

Minutes

International Souris River Board

Conference Call
Tuesday, March 16, 2004

Mr. Frink welcomed participants to the conference call, which began at 10:00 a.m. CST. Board members participating in the call were Robert Ball, Russell Boals, Wayne Dybvig, Dale Frink, and Gregg Wiche.

Other participants were Randy House, Doug Johnson, Dean Knauer, Steve Norbeck, Bob White, and Brian Yee.

04-T-01 Review of Agenda

Agenda item 2 was changed to Spring Runoff Forecast for January 1 to February 29, 2004.

04-T-02 Spring Runoff Forecast for January 1 to February 29, 2004

(Mr. Johnson)

The 30-day natural flow forecast is 50 000 dam³ (40,500 acre-ft), and the 90-day natural flow forecast is 57 000 dam³ (46,200 acre-ft). When runoff starts, releases will be initiated within a few days. The magnitude of the releases will depend on actual and expected inflow conditions.

If the 60/40 split changes to 50/50, the deficit will be made up within the timing of the natural hydrograph. The Board will advise on how to make up the deficit. The United States will receive 50 percent of 50 000 dam³ (40,500 acre-ft) by June 1, 2004, and the remainder after the peak on Alameda. Local runoff will have occurred by that time.

(Mr. Knauer)

The elevation of Lake Darling is now 1,595.95 ft (486.45 m). About 10,000 acre-ft (12 300 dam³) are needed to bring the lake up to summer operating levels. The area presently has about 10 inches (254 mm) of snow with about 3 inches (76 mm) of water equivalent. An ice layer, which could cause runoff rather than infiltration, is forming at the soil surface.

04-T-03 Proposed Operations for Spring Runoff

(Mr. Dybvig)

No releases are planned for Rafferty Reservoir. After runoff into Alameda Reservoir occurs, a release plan will be developed.

Runoff at the border is expected to be 57 000 dam³ (46,200 acre-ft) with 18 000 dam³ (14,600 acre-ft) below the dams.

(Mr. Frink)

By agreement, the United States receives at least 50 percent of the first 50 000 dam³ (40,500 acre- ft) of runoff. If runoff is greater than 50 000 dam³ (40,500 acre-ft), the split would be on a 60/40 basis.

At 57 000 dam³ (46,200 acre-ft) runoff, the United States would receive 27 800 dam³ (22,500 acre-ft) [25 000 dam³ (20,270 acre-ft) from the first 50 000 dam³ (40,500 acre-ft) and 2 800 dam³ (2,270 acre-ft) from the 7 000 dam³ (5,670 acre-ft)].

A motion was made by Mr. Dybvig and seconded by Mr. Frink to operate as described.

Carried

04-T-04 Status of 2003 ISRB Annual Report

(Ms. Martin)

A few numbers are still missing. The draft report will be submitted to Board members and support staff by March 19, 2004, for review. Review comments need to be returned no later than March 26, 2004.

04-T-05 Other Business

None.

04-T-06 Roundtable

An April conference call would be needed only if unusual conditions arise.

04-T-07 End of Call

The conference call was terminated at 10:30 a.m. CST.

FINAL AGENDA
INTERNATIONAL SOURIS RIVER BOARD
Conference Call
10:00 a.m. CST
March 16, 2004

1. Review of agenda
2. Spring runoff forecast for January 1 to February 29, 2004
3. Proposed operations for spring runoff
4. Status of 2003 ISRB annual report
5. Other business
6. Roundtable
7. End of call

FINAL MINUTES DISTRIBUTION LIST
INTERNATIONAL SOURIS RIVER BOARD

Conference Call

10:00 a.m. CST

March 16, 2004

MEMBERS FOR CANADA

Russell Boals, Chief, Water Survey Division, Environment Canada, Regina, Saskatchewan

Wayne Dybvig, Vice President, Water Management, Saskatchewan Watershed Authority, Moose Jaw, Saskatchewan

Rick Bowering, Manager, Surface Water, Manitoba Conservation, Winnipeg, Manitoba

MEMBERS FOR UNITED STATES

Gregg Wiche, District Chief, U.S. Geological Survey, Bismarck, North Dakota

Dale Frink, State Engineer, North Dakota State Water Commission, Bismarck, North Dakota

Robert Ball, Commander, U.S. Army Corps of Engineers, St. Paul District, St. Paul, Minnesota

SECRETARY OF THE BOARD

Cathy Martin, Technical Editor, U.S. Geological Survey, Bismarck, North Dakota

OTHERS

Randy House, Hydrometric Supervisor, Water Survey Division, Environment Canada, Regina, Saskatchewan

Brian Yee, Acting Manager, Water Survey Division, Environment Canada, Regina, Saskatchewan

Doug Johnson, Director, Basin Operations, Saskatchewan Watershed Authority, Moose Jaw, Saskatchewan

Steve Robinson, Chief, Hydrologic Records, U.S. Geological Survey, Bismarck, North Dakota

Robert White, Water Resource Engineer, North Dakota State Water Commission, Bismarck, North Dakota

Edward Eaton, Hydraulic Engineer, U.S. Army Corps of Engineers, St. Paul District, St. Paul,
Minnesota