2009 Daily Values

ILLINOIS RIVER AT MEREDOSIA (MEAN DAILY FLOW), IL (ILMQ/I MF)

Location: LAT. 39-49-35, LONG. 90-33-53. AT CENTRAL ILLINOIS PUBLIC SERVICE POWERPLANT, ATTACHED TO INTAKE PIER ON LEFT BANK AND AT MILE 70.8 ABOVE THE MOUTH OF THE ILLINOIS RIVER.

Gage: G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. FLOWS PROVIDED BY THE ROCK ISLAND DISTRICT, CORPS OF ENGINEERS. NOTE: AUXILIARY STAFF GAGE ON SAME SITE. NOTE: READINGS PUBLISHED BY THE ST. LOUIS DISTRICT, CORPS OF ENGINEERS ARE PRELIMINARY. OFFICAL READINGS SHOULD BE OBTAINED FROM THE ROCK ISLAND DISTRICT, CORPS OF ENGINEERS.

General Information: FLOOD ELEV, 432.00 FT NGVD DRAINAGE AREA, ABOUT 26,000 SQUARE MILES. SINCE JAN 17, 1900, FLOW HAS INCLUDED DIVERSION FROM LAKE MICHIGAN THRU CHICAGO SANITARY & SHIP CANAL. NOTE: LOCK & DAM 26 REACHED FULL POOL IN 1939 & AFFECTS IL RIVER READINGS*.

Records Available: ELEVATION, NOV 1, 1878, - JUNE 1, 1881, & JAN 19, 1884 TO DATE. PRIOR TO OCT 6, 1959, GAGE WAS AT MILE 71.1. DATUM OF GAGE WAS 416.88 FT, NGVD GAGE DATUM WAS 416.57 FT NGVD FROM 1933 - OCT 6, 1938. DISCHARGE, OCT 1933 - SEPT 1938 & OCT 1938 TO DATE IN REPORTS OF U.S. GEOLOGICAL SURVEY. NOTE: DISCHARGE RECORDS FOR BEARDSTOWN, MILE 88.6, ARE AVAILABLE FROM 1921 - 1928.

Mean Flow: PERIOD OF RECORD, 26977 CFS . 01 JAN 1982 TO DATE, 26977 CFS .

Extreme Flow: PERIOD OF RECORD, DAILY HIGH OF 120000 CFS OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 13 MAR 1985 & PERIOD OF RECORD, DAILY LOW OF 1330 CFS ON 02 SEP 1984 .

DAILY 8AM FLOWS IN CFS:

	Month											
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
1	59038	18643	44883	75159	75939	76555	52074	15300	25756	5821	58467	57846
2	67029	18243	45638	75098	76794	74324	50404	10681	25240	4488	62646	56278
3	73880	18016	47205	74065	79661	71889	48746	9034	24738	4353	67637	56037
4	75355	17285	47526	72860	81340	70060	46710	9469	23919	6154	73655	53410
5	78059	16383	47904	72442	83943	67821	44914	11096	14859	5616	77034	51763
6	78862	15634	48878	70766	84884	65406	44006	12600	13359	8387	79775	49481
7	78103	15579	48669	70669	8341	62550	42810	10994	14186	8654	78067	48292
8	77071	16890	48351	69575	82596	60334	41727	8964	11265	8149	77480	46641
9	75019	17805	48636	68669	82395	57931	40036	7502	11026	12797	75236	44619
10	72424	20873	50088	68856	79293	56636	39290	7194	9794	16129	75323	43730
11	68504	27158	55339	68688	77533	54582	37679	8391	8346	16841	72923	43349
12	65859	32463	62380	69823	75291	53759	36794	8804	7558	16164	69098	42908
13	63392	36252	69756	69152	73968	53398	34866	8803	8115	15852	65971	42386
14	60263	39588	78893	71274	71220	52602	33801	8533	5746	15733	64510	40841
15	56180	40983	86197	70751	73130	51192	32026	7895	6147	17352	59914	40889
16	52717	43161	91633	71737	77115	50080	32210	5782	4207	16636	57792	40120
17	47629	44253	93240	70220	84019	47800	31006	6841	4518	16875	56948	39330
18	45712	45669	91554	69901	88002	47451	29384	13083	4742	16132	60735	39072
19	44920	46138	92217	69197	94620	47447	26401	13769	4431	14976	62109	38190
20	43279	46903	90999	71152	100410	48800	20759	20647	4339	10964	62721	37699
21	41660	47215	91015	71519	103830	49838	18344	19747	8620	12106	63534	36525
22	40266	47205	88869	71247	103010	52057	16461	18764	8195	10893	65874	35942
23	39201	46376	85035	70696	104080	52735	15381	18231	6421	18025	67323	35052
24	37515	45501	81918	70421	102000	53509	14659	16082	5532	29339	66541	36454
25	35397	44896	82840	69138	99578	53195	13328	13600	4935	33782	65846	43385
26	33175	43569	78904	68592	95409	53422	12594	10288	6213	37891	64602	48860
27	31049	45042	77138	66949	91888	53183	15495	8714	5853	43282	63086	52393
28	29022	44447	76438	67172	87647	53358	16266	10484	5304	45287	62365	56988
29	25801	----	75323	69197	84476	53339	16796	15840	5201	46778	61106	62458
30	18520	----	75325	70336	81944	52892	15840	25296	4990	47634	59437	66583
31	19369	----	76101	----	79261	----	14917	26136	----	54309	----	69510
The following statistics are based on observations occuring in 2009 only.												
Mean	52718	33649	70287	70511	83342	56605	30185	12534	9785	19916	66592	47001
Max	78862	47215	93240	75159	104080	76555	52074	26136	25756	54309	79775	69510
Min	18520	15579	44883	66949	8341	47447	12594	5782	4207	4353	56948	35052
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean FLOW for the Year was: 46144
The Highest FLOW for the Year was: 104080 which occured on: 05-23-2009
The Lowest FLOW for the Year was: 4207 which occured on: 09-16-2009 The Total Number of Days for the Year was: 365

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.