UPPER MISSISSIPPI RIVER BASIN

05200510 MISSISSIPPI RIVER NEAR BEMIDJI, MN

LOCATION.--Lat 47\xb0 29'00", long 94\xb0 43'40", in SE1/4SW1/4 sec. 3, T.146 N., R.32 W., Beltrami County, Hydrologic Unit 07010101, 3.5 mi east of Bemidji on right bank 100 ft upstream of County Highway 12 and 400 ft downstream from Stump Lake dam.

DRAINAGE AREA.--610 mi2, approximately.

PERIOD OF RECORD.--September 1987 to current year (no winter records).

GAGE.--Water-stage recorder. Elevation of gage is 1,315 ft above sea level from topographic map.

REMARKS.--Records good except those for estimated daily discharge, which are fair.. Flow regulated by Stump Lake dam upstream from station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAILY MEAN VALUES

DAY OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP

1	109				 	329	739	e335
224	579	298						
2	137		213		 	329	721	e340
327	567	294						
3	128				 	329	e640	340
433	573	290						
4	112				 	330	e580	e390
501	537	248						
5	105				 	332	551	e380
503	531	225						
6	95				 	336	638	381
504	424	223						
7	97				 	417	e520	e370
896	334	219						
8	98				 	580	e630	e360
1260	319	210						
9	98				 	791	633	e355
1190	318	230						
10	144				 	887	e640	e350
980	325	228						
11	153				 	886	e650	e340
944	320	226						
12	141				 	945	658	332
1110	311	225						
13	137			104	 	1030	658	e270
13	137			104	 	1030	658	e270

1060 14	311 132	224			 	1120	668	e230
1320 15 1260	307 159 305	223 225			 	1200	532	e190
16 1250	183 305	 221			 	1240	541	156
17 1210	188 305	221 249			 	1260	416	140
18 1190	197 302	249 242			 	1290	e400	98
19 1150	189 302	242 242			 	1270	e380	96
20 1140	189 304	 247			 	1250	e360	93
21	177				 	1230	e340	91
1110 22	304 176	246			 	1210	332	89
1030	301 160	246			 	1170	e330	85
1040 24	299 145	244			 	1150	e330	104
953 25 950	299 275	243 237			 	1120	e330	166
26					 	1080	e330	153
971 27	294	234			 329	1040	e330	132
958 28	307	234			 329	1010	e330	127
873 29	302	247			 329	809	332	151
736 30	301	262			 329	711	e330	159
600 31	301	270			 329		e330	
599	298							
TOTAL 28272	3449 10860	 7252	213	104	 1645	26681	15199	6803
MEAN 912	144 350	 242	213	104	 329	889	490	227
MAX 1320	197 579	 298	213	104	 329	1290	739	390
MIN 224	95 275	210	213	104	 329	329	330	85
AC-FT 56080	6840 21540	 14380	422	206	 3260	52920	30150	13490
CFSM 1.50	.24 .57	.40	.35	.17	 .54	1.46	.80	.37
IN. 1.72	.21 .66	.44	.01	.01	 .10	1.63	.93	.41

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1997, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
JUL MEAN	AUG 179	SEP 				242	372	416	226	
280 MAX	195 311	194 				242	889	769	329	
912 (WY)	471 1995	401 				1996	1997	1996	1993	
1997 MIN	1993 75.5	1993 				242	148	181	104	
62.2 (WY)	61.9 1991	62.3				1996	1992	1992	1988	
1988	1989	1990								
SUMMARY STATISTICS FOR 1996 CALENDAR YEAR FOR 1997 WATER YEAR WATER YEARS 1987 - 1997										
SUMMAKIS	TATISTICS	FOR 1990 CA.	LENDAR TEAR	FOR 1997	WAIER IEAR	WAILKI	EARS 1907 - 199	/		
HIGHEST	DAILY N	MEAN	1190	Apr 30		1320	Jul 14	1320	Jul 14	
LOWEST	DAILY ME	EAN	88	Aug 19		85	Jun 23	22	Jul	
INSTANT		PEAK FLOW	I			1820	Jul 11	182	0 Jul	
INSTANT		PEAK STAG	ΞE			5.98	Jul 11	5.9	8 Jul	