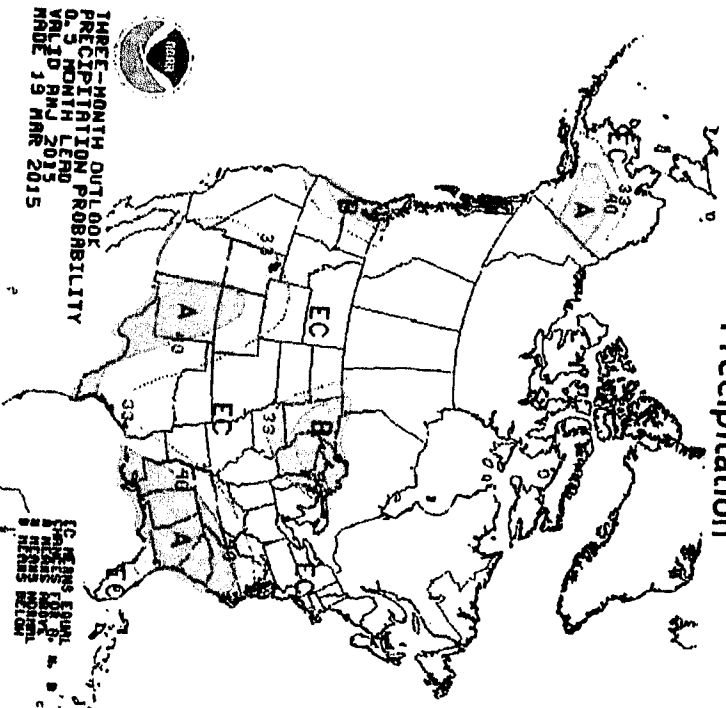
Cover Page		Page 1
Roll Call/Call to Order	The Water Conservation Committee Meeting was called to order by the Chair, at 4:00 pm in the City Councilor's Conference Room.	Page 2
Approval of Agenda Rick Carpenter not in attendance at today's meeting, Mr. Erdman to report. Add appointment of Vice Chair after Consent Items.	<i>Ms. Randall moved to approve the agenda as amended, second by Mr. Wiman, motion carried by unanimous voice vote.</i>	Page 2
Approval of Consent Agenda	No Action needed	Page 2
Approval of Minutes, March 10, 2015 Corrections: Page 5: assimilations simulations Karen Karyn Page 5: Segway segue Wyman Wiman	<i>Ms. Randall moved to approve the minutes of March 10, 2014 as amended, second by Mr. Roth, motion carried by unanimous voice vote.</i>	Page 2-3
CONSENT AGENDA	No Action Needed	Page 3
Discussion Items <ul style="list-style-type: none"> • Drought Monsoon and Water Resource Update • Climate Action Task Force 	Informational	Page 3-5
Informational Items Group Reports	Informational	Page 5-6
Matters from Staff	Informational	Page 7
Matters from Committee	Informational	Page 7
Matters from Public	None	Page 7
Next Meeting	Tuesday, May 12, 2015	Page 7
Adjournment and signature	Meeting was adjourned at 5:10 pm	Page 8

U. S. Seasonal Outlooks

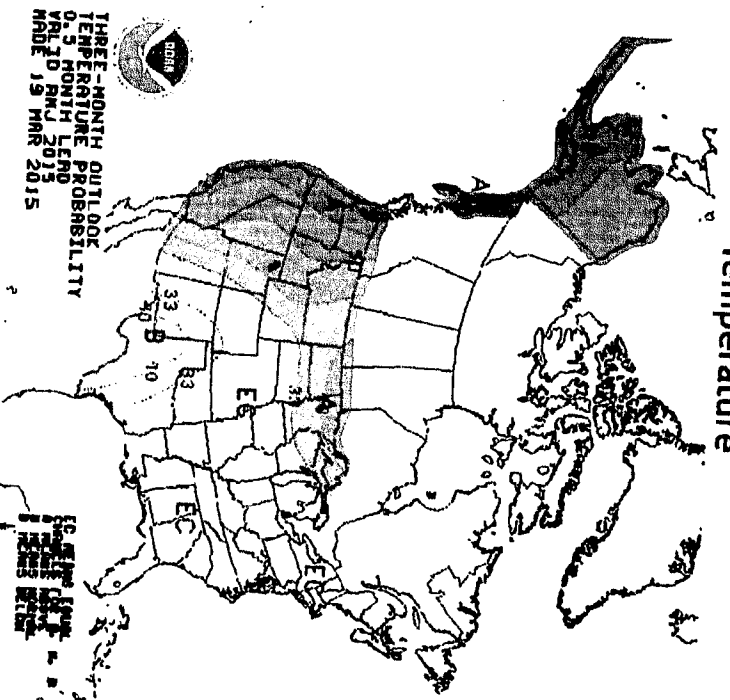
April - June 2015

The seasonal outlooks combine the U.S. Sea Surface Temperature and Niño 3.4 Index ENSO

Precipitation



Temperature

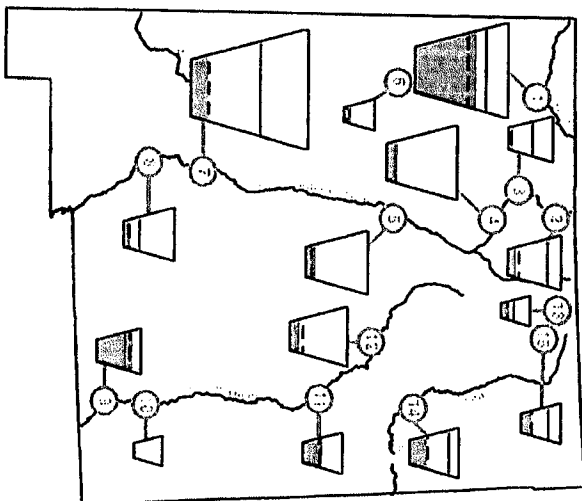
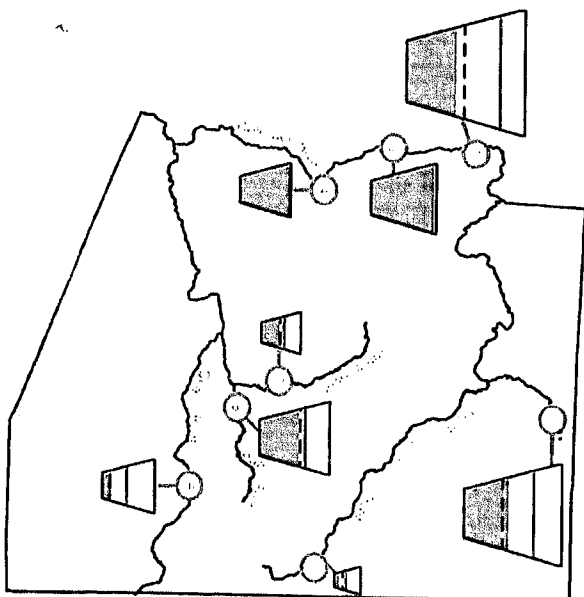


Reservoir Volumes

DATA THROUGH FEB. 28, 2015

Data Source: National Water and Climate Center, Natural Resources Conservation Service

Portions of the information provided in this figure can be accessed at the Natural Resources Conservation Service



Notes

The map gives a representation of current storage for reservoirs in Arizona and New Mexico. Reservoir locations are numbered within the blue circles on the map, corresponding to the reservoirs listed in the table. The cup next to each reservoir shows the current storage (blue fill) as a percent of total capacity. Note that while the size of each cup varies with the size of the reservoir, these are representational and not to scale. Each cup also represents last year's storage (dotted line) and the 1981-2010 reservoir average (red line).

The table details more exactly the current capacity (listed as a percent of maximum storage). Current and maximum storage are given in thousands of acre-feet for each reservoir. One acre-foot is the volume of water sufficient to cover an acre of land to a depth of 1 foot (approximately 325,851 gallons). On average, 1 acre-foot of water is enough to meet the demands of 4 people for a year. The last column of the table lists an increase or decrease in storage since last month. A line indicates no change.

These data are based on reservoir reports updated monthly by the National Water and Climate Center of the U.S. Department of Agriculture's Natural Resources Conservation Service (NRCS).

Reservoir	Capacity	Current Storage*	Max Storage*	One-Month Change in Storage*
1 Lake Powell	45%	11,024.0	24,322.0	-122.0
2 Lake Mead	41%	10,762.0	25,130.0	23.0
3 Lake Mohave	92%	1,658.0	1,810.0	-39.0
4 Lake Havasu	93%	578.0	612.0	-7.2
5 Lyman	14%	4.2	30.0	0.1
6 San Carlos	12%	141.7	875.0	53.0
7 Verde River System	44%	126.1	287.4	10.6
8 Salt River System	54%	1,103.3	2,025.8	42.7

*KAF: thousands of acre-feet

Reservoir	Capacity	Current Storage*	Max Storage*	One-Month Change in Storage*
1 Lake Powell	95%	1,096.4	1,595.0	5.7
2 Lake Mead	45%	61.3	130.0	-0.5
3 Lake Mohave	95%	17.2	190.3	3.9
4 Lake Havasu	97%	133.8	1,192.3	1.6
5 Lyman	10%	48.9	497.0	0.7
6 San Carlos	12%	2.4	33.5	0.3
7 Verde River System	12%	328.7	2,195.0	37.9
8 Salt River System	12%	35.2	332.0	1.4
9 Lake Powell	76%	3.2	4.0	-0.3
10 Lake Mohave	76%	34.3	1,066.2	1.6
11 Lake Havasu	76%	48.3	1,022.0	3.3
12 Lyman	12%	6.3	436.3	0.2
13 San Carlos	45%	4.0	16.0	0.4
14 Verde River System	100%	94.3	254.2	-0.1
15 Salt River System	100%	19.3	79.0	0.7

*KAF: thousands of acre-feet

WG#3 Legislative Update

SB 279 passed and is awaiting signature (New Housing Tax Credit). I think it goes into effect until 2017. Provides the NM energy, minerals and natural resources department with oversight - <http://www.nmlegis.gov/Sessions/15%20Regular/bills/senate/SB0279.html>

HB 64 did not get out of committee (Existing Home Water and Energy Tax Credit)

SB 280 withdrawn (Rainwater Harvesting Tax Credit)

HB 157 did not get out of committee (Water Trust Funds used for Water Conservation)

HB 301 did not get out of committee (Water Conservation Gross Receipt Tax Exemption)

HB 578 passed and is awaiting signature (Water project funding bill). <http://www.nmlegis.gov/Sessions/15%20Regular/bills/house/HB0578.html>

Submitted 4-1 10:11

Working Group #3 Update

1. Forming a MLS working group, chaired by Nancy Avedisian to recommend modifications to MLS Green features
2. Forming a Green Building Code update committee, chaired by Amanda Hatherley to recommend modifications to the Green Building Code including water and energy
3. Met with the City of Santa Fe building and water officials to discuss updating codes to include the 2012 IAPMO Green Building Supplement. Current code being used is 2009 and does not include rainwater nor greywater; the former is recommended and the latter is required and yet neither is covered under the current codes.

Offered that the WCC members will help the city to draw up guidelines when the city moves forward.

4. A WERS resolution passed the City Council in the March meeting. The FIR needs to be worked for the resolution to become official. Had a meeting on this with Kim, Councilor Ives, Nick, Rick and Lisa. It was clarified that the FIR expense was mainly due to projected manpower increases required due to growth. FIR will be reworked to reflect this requirement.
5. Met with Bob and Xubi on QWEL training
 - a. Agreed the SFCC will begin offering QWEL training with support from the city
 - b. First class will be next spring
 - c. SFCC will change this to be an 8-week course afterwards
 - d. Need to recommend optional trainers to Bob and Xubi. These folks need to be either QWEL or IA certified
6. WERS Update:
 - a. WERS has won a Sustainable Santa Fe award
 - b. Pilots in process, let us know if you want to become a pilot
 - c. Webinar held to recruit more partners, both the city and county were invited.
 - d. Beginning to work the launch plan for version 1.0
 - e. As reported separately SB279 passed and is awaiting signature. This adds water to the existing New Home Tax credit and extends for ten years. New requirements will not come into effect until 2017.
 - f. Beginning to work the training for WERS with SFCC

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Exhibit A-2