Water-Data Report 2011

01137940 AMMONOOSUC RIVER BELOW LISBON DAM, AT LISBON, NH

Upper Connecticut Basin
Upper Connecticut Subbasin

LOCATION.--Lat 44°12′45″, long 71°54′51″ referenced to North American Datum of 1983, Grafton County, NH, Hydrologic Unit 01080101, 375 ft southest of West Street and Armstrong Avenue intersection, 0.2 mi downstream from Lisbon Dam and School Street, 0.2 mi southwest of Main Street (US 302) and School Street intersection in Lisbon, 1.0 mi downstream from Pearl Lake Brook, and 1.3 mi upstream of Mill Brook.

DRAINAGE AREA.--288 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: June 2009 to July 2011 (discontinued).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 555 ft above National Geodetic Vertical Datum of 1929, from topographic map.

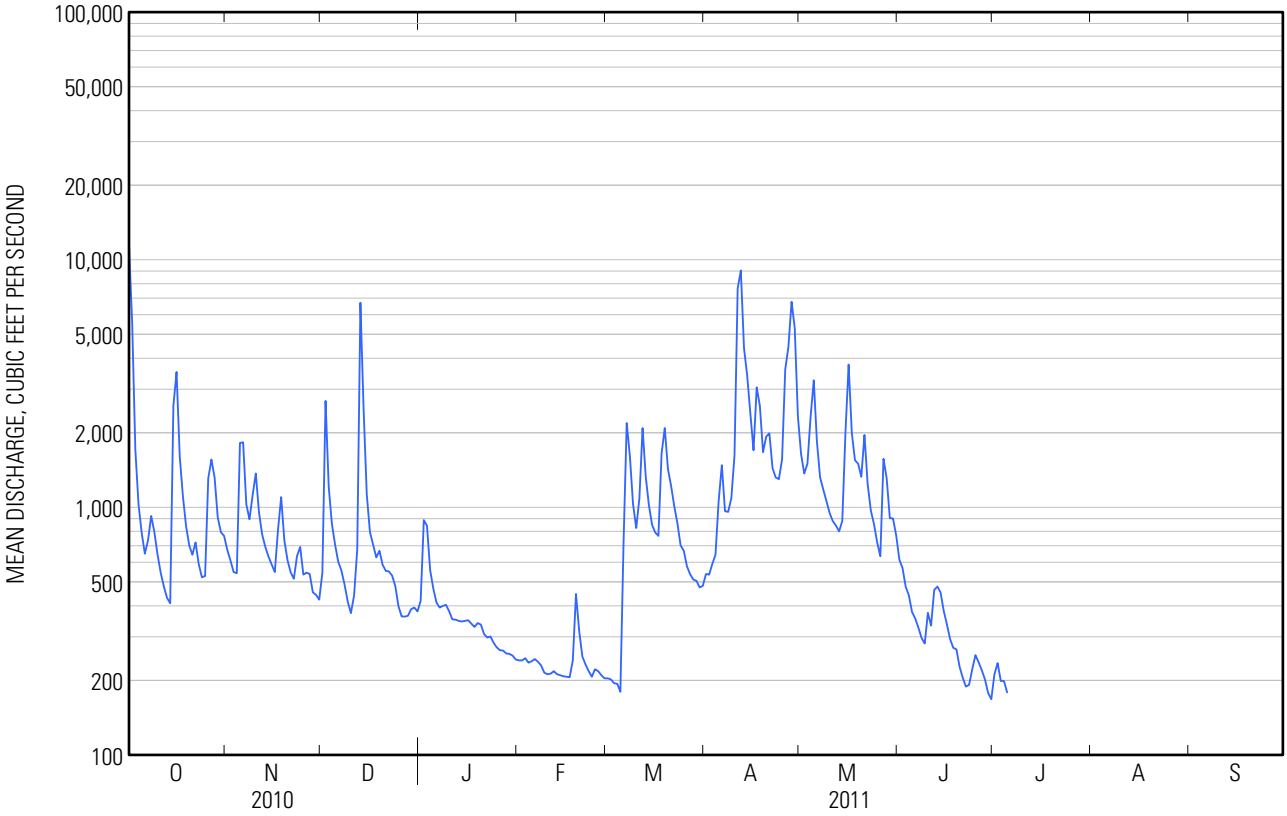
COOPERATION.--New Hampshire Department of Environmental Services.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Regulation by small hydro plant upstream.

EXTREMES FOR CURRENT YEAR.--Maximum observed discharge, a20,600 ft^3/s, Oct. 1, gage height, 14.74 ft; minimum observed daily discharge, 168 ft^3/s, June 30 [a, from rating curve extended above 8,000 ft^3/s].

01137940 AMMONOOSUC RIVER BELOW LISBON DAM, AT LISBON, NH—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11,500	674	545	e419	e241	e204	538	1,640	615	212	---	---
2	5,570	610	2,690	e888	e241	e202	535	1,370	569	235	---	---
3	1,710	548	1,210	e842	e246	e195	591	1,500	478	199	---	---
4	1,030	542	858	e558	e236	e194	643	2,320	441	199	---	---
5	790	1,820	708	e469	e239	e180	1,060	3,260	378	179	---	---
6	650	1,830	603	e412	e244	e719	1,480	1,840	356	---	---	---
7	736	1,030	556	e394	e238	e2,190	965	1,320	327	---	---	---
8	923	895	488	e400	e230	e1,610	959	1,180	297	---	---	---
9	795	1,120	416	e404	e215	e1,030	1,090	1,060	282	---	---	---
10	645	1,370	374	e380	e212	e825	1,620	949	375	---	---	---
11	545	955	441	e353	e213	e1,090	7,650	880	333	---	---	---
12	479	777	677	e352	e218	e2,090	9,050	844	464	---	---	---
13	431	692	6,700	e348	e212	e1,330	4,390	800	479	---	---	---
14	410	633	2,500	e346	e210	e1,020	3,410	883	453	---	---	---
15	2,570	588	1,130	e348	e208	e850	2,390	2,010	382	---	---	---
16	3,520	548	796	e350	e207	e791	1,700	3,770	337	---	---	---
17	1,610	810	707	e339	e206	e767	3,050	2,000	294	---	---	---
18	1,110	1,100	628	e329	e241	e1,650	2,570	1,550	271	---	---	---
19	840	737	668	e341	e447	e2,090	1,670	1,500	267	---	---	---
20	702	612	586	e336	e317	e1,430	1,930	1,330	227	---	---	---
21	644	546	554	e308	e250	1,220	1,990	1,960	205	---	---	---
22	721	515	551	e298	e232	1,010	1,440	1,240	189	---	---	---
23	590	636	530	e301	e218	861	1,320	972	192	---	---	---
24	522	692	481	e284	e207	702	1,300	855	222	---	---	---
25	528	535	399	e272	e222	668	1,560	722	253	---	---	---
26	1,310	545	e363	e265	e218	578	3,600	635	237	---	---	---
27	1,560	538	e362	e264	e210	537	4,450	1,570	220	---	---	---
28	1,320	454	e365	e257	e204	511	6,760	1,310	202	---	---	---
29	910	443	e388	e256	---	505	5,300	904	178	---	---	---
30	793	424	e394	e252	---	475	2,330	902	168	---	---	---
31	767	---	e380	e243	---	482	---	771	---	---	---	---
Total	46,231	23,219	28,048	11,608	6,582	28,006	77,341	43,847	9,691	---	---	---
Mean	1,491	774	905	374	235	903	2,578	1,414	323	---	---	---
Max	11,500	1,830	6,700	888	447	2,190	9,050	3,770	615	---	---	---
Min	410	424	362	243	204	180	535	635	168	---	---	---
Cfsm	5.18	2.69	3.14	1.30	0.82	3.14	8.95	4.91	1.12	---	---	---
In.	5.97	3.00	3.62	1.50	0.85	3.62	9.99	5.66	1.25	---	---	---

01137940 AMMONOOSUC RIVER BELOW LISBON DAM, AT LISBON, NH—Continued