

summaries.

REVIEW AND APPROVAL OF DRAFT SUMMARIES FOR SEPTEMBER 15, 2004 MEETING

HC tabled reviewing and approving this summary until revisions could be made to the draft summary. HC requested that Joann Perea-Richmann go back through summary and correct grammatical and typographical errors and that Ron Bliesner provide Joann Perea-Richmann with input on the Gen 3 Model Development and Extreme Conditions discussions. Committee members are urged to provide comments to Joann Perea-Richmann when they first receive draft summaries.

REVIEW OF ACTION ITEMS (ATTACHED)

Action item logs were reviewed and updated. See attached log for November 16, 2004.

New action item for Service to report on minor depletions was added.

Reclamation reiterated that Original Blaney-Criddle method would be used for computing non-NIIP irrigation depletions in NM in the Gen 3 model.

BUDGET AND STATUS REPORT

No major work on model has been going on as we are waiting for Biology Committee to issue their Integration and Evaluation Report. It would be premature to start analyzing flow recommendations before BC's approval. Steve Harris stated that he would like to see several scenarios of the flow recommendations looked at and compare the differences. Ron Bliesner suggested that Steve suggest this to the BC Chairperson (Chuck McAda). Others who have thoughts on revisions to flow recommendations are encouraged to contact Chuck.

In the mean time, David Campbell has been updating data to 2003 water year. The hope is to have the data update completed before testing commences on new, revised flow recommendations.

Ron Bliesner questioned why we're updating data. He understood this was only going to happen every five years. Dave explained that the HC recommended that the model be updated every 5 years, but data updates would happen as they came in. Ron Bliesner cautioned group that the test of whether or not a project can meet flow recommendations is based on 1929-1993 hydrological data. Don't expect same results with different hydrology.

It was pointed out that the new flow recommendations would include new hydrology. The Gen3 Model will include hydrology through 2003.

TRACKING DEPLETIONS

Pat Page offered suggestion on how to deal with Red Mesa Enlargement and Stevens Creek depletions in the model. Suggested that these not be included in Gen2 – that they be considered part of the “noise” of the model.

Ron Bliesner stated that he was concerned with current method that Service used in dealing with small depletions. By not requiring a model run but requiring that depletion be added to the baseline, the Service is in effect, passing the burden of this depletion onto next project to undergo consultation.

After much discussion it was decided that; 1) PatP would draft a memo to the Service recommending that Stevens Creek and Red Mesa Enlargement not be included in Gen 2 and that the issue of whether

or not to add these two projects to the Gen 3 model would be addressed when the Gen 3 model had been updated with the revised flow recommendations, and 2) Ron Bliesner would draft a memo to the Coordination Committee recommending that the limit for inclusion in the minor depletions account be raised to include all projects with annual depletions less than 500 acre-feet. The HC members will review these two memos and then a vote will be taken on whether or not to approve these two recommendations.

As far as the status of ongoing consultations, Navajo-Gallup is in formal consultation. A meeting is scheduled for November 22, 2004, with the Service to discuss depletion issues associated with Red Mesa, Stevens Creek, and Long Hollow.

A draft BO has been issued for Long Hollow. Comment period has been extended to December 5, 2004.

EXTREME CONDITIONS

PatP forwarded Ron Bliesner his comments on the draft memo. Ron Bliesner will incorporate those comments then send out to the HC. Goal will be to finalize this at next meeting and submit to Coordination Committee.

ALTERNATIVE METHODS FOR PROVIDING WATER TO FISH

Nothing to report.

HYDROLOGIC CONDITIONS DISCUSSION

The committee agreed that we are still in extreme conditions. Once the Extreme Conditions memo is finalized, we will use the methodology outlined in the memo to determine extreme conditions.

NAVAJO RESERVOIR OPERATIONS

The end-of-September 2004 elevation was 6,022 feet compared to 5,999 at the end of September 2003. Reservoir has been storing water for the last 6 weeks. September precipitation was 200% of average; October was 100%. Things are looking better than they have in a while.

Shortage Sharing – Recommendations for 2005 have been drafted and are going through the approval processes of the various signatory parties. Agreement is expected to be signed by all parties by end of January 2005.

2005 MEETING/CONFERENCE CALL SCHEDULE

The following meeting/conference call dates were selected (note: all meetings will be in Farmington)

February 17th – Meeting

April 27th – Conference Call

June 15th – Meeting

August 30th – Conference Call

November 15th - Meeting

ACTION ITEMS

- Pat Page will draft and send out a memo on recommendations for dealing with Red Mesa Enlargement and Stevens Creek depletions
- Ron Bliesner will draft and send out a memo on recommendations for dealing with future small project depletions in the model.

- Tracking minor depletions will be added to Action Item log as ongoing action item for Service.
- Joann Perea-Richmann will take another cut at September 15, 2004, meeting summary. Ron Bliesner will provide her with language for Gen 3 Model Development and Extreme Conditions paragraphs.

MEETING ADJOURNED AT 10:50 AM

HYDROLOGY COMMITTEE ACTION ITEM LOG
(Updated November 16, 2004)

	<i>Action Item</i>	<i>Meeting/ Origination Date</i>	<i>Responsible Party</i>	<i>Due Date</i>	<i>Revised Date</i>	<i>Date Completed</i>
4	Add model runs and other information to the permanent hydrology website: http://uc.usbr.gov	7/25/01	Erik Knight	Ongoing		
5	Model modification briefings.	7/25/01	Reclamation and Keller-Bliesner	Ongoing		
12	Any new data or methods incorporated into RiverWare or State Mod will be shared with the Hydrology Committee.	7/25/01	Keller-Bliesner and Reclamation	Ongoing		
33	New Mexico will work on developing data on non-irrigation depletions starting in March. [10/29/02] New Mexico has provided provisional data on the prior depletions. Staff will not be available for the next few months to work on this. <i>Dave King has extrapolated pre-1970 non-irrigation depletions data back to a baseline and will send the spreadsheet to Rick Cox.(completed as of 2/11/03)</i> Dave will provide written explanation of how extrapolation was done to Hydrology Committee. The model is operating with provisional generation II data until New Mexico submits further data.	11/27/01	New Mexico	March 2002	Extended (Revised power plant data has been submitted by NM)	
34	Gage error analysis discussion: the Hydrology Committee still needs to determine whether big losses are due to daily disaggregation. The Committee has the option to re-evaluate losses once the 3 rd Generation model is complete.	11/27/01	Hydrology Committee		Postponed until StateMod analysis is completed	
104	Bernadette Tsosie will work with USGS to determine a good site for the Shiprock cableway.	8/5/03	Bernadette Tsosie	Ongoing	Ongoing	

105	USGS agreed to give a presentation annually to the Hydrology Committee regarding the effectiveness of the gage readings.	8/5/03	USGS	Ongoing	Annually	
115	New Mexico will present issues associated with leasing or forbearance.	10/14/03	John Whipple	01/20/04	11-16-04	
124	USBR will conduct a comparison of Riverware versions whenever a new version is available, analyze the results, and recommend to the HC whether and when to incorporate the new version.	1/21/04	Pat Page	Ongoing		
131	Submit comments on Extreme Conditions to Ron Bliesner.	3/23/04	HC members	5/18/04	11-16-04	
136	Coordinate documentation for depletion differences for Gen 2 & Gen 3 specifically on NM non-Indian.	5-18-04	Ron Bliesner & Dave King	Ongoing		
139	Committee will report any new projects which will be coming up.	5-18-04	Hydrology Committee	Ongoing		
140	Follow-up on (USGS) gage at Archuleta right-of-way AGENDA ITEM	5-18-04	Pat Page	7-13-04	Ongoing	
142	Generation 3 Model to be completed	5-18-04	BoR	9-15-04		
143	Track minor depletions	11-16-04	Service	Ongoing		
144	Draft memo on recommendation for dealing with Red Mesa and Stevens Creek depletions in the model.	11-16-04	Pat Page	HC to review and vote by 11/23/04		

	<i>Action Item</i>	<i>Meeting/ Origination Date</i>	<i>Responsible Party</i>	<i>Due Date</i>	<i>Revised Date</i>	<i>Date Completed</i>
145	Draft memo on recommendations for small project depletions	11-16-04	Ron Bliesner	HC to review and vote by 11/23/04		